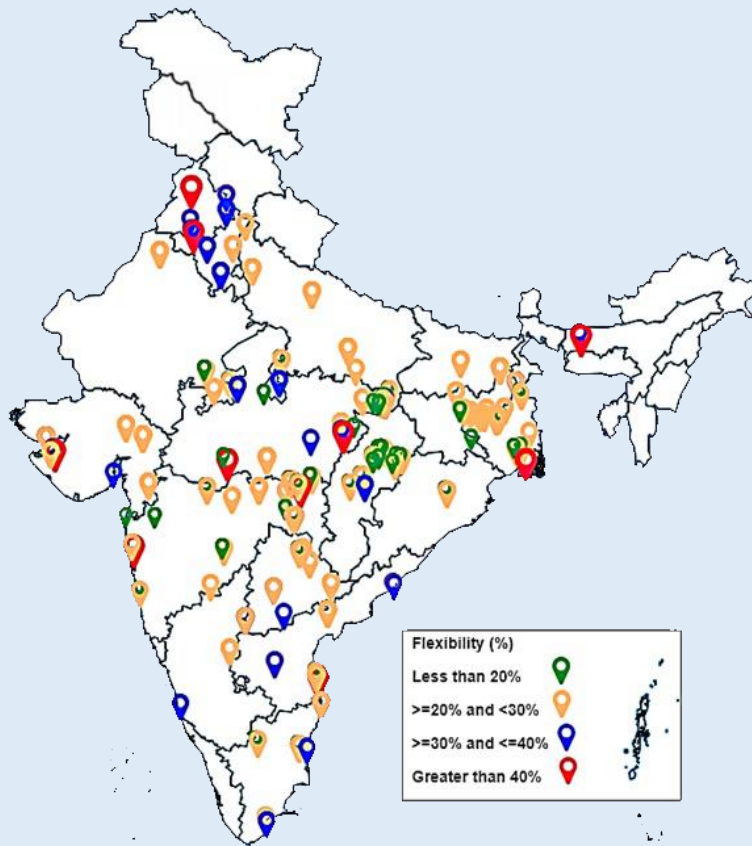




# Flexibility Analysis of Thermal Generation for Renewable Integration in India



May 2020

**Power System Operation Corporation Limited**  
(A Government of India Enterprise)



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## CENTRAL ELECTRICITY REGULATORY COMMISSION



### Message

As India targets increasing Renewable Energy penetration, the need for greater availability of flexible resources becomes the key for grid integration of such Renewable Energy. Thus, harnessing flexibility from the existing resources is as important as investing in new flexible resources. In the Indian power system, the conventional generation, namely coal based generation, has a dominant share. Therefore, coal based generation fleet would have to play a major role in delivering flexibility. The Commission has already taken a number of steps through providing in Regulations and amendments in Grid Code, in encouraging coal generation to provide flexibility. Some key steps are providing for minimum turn down level to 55% and incentivising higher ramp rates.

2. Against the above backdrop, therefore, this report by POSOCO on *Flexibility Analysis of Thermal Generation for Renewable Integration in India* is extremely valuable. Based on data over the past seven years, the Report analyses the minimum turn down levels and various other related flexibility metrics for close to 438 coal fired units in the country. This report would complement the earlier report by POSOCO on ramp rates of coal fired stations released in April 2019.

3. The Security Constrained Economic Despatch (SCED) mechanism in place since 1<sup>st</sup> April 2019 has already highlighted the possible economic benefits of higher flexibility.

4. I am sure this report by POSOCO would go a long way in ensuring that all the key stakeholders in the power sector recognise that flexibility in coal based generation is required both from technical and economic considerations. Early action to harness maximum possible flexibility from the existing generation resources, in addition to investing in new flexible resources, would facilitate achieving the clean energy generation target faster.

(P.K.Pujari)

14.05.2020



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## Foreword

Thermal generation presently supplies the major share of India's electricity consumption. India is on track to integrate 175 GW Renewable Energy (RE) by December 2022. While the share of thermal generation in India's energy mix would come down with high RE penetration, the conventional generation fleet would play a vital role in balancing the variable RE generation. The net load curve in the future would have much steeper ramp rates and lower minimum generation levels and the thermal generation fleet would need to be flexible enough to meet the ramping demands imposed by variable RE generation.

As flexibility is the need of the hour, increasing the flexibility of coal-based generation is a key thrust area. Ramp rates being one of the key attributes of flexibility, POSOCO had brought out a report on coal ramping in April 2019. Minimum turn down levels or minimum generation level for coal is another key attribute of flexibility. This report is an attempt for assessing the Minimum Generation levels, flexibility provided by thermal generating units in the country based on the available historical data by a data intensive exercise, analysing the data of 438 generating units (unit size of 200 MW and above) across the country. This report brings out the need for more thermal generators to provide the flexibility and Increase the Minimum Turn Down or Generation levels.

POSOCO would like to thank all concerned for the valuable support and guidance in preparing this report. The team would like to acknowledge the inspiration and support provided by Ministry of Power. The team would also like to acknowledge the valuable guidance and motivation provided by Central Electricity Regulatory Commission (CERC) during the preparation of this report. Thanks to the research team for their tireless efforts in crunching huge amounts of data, analysing the same and presenting the same in an easily comprehensible manner. It is hoped that the report would be useful to all stakeholders.

(K V S Baba)

Chairman & Managing Director

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# VOLUME –I

## Table of Contents

Executive Summary .....	1
1. Introduction .....	3
2. Flexibility indices .....	6
a. Ramp rates.....	6
b. Minimum operational level of generation.....	7
c. Start-up & shut downs.....	7
3. Literature Survey & International Experience .....	8
a. National Renewable Energy Laboratory (NREL) .....	8
b. Australian Energy Market Operator(AEMO).....	8
c. Flexibility in thermal power plants by Agora Energiewende.....	9
d. Greening the Grid.....	9
4. Data sourcing & analysis .....	9
a. Flexibility .....	10
b. Percentage of days maximum generation is achieved.....	10
c. Percentage of days minimum generation is achieved.....	10
d. Normalised maximum/minimum/average generation.....	10
5. Observations .....	11
a. Flexibility .....	11
b. Normalised Average Minimum Generation.....	12
c. Normalised Average Maximum Generation .....	13
d. Performance of unit Vs Variable charge.....	14
6. Security Constrained Economic Despatch Analysis and Inference.....	14
7. Way forward.....	17
8. References.....	19
Research Team .....	20



## List of Figures

Figure 1 Growth of Thermal Generation in India for April'08 – Feb'20.....	4
Figure 2 Typical all India Thermal Generation indicating intraday variation .....	4
Figure 3 All India Demand day wise difference between Max - Min from 01-04-08 to 31-01-20 .....	5
Figure 4 Flexibility Parameters of a Thermal Generator.....	6
Figure 5 Variation of synchronous capacity (Generation) during RE in Australia .....	8
Figure 6 Average Flexibility of Thermal Generating Units.....	11
Figure 7 Map showing Average flexibility of Thermal Generating Units.....	12
Figure 8 Normalised Average Minimum Generation of Thermal Generating Units .....	13
Figure 9 Normalised Average Maximum Generation of Thermal Generating Units.....	14
Figure 10 Dual Count Ramp Up (in % of time) .....	15
Figure 11 Dual Count - Ramp Down (in % of time).....	16
Figure 12 Dual Count - Pmax (in % of time).....	16
Figure 13 Dual Count Pmin (in % of time).....	17

## Executive Summary

Flexibility in the power system operation is the ability to respond to change in demand and supply. Flexibility is an important characteristic needed in the twenty-first century Indian power systems with ever-increasing levels of penetration of grid-connected variable renewable energy. As in most power systems world-wide, in the Indian power system too, the dominating share of flexibility is delivered by conventional generation. Dependent on the generation mix, different types of power plants are the main providers of flexibility.

Indian power system is predominant with thermal generation, with over 50% of generation capacity, catering the lion's share of electricity demand. Thermal generation which was considered as base load generation has adapted itself to rapid changes in the power system and transformed its role to a dynamic generation resource. The behaviour of thermal generation is being analysed by POSOCO and a report "Analysis of Ramping Capability of Coal-Fired Generation in India" was published in May'2019. The second part of the report is aimed at analysing the flexibility behaviour of thermal generating units.

The despatch from thermal generating units has seen a tremendous growth in past decade from 55 GW in 2009 to 140 GW in 2019. The generation fleet has aligned from baseload to diurnal and seasonal load pattern of different regions in the country. It has been observed that the average day-wise flexibility of thermal generation has increased from 8-10% in 2009 to 15-18% in 2019. Average daily thermal generation is varying in the range of 15-17 GW. Day wise flexibility requirement of Indian power system is increasing at the rate of 5-7GW per annum, it has reached a maximum of 56GW during winter of 2019-20.

The analysis of important flexibility parameters of each of the 438 thermal generators such as Daily maximum, daily minimum and flexibility have been presented in this report. SCADA data available with various Regional Load Despatch Centres (RLDCs) is the source for the analysis. The 15-minute time-block wise average generation of thermal units has been collected for period 1st April 2011 to 31st March 2018 from the date of commercial operation of respective units. All ISGS units and SGS units with capacity 200MW and above have been analysed in this report. Performance of 438 thermal generators has been analysed and graded after a data intensive exercise of analysing about 60 million time blocks. The parameters derived from the analysis are average flexibility; percentage of days maximum/minimum generation achieved and has been presented in 1334 nos. of plots.

The analysis of the data has revealed that majority of the coal fired stations in the country are flexing their generation in the range of 20-30% of their installed capacity. On all India basis about 60 % of units are providing flexibility in range of 20-30%. About 50% of units in IPP (ISGS) category are providing flexibility in range of 20-30% of installed capacity. Introduction of 55% technical minimum at central level by central regulator i.e. CERC has played a major role in achieving better flexibility. It can be inferred that, by reducing the

minimum operational level of state controlled thermal generating stations, greater flexibility would be achieved thus aiding greater RE integration at state level too.

The analysis of minimum turn-down level has indicated that 184 units out of 438 units i.e. about 40% of units are reaching minimum generation in the range of 60-70% of installed capacity. In the CGS and units with IC 500MW and above, 30% of units are reaching their minimum generation level of 60-70% of installed capacity. 41 out of 51 IPP units are reaching the minimum generation level of less than 70% of IC. 132 out of 181 units with IC 500MW and above are having average minimum generation less than 70% of IC

It is a known phenomenon that generating units with high variable charge would be normally used for peaking. These units in a day would be operating in a wide operational band, thus providing greater flexibility. The analysis of data has reaffirmed the fact that units with higher variable charges are more flexible. Average minimum generation is less for units with high variable cost and vice versa. However, very little correlation was observed when performances of all SGS units in the country were compared with their variable cost. This is due to state level local cost optimisations.

After the introduction of SCED pilot, cost optimisation of CGS units is being carried out at national level. The dual variables for ramp up, ramp down, Pmax and Pmin have been obtained and analysed for the constraints in the pilot on SCED algorithm from April – December, 2019 to gather insights regarding where the value lies in investment in increasing ramp up or ramp down rates, decreasing technical minimum etc. The data is analysed for 26400 nos. of 15-minute time-blocks spanning from Apr-Dec 2019 period. It appears that reducing technical minimum turn down level from the present (55% DC on bar) to a lower value, at least for all the higher variable cost plants, can be a good technological intervention to take up. Some of the higher variable plants have also been made to go under reserve shut down for a significant duration during the pilot. Despite the increasing renewable penetration in India, low variable cost thermal power plants may still achieve higher plant load factor. Mid merit power plants have the necessity to do more ramp up and ramp down duty. Investing on these aspects can yield more reduction in cost to the system.

In conclusion, all power systems have some inherent level of flexibility, designed to accommodate variable and uncertain load, and contingencies related to network and conventional power plant outages. The detailed level of evaluation becomes more critical as renewable energy penetration levels increase. Thus many of the tools to access flexibility, such as spinning reserves, ancillary services, automatic generation control, and short dispatch intervals are being progressively introduced in the Indian power system operation.

# Flexibility Analysis of Coal Fired Generation in India

## 1. Introduction

Indian electricity grid is one of the rapidly growing largest synchronized grids in the world with installed capacity of over 370 GW. The Indian power system witnessed rapid changes in the past decade, the country has progressed from meeting 94 GW demand in 2008-09 to 182 GW in 2019-20. During the same time large scale Renewable Energy (RE) has been integrated, the growth in Installed Capacity from 15 GW in April 2009 to 87 GW in March 2020. This growth has necessitated a flexible resource embracing dynamic requirements of power system. Further the country is on the course to integrate 175 GW of RE by 2022 and 450 GW by 2030.

Indian power system's generation mix is predominant with thermal generation, with over 55 % of generation capacity, catering the lion's share of electricity demand. Thermal generation which was considered as base load generation has evolved itself to rapid changes in the power system and transformed its role to a dynamic generation resource. The behaviour of thermal generation has been analysed in detail in the POSOCO report on "*Analysis of Ramping Capability of Coal-Fired Generation in India*" published in May'2019. The second part of the report is aimed at analysing the flexibility behaviour of thermal generating units. This report presents the evidences from data intensive exercise done for 438 thermal units in the country for the period of 2011-18.

Traditionally, performance of thermal stations is measured in terms of Available Capacity, Plant Loading Factor (PLF), etc. which have served the purpose during power deficits. As the country progresses to surplus scenario with high RE integration the generation resources should be benchmarked with modern indices like flexibility reflecting present day requirements. Flexibility is defined as "*The ability of a power system to respond to changes in electricity demand and generation.*" Flexible generation is characterized with ability to rapidly ramp up & ramp down the generation, speedy start-up & shut downs and operate efficiently at lower generation levels. International Energy Agency (IEA) in 2011 has come up with definition of flexibility as "*Flexibility expresses the extent to which a power system can modify electricity production or consumption in response to variability, expected or otherwise.*" In 2014, IEA expressed flexibility as "*In a narrower sense, the flexibility of a power system refers to the extent to which generation or demand can be increased or reduced over a timescale ranging from a few minutes to several hours.*"

The generation from thermal generating units has seen a fast paced growth in past decade from 55 GW in 2009 to 138 GW in 2020, as shown in Figure -1. The generation fleet has aligned to cater to the diurnal and seasonal diversity of different regions in the country. Typical plot of all India thermal generation is given in Figure -2. The average day wise flexibility of thermal generation has increased from 8-10 % in 2009 to 15-28 % in



2020. Average daily thermal generation is varying in the range of 20-30 GW. The time series decomposition of region wise and all India average, maximum, minimum and flexibility of thermal generation is given in Annexure –A, indicating growth and seasonality behaviour.

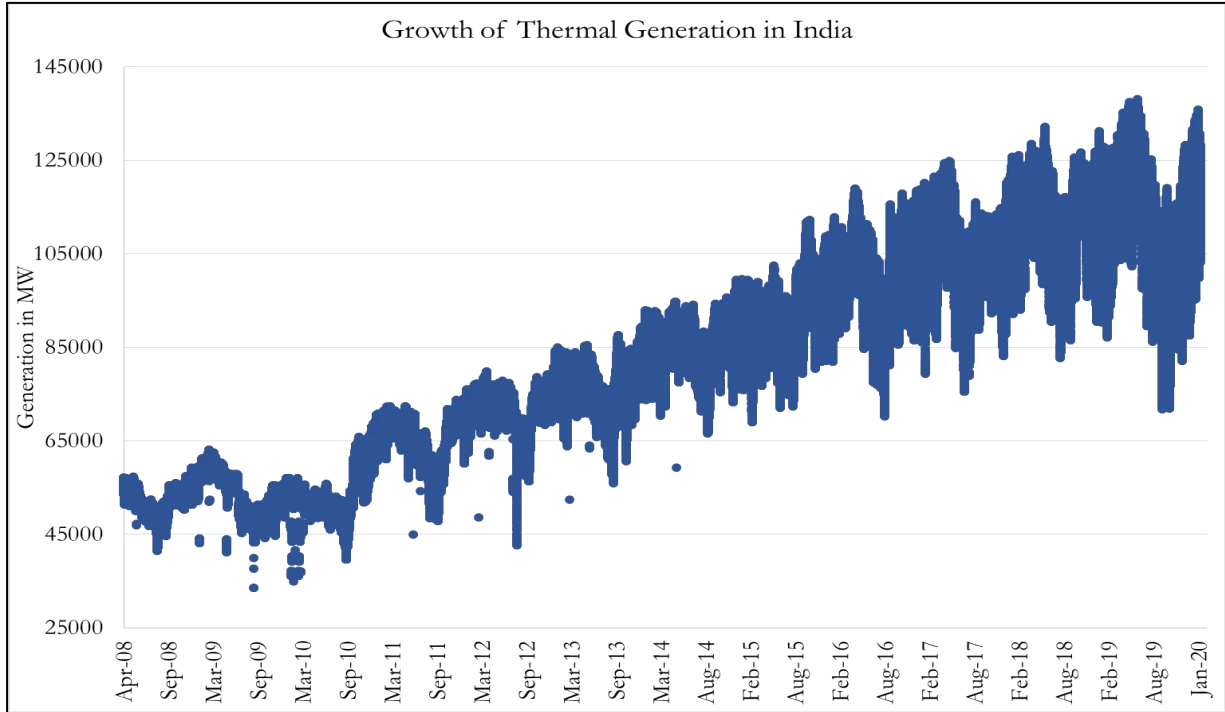


Figure 1 Growth of Thermal Generation in India for April'08 – Feb'20

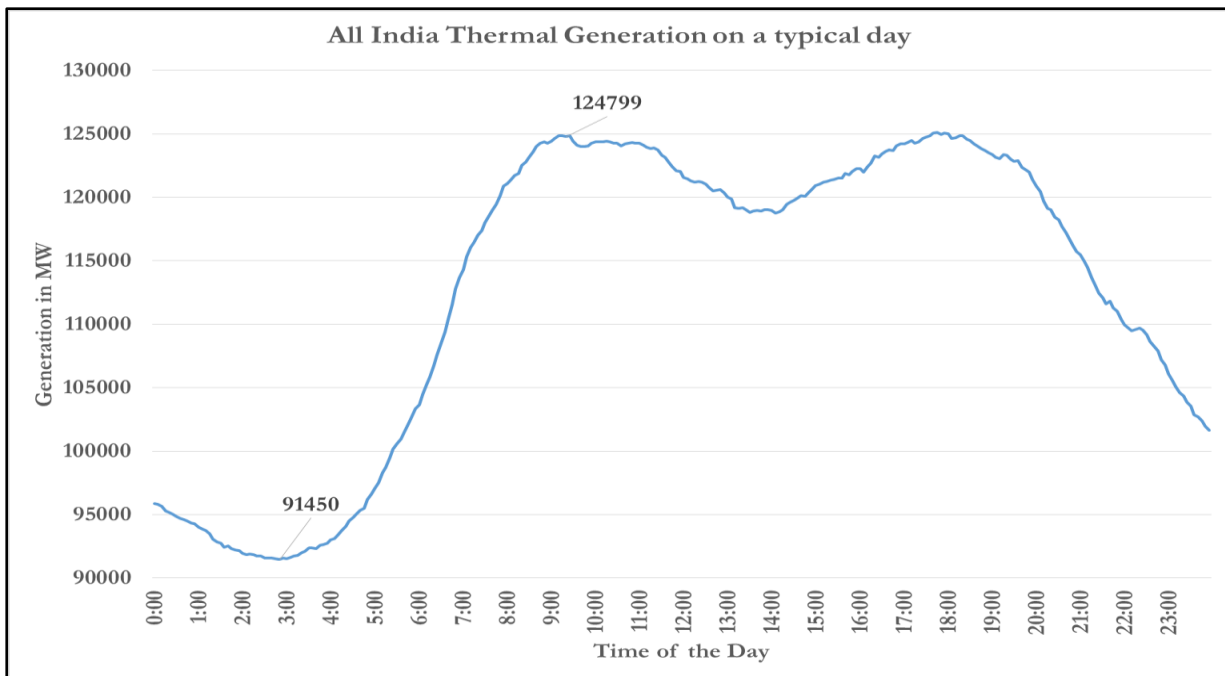


Figure 2 Typical all India Thermal Generation indicating intraday variation

The difference between maximum demand and minimum demand in a day i.e. the daily flexibility requirement of Indian power system is growing at a rapid pace. As shown

in fig 3, day wise flexibility requirement is increasing at the rate of 5-7GW per annum. This has reached a maximum of 56GW during winter of 2019-20.

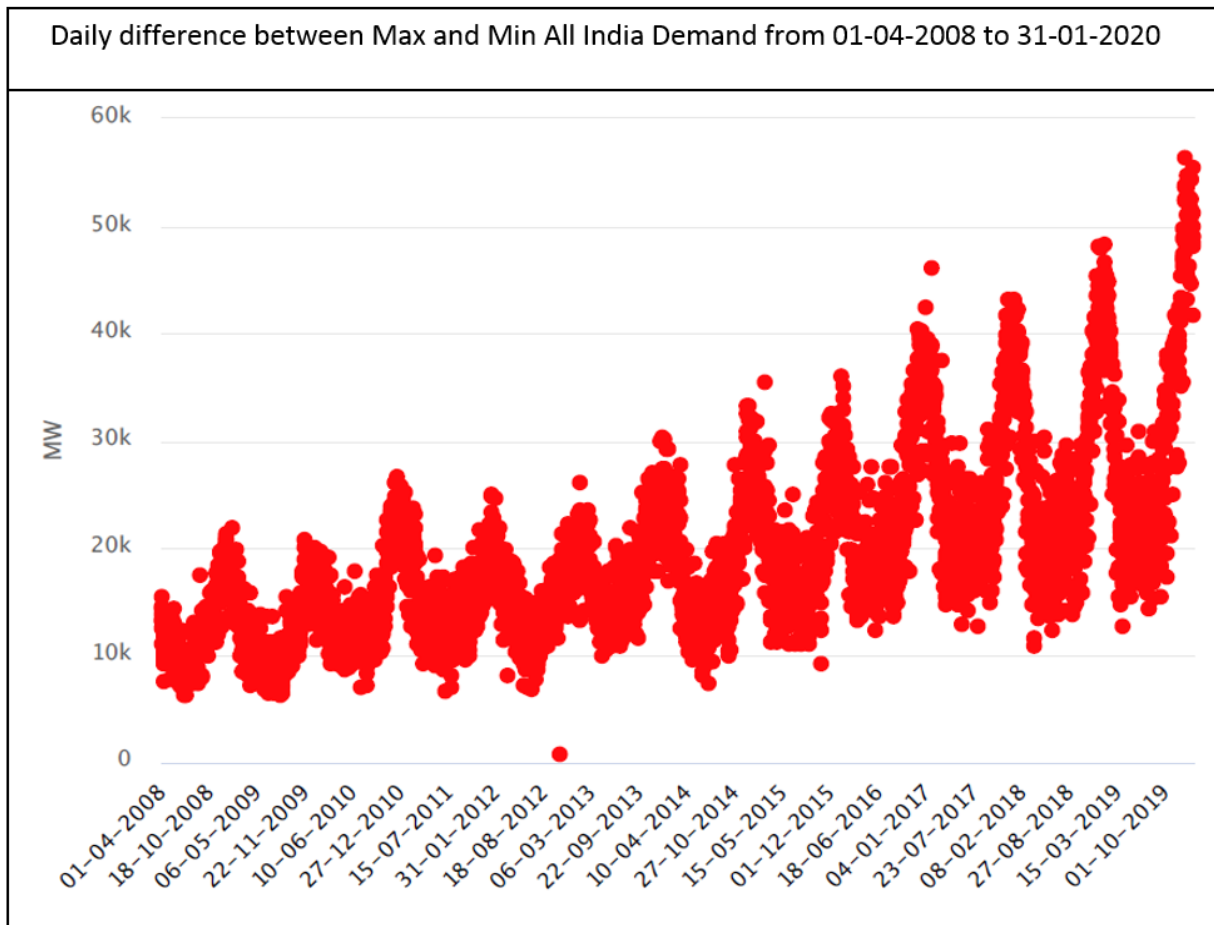


Figure 3 All India Demand day wise difference between Max - Min from 01-04-08 to 31-01-20

The flexibility requirement would be increasing with further RE integration. As thermal generation contributes to over 70% of total generation mix, flexibility from thermal generating units would be crucial for integrating higher RE. CEA report on “flexible operation of thermal power plant for integration of renewable generation” estimates that coal generation needs an intraday maximum flexing of 84 GW by 2021-22. Greening The Grid report “Pathways to integrate 175 GW of Renewable Energy into India’s Electric Grid, predicts the net load of Indian power system on would vary between 70-80 GW, with 100 GW solar and 60 GW wind in 2022. The flexibilization of thermal generation would play a vital role in achieving the Government of India’s commitment towards clean energy transition.

## 2. Flexibility indices

Electricity demand is continuously varying due to weather and several other factors. Electricity generation shall adjust to load requirements for maintaining load generation balance at all time. RE being variable in nature, integrating them into grid further increases variability requirement from other generation sources. As, thermal forms major generation resource of the country, it has to cater substantial variability requirement by flexing its generation. Several grid integration studies have also indicated that flexibility from thermal units would be essential for better grid operation under RE integration.

Few of important flexibility parameters of a thermal generator are ramp rate, minimal operational level of generation, start-up time etc. shown in Fig 4.

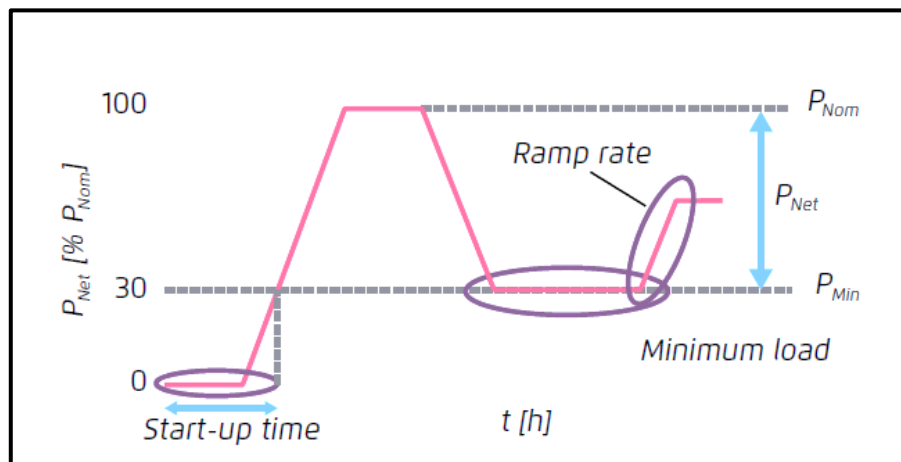


Figure 4 Flexibility Parameters of a Thermal Generator

(Source: [https://www.agora-energiawende.de/fileadmin2/Projekte/2017/Flexibility\\_in\\_thermal\\_plants/115\\_flexibility-report-WEB.pdf](https://www.agora-energiawende.de/fileadmin2/Projekte/2017/Flexibility_in_thermal_plants/115_flexibility-report-WEB.pdf))

### a. Ramp rates

Ramp rate is one of the important indicators in determining the flexibility behaviour. For integration of High RE, system –wide ramping would be a key parameter. The GREENING THE GRID: “Pathways to Integrate 175 Gigawatts of Renewable Energy into India’s Electric Grid” reported that there would be a peak requirement of 32GW/ Hour with the integration 100 GW Solar and 60 GW wind by 2022. Historically, system operators are scheduling as per the ramping capabilities declared by generating stations. Hon’ble CERC in the Terms and Conditions of Tariff Regulations 2019-24, has mandated minimum of 1% ramp rate per minute. Ramping in excess of 1% per minute has been incentivised. Relevant excerpts have been reproduced below.

“...In case of a thermal generating station, with effect from 1.4.2020:

a) Rate of return on equity shall be reduced by 0.25% in case of failure to achieve the ramp rate of 1% per minute;

b) *An additional rate of return on equity of 0.25% shall be allowed for every incremental ramp rate of 1% per minute achieved over and above the ramp rate of 1% per minute, subject to ceiling of additional rate of return on equity of 1.00%:...*

#### **b. Minimum operational level of generation**

The flexibility from a thermal generator is technically constrained by its minimum operational level. Reducing lower limit of operation will allow plants to stay in service during periods of low demand or high RE generation and thereby reducing number of start–stop cycles. Recognising this, Indian Electricity Grid Code has been amended by Hon’ble CERC in the 4th amendment by mandating the technical limit of thermal stations to 55% of Installed capacity. Clause 6.3B (1) of IEGC is reproduced below.

*“...The technical minimum for operation in respect of a unit or units of a Central Generating Station of inter-State Generating Station shall be 55% of MCR loading or installed capacity of the unit of at generating station....”*

Further the CEA Standard Technical Specification for Sub- critical & Supercritical Thermal Power Project requires the thermal plant to be stable at 40% of load without any oil support. Relevant clauses have been reproduced below.

*“...The design of steam generator shall be such that it does not call for any oil support for flame stabilization beyond 40% Boiler maximum continuous rating (BMCR) load when firing any coal from the range specified, with adjacent mills in service and mill load not less than 50% of its capacity...”*

Also, the Report of the Expert Group: “Review of Indian Electricity Grid Code”, has suggested to compensate thermal generators for Station Heat Rate degradation and Auxiliary Energy Consumption degradation up to 40% of IC.

#### **c. Start-up & shut downs**

The start-up time is defined as the period from starting plant operation till minimum load is attained. Start-up time for would vary as per size of the unit and technology of the boiler used. Depending on time from unit shutdown, start-ups are categorised into hot start-up, warm start-up & cold start-up. Quick start –up is a key attribute of a flexible resource. In Indian context, time taken for start-up is declared by its owner. Shut down time is linked to ramping down capability of the stations which was discussed earlier.

The thermal plant shall be designed for cyclic/two shift operation. The CEA Standards for Technical Specification for Sub- critical & Supercritical Thermal Power Project, also mandates the same. Relevant clauses have been reproduced below.



“...To match the desired plant operating capabilities, the steam generator shall also be designed for regular cyclic/ two shift operation. Expected numbers of Steam Generator startups during design life of minimum 25 years. The total number of start-ups shall be as under:

- a. Hot starts (less than 10 hours of unit shutdown) : 4000
- b. Warm starts (between 10 and 72 hours of unit shutdown) : 1000
- c. Cold starts (greater than 72 hours of unit shutdown) : 150...

### 3. Literature Survey & International Experience

#### a. National Renewable Energy Laboratory (NREL)

National Renewable Energy Laboratory (NREL) studies illustrated the ability of coal based generating units becoming flexible resources. Thermal plants were intended to run at 80% PLF, were running at 50% PLF by early 1990s. NREL conducted studies to understand effects of cycling on and off in a day. Their findings revealed the ability of these units to run below 40% of capacity with limited hardware modifications and extensive modifications to operational practices.

#### b. Australian Energy Market Operator(AEMO)

AEMO under their Integrated System Plan (ISP) had illustrated the increasing need for thermal generation to be flexible. Synchronous generators (thermal generation) traditionally were baseload generation, to assist management of renewable energy the need to operate flexibly has increased, operating between their maximum & minimum limits. Fig 5 shows variation of synchronous capacity (Generation) during high RE.

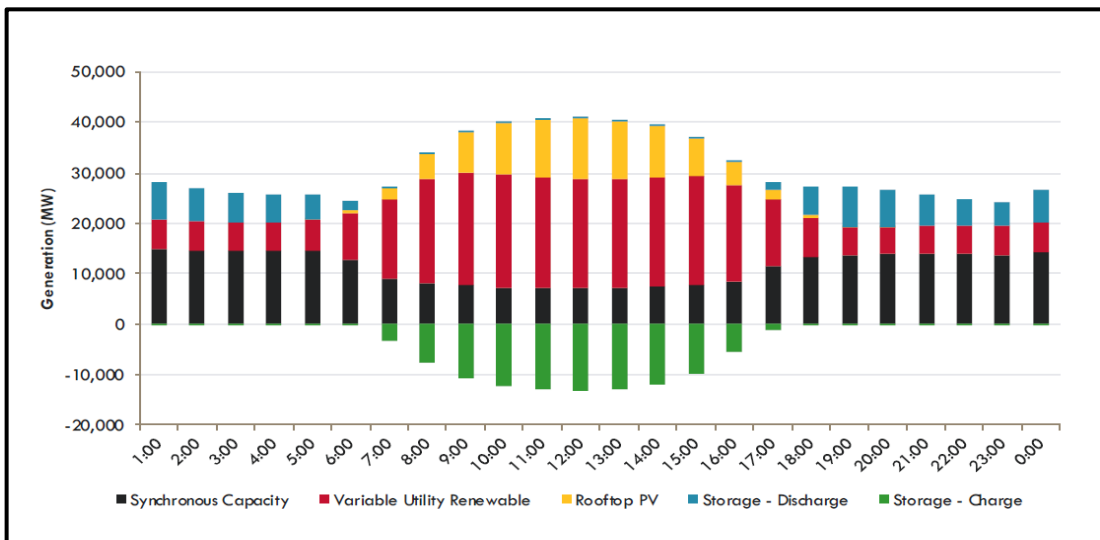


Figure 5 Variation of synchronous capacity (Generation) during RE in Australia  
(Source: Integrated System Plan by AEMO July 2019)

### c. Flexibility in thermal power plants by Agora Energiewende

The studies of Agora Energiewende indicated that making existing power plants more flexible is technically and economically feasible which also enables the integration of higher RE. Bringing down the technical minimum generation reduces the number of start-ups and shutdowns by allowing the power plant to stay on bar at very low generation levels. Though, efficiency is less in lower operation levels, carbon emissions would reduce because of reduced start-stops. Negative electricity prices were observed during high RE. Conventional plants are forced to avoid operation during negative pricing. Thus, flexibility has shown a direct economic value for the operator. The minimum load of state-of-the-art hard coal- and lignite-fired power plants lies between 25–40% and 35–50% of IC respectively.

### d. Greening the Grid

The *GREENING THE GRID: Pathways to Integrate 175 Gigawatts of Renewable Energy into India's Electric Grid* has analysed the operation of India's power grid with 175 GW of RE in order to identify potential cost and operational concerns and actions needed to efficiently integrate high levels of wind and solar generation. The study quantifies RE generation variability and curtailment, changes in least-cost scheduling and dispatch, flexibility of thermal generation, and periods of stress. The GTG study finds that reducing minimum generation levels of large thermal plants is the biggest driver for RE integration. Their studies indicated that by reducing these level from 70% to 40% India can integrate 175GW of RE by 2022 with negligible curtailment, further it was stated that Minimum operational level of conventional generating units is more influential than faster ramp rates.

## 4. Data sourcing & analysis

SCADA data available with various Regional Load Despatch Centres (RLDCs) is the data source for the analysis. The 15-minute time block wise average generation of thermal units is collected for period 1<sup>st</sup> April 2011 to 31<sup>st</sup> March 2018 from the date of commercial operation of respective units. All ISGS units and State Generating Stations (SGS) units with capacity 200MW and above have been analysed in this report. Performance of 438 thermal generating is analysed and graded after a data intensive exercise of analysing about 60 million time blocks. The parameters considered for analysis are for average flexibility, percentage of days maximum/minimum generation achieved, normalised average/maximum/minimum generation. A generating unit is considered for analysis for the days when the average generation is greater than 30% of IC. Generation less than 30% of installed capacity (IC) in a block have not been considered. Thus, generation during synchronisation & shutdown process have been eliminated in the analysis. Detailed statistics of data analysed is given in Table-1.

Table 1 Statistics of data analysis

Sl No	Description	Details
1	No of Generating units analysed	438
2	Period of Analysis	1 <sup>st</sup> Apr 2011 to 31 <sup>st</sup> Mar 2018
3	Time Blocks analysed	60 Million
4	Parameters analysed for each unit	5
5	Graphs plotted	1334

#### a. Flexibility

Flexibility is computed as ratio of difference between maximum and minimum generation in a day to its installed capacity. Flexibility is computed for each unit on daily basis. Average flexibility of the units is arrived by averaging the day wise flexibility over the entire period of operation.

$$\text{Flexibility (\%)}: \frac{(\text{Maximum Generation in a day} - \text{Minimum Generation in a day})}{\text{Installed Capacity}} \times 100$$

#### b. Percentage of days maximum generation is achieved

A generating unit is considered to have achieved maximum generation if the generation in any time block of the day is in range of 95-105% of Installed Capacity. This band is selected to analyse daily peaking behaviour considering overload capacity of the machine.

#### c. Percentage of days minimum generation is achieved

A generating unit is considered to have achieved minimum generation if the generation in any time block of the day is in range of 30-70% of Installed Capacity. Till 2016, all thermal plants in the country are having minimum operational level of generation as 70% of IC. In 2016, Via IEGC 4<sup>th</sup> amendment CERC has reduced this to 55% of IC. Till date many SERCs are yet to notify 55% technical minimum limit. Few IPPs are observed to have gone around 40% of IC in various instances. To capture all the above, minimum generation band is considered as 30-70% of IC.

#### d. Normalised maximum/minimum/average generation

For the data analysis period, average maximum, average minimum, average generation is computed. These values are normalised with respective installed capacities for ranking.

## 5. Observations

### a. Flexibility

Majority coal fired stations in the country are flexing their generation in the range of 20-30% of their IC. The histogram showing performance of different category of units is given in Fig 6. On all India basis, 60% of units have provided flexibility in the range of 20-30% of IC. Of this, CGS units and units with IC 500MW and above forms majority.

About 50% of units in IPP (ISGS) category are providing flexibility in range of 20-30%. At national level there are only 20% of units flexing their generation above 30% of IC. Average flexibility of thermal units in the country is plotted in Fig 7.

Introduction of 55% technical minimum at central level is a major factor in achieving better flexibility. If minimum operational level of state controlled thermal generating stations are also reduced, greater flexibility would be achieved aiding higher RE integration.

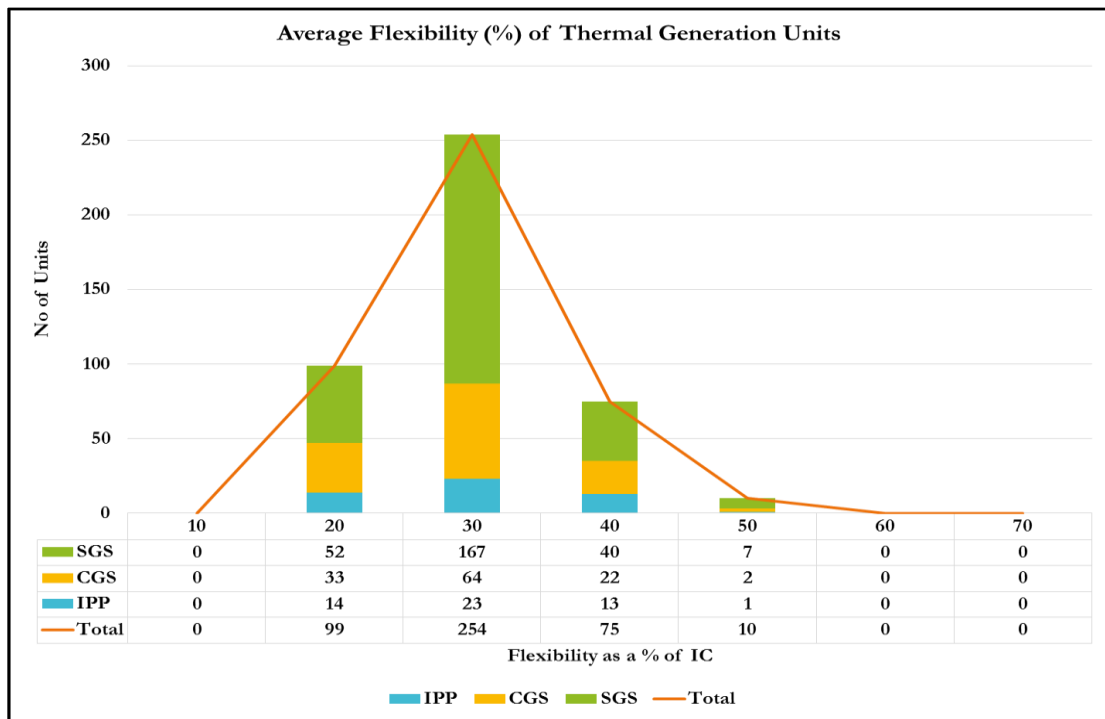


Figure 6 Average Flexibility of Thermal Generating Units



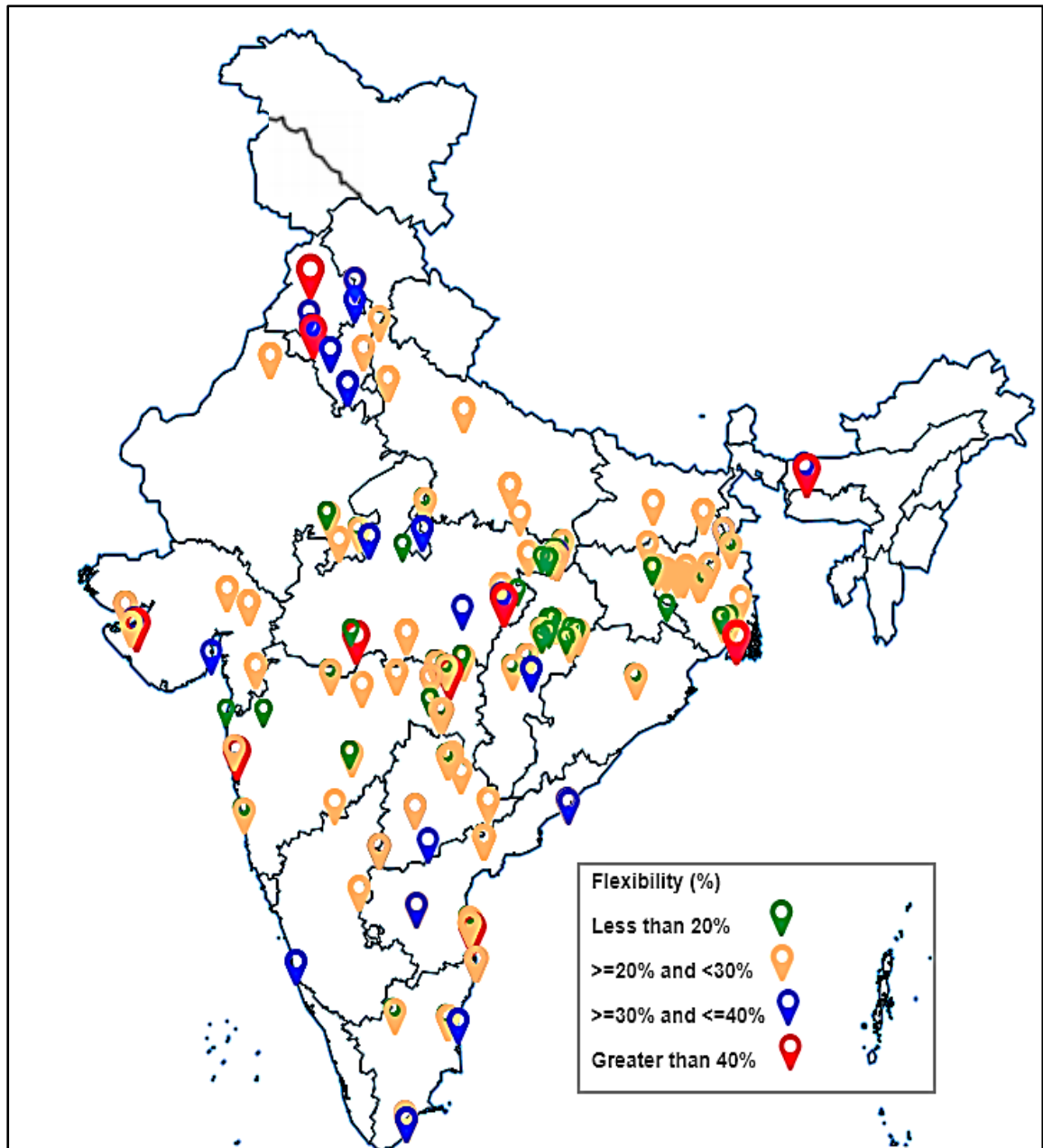


Figure 7 Map showing Average flexibility of Thermal Generating Units

### b. Normalised Average Minimum Generation

This parameter is computed as average of daily minimum block wise generation over number of days of operation considered. The arrived figure is then normalised with IC of respective unit. It is observed that 184 out of 438 units i.e. about 40% of units are reaching minimum generation in the range of 60-70% of IC. 41 out of 51 IPP units are reaching the minimum generation level of less than 70% of IC.

132 out of 181 units with IC 500MW and above are having average minimum generation less than 70% of IC. In CGS category, 50% of units are hitting the lower generation of less than 70% of IC. Histogram for the above parameter is given in Fig 8.

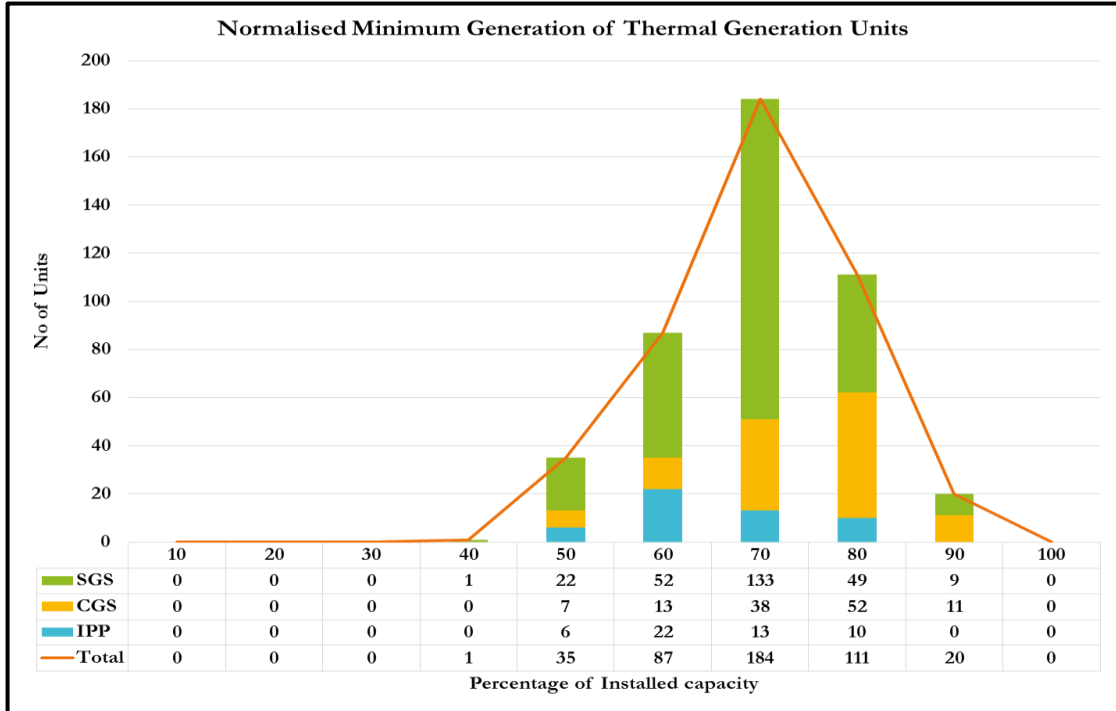


Figure 8 Normalised Average Minimum Generation of Thermal Generating Units

### c. Normalised Average Maximum Generation

Normalised average maximum generation is computed similar to normalised minimum generation, by considering block wise maximum generation in a day. At all India level, 50% of units are observed of reaching 90%-100% of generation. CGS units have performed better in this parameter with 60% of units achieving maximum generation of 90%-100% on an average. Under IPPs category only 36% of them are found to be hitting the generation mark in the range of 90-100%. 21 out of 51 IPPs are found to be achieving maximum generation in 80-90% band. Histogram of various categories is shown in Fig 9.

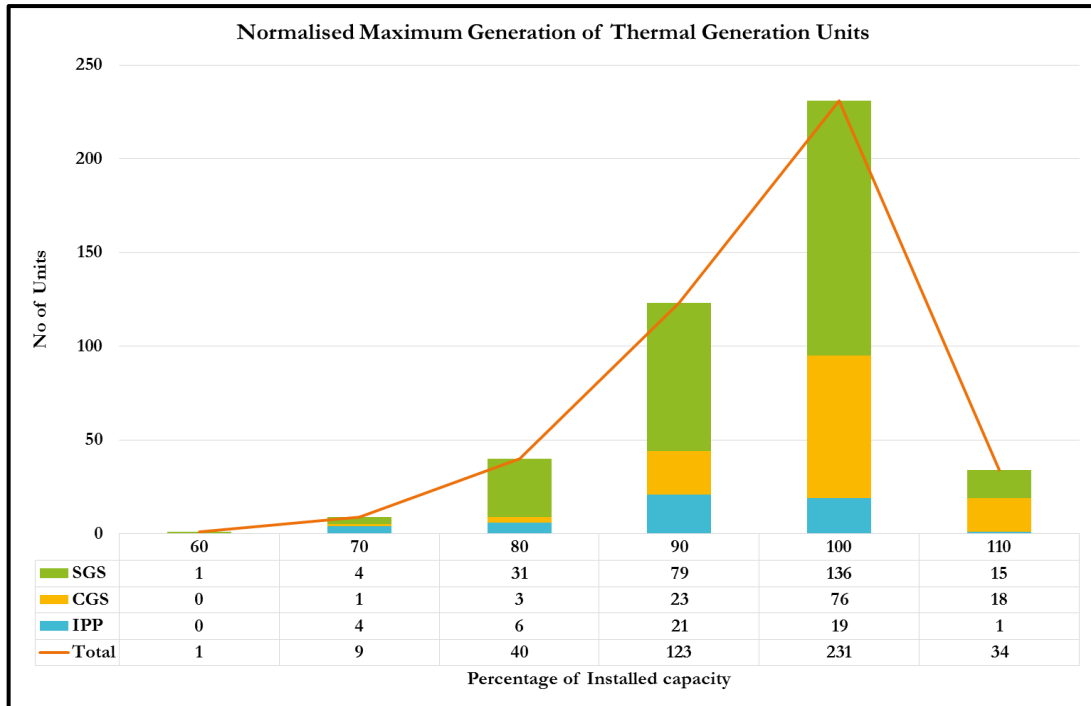


Figure 9 Normalised Average Maximum Generation of Thermal Generating Units

#### d. Performance of unit Vs Variable charge

Generating units with high variable charge will be used for peaking. These units in a day would be operating from wide operational band, thus providing greater flexibility. Normalised minimum generation is less for units with high variable cost and vice versa. However, very little correlation was observed when performance of all SGS units in the country was compared with their variable cost. This is due to state level local cost optimisation. After the introduction of SCED pilot, cost optimisation of CGS units is being carried out at national level. Correlation after implementation of SCED is discussed in next section.

### 6. Security Constrained Economic Despatch Analysis and Inference

The implementation of a Pilot on Security Constrained Economic Despatch (SCED) in ISGS Pan India was directed by Hon'ble CERC w.e.f 1st April, 2019. The pilot has been implemented for all the thermal ISGS that are regional entities and whose tariff is determined or adopted by the Central Commission for their full capacity honouring the existing scheduling practices prescribed in the Grid Code.

The minimization of the total variable cost was the main objective for SCED optimization. The following technical constraints have to be honoured during the optimization process

1. Meeting total requisition by states from Generators
2. Available transfer Capability (ATC)

3. Maximum Generation
4. Technical Minimum (turn down level)
5. Ramp Up and Ramp Down Rate.

The total variable cost was minimized subject to the above constraints and the duals of the binding constraint for each plant. Dual values are the basic form of sensitivity analysis in Linear Programming. The Dual value measures the increase in the cost of the objective function per unit increase in the value of the variable. The marginal value for an equation is also known as the shadow price or dual for the equation. The dual value for a variable is nonzero only when the variable’s value is equal to its upper or lower bound at the optimal solution. The dual value for a constraint is nonzero only when the constraint is equal to its bound. This is called a binding constraint. The dual variable obtained for the constraints are given below indicating the value areas in investment regarding increase in ramp up or ramp down rates, decreasing technical minimum etc. The data is analysed for 26400 nos. of 15-minutes time-blocks spanning from April – December 2019 period. The figures below show the percentage of time for which the equations for the respective plants have become binding in the optimal solution. It appears that reducing technical minimum turn down level from the present (55% DC on bar) to a lower value, at least for all the higher variable cost plants, can be a good technological intervention to take up. Mid merit order power plants may have to do more ramp up and ramp down duty. Investing on these aspects can yield more economy. The variable charge of the SCED participating generators is given in Annexure – C.

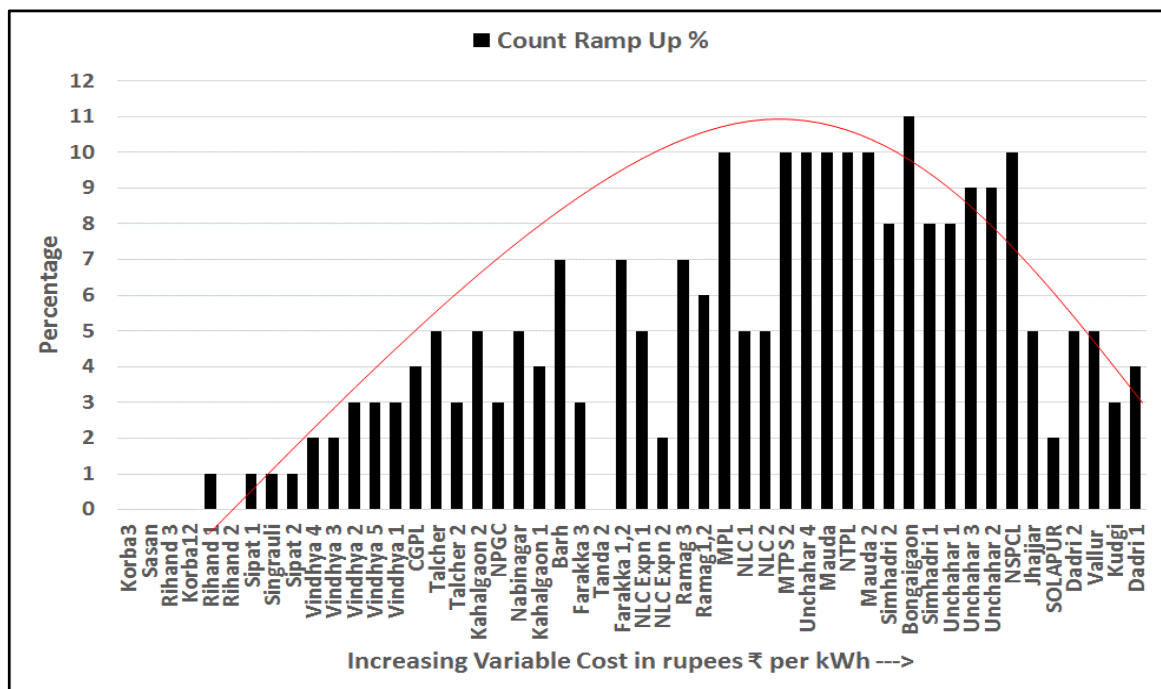


Figure 10 Dual Count Ramp Up (in % of time)

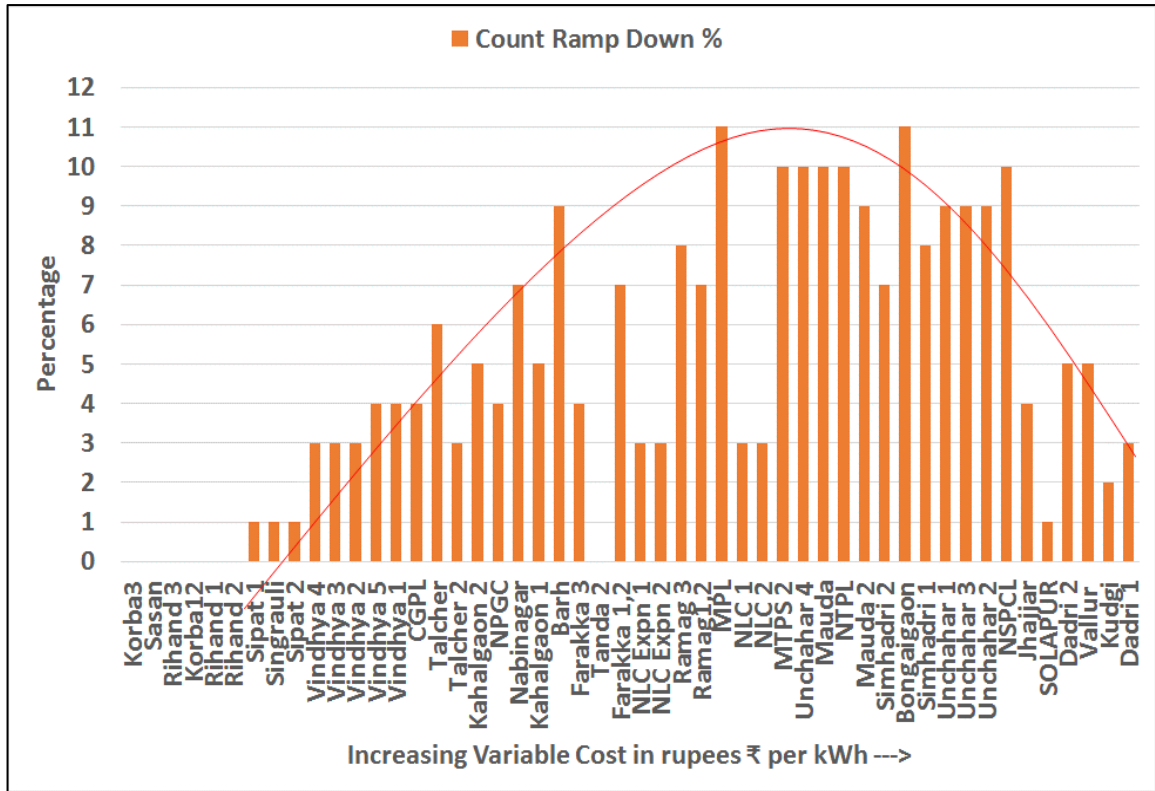


Figure 11 Dual Count - Ramp Down (in % of time)

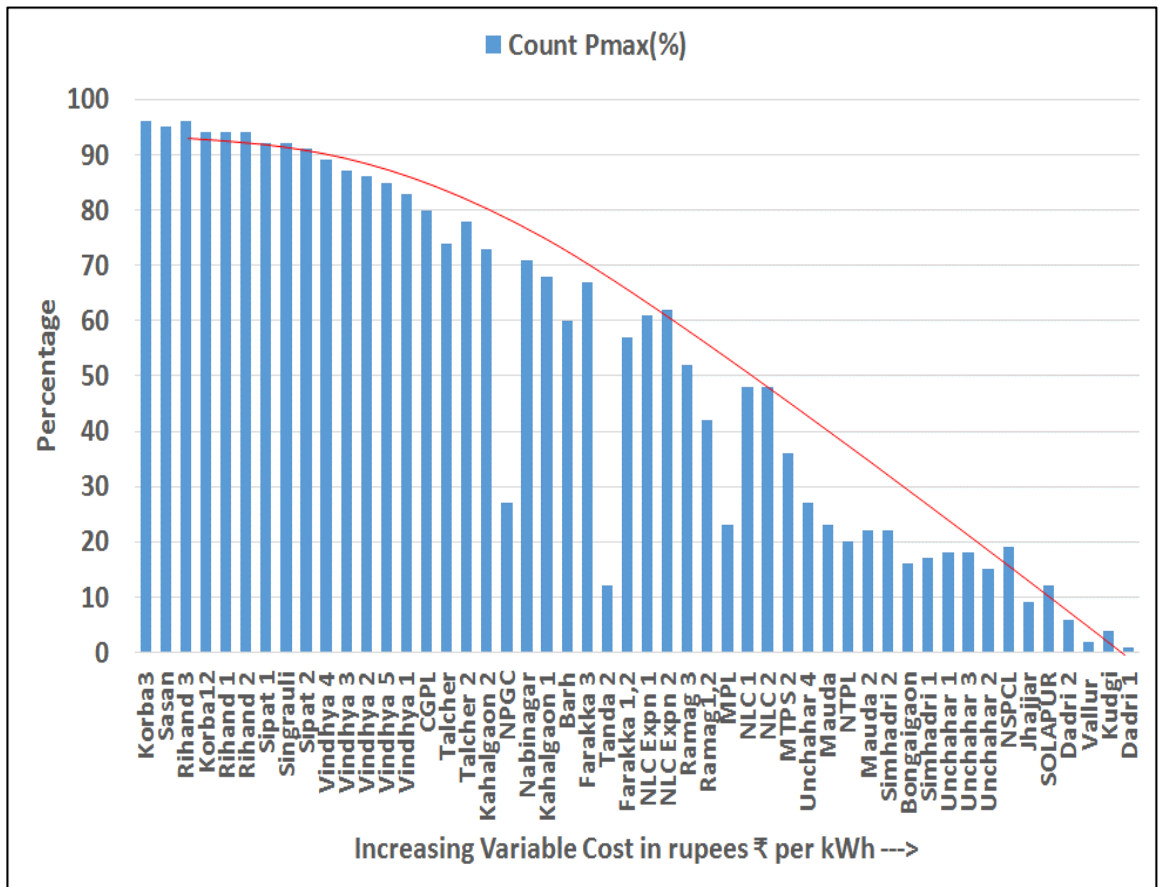


Figure 12 Dual Count - Pmax (in % of time)



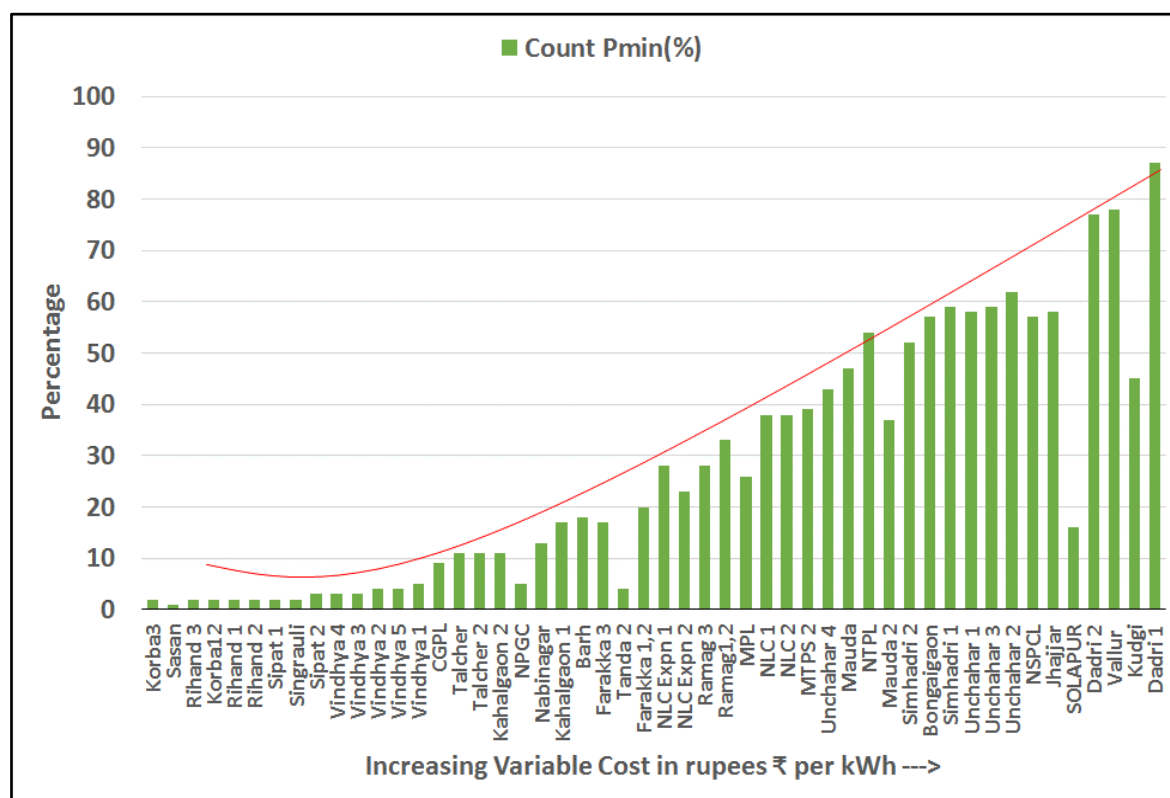


Figure 13 Dual Count Pmin (in % of time)

## 7. Way forward

Historically, in a shortage scenario, the generating units had to generate at maximum levels and the metrics of performance were available capacity, Plant Load Factor etc. In the present-day and future adequacy scenario, the optimization of the generation resources to reduce the overall system operating cost with high RE penetration would assume significant importance. There is an ever increasing requirement of dynamic generation resources which can flex their generation as per the system requirement. Flexibility is measure of this requirement.

*Why not consider RE to be main occupants of the “house” and then work out the rest of the system around RE, essentially, because RE is the future?” – NITI Aayog*

Thermal generation, being one of the major stakeholders of Indian Power system, would be a catalyst for integrating RE incorporating flexibility provisions. Studies and experiences from various national & international agencies have also established the role of flexibility from conventional generation resources. Hon’ble CERC has taken major initiatives like reducing technical minimum to 55% and mandating 1% ramp rates etc. in the direction of improving flexibility in Indian power system. In order to integrate ever-increasing levels of RE, the regulatory framework at inter-state and intra-state level has to be amended in line with global standards in terms of minimum operational levels

of generation, two shifting operations etc. Suitable incentives also need to be framed for provision of flexibility after detailed analysis. Technological upgradation of units needs to be encouraged for achieving higher level of flexibility.

Thermal ISGS are spread pan-India at pit-head, coastal, load centre and other locations in various geographies. The state utilities schedule generation resources both from within the state and from inter-state generating stations (as per their entitlements) based on their forecasted demand. While scheduling and despatch, each state is individually carrying out merit order despatch and thus, a local level of optimization is already taking place. Implementation of pilot on SCED in April, 2019 has led to optimization of inter-state generating stations on a national level. It is recognized that expanding the ambit of SCED would lead to better scope for optimisation & causing economy while at the same time improving the overall ramping capability available in the system. As seen from the dual analysis from the SCED implementation, the reduction in technical minimum turn down level from the present (55% DC on bar) to a lower value, can be a good technological intervention to take up. Despite the increasing solar penetration in India, low variable cost thermal power plants may still achieve higher plant load factor. Mid merit order power plants have the necessity to do more ramp up and ramp down duty. Investing on these aspects can yield more reduction in cost to the system.

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## Research Team

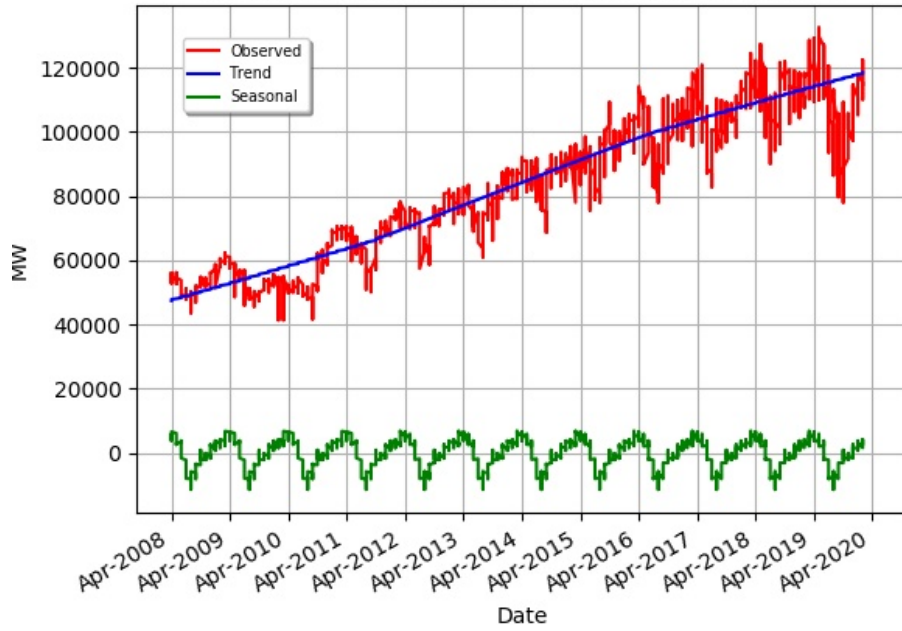
The analysis was carried out at SRLDC under the overall guidance and supervision of Sh. S K Soonee and Sh. S R Narasimhan. The lead role for analysis and compilation was taken by Southern Regional Load Despatch Centre under the guidance of Sh Abhimanyu Gartia.

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2	Sh. K B V Ramkumar	SRLDC	SR Data Collection & Compilation. Data Analysis, Report Drafting & Visualization
3	Sh. Uday Santosh	SRLDC	Data Visualization
4	Sh.K V N Pawan Kumar	NLDC	Report Drafting
5	Sh. Phanisankar Chilukuri	NLDC	Security Constrained Economic Despatch – Analysis of duals
6	Sh. Biswajit Mondal	ERLDC	ER Data Collection & Compilation
7	Sh. Chandan Mallick	ERLDC	ER Data Collection & Compilation
8	Sh. Sumit Kumar	NERLDC	NER Data Collection & Compilation
9	Sh. Sakal Deep	NERLDC	NER Data Collection & Compilation
10	Sh. Sunil Kanaujiya	NRLDC	NR Data Collection & Compilation
11	Sh. Prashant Garg	NRLDC	NR Data Collection & Compilation
12	Sh. Absar Ahmad	WRLDC	WR Data Collection & Compilation

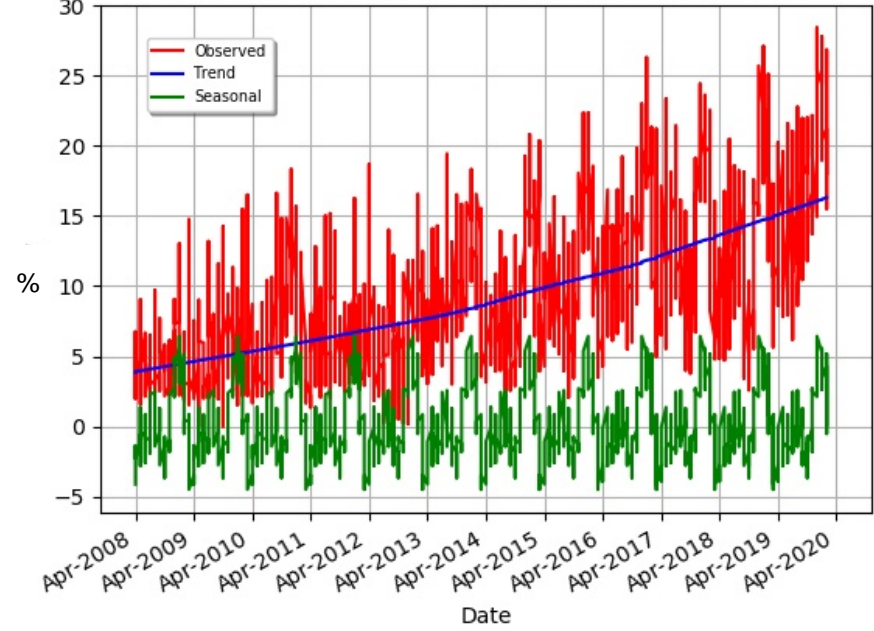


# **Annexure - A**

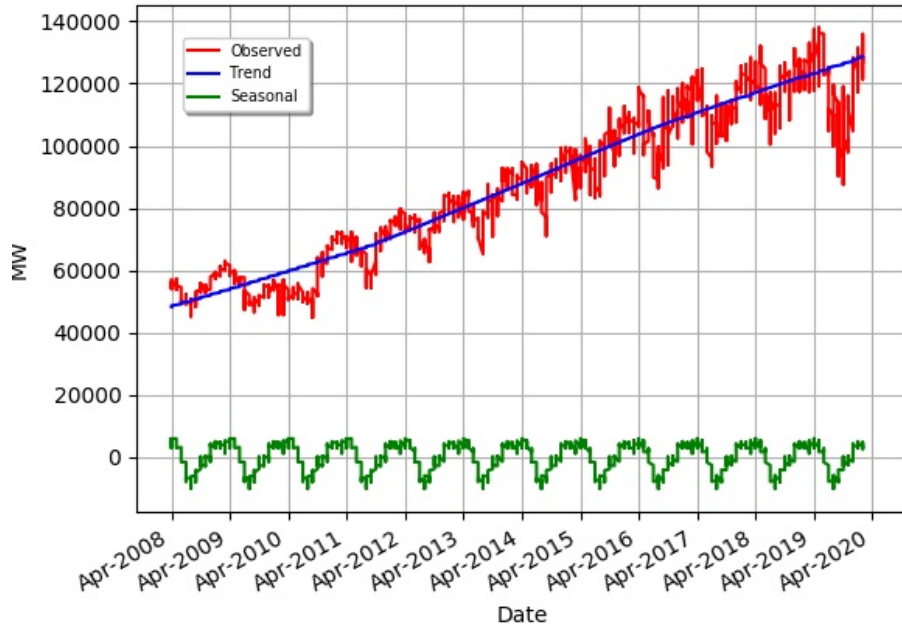
All India Daily Average Generation(MW) Decomposition



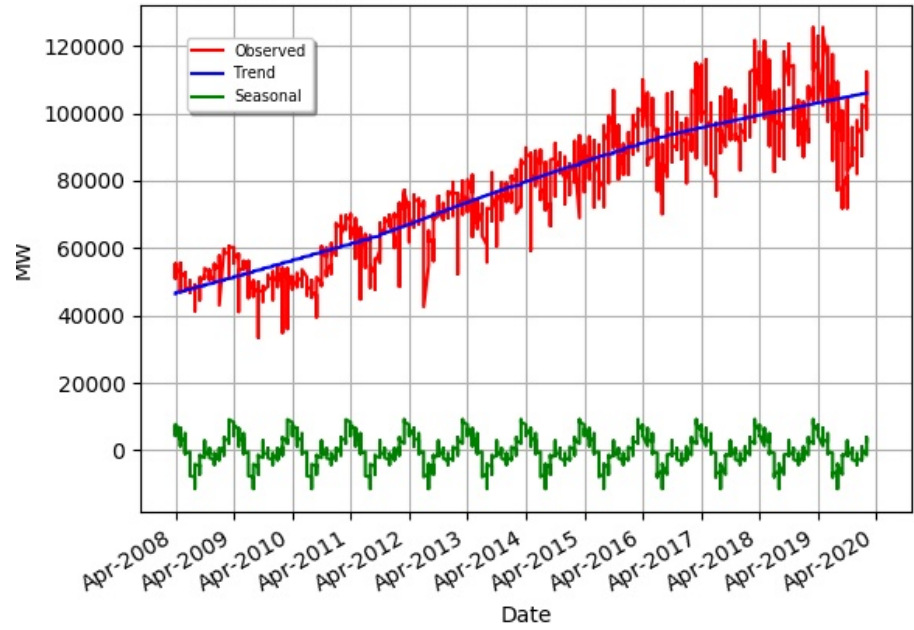
All India Daily Flexibility Generation(%) Decomposition



All India Daily Maximum Generation(MW) Decomposition

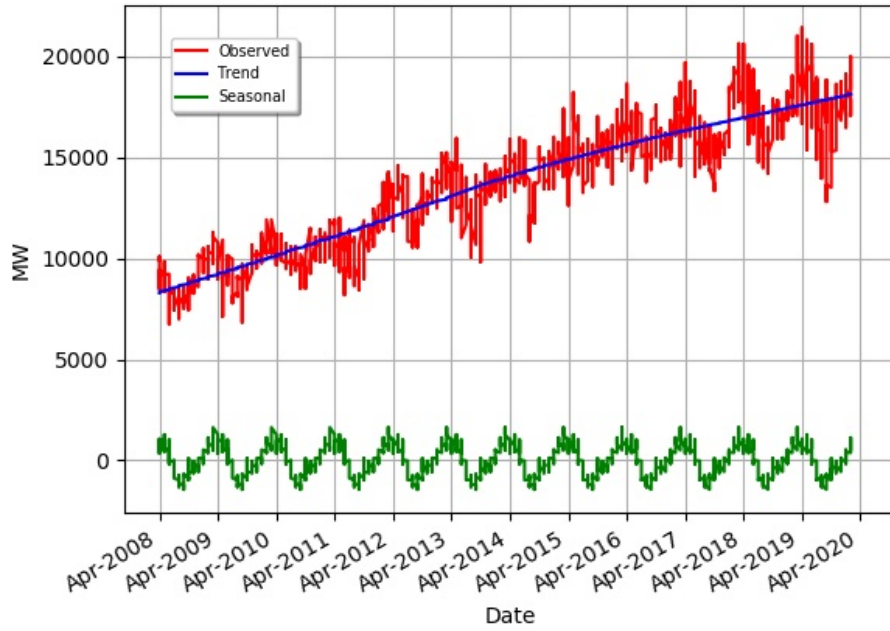


All India Daily Minimum Generation(MW) Decomposition

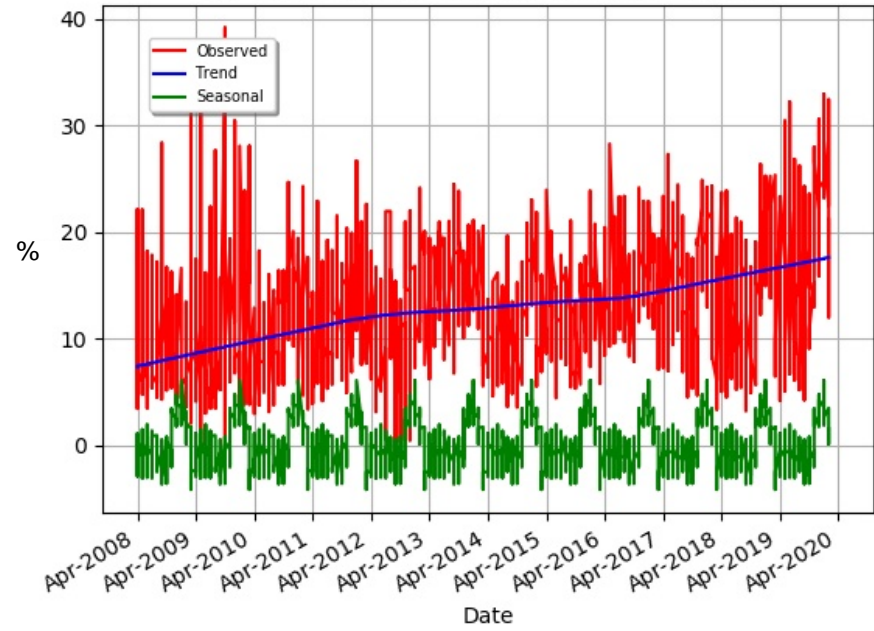




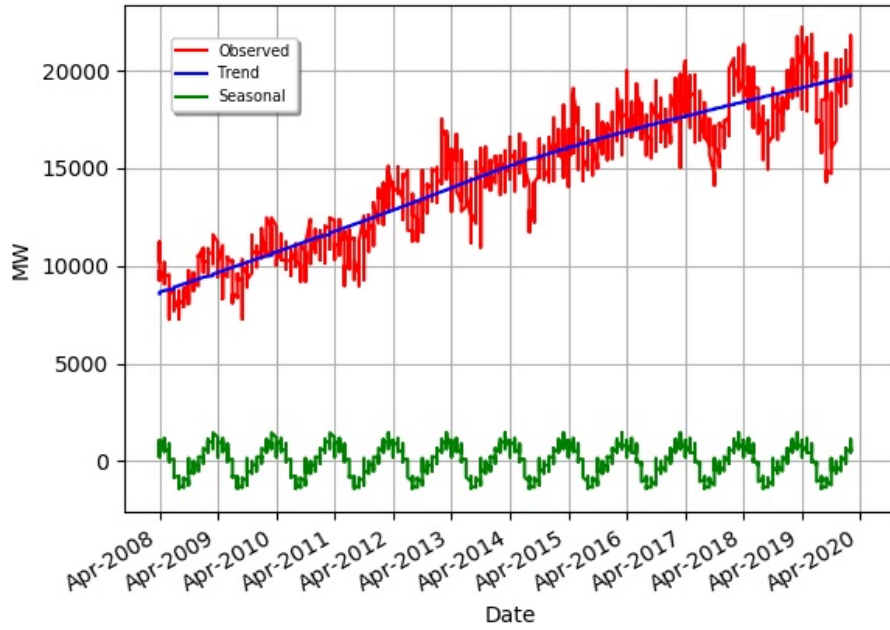
ER Daily Average Generation (MW) Decomposition



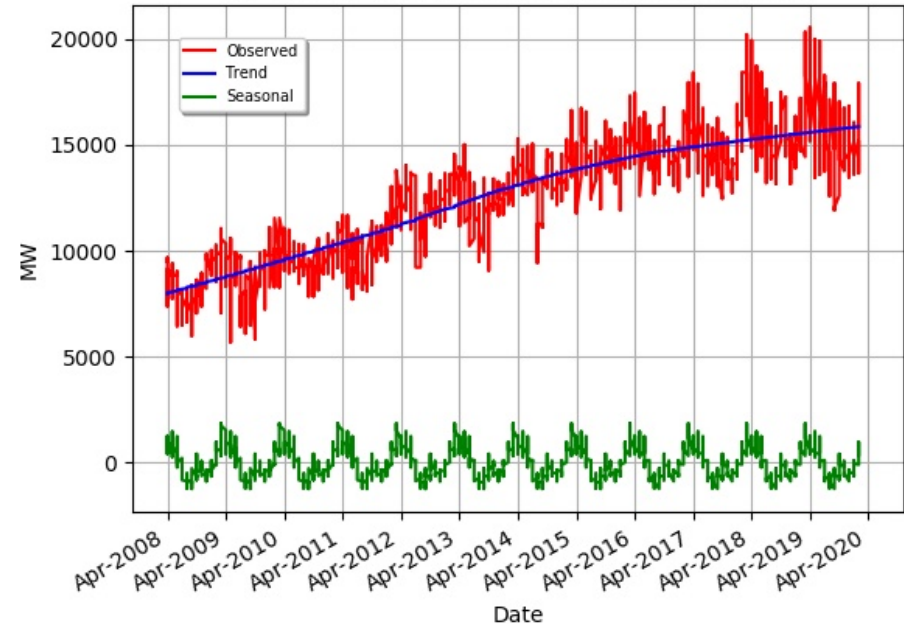
ER Daily Flexibility Generation(%) Decomposition



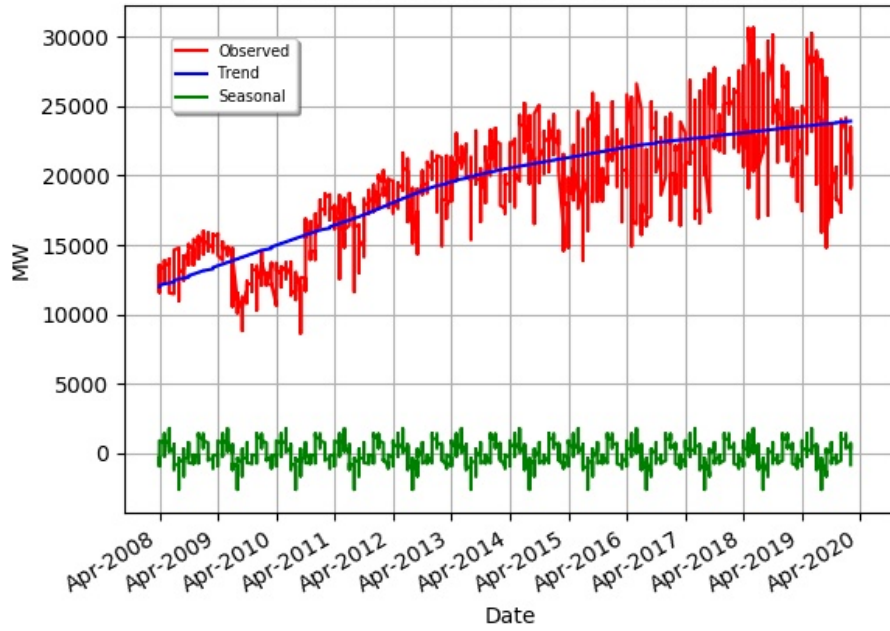
ER Daily Maximum Generation(MW) Decomposition



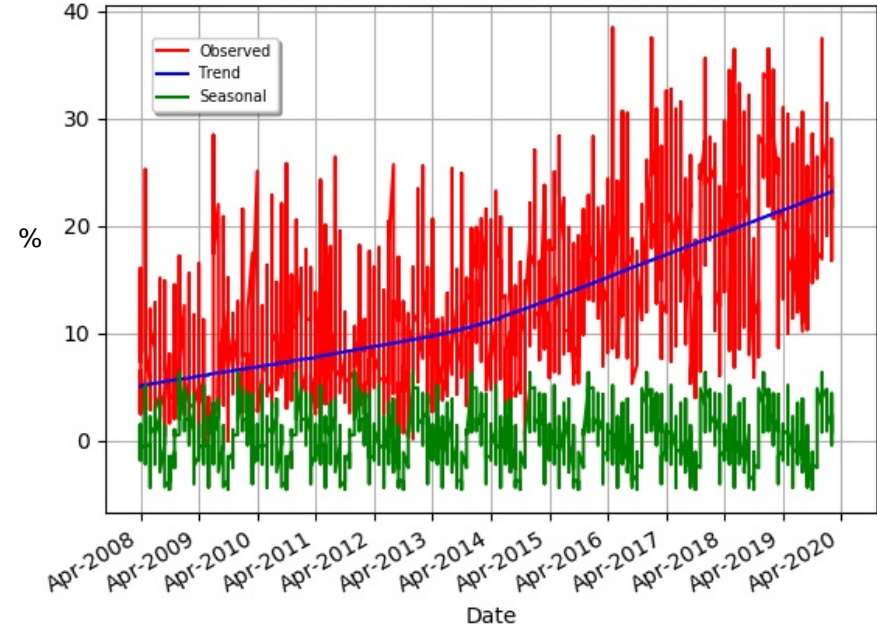
ER Daily Minimum Generation(MW) Decomposition



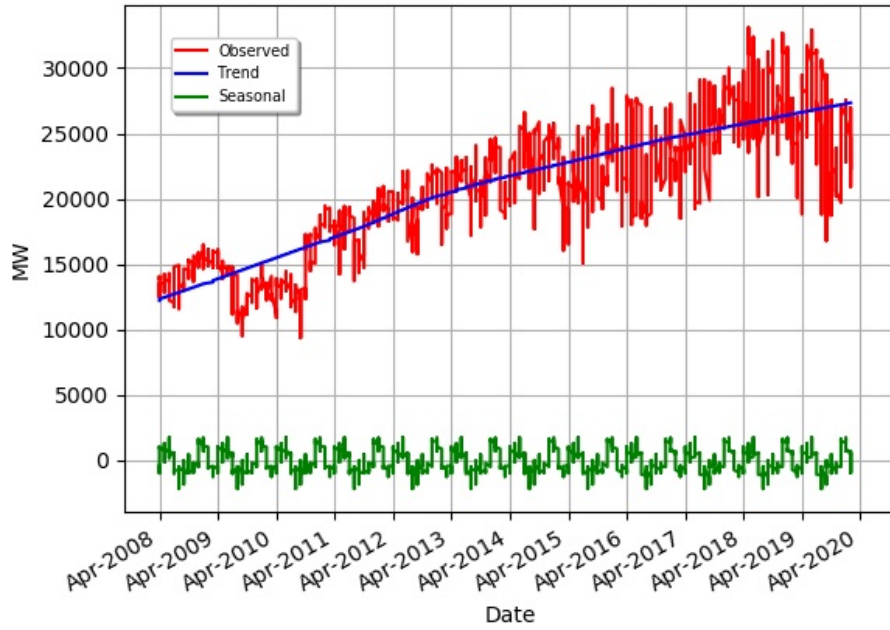
NR Daily Average Generation(MW) Decomposition



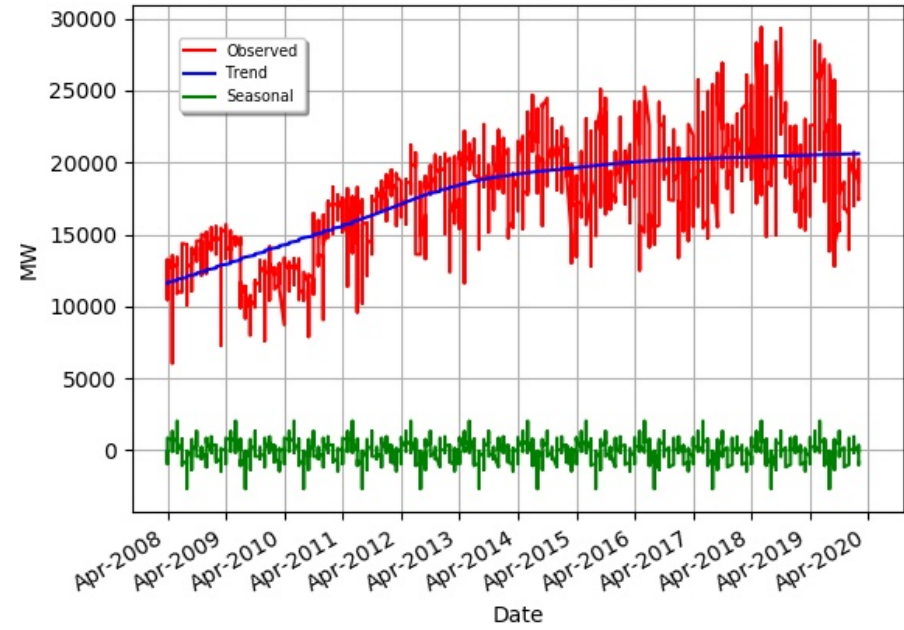
NR Daily Flexibility Generation(%) Decomposition



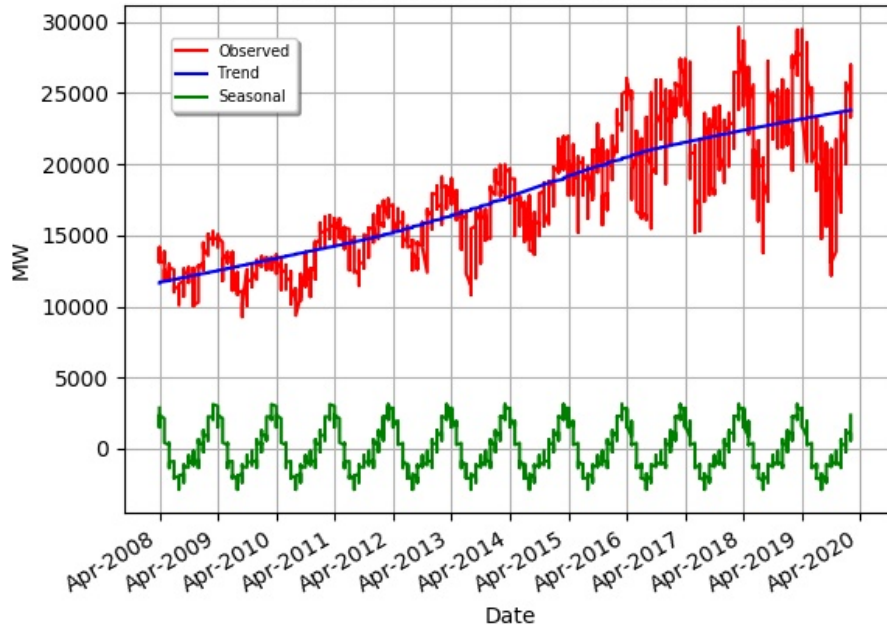
NR Daily Maximum Generation(MW) Decomposition



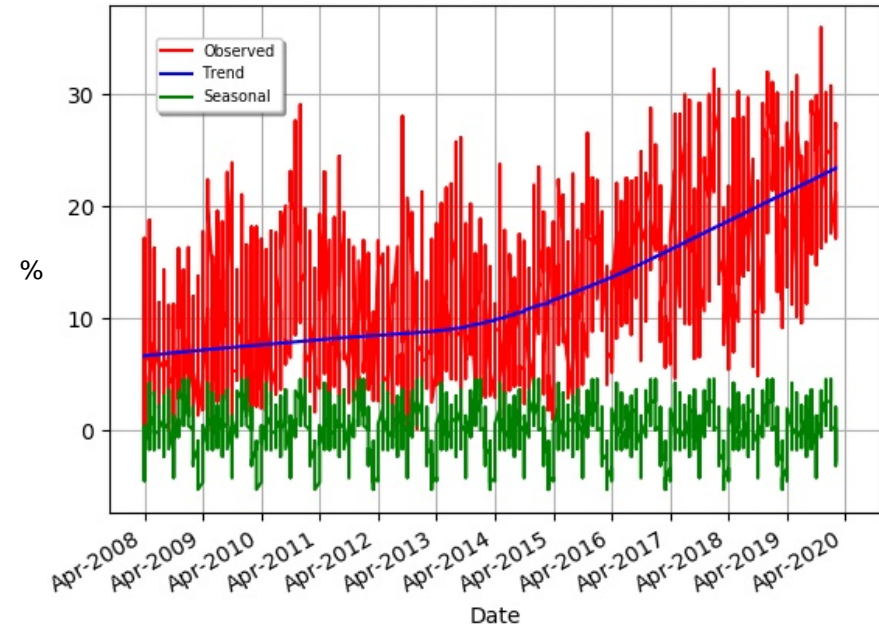
NR Daily Minimum Generation(MW) Decomposition



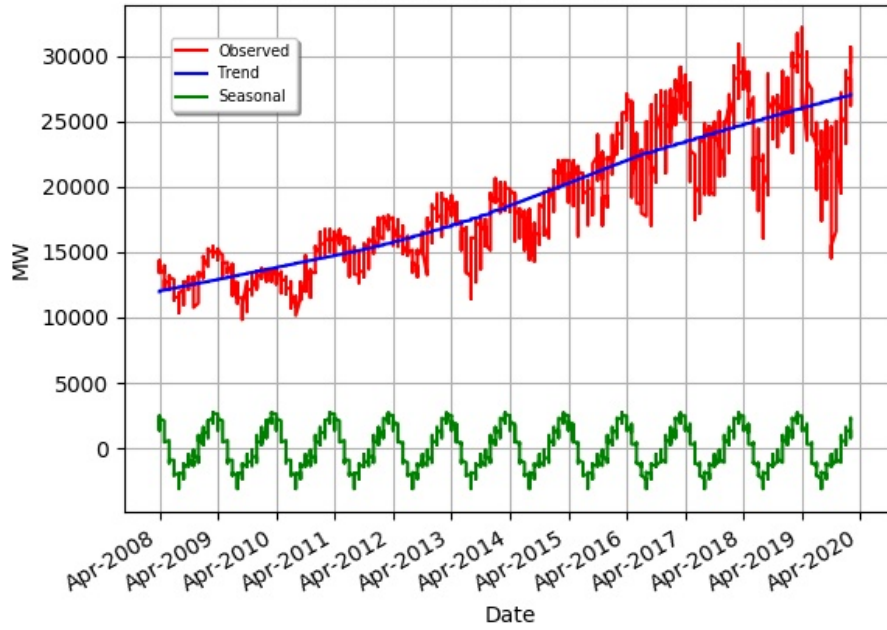
SR Daily Average Generation(MW) Decomposition



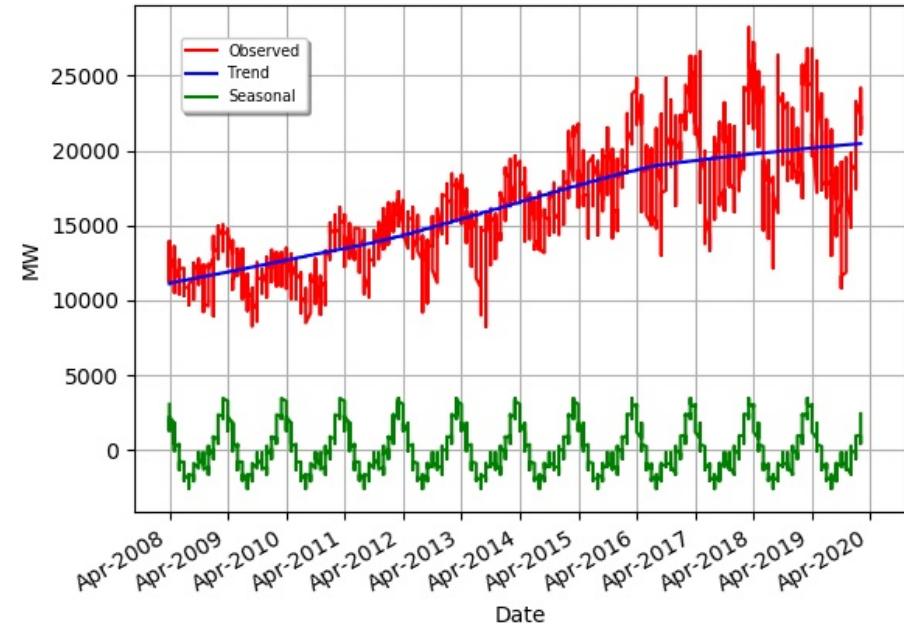
SR Daily Flexibility Generation(%) Decomposition



SR Daily Maximum Generation(MW) Decomposition

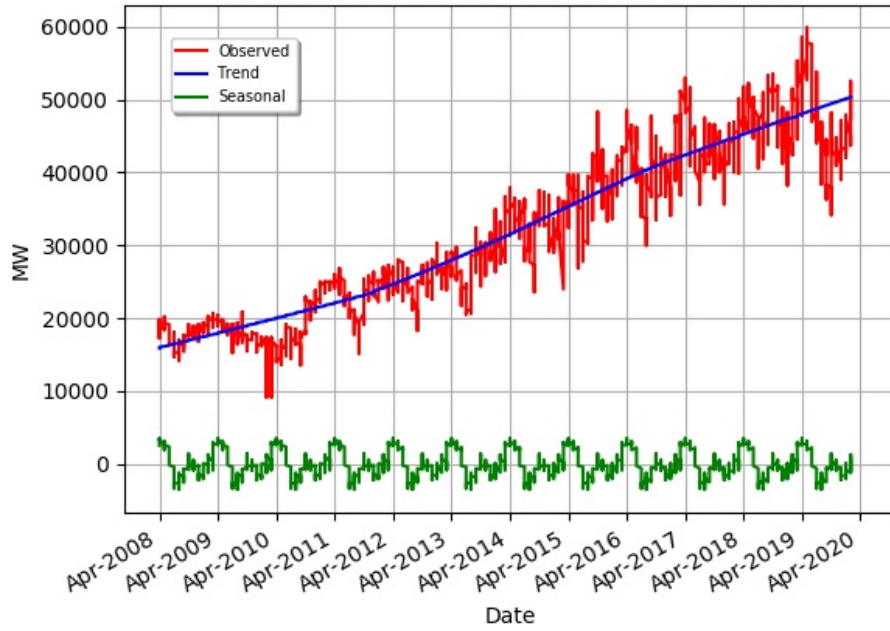


SR Daily Minimum Generation(MW) Decomposition

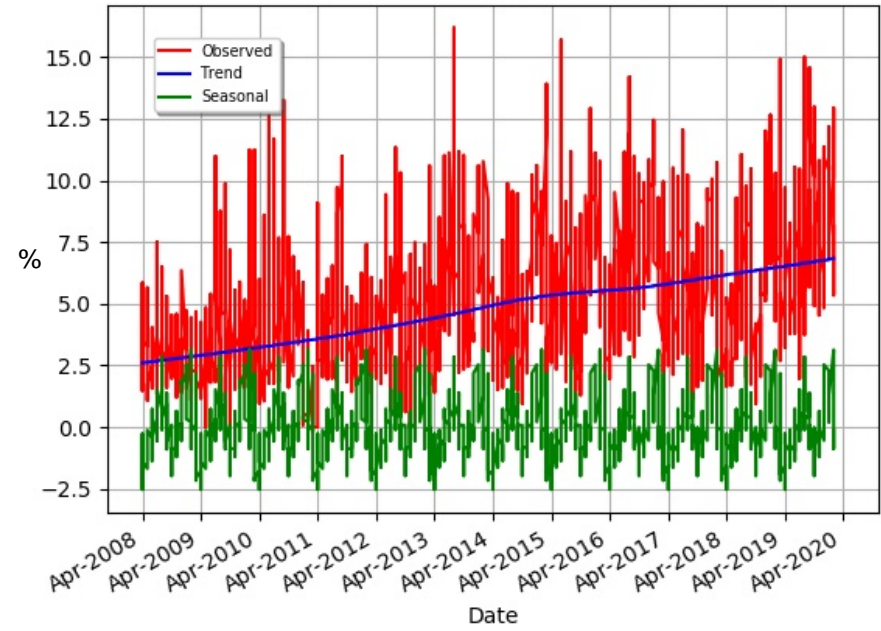




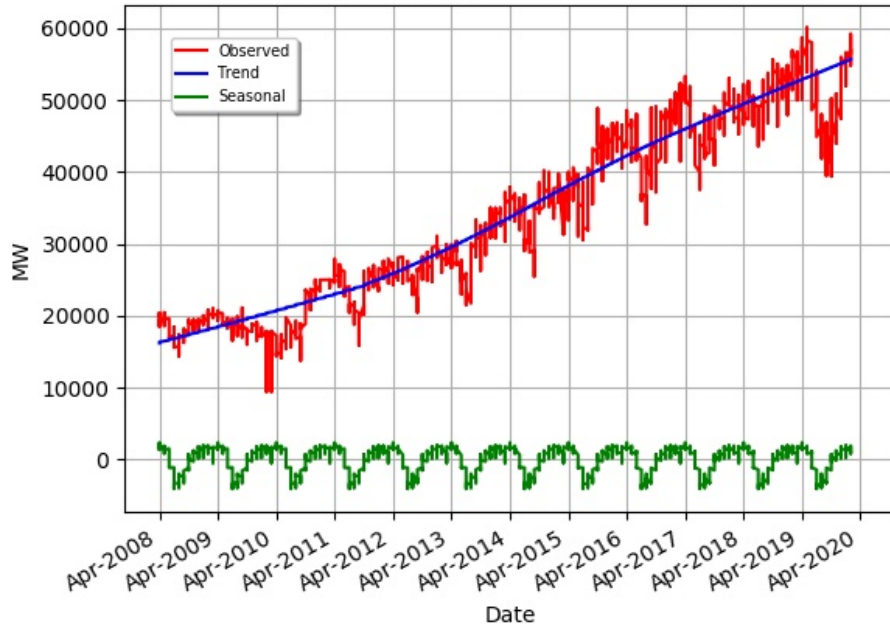
WR Daily Average Generation(MW) Decomposition



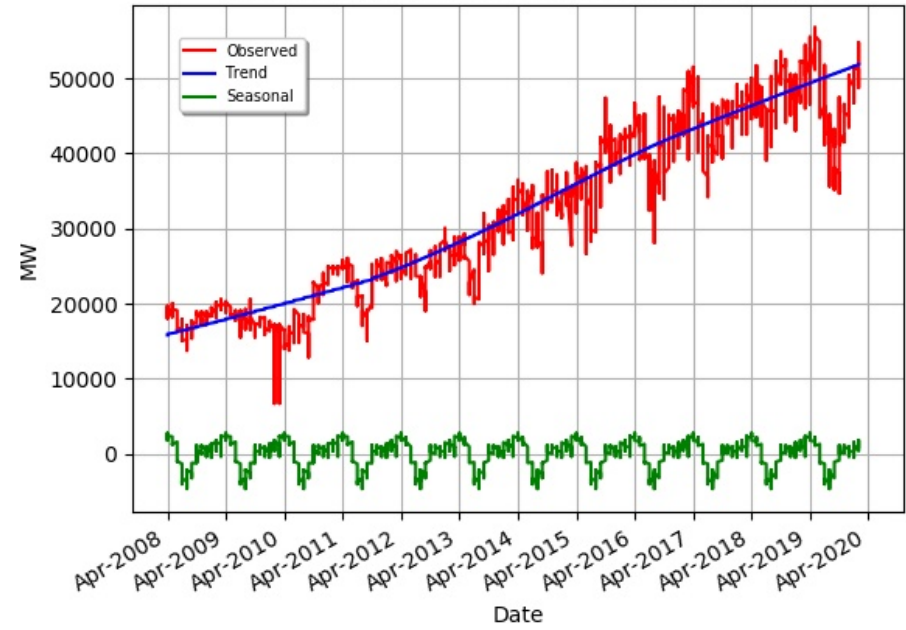
WR Daily Flexibility Generation(%) Decomposition



WR Daily Maximum Generation(MW) Decomposition



WR Daily Minimum Generation(MW) Decomposition





# **Annexure - B**

**Annexure B1 - Ranking based on Average Flexibility (%)**

Flexibility of a generating unit is computed as ratio of difference between maximum and minimum generation in day to its Installed Capacity(IC). Daywise flexibility thus arrived is averaged over the entire period of operation considered.

Flexibility (%):  $(\text{Maximum Generation in a day} - \text{Minimum Generation in a day}) \times 100 / (\text{Installed Capacity})$

This index is calculated using 15min SCADA Data between 1st April 2011 and 31st March 2018. Generation less than 30% of IC in a block is not considered for the analysis.

S.No	Generating Unit Name	Installed Capacity (MW)	Region	Variable cost (Ps/kWh)	Days of operation considered	Flexibility (% of IC)
1	SIKKA REP TPS UNIT - 4	250	WR	378	54	47
2	GOINDWAL SAHIB TPP UNIT - 1	270	NR	294	250	47
3	GOINDWAL SAHIB TPP UNIT - 2	270	NR	294	116	43
4	HALDIA TPP UNIT - 1	300	ER	277	1000	42
5	TALWANDI SABO TPP UNIT - 3	660	NR	285	635	42
6	MB POWER TPP UNIT - 2	600	WR	200	297	42
7	HALDIA TPP UNIT - 2	300	ER	277	952	42
8	SHREE SINGAJI TPP UNIT - 1	600	WR	274	322	41
9	BONGAIGAON TPP UNIT - 2	250	NER	297	139	41
10	MAUDA TPS UNIT - 1	500	WR	318	866	40
11	MEENAKSHI ENERGY LIMITED UNIT - 2	150	SR	239	601	40
12	KUDGI STPP UNIT - 1	800	SR	356	231	39
13	MAUDA TPS UNIT - 2	500	WR	318	684	39
14	RAJPURA TPP UNIT - 2	700	NR	226	1191	38
15	MAHATMA GANDHI TPS UNIT - 1	660	NR	357	908	37
16	LALITPUR TPS UNIT - 3	660	NR	285	302	37
17	RAJIV GANDHI TPS UNIT - 2	600	NR	369	811	37
18	LALITPUR TPS UNIT - 2	660	NR	285	348	37
19	TUTICORIN (JV) TPP (NTPL) UNIT - 2	500	SR	315	809	37
20	LANCO AMARKANTAK TPS UNIT - 1	300	WR	246	2364	37
21	RAJPURA TPP UNIT - 1	700	NR	226	1064	37
22	TALWANDI SABO TPP UNIT - 2	660	NR	285	835	36
23	RAJIV GANDHI TPS UNIT - 1	600	NR	369	853	36
24	LALITPUR TPS UNIT - 1	660	NR	285	406	36
25	MEENAKSHI ENERGY LIMITED UNIT - 1	150	SR	239	437	35
26	TALWANDI SABO TPP UNIT - 1	660	NR	285	408	35
27	MAHATMA GANDHI TPS UNIT - 2	660	NR	357	887	35
28	TROMBAY TPS UNIT - 6	500	WR	411	700	35
29	VINDHYACHAL STPS UNIT - 11	500	WR	154	1379	35
30	UDUPI PCL UNIT - 2	600	SR	382	1579	35
31	VINDHYACHAL STPS UNIT - 13	500	WR	156	831	34
32	BHAVNAGAR CFBC TPP UNIT - 1	250	WR	263	126	34
33	TUTICORIN (JV) TPP (NTPL) UNIT - 1	500	SR	315	833	34
34	INDIRA GANDHI STPP UNIT - 1	500	NR	279	1751	34
35	DERANG TPP UNIT - 1	600	ER	175	682	34
36	VINDHYACHAL STPS UNIT - 12	500	WR	154	1360	33
37	INDIRA GANDHI STPP UNIT - 3	500	NR	279	1238	33
38	BOKARO 'B' TPS UNIT - 3	210	ER	211	1109	33
39	SEMBCORP ENERGY INDIA Ltd P- 2 UNIT - 1	660	SR	221	442	33
40	NEYVELI TPS(Z) UNIT - 1	250	SR	237	567	33
41	CHANDRAPUR(MAHARASHTRA) STPS UNIT - 8	500	WR	224	481	33
42	ANPARA D TPS UNIT - 2	500	NR	126	380	33
43	DERANG TPP UNIT - 2	600	ER	175	813	33
44	INDIRA GANDHI STPP UNIT - 2	500	NR	279	1427	33
45	IL&FS TAMIL NADU PCL UNIT - 1	600	SR	293	674	33
46	VALLUR TPP UNIT - 2	500	SR	320	946	33
47	UDUPI PCL UNIT - 1	600	SR	382	2012	32
48	BUDGE BUDGE TPS UNIT - 1	250	ER	266	1719	32
49	FARAKKA STPS UNIT - 3	200	ER	240	1817	32
50	COASTAL ENERGEN UNIT - 1	600	SR	321	585	32
51	CHHABRA TPP UNIT - 1	250	NR	227	883	32
52	VIZAG TPP UNIT - 2	520	SR	276	326	32
53	RIHAND STPS UNIT - 5	500	NR	141	1785	32
54	VINDHYACHAL STPS UNIT - 1	210	WR	163	2376	32
55	BONGAIGAON TPP UNIT - 1	250	NER	297	583	32
56	SIMHADRI STPS UNIT - 4	500	SR	317	1060	32
57	PANIPAT TPS UNIT - 6	210	NR	389	276	31
58	RAICHUR TPS UNIT - 7	210	SR	391	2051	31
59	BUDGE BUDGE TPS UNIT - 2	250	ER	266	1826	31



**Annexure B1 - Ranking based on Average Flexibility (%)**

Flexibility of a generating unit is computed as ratio of difference between maximum and minimum generation in day to its Installed Capacity(IC). Daywise flexibility thus arrived is averaged over the entire period of operation considered.

Flexibility (%): (Maximum Generation in a day – Minimum Generation in a day)x100/(Installed Capacity)

This index is calculated using 15min SCADA Data between 1st April 2011 and 31st March 2018. Generation less than 30% of IC in a block is not considered for the analysis.

S.No	Generating Unit Name	Installed Capacity (MW)	Region	Variable cost (Ps/kWh)	Days of operation considered	Flexibility (% of IC)
60	GURU GOBIND SINGH TPS UNIT - 6	210	NR	372	410	31
61	JHABUA POWER TPP UNIT - 1	600	WR	181	231	31
62	CHHABRA TPP UNIT - 2	250	NR	227	1035	31
63	FARAKKA STPS UNIT - 2	200	ER	240	1782	31
64	RAYALASEEMA TPS UNIT - 5	210	SR	412	961	31
65	IL&FS TAMIL NADU PCL UNIT - 2	600	SR	293	418	31
66	BAKRESWAR TPS UNIT - 4	210	ER	252	1681	31
67	MB POWER TPP UNIT - 1	600	WR	199.7	815	31
68	KODARMA TPP UNIT - 1	500	ER	282	608	31
69	BALCO TPS UNIT - 2	300	WR	307	493	31
70	GURU GOBIND SINGH TPS UNIT - 4	210	NR	372	495	31
71	SIKKA REP TPS UNIT - 3	250	WR	378	53	31
72	GURU HARGOBIND SINGH TPS UNIT - 4	250	NR	361	656	31
73	FARAKKA STPS UNIT - 1	200	ER	240	1790	31
74	BUTIBORI TPP UNIT - 1	300	WR	245	469	31
75	TROMBAY TPS UNIT - 5	500	WR	411	2384	31
76	MUNDRA UMTPP UNIT - 4	830	WR	197	1571	30
77	GURU GOBIND SINGH TPS UNIT - 1	210	NR	372	412	30
78	BAKRESWAR TPS UNIT - 5	210	ER	252	1777	30
79	KAMALANGA TPS UNIT - 2	350	ER	170	1225	30
80	VINDHYACHAL STPS UNIT - 4	210	WR	163	2289	30
81	FARAKKA STPS UNIT - 4	500	ER	240	1693	30
82	MUNDRA TPS UNIT - 8	660	WR	196	1995	30
83	SATPURA TPS UNIT - 11	250	WR	209	655	30
84	RAICHUR TPS UNIT - 6	210	SR	391	2189	30
85	MEJIA TPS UNIT - 7	500	ER	240	1666	30
86	SEMBCORP ENERGY INDIA Ltd P- 2 UNIT - 2	660	SR	221	356	30
87	MEJIA TPS UNIT - 1	210	ER	293	1322	30
88	AMARAVATI TPS UNIT - 4	270	WR	303	478	30
89	DADRI (NCTPP) UNIT - 6	490	NR	384	2237	30
90	GURU GOBIND SINGH TPS UNIT - 5	210	NR	372	558	30
91	RAYALASEEMA TPS UNIT - 4	210	SR	412	2382	30
92	DADRI (NCTPP) UNIT - 5	490	NR	384	2255	30
93	VINDHYACHAL STPS UNIT - 2	210	WR	163	2281	30
94	WANAKBORI TPS UNIT - 5	210	WR	412	1511	30
95	MAUDA TPS UNIT - 4	660	WR	312	49	30
96	GANDHI NAGAR TPS UNIT - 3	210	WR	422	1406	30
97	GURU GOBIND SINGH TPS UNIT - 3	210	NR	372	479	30
98	RAICHUR TPS UNIT - 2	210	SR	391	1848	29
99	VINDHYACHAL STPS UNIT - 3	210	WR	163	2324	29
100	DURGAPUR STEEL TPS UNIT - 1	500	ER	250	1561	29
101	KORADI TPS UNIT - 10	660	WR	217	321	29
102	RAYALASEEMA TPS UNIT - 2	210	SR	412	2303	29
103	DADRI (NCTPP) UNIT - 1	210	NR	414	1059	29
104	RAYALASEEMA TPS UNIT - 1	210	SR	412	2299	29
105	DURGAPUR STEEL TPS UNIT - 2	500	ER	250	1097	29
106	NIGRI TPP UNIT - 2	660	WR	65	800	29
107	SIMHAPURI ENERGY LIMITED UNIT - 2	150	SR	239	358	29
108	MUNDRA TPS UNIT - 2	330	WR	174	1760	29
109	RAICHUR TPS UNIT - 5	210	SR	391	2068	29
110	DADRI (NCTPP) UNIT - 4	210	NR	414	1203	29
111	Dr. N.TATA RAO TPS UNIT - 7	500	SR	314	2315	29
112	MUNDRA UMTPP UNIT - 3	830	WR	197	1692	29
113	VALLUR TPP UNIT - 1	500	SR	320	1487	29
114	LANCO AMARKANTAK TPS UNIT - 2	300	WR	252	1403	29
115	Dr. N.TATA RAO TPS UNIT - 5	210	SR	329	2375	29
116	VALLUR TPP UNIT - 3	500	SR	320	606	29
117	DURGAPUR TPS UNIT - 4	210	ER	371	1189	29
118	SOLAPUR TPP UNIT - 1	660	WR	352	86	29

**Annexure B1 - Ranking based on Average Flexibility (%)**

Flexibility of a generating unit is computed as ratio of difference between maximum and minimum generation in day to its Installed Capacity(IC). Daywise flexibility thus arrived is averaged over the entire period of operation considered.

Flexibility (%): (Maximum Generation in a day – Minimum Generation in a day)x100/(Installed Capacity)

This index is calculated using 15min SCADA Data between 1st April 2011 and 31st March 2018. Generation less than 30% of IC in a block is not considered for the analysis.

S.No	Generating Unit Name	Installed Capacity (MW)	Region	Variable cost (Ps/kWh)	Days of operation considered	Flexibility (% of IC)
119	UNCHAHAR TPS UNIT - 4	210	NR	358	2430	29
120	DADRI (NCTPP) UNIT - 2	210	NR	414	912	29
121	RAICHUR TPS UNIT - 1	210	SR	391	1882	29
122	UNCHAHAR TPS UNIT - 3	210	NR	358	2400	29
123	MUNDRA TPS UNIT - 1	330	WR	174	1777	29
124	SURATGARH TPS UNIT - 5	250	NR	330	571	29
125	SURATGARH TPS UNIT - 2	250	NR	330	616	29
126	VINDHYACHAL STPS UNIT - 5	210	WR	163	2249	29
127	BALCO TPS UNIT - 1	300	WR	307	673	29
128	KAMALANGA TPS UNIT - 1	350	ER	170	1032	29
129	SEMBCORP ENERGY INDIA Ltd P- 1 UNIT - 2	660	SR	221	799	29
130	MEJIA TPS UNIT - 3	210	ER	293	1547	29
131	MUNDRA TPS UNIT - 9	660	WR	196	1918	29
132	BARH II UNIT - 5	660	ER	234	726	29
133	GANDHI NAGAR TPS UNIT - 4	210	WR	422	1434	29
134	BAKRESWAR TPS UNIT - 1	210	ER	252	1721	29
135	DADRI (NCTPP) UNIT - 3	210	NR	414	1231	29
136	VIZAG TPP UNIT - 1	520	SR	276	421	29
137	BAKRESWAR TPS UNIT - 3	210	ER	252	1736	29
138	BANDEL TPS UNIT - 5	215	ER	398	1416	28
139	MUNDRA TPS UNIT - 7	660	WR	196	1946	28
140	FARAKKA STPS UNIT - 5	500	ER	240	1622	28
141	WANAKBORI TPS UNIT - 4	210	WR	412	1566	28
142	MEJIA TPS UNIT - 2	210	ER	293	1497	28
143	UKAI TPS UNIT - 3	200	WR	363	1958	28
144	MEJIA TPS UNIT - 8	500	ER	240	1339	28
145	RAYALASEEMA TPS UNIT - 3	210	SR	412	2400	28
146	MUNDRA UMTPP UNIT - 1	830	WR	197	1710	28
147	ESSAR VADINAR(EPGL) UNIT - 2	600	WR	302	410	28
148	PRAYAGRAJ TPP UNIT - 1	660	NR	249	442	28
149	RAICHUR TPS UNIT - 8	250	SR	391	1754	28
150	DB POWER TPS UNIT - 2	600	WR	226	613	28
151	Dr. N.TATA RAO TPS UNIT - 6	210	SR	329	2386	28
152	KAHALGAON TPS UNIT - 1	210	ER	241	2369	28
153	DB POWER TPS UNIT - 1	600	WR	226	877	28
154	NORTH CHENNAI TPS UNIT - 5	600	SR	304	1073	28
155	MAITHON RB TPP UNIT - 2	525	ER	279	1693	28
156	CHANDRAPUR(MAHARASHTRA) STPS UNIT - 9	500	WR	224	432	28
157	NORTH CHENNAI TPS UNIT - 4	600	SR	304	1040	28
158	KORADI TPS UNIT - 6	210	WR	217	1234	28
159	UNCHAHAR TPS UNIT - 5	210	NR	358	2467	28
160	ROSA TPP UNIT - 1	300	NR	317	1186	28
161	ROSA TPP UNIT - 3	300	NR	317	1097	27
162	BHUSAWAL TPS UNIT - 5	500	WR	274	589	27
163	BHUSAWAL TPS UNIT - 4	500	WR	274	585	27
164	KHAPARKHEDA TPS UNIT - 1	210	WR	273	2106	27
165	SIMHADRI STPS UNIT - 3	500	SR	317	2151	27
166	MEJIA TPS UNIT - 4	210	ER	293	1289	27
167	UKAI TPS UNIT - 6	500	WR	363	581	27
168	AMARAVATI TPS UNIT - 1	270	WR	303	578	27
169	MEJIA TPS UNIT - 5	250	ER	293	1309	27
170	GURU GOBIND SINGH TPS UNIT - 2	210	NR	372	469	27
171	VINDHYACHAL STPS UNIT - 9	500	WR	156	2366	27
172	AMARAVATI TPS UNIT - 3	270	WR	303	444	27
173	GURU HARGOBIND SINGH TPS UNIT - 2	210	NR	361	525	27
174	KAWAI TPS UNIT - 2	660	NR	260	892	27
175	UKAI TPS UNIT - 4	200	WR	363	1972	27
176	SATPURA TPS UNIT - 10	250	WR	209	757	27
177	SIMHAPURI ENERGY LIMITED UNIT - 1	150	SR	239	392	27

**Annexure B1 - Ranking based on Average Flexibility (%)**

Flexibility of a generating unit is computed as ratio of difference between maximum and minimum generation in day to its Installed Capacity(IC). Daywise flexibility thus arrived is averaged over the entire period of operation considered.

Flexibility (%): (Maximum Generation in a day – Minimum Generation in a day)x100/(Installed Capacity)

This index is calculated using 15min SCADA Data between 1st April 2011 and 31st March 2018. Generation less than 30% of IC in a block is not considered for the analysis.

S.No	Generating Unit Name	Installed Capacity (MW)	Region	Variable cost (Ps/kWh)	Days of operation considered	Flexibility (% of IC)
178	KAHALGAON TPS UNIT - 3	210	ER	241	2376	27
179	AMARAVATI TPS UNIT - 5	270	WR	303	292	27
180	ROSA TPP UNIT - 4	300	NR	317	1138	27
181	UKAI TPS UNIT - 5	210	WR	363	1988	27
182	PARLI TPS UNIT - 4	210	WR	224	849	27
183	MUNDRA UMTPP UNIT - 2	830	WR	197	1799	27
184	ANPARA D TPS UNIT - 1	500	NR	126	567	27
185	KAHALGAON TPS UNIT - 4	210	ER	252	2350	27
186	RAGHUNATHPUR TPP UNIT - 2	600	ER	286	175	27
187	UNCHAHAR TPS UNIT - 2	210	NR	358	2384	27
188	BUTIBORI TPP UNIT - 2	300	WR	245	665	27
189	VINDHYACHAL STPS UNIT - 10	500	WR	156	2343	27
190	MAITHON RB TPP UNIT - 1	525	ER	279	1212	27
191	GURU HARGOBIND SINGH TPS UNIT - 3	250	NR	361	799	27
192	KAHALGAON TPS UNIT - 2	210	ER	241	2396	27
193	SURATGARH TPS UNIT - 3	250	NR	330	642	27
194	ANPARA C TPS UNIT - 2	600	NR	206	1168	26
195	VINDHYACHAL STPS UNIT - 8	500	WR	158	2334	26
196	ROSA TPP UNIT - 2	300	NR	317	1168	26
197	SEMBCORP ENERGY INDIA Ltd P- 1 UNIT - 1	660	SR	221	939	26
198	Dr. N.TATA RAO TPS UNIT - 4	210	SR	329	2373	26
199	AMARAVATI TPS UNIT - 2	270	WR	303	579	26
200	MUNDRA UMTPP UNIT - 5	830	WR	197	1490	26
201	UNCHAHAR TPS UNIT - 1	210	NR	358	2395	26
202	ESSAR VADINAR(EPGL) UNIT - 1	600	WR	302	515	26
203	SURATGARH TPS UNIT - 6	250	NR	330	504	26
204	RAICHUR TPS UNIT - 3	210	SR	391	2010	26
205	PARAS TPS UNIT - 4	250	WR	224	2317	26
206	VINDHYACHAL STPS UNIT - 7	500	WR	158	2317	26
207	MUNDRA TPS UNIT - 3	330	WR	174	2147	26
208	RIHAND STPS UNIT - 6	500	NR	141	1290	26
209	NIGRI TPP UNIT - 1	660	WR	65	952	26
210	OBRA TPS UNIT - 11	200	NR	177	445	26
211	RAICHUR TPS UNIT - 4	210	SR	391	2172	26
212	BARH II UNIT - 4	660	ER	234	1154	26
213	KHAPARKHEDA TPS UNIT - 2	210	WR	273	2170	26
214	SIMHAPURI ENERGY LIMITED UNIT - 3	150	SR	239	466	26
215	MEJIA TPS UNIT - 6	250	ER	293	1657	26
216	NORTH CHENNAI TPS UNIT - 1	210	SR	307	2137	26
217	KOTA TPS UNIT - 4	210	NR	300	1081	26
218	RIHAND STPS UNIT - 2	500	NR	141	2348	26
219	BALCO TPS UNIT - 4	300	WR	307	689	26
220	SURATGARH TPS UNIT - 4	250	NR	330	709	26
221	MUNDRA TPS UNIT - 4	330	WR	174	2132	26
222	OBRA TPS UNIT - 10	200	NR	177	526	26
223	MUNDRA TPS UNIT - 6	660	WR	135	1441	26
224	SIMHAPURI ENERGY LIMITED UNIT - 4	150	SR	239	492	26
225	KORADI TPS UNIT - 7	210	WR	226	1815	26
226	WANAKBORI TPS UNIT - 1	210	WR	412	1741	26
227	TUTICORIN TPS UNIT - 3	210	SR	313	2030	26
228	SAGARDIGHI TPS UNIT - 4	500	ER	343	149	26
229	PARICHHA TPS UNIT - 4	210	NR	311	1163	26
230	SANTALDIH TPS UNIT - 5	250	ER	262	1397	25
231	CHANDRAPURA(DVC) TPS UNIT - 7	250	ER	204	1656	25
232	BALCO TPS UNIT - 3	300	WR	307	798	25
233	KOLAGHAT TPS UNIT - 5	210	ER	385	2104	25
234	SINGARENI TPP UNIT - 1	600	SR	266	537	25
235	WANAKBORI TPS UNIT - 6	210	WR	412	1369	25
236	RAGHUNATHPUR TPP UNIT - 1	600	ER	286	298	25

**Annexure B1 - Ranking based on Average Flexibility (%)**

Flexibility of a generating unit is computed as ratio of difference between maximum and minimum generation in day to its Installed Capacity(IC). Daywise flexibility thus arrived is averaged over the entire period of operation considered.

Flexibility (%): (Maximum Generation in a day – Minimum Generation in a day)x100/(Installed Capacity)

This index is calculated using 15min SCADA Data between 1st April 2011 and 31st March 2018. Generation less than 30% of IC in a block is not considered for the analysis.

S.No	Generating Unit Name	Installed Capacity (MW)	Region	Variable cost (Ps/kWh)	Days of operation considered	Flexibility (% of IC)
237	GMR CHATTISGARH TPP UNIT - 2	685	WR	162	133	25
238	TUTICORIN TPS UNIT - 2	210	SR	313	2138	25
239	RAMAGUNDAM STPS UNIT - 6	500	SR	270	2415	25
240	VINDHYACHAL STPS UNIT - 6	210	WR	163	2364	25
241	CHANDRAPURA(DVC) TPS UNIT - 8	250	ER	204	1601	25
242	KAHALGAON TPS UNIT - 5	500	ER	252	2320	25
243	RIHAND STPS UNIT - 3	500	NR	141	2409	25
244	KAMALANGA TPS UNIT - 3	350	ER	170	1292	25
245	KOTHAGUEDEM TPS (NEW) UNIT - 11	500	SR	259	1395	25
246	ANPARA C TPS UNIT - 1	600	NR	206	1192	25
247	RIHAND STPS UNIT - 4	500	NR	141	2359	25
248	BUDGE BUDGE TPS UNIT - 3	250	ER	266	1807	25
249	KOLAGHAT TPS UNIT - 3	210	ER	385	1765	25
250	SURATGARH TPS UNIT - 1	250	NR	330	609	25
251	Dr. N.TATA RAO TPS UNIT - 2	210	SR	329	2255	25
252	MUNDRA TPS UNIT - 5	660	WR	135	1810	24
253	NORTH CHENNAI TPS UNIT - 2	210	SR	307	2202	24
254	Dr. N.TATA RAO TPS UNIT - 3	210	SR	329	2403	24
255	SIMHADRI STPS UNIT - 1	500	SR	320	2387	24
256	SANTALDIH TPS UNIT - 6	250	ER	262	1689	24
257	WANAKBORI TPS UNIT - 2	210	WR	412	1649	24
258	KODARMA TPP UNIT - 2	500	ER	282	1067	24
259	KAKATIYA TPS UNIT - 1	500	SR	282	2248	24
260	SATPURA TPS UNIT - 7	210	WR	253	1517	24
261	RAMAGUNDAM STPS UNIT - 4	500	SR	270	2339	24
262	KAHALGAON TPS UNIT - 6	500	ER	252	2272	24
263	METTUR TPS UNIT - 5	600	SR	362	880	24
264	KAKATIYA TPS UNIT - 2	600	SR	277	641	24
265	PARICHHA TPS UNIT - 5	250	NR	293	1082	24
266	SATPURA TPS UNIT - 9	210	WR	253	1276	24
267	PARAS TPS UNIT - 3	250	WR	224	2062	24
268	BELLARY TPS UNIT - 1	500	SR	395	1654	24
269	KORADI TPS UNIT - 9	660	WR	217	436	24
270	PARICHHA TPS UNIT - 6	250	NR	293	1124	24
271	KAHALGAON TPS UNIT - 7	500	ER	252	2241	24
272	KOLAGHAT TPS UNIT - 1	210	ER	385	1903	24
273	KORADI TPS UNIT - 8	660	WR	226	588	24
274	CHANDRAPUR(MAHARASHTRA) STPS UNIT - 4	210	WR	231	2100	23
275	SANJAY GANDHI TPS UNIT - 2	210	WR	221	1945	23
276	SINGRAULI STPS UNIT - 7	500	NR	147	2288	23
277	SINGARENI TPP UNIT - 2	600	SR	266	490	23
278	BELLARY TPS UNIT - 2	500	SR	395	1529	23
279	KOLAGHAT TPS UNIT - 6	210	ER	385	1961	23
280	KALISINDH TPS UNIT - 2	600	NR	267	568	23
281	KOLAGHAT TPS UNIT - 2	210	ER	385	1985	23
282	RAMAGUNDAM STPS UNIT - 5	500	SR	270	2345	23
283	SINGRAULI STPS UNIT - 6	500	NR	147	2293	23
284	WANAKBORI TPS UNIT - 3	210	WR	412	1634	23
285	TUTICORIN TPS UNIT - 1	210	SR	313	2041	23
286	WANAKBORI TPS UNIT - 7	210	WR	402	2147	23
287	COASTAL ENERGEN UNIT - 2	600	SR	321	396	23
288	NORTH CHENNAI TPS UNIT - 3	210	SR	307	2276	23
289	KOTA TPS UNIT - 3	210	NR	300	1035	23
290	KHAPARKHEDA TPS UNIT - 3	210	WR	273	2055	23
291	TUTICORIN TPS UNIT - 5	210	SR	313	2231	23
292	DAMODARAM SANJEEVAIAH TPS UNIT - 2	800	SR	285	633	23
293	KOLAGHAT TPS UNIT - 4	210	ER	385	1893	23
294	KOTHAGUEDEM TPS (NEW) UNIT - 9	250	SR	259	2250	23
295	SATPURA TPS UNIT - 6	200	WR	253	1574	23

**Annexure B1 - Ranking based on Average Flexibility (%)**

Flexibility of a generating unit is computed as ratio of difference between maximum and minimum generation in day to its Installed Capacity(IC). Daywise flexibility thus arrived is averaged over the entire period of operation considered.

Flexibility (%): (Maximum Generation in a day – Minimum Generation in a day)x100/(Installed Capacity)

This index is calculated using 15min SCADA Data between 1st April 2011 and 31st March 2018. Generation less than 30% of IC in a block is not considered for the analysis.

S.No	Generating Unit Name	Installed Capacity (MW)	Region	Variable cost (Ps/kWh)	Days of operation considered	Flexibility (% of IC)
296	SIMHADRI STPS UNIT - 2	500	SR	320	2355	23
297	DHARIWAL TPP UNIT - 2	300	WR	236	802	23
298	NEYVELI TPS-II UNIT - 4	210	SR	259	2300	23
299	OP JINDAL TPS UNIT - 4	250	WR	99	1959	23
300	RIHAND STPS UNIT - 1	500	NR	141	2344	23
301	BOKARO TPS 'A' EXP UNIT - 1	500	ER	223	329	23
302	SIPAT STPS UNIT - 1	660	WR	127	2084	23
303	SANJAY GANDHI TPS UNIT - 3	210	WR	221	1759	22
304	PARLI TPS UNIT - 5	210	WR	224	1056	22
305	KOTHAGUDEM TPS (NEW) UNIT - 10	250	SR	276	2337	22
306	TIRORA TPS UNIT - 2	660	WR	238	1320	22
307	YAMUNA NAGAR TPS UNIT - 2	300	NR	363	1093	22
308	Dr. N.TATA RAO TPS UNIT - 1	210	SR	329	2089	22
309	OBRA TPS UNIT - 9	200	NR	177	1222	22
310	TIRORA TPS UNIT - 3	660	WR	238	1269	22
311	SIPAT STPS UNIT - 2	660	WR	127	1920	22
312	PANIPAT TPS UNIT - 8	250	NR	368	708	22
313	RAMAGUNDAM STPS UNIT - 7	500	SR	266	2328	22
314	KALISINDH TPS UNIT - 1	600	NR	267	887	22
315	CHANDRAPUR(MAHARASHTRA) STPS UNIT - 7	500	WR	231	2150	22
316	JSW RATNAGIRI TPP UNIT - 4	300	WR	270	2024	22
317	TALCHER STPS UNIT - 1	500	ER	179	2269	22
318	CHANDRAPUR(MAHARASHTRA) STPS UNIT - 5	500	WR	231	2091	22
319	CHANDRAPUR(MAHARASHTRA) STPS UNIT - 6	500	WR	231	2094	22
320	SANJAY GANDHI TPS UNIT - 1	210	WR	221	1863	22
321	TROMBAY TPS UNIT - 8	250	WR	442	2077	22
322	SANJAY GANDHI TPS UNIT - 4	210	WR	221	2032	22
323	SATPURA TPS UNIT - 8	210	WR	253	1625	21
324	SIPAT STPS UNIT - 3	660	WR	127	1891	21
325	GANDHI NAGAR TPS UNIT - 5	210	WR	407	2307	21
326	NEYVELI TPS-II UNIT - 6	210	SR	259	2319	21
327	YAMUNA NAGAR TPS UNIT - 1	300	NR	363	1090	21
328	BHILAI TPS UNIT - 2	250	WR	357	2439	21
329	NEYVELI TPS-II UNIT - 7	210	SR	259	2269	21
330	SANJAY GANDHI TPS UNIT - 5	500	WR	221	2305	21
331	TUTICORIN TPS UNIT - 4	210	SR	313	2271	21
332	NEYVELI TPS-II UNIT - 5	210	SR	259	2272	21
333	OP JINDAL TPS UNIT - 1	250	WR	99	1754	21
334	TALCHER STPS UNIT - 2	500	ER	179	2298	21
335	PANIPAT TPS UNIT - 7	250	NR	368	586	20
336	KHAPARKHEDA TPS UNIT - 4	210	WR	273	2126	20
337	NEYVELI TPS-II UNIT - 2	210	SR	259	2279	20
338	SAGARDIGHI TPS UNIT - 3	500	ER	343	402	20
339	SIPAT STPS UNIT - 5	500	WR	131	2377	20
340	NEYVELI TPS-II UNIT - 1	210	SR	259	2264	20
341	NASIK TPS UNIT - 3	210	WR	327	2112	20
342	RKM POWER UNIT - 1	360	WR	193	231	20
343	GMR WARORA TPS UNIT - 2	300	WR	248	1277	20
344	GMR CHATTISGARH TPP UNIT - 1	685	WR	162	172	20
345	SINGRAULI STPS UNIT - 1	200	NR	147	2366	20
346	SINGRAULI STPS UNIT - 2	200	NR	147	2371	20
347	NASIK TPS UNIT - 4	210	WR	327	2195	20
348	KSK MAHANADI TPS UNIT - 4	600	WR	278	760	20
349	GMR WARORA TPS UNIT - 1	300	WR	248	1414	19
350	SIPAT STPS UNIT - 4	500	WR	131	2388	19
351	BHILAI TPS UNIT - 1	250	WR	357	2318	19
352	NEYVELI TPS-II UNIT - 3	210	SR	259	2159	19
353	SAGARDIGHI TPS UNIT - 2	300	ER	343	1072	19
354	ANPARA TPS UNIT - 1	210	NR	159	1263	19



**Annexure B1 - Ranking based on Average Flexibility (%)**

Flexibility of a generating unit is computed as ratio of difference between maximum and minimum generation in day to its Installed Capacity(IC). Daywise flexibility thus arrived is averaged over the entire period of operation considered.

Flexibility (%): (Maximum Generation in a day – Minimum Generation in a day)x100/(Installed Capacity)

This index is calculated using 15min SCADA Data between 1st April 2011 and 31st March 2018. Generation less than 30% of IC in a block is not considered for the analysis.

S.No	Generating Unit Name	Installed Capacity (MW)	Region	Variable cost (Ps/kWh)	Days of operation considered	Flexibility (% of IC)
355	TIRORA TPS UNIT - 1	660	WR	238	1290	19
356	OP JINDAL TPS UNIT - 3	250	WR	99	1841	19
357	DAHANU TPS UNIT - 1	250	WR	339	2465	19
358	RAMAGUNDAM STPS UNIT - 1	200	SR	270	2407	19
359	SINGRAULI STPS UNIT - 3	200	NR	147	2383	19
360	TALCHER STPS-II UNIT - 4	500	SR	179	2354	19
361	KAWAI TPS UNIT - 1	660	NR	260	994	19
362	SASAN UMTTP UNIT - 4	660	WR	132	1325	19
363	OP JINDAL TPS UNIT - 2	250	WR	99	2073	19
364	ANPARA TPS UNIT - 3	210	NR	159	1214	19
365	NASIK TPS UNIT - 5	210	WR	327	2074	19
366	PARLI TPS UNIT - 6	250	WR	350	412	19
367	TRN ENERGY TPP UNIT - 1	300	WR	235	364	19
368	TALCHER STPS-II UNIT - 3	500	SR	179	2370	19
369	TENUGHAT TPS UNIT - 2	210	ER	193	1443	19
370	MARWA TPS UNIT - 2	500	WR	160	550	19
371	TIRORA TPS UNIT - 4	660	WR	238	997	19
372	SINGRAULI STPS UNIT - 4	200	NR	147	2385	19
373	ANPARA TPS UNIT - 2	210	NR	159	1220	19
374	NEYVELI ( EXT) TPS UNIT - 1	210	SR	237	2318	19
375	SHREE SINGAJI TPP UNIT - 2	600	WR	274	300	18
376	KSK MAHANADI TPS UNIT - 3	600	WR	278	1190	18
377	TIRORA TPS UNIT - 5	660	WR	238	917	18
378	METTUR TPS UNIT - 4	210	SR	362	2134	18
379	BHUSAWAL TPS UNIT - 3	210	WR	307	1735	18
380	CHANDRAPUR(MAHARASHTRA) STPS UNIT - 3	210	WR	231	1735	18
381	TALCHER STPS-II UNIT - 2	500	SR	179	2348	18
382	KORBA STPS UNIT - 5	500	WR	133	2345	18
383	JSW RATNAGIRI TPP UNIT - 3	300	WR	270	2047	18
384	DAMODARAM SANJEEVALAH TPS UNIT - 1	800	SR	285	709	18
385	KOTA TPS UNIT - 6	195	NR	300	1155	18
386	SAGARDIGHI TPS UNIT - 1	300	ER	343	1186	18
387	TAMNAR TPP UNIT - 1	600	WR	220	757	18
388	KOTA TPS UNIT - 5	210	NR	300	1080	18
389	SASAN UMTTP UNIT - 6	660	WR	132	992	18
390	AMARKANTAK TPS UNIT - 1	210	WR	156	2400	18
391	JSW RATNAGIRI TPP UNIT - 2	300	WR	270	1673	18
392	OBRA TPS UNIT - 13	200	NR	177	1031	18
393	KOTA TPS UNIT - 7	195	NR	300	1180	18
394	NEYVELI ( EXT) TPS UNIT - 2	210	SR	237	2251	17
395	SASAN UMTTP UNIT - 3	660	WR	132	1419	17
396	TALCHER STPS-II UNIT - 1	500	SR	179	2342	17
397	JSW RATNAGIRI TPP UNIT - 1	300	WR	270	1968	17
398	TENUGHAT TPS UNIT - 1	210	ER	193	1439	17
399	SINGRAULI STPS UNIT - 5	200	NR	147	2477	17
400	SASAN UMTTP UNIT - 2	660	WR	132	1282	17
401	PARLI TPS UNIT - 7	250	WR	350	324	17
402	RAMAGUNDAM STPS UNIT - 2	200	SR	270	2404	17
403	METTUR TPS UNIT - 3	210	SR	362	2220	17
404	KORBA STPS UNIT - 6	500	WR	133	2254	17
405	DAHANU TPS UNIT - 2	250	WR	339	2381	17
406	D.P.L. TPS UNIT - 7	300	ER	272	471	17
407	MAHAN TPP UNIT - 1	600	WR	380	539	17
408	KORBA-EAST EXT TPS UNIT - 1	250	WR	133	2131	17
409	MAHADEV PRASAD STPP UNIT - 1	270	ER	131	1352	17
410	ANPARA TPS UNIT - 4	500	NR	141	1216	17
411	MAHADEV PRASAD STPP UNIT - 2	270	ER	131	1185	17
412	BINA TPS UNIT - 1	250	WR	318	421	17
413	SASAN UMTTP UNIT - 5	660	WR	132	1182	17



**Annexure B1 - Ranking based on Average Flexibility (%)**

Flexibility of a generating unit is computed as ratio of difference between maximum and minimum generation in day to its Installed Capacity(IC). Daywise flexibility thus arrived is averaged over the entire period of operation considered.

Flexibility (%):  $(\text{Maximum Generation in a day} - \text{Minimum Generation in a day}) \times 100 / (\text{Installed Capacity})$

This index is calculated using 15min SCADA Data between 1st April 2011 and 31st March 2018. Generation less than 30% of IC in a block is not considered for the analysis.

S.No	Generating Unit Name	Installed Capacity (MW)	Region	Variable cost (Ps/kWh)	Days of operation considered	Flexibility (% of IC)
414	KORBA STPS UNIT - 4	500	WR	133	2348	17
415	SASAN UMTPP UNIT - 1	660	WR	132	1266	16
416	PARICHHA TPS UNIT - 3	210	NR	311	1132	16
417	D.P.L. TPS UNIT - 8	250	ER	272	1096	16
418	KHAPARKHEDA TPS UNIT - 5	500	WR	235	1899	16
419	ACBIL TPP UNIT - 1	300	WR	94	571	16
420	METTUR TPS UNIT - 1	210	SR	362	2250	16
421	OBRA TPS UNIT - 12	200	NR	177	685	16
422	KORBA-WEST TPS UNIT - 3	210	WR	155	2261	15
423	BINA TPS UNIT - 2	250	WR	318	244	15
424	METTUR TPS UNIT - 2	210	SR	362	2282	15
425	KORBA STPS UNIT - 2	200	WR	133	2389	15
426	KORBA-WEST TPS UNIT - 1	210	WR	155	2409	15
427	ANPARA TPS UNIT - 5	500	NR	141	1209	15
428	KORBA-EAST EXT TPS UNIT - 2	250	WR	133	2299	15
429	KORBA STPS UNIT - 3	200	WR	133	2344	15
430	KORBA-WEST TPS UNIT - 2	210	WR	155	2371	14
431	KORBA-WEST EXT TPS UNIT - 1	500	WR	199	659	14
432	KORBA STPS UNIT - 1	200	WR	133	2208	14
433	MAUDA TPS UNIT - 3	660	WR	312	85	14
434	KORBA STPS UNIT - 7	500	WR	130	2345	14
435	TAMNAR TPP UNIT - 2	600	WR	220	981	14
436	MARWA TPS UNIT - 1	500	WR	160	333	14
437	KORBA-WEST TPS UNIT - 4	210	WR	155	2190	13
438	RAMAGUNDAM STPS UNIT - 3	200	SR	270	2366	12

**Annexure B2 - Ranking based on Normalised Average Maximum Generation**

The maximum generation in a day is identified for all the operational days considered. The day wise maximum generation thus arrived is averaged and is normalised with respective Installed Capacity(IC). This index is calculated using 15min SCADA data between 1st April 2011 and 31st March 2018. Generation less than 30% of IC in a block is not considered for the analysis.

S.No	Generating Unit Name	Installed Capacity (MW)	Region	Variable cost (Ps/kWh)	Days of operation considered	Normalised Average Maximum Generation (% of IC)
1	VINDHYACHAL STPS UNIT - 5	210	WR	163	2249	105
2	BUDGE BUDGE TPS UNIT - 3	250	ER	266	1807	105
3	SIKKA REP TPS UNIT - 4	250	WR	378	54	105
4	VINDHYACHAL STPS UNIT - 1	210	WR	163	2376	105
5	KORBA STPS UNIT - 2	200	WR	133	2389	104
6	KORBA STPS UNIT - 3	200	WR	133	2344	104
7	VINDHYACHAL STPS UNIT - 4	210	WR	163	2289	104
8	VINDHYACHAL STPS UNIT - 3	210	WR	163	2324	104
9	BUDGE BUDGE TPS UNIT - 1	250	ER	266	1719	103
10	SURATGARH TPS UNIT - 5	250	NR	330	571	103
11	VINDHYACHAL STPS UNIT - 10	500	WR	156	2343	103
12	VINDHYACHAL STPS UNIT - 9	500	WR	156	2366	102
13	VINDHYACHAL STPS UNIT - 2	210	WR	163	2281	102
14	SURATGARH TPS UNIT - 6	250	NR	330	504	102
15	RAMAGUNDAM STPS UNIT - 6	500	SR	270	2415	102
16	NEYVELI (EXT) TPS UNIT - 2	210	SR	237	2251	102
17	SURATGARH TPS UNIT - 3	250	NR	330	642	102
18	RAMAGUNDAM STPS UNIT - 4	500	SR	270	2339	102
19	AMARKANTAK TPS UNIT - 1	210	WR	156	2400	102
20	Dr. N.TATA RAO TPS UNIT - 5	210	SR	329	2375	101
21	SURATGARH TPS UNIT - 4	250	NR	330	709	101
22	KORBA STPS UNIT - 4	500	WR	133	2348	101
23	VINDHYACHAL STPS UNIT - 7	500	WR	158	2317	101
24	SEMBCORP ENERGY INDIA Ltd P- 1 UNIT - 2	660	SR	221	799	101
25	SINGARENI TPP UNIT - 2	600	SR	266	490	101
26	RAMAGUNDAM STPS UNIT - 1	200	SR	270	2407	101
27	KORBA STPS UNIT - 5	500	WR	133	2345	101
28	WANAKBORI TPS UNIT - 5	210	WR	412	1511	100
29	METTUR TPS UNIT - 3	210	SR	362	2220	100
30	NEYVELI TPS-II UNIT - 3	210	SR	259	2159	100
31	RAMAGUNDAM STPS UNIT - 5	500	SR	270	2345	100
32	NORTH CHENNAI TPS UNIT - 3	210	SR	307	2276	100
33	CHHABRA TPP UNIT - 1	250	NR	227	883	100
34	CHHABRA TPP UNIT - 2	250	NR	227	1035	100
35	NEYVELI TPS-II UNIT - 5	210	SR	259	2272	100
36	NEYVELI (EXT) TPS UNIT - 1	210	SR	237	2318	100
37	RAMAGUNDAM STPS UNIT - 2	200	SR	270	2404	100
38	TUTICORIN TPS UNIT - 5	210	SR	313	2231	100
39	SURATGARH TPS UNIT - 2	250	NR	330	616	100
40	METTUR TPS UNIT - 2	210	SR	362	2282	100
41	NEYVELI TPS-II UNIT - 6	210	SR	259	2319	100
42	NEYVELI TPS-II UNIT - 2	210	SR	259	2279	100
43	TUTICORIN TPS UNIT - 2	210	SR	313	2138	100
44	SIMHAPURI ENERGY LIMITED UNIT - 2	150	SR	239	358	100
45	METTUR TPS UNIT - 4	210	SR	362	2134	100
46	BAKRESWAR TPS UNIT - 5	210	ER	252	1777	99
47	SIMHAPURI ENERGY LIMITED UNIT - 3	150	SR	239	466	99
48	SINGRAULI STPS UNIT - 6	500	NR	147	2293	99
49	SEMBCORP ENERGY INDIA Ltd P- 1 UNIT - 1	660	SR	221	939	99
50	NEYVELI TPS-II UNIT - 7	210	SR	259	2269	99
51	SINGRAULI STPS UNIT - 2	200	NR	147	2371	99
52	GOINDWAL SAHIB TPP UNIT - 1	270	NR	294	250	99
53	GANDHI NAGAR TPS UNIT - 5	210	WR	407	2307	99
54	BAKRESWAR TPS UNIT - 4	210	ER	252	1681	99
55	SINGRAULI STPS UNIT - 7	500	NR	147	2288	99
56	NEYVELI TPS-II UNIT - 4	210	SR	259	2300	99
57	GURU GOBIND SINGH TPS UNIT - 6	210	NR	372	410	99
58	TUTICORIN TPS UNIT - 1	210	SR	313	2041	99

**Annexure B2 - Ranking based on Normalised Average Maximum Generation**

The maximum generation in a day is identified for all the operational days considered. The day wise maximum generation thus arrived is averaged and is normalised with respective Installed Capacity(IC). This index is calculated using 15min SCADA data between 1st April 2011 and 31st March 2018. Generation less than 30% of IC in a block is not considered for the analysis.

S.No	Generating Unit Name	Installed Capacity (MW)	Region	Variable cost (Ps/kWh)	Days of operation considered	Normalised Average Maximum Generation (% of IC)
59	DAHANU TPS UNIT - 1	250	WR	339	2465	99
60	NEYVELI TPS-II UNIT - 1	210	SR	259	2264	99
61	UKAI TPS UNIT - 6	500	WR	363	581	99
62	RIHAND STPS UNIT - 3	500	NR	141	2409	99
63	RIHAND STPS UNIT - 4	500	NR	141	2359	99
64	VINDHYACHAL STPS UNIT - 8	500	WR	158	2334	98
65	SURATGARH TPS UNIT - 1	250	NR	330	609	98
66	TROMBAY TPS UNIT - 8	250	WR	442	2077	98
67	WANAKBORI TPS UNIT - 4	210	WR	412	1566	98
68	BUDGE BUDGE TPS UNIT - 2	250	ER	266	1826	98
69	VINDHYACHAL STPS UNIT - 12	500	WR	154	1360	98
70	GURU GOBIND SINGH TPS UNIT - 4	210	NR	372	495	98
71	NORTH CHENNAI TPS UNIT - 1	210	SR	307	2137	98
72	SINGARENI TPP UNIT - 1	600	SR	266	537	98
73	Dr. N.TATA RAO TPS UNIT - 4	210	SR	329	2373	98
74	DAHANU TPS UNIT - 2	250	WR	339	2381	98
75	SEMBCORP ENERGY INDIA Ltd P- 2 UNIT - 1	660	SR	221	442	98
76	BAKRESWAR TPS UNIT - 1	210	ER	252	1721	98
77	UKAI TPS UNIT - 3	200	WR	363	1958	98
78	KORBA-WEST TPS UNIT - 1	210	WR	155	2409	98
79	TUTICORIN TPS UNIT - 4	210	SR	313	2271	98
80	Dr. N.TATA RAO TPS UNIT - 3	210	SR	329	2403	98
81	NORTH CHENNAI TPS UNIT - 2	210	SR	307	2202	98
82	SINGRAULI STPS UNIT - 3	200	NR	147	2383	98
83	VINDHYACHAL STPS UNIT - 13	500	WR	156	831	98
84	METTUR TPS UNIT - 1	210	SR	362	2250	98
85	VINDHYACHAL STPS UNIT - 11	500	WR	154	1379	97
86	UKAI TPS UNIT - 4	200	WR	363	1972	97
87	RAYALASEEMA TPS UNIT - 5	210	SR	412	961	97
88	RAMAGUNDAM STPS UNIT - 7	500	SR	266	2328	97
89	SINGRAULI STPS UNIT - 1	200	NR	147	2366	97
90	KORBA STPS UNIT - 6	500	WR	133	2254	97
91	SIMHAPURI ENERGY LIMITED UNIT - 4	150	SR	239	492	97
92	RIHAND STPS UNIT - 5	500	NR	141	1785	97
93	Dr. N.TATA RAO TPS UNIT - 7	500	SR	314	2315	97
94	RAYALASEEMA TPS UNIT - 4	210	SR	412	2382	97
95	RIHAND STPS UNIT - 6	500	NR	141	1290	97
96	TUTICORIN TPS UNIT - 3	210	SR	313	2030	97
97	OP JINDAL TPS UNIT - 4	250	WR	99	1959	97
98	SIPAT STPS UNIT - 5	500	WR	131	2377	97
99	WANAKBORI TPS UNIT - 6	210	WR	412	1369	97
100	TROMBAY TPS UNIT - 5	500	WR	411	2384	97
101	Dr. N.TATA RAO TPS UNIT - 6	210	SR	329	2386	97
102	UKAI TPS UNIT - 5	210	WR	363	1988	97
103	SIPAT STPS UNIT - 4	500	WR	131	2388	97
104	KORBA STPS UNIT - 1	200	WR	133	2208	96
105	BUTIBORI TPP UNIT - 2	300	WR	245	665	96
106	SIMHADRI STPS UNIT - 4	500	SR	317	1060	96
107	WANAKBORI TPS UNIT - 7	210	WR	402	2147	96
108	RAYALASEEMA TPS UNIT - 3	210	SR	412	2400	96
109	MEJIA TPS UNIT - 7	500	ER	240	1666	96
110	TALCHER STPS-II UNIT - 2	500	SR	179	2348	96
111	MEENAKSHI ENERGY LIMITED UNIT - 1	150	SR	239	437	96
112	SINGRAULI STPS UNIT - 4	200	NR	147	2385	96
113	TALCHER STPS-II UNIT - 3	500	SR	179	2370	96
114	SIPAT STPS UNIT - 2	660	WR	127	1920	96
115	RIHAND STPS UNIT - 2	500	NR	141	2348	96
116	KAWAI TPS UNIT - 2	660	NR	260	892	96

**Annexure B2 - Ranking based on Normalised Average Maximum Generation**

The maximum generation in a day is identified for all the operational days considered. The day wise maximum generation thus arrived is averaged and is normalised with respective Installed Capacity(IC). This index is calculated using 15min SCADA data between 1st April 2011 and 31st March 2018. Generation less than 30% of IC in a block is not considered for the analysis.

S.No	Generating Unit Name	Installed Capacity (MW)	Region	Variable cost (Ps/kWh)	Days of operation considered	Normalised Average Maximum Generation (% of IC)
117	GANDHI NAGAR TPS UNIT - 3	210	WR	422	1406	96
118	OP JINDAL TPS UNIT - 3	250	WR	99	1841	96
119	TALCHER STPS-II UNIT - 4	500	SR	179	2354	96
120	SANTALDIH TPS UNIT - 6	250	ER	262	1689	96
121	SIMHADRI STPS UNIT - 1	500	SR	320	2387	95
122	MEENAKSHI ENERGY LIMITED UNIT - 2	150	SR	239	601	95
123	GURU GOBIND SINGH TPS UNIT - 3	210	NR	372	479	95
124	SEMBCORP ENERGY INDIA Ltd P- 2 UNIT - 2	660	SR	221	356	95
125	SIMHADRI STPS UNIT - 3	500	SR	317	2151	95
126	OP JINDAL TPS UNIT - 1	250	WR	99	1754	95
127	KOTA TPS UNIT - 4	210	NR	300	1081	95
128	GANDHI NAGAR TPS UNIT - 4	210	WR	422	1434	95
129	MAITHON RB TPP UNIT - 1	525	ER	279	1212	95
130	UNCHAHAR TPS UNIT - 2	210	NR	358	2384	95
131	SASAN UMTTP UNIT - 6	660	WR	132	992	95
132	SIPAT STPS UNIT - 1	660	WR	127	2084	95
133	BOKARO TPS `A` EXP UNIT - 1	500	ER	223	329	95
134	DADRI (NCTPP) UNIT - 6	490	NR	384	2237	95
135	BUTIBORI TPP UNIT - 1	300	WR	245	469	95
136	TALCHER STPS UNIT - 2	500	ER	179	2298	95
137	ACBIL TPP UNIT - 1	300	WR	94	571	95
138	Dr. N.TATA RAO TPS UNIT - 2	210	SR	329	2255	95
139	KAKATIYA TPS UNIT - 1	500	SR	282	2248	95
140	DADRI (NCTPP) UNIT - 5	490	NR	384	2255	95
141	KORBA-EAST EXT TPS UNIT - 1	250	WR	133	2131	95
142	TALCHER STPS-II UNIT - 1	500	SR	179	2342	95
143	MEJIA TPS UNIT - 8	500	ER	240	1339	95
144	SIMHADRI STPS UNIT - 2	500	SR	320	2355	94
145	MAITHON RB TPP UNIT - 2	525	ER	279	1693	94
146	TALCHER STPS UNIT - 1	500	ER	179	2269	94
147	VINDHYACHAL STPS UNIT - 6	210	WR	163	2364	94
148	KORBA-WEST TPS UNIT - 2	210	WR	155	2371	94
149	SINGRAULI STPS UNIT - 5	200	NR	147	2477	94
150	SANJAY GANDHI TPS UNIT - 5	500	WR	221	2305	94
151	UNCHAHAR TPS UNIT - 4	210	NR	358	2430	94
152	SATPURA TPS UNIT - 11	250	WR	209	655	94
153	GURU GOBIND SINGH TPS UNIT - 2	210	NR	372	469	94
154	SIMHAPURI ENERGY LIMITED UNIT - 1	150	SR	239	392	94
155	SIPAT STPS UNIT - 3	660	WR	127	1891	94
156	GURU GOBIND SINGH TPS UNIT - 1	210	NR	372	412	94
157	WANAKBORI TPS UNIT - 2	210	WR	412	1649	94
158	CHANDRAPURA(DVC) TPS UNIT - 7	250	ER	204	1656	94
159	KOTHAGUEDEM TPS (NEW) UNIT - 11	500	SR	259	1395	94
160	KOTHAGUEDEM TPS (NEW) UNIT - 9	250	SR	259	2250	94
161	MEJIA TPS UNIT - 3	210	ER	293	1547	94
162	RAYALASEEMA TPS UNIT - 1	210	SR	412	2299	94
163	SANTALDIH TPS UNIT - 5	250	ER	262	1397	94
164	MUNDRA TPS UNIT - 4	330	WR	174	2132	94
165	IL&FS TAMIL NADU PCL UNIT - 2	600	SR	293	418	93
166	UNCHAHAR TPS UNIT - 5	210	NR	358	2467	93
167	SASAN UMTTP UNIT - 1	660	WR	132	1266	93
168	UNCHAHAR TPS UNIT - 1	210	NR	358	2395	93
169	DURGAPUR STEEL TPS UNIT - 1	500	ER	250	1561	93
170	KORBA-WEST EXT TPS UNIT - 1	500	WR	199	659	93
171	MUNDRA TPS UNIT - 6	660	WR	135	1441	93
172	ROSA TPP UNIT - 3	300	NR	317	1097	93
173	UNCHAHAR TPS UNIT - 3	210	NR	358	2400	93
174	ANPARA TPS UNIT - 4	500	NR	141	1216	93

**Annexure B2 - Ranking based on Normalised Average Maximum Generation**

The maximum generation in a day is identified for all the operational days considered. The day wise maximum generation thus arrived is averaged and is normalised with respective Installed Capacity(IC). This index is calculated using 15min SCADA data between 1st April 2011 and 31st March 2018. Generation less than 30% of IC in a block is not considered for the analysis.

S.No	Generating Unit Name	Installed Capacity (MW)	Region	Variable cost (Ps/kWh)	Days of operation considered	Normalised Average Maximum Generation (% of IC)
175	SASAN UMTTP UNIT - 3	660	WR	132	1419	93
176	KORBA STPS UNIT - 7	500	WR	130	2345	93
177	RAJIV GANDHI TPS UNIT - 1	600	NR	369	853	93
178	HALDIA TPP UNIT - 1	300	ER	277	1000	93
179	FARAKKA STPS UNIT - 3	200	ER	240	1817	93
180	DURGAPUR STEEL TPS UNIT - 2	500	ER	250	1097	93
181	PANIPAT TPS UNIT - 6	210	NR	389	276	93
182	SASAN UMTTP UNIT - 4	660	WR	132	1325	93
183	ROSA TPP UNIT - 1	300	NR	317	1186	93
184	OP JINDAL TPS UNIT - 2	250	WR	99	2073	93
185	BAKRESWAR TPS UNIT - 3	210	ER	252	1736	93
186	TUTICORIN (JV) TPP (NTPL) UNIT - 2	500	SR	315	809	93
187	GURU GOBIND SINGH TPS UNIT - 5	210	NR	372	558	93
188	SASAN UMTTP UNIT - 5	660	WR	132	1182	93
189	RAYALASEEMA TPS UNIT - 2	210	SR	412	2303	93
190	RAJPURA TPP UNIT - 1	700	NR	226	1064	93
191	KOTA TPS UNIT - 6	195	NR	300	1155	93
192	ANPARA C TPS UNIT - 1	600	NR	206	1192	93
193	MEJIA TPS UNIT - 2	210	ER	293	1497	93
194	SASAN UMTTP UNIT - 2	660	WR	132	1282	93
195	JSW RATNAGIRI TPP UNIT - 1	300	WR	270	1968	92
196	BALCO TPS UNIT - 4	300	WR	307	689	92
197	RAJPURA TPP UNIT - 2	700	NR	226	1191	92
198	WANAKBORI TPS UNIT - 3	210	WR	412	1634	92
199	RAICHUR TPS UNIT - 3	210	SR	391	2010	92
200	MUNDRA TPS UNIT - 3	330	WR	174	2147	92
201	BHILAI TPS UNIT - 2	250	WR	357	2439	92
202	ANPARA C TPS UNIT - 2	600	NR	206	1168	92
203	KOTHAGUDEM TPS (NEW) UNIT - 10	250	SR	276	2337	92
204	WANAKBORI TPS UNIT - 1	210	WR	412	1741	92
205	RAICHUR TPS UNIT - 6	210	SR	391	2189	92
206	ANPARA D TPS UNIT - 1	500	NR	126	567	92
207	IL&FS TAMIL NADU PCL UNIT - 1	600	SR	293	674	92
208	PANIPAT TPS UNIT - 8	250	NR	368	708	92
209	GOINDWAL SAHIB TPP UNIT - 2	270	NR	294	116	92
210	RAJIV GANDHI TPS UNIT - 2	600	NR	369	811	92
211	YAMUNA NAGAR TPS UNIT - 1	300	NR	363	1090	92
212	PANIPAT TPS UNIT - 7	250	NR	368	586	92
213	MEJIA TPS UNIT - 1	210	ER	293	1322	92
214	KORBA-EAST EXT TPS UNIT - 2	250	WR	133	2299	92
215	VALLUR TPP UNIT - 2	500	SR	320	946	92
216	Dr. N.TATA RAO TPS UNIT - 1	210	SR	329	2089	92
217	ANPARA TPS UNIT - 5	500	NR	141	1209	92
218	CHANDRAPURA(DVC) TPS UNIT - 8	250	ER	204	1601	92
219	YAMUNA NAGAR TPS UNIT - 2	300	NR	363	1093	92
220	MEJIA TPS UNIT - 4	210	ER	293	1289	92
221	KOTA TPS UNIT - 7	195	NR	300	1180	92
222	VALLUR TPP UNIT - 3	500	SR	320	606	92
223	HALDIA TPP UNIT - 2	300	ER	277	952	92
224	RIHAND STPS UNIT - 1	500	NR	141	2344	92
225	KOTA TPS UNIT - 3	210	NR	300	1035	92
226	OBRA TPS UNIT - 9	200	NR	177	1222	92
227	RAICHUR TPS UNIT - 7	210	SR	391	2051	91
228	RAICHUR TPS UNIT - 4	210	SR	391	2172	91
229	ROSA TPP UNIT - 2	300	NR	317	1168	91
230	BHILAI TPS UNIT - 1	250	WR	357	2318	91
231	PARICHHA TPS UNIT - 5	250	NR	293	1082	91
232	VIZAG TPP UNIT - 2	520	SR	276	326	91

**Annexure B2 - Ranking based on Normalised Average Maximum Generation**

The maximum generation in a day is identified for all the operational days considered. The day wise maximum generation thus arrived is averaged and is normalised with respective Installed Capacity(IC). This index is calculated using 15min SCADA data between 1st April 2011 and 31st March 2018. Generation less than 30% of IC in a block is not considered for the analysis.

S.No	Generating Unit Name	Installed Capacity (MW)	Region	Variable cost (Ps/kWh)	Days of operation considered	Normalised Average Maximum Generation (% of IC)
233	KALISINDH TPS UNIT - 1	600	NR	267	887	91
234	KORBA-WEST TPS UNIT - 3	210	WR	155	2261	91
235	GURU HARGOBIND SINGH TPS UNIT - 4	250	NR	361	656	91
236	ROSA TPP UNIT - 4	300	NR	317	1138	91
237	UDUPI PCL UNIT - 2	600	SR	382	1579	91
238	GURU HARGOBIND SINGH TPS UNIT - 3	250	NR	361	799	91
239	GURU HARGOBIND SINGH TPS UNIT - 2	210	NR	361	525	91
240	TIRORA TPS UNIT - 2	660	WR	238	1320	91
241	FARAKKA STPS UNIT - 4	500	ER	240	1693	91
242	FARAKKA STPS UNIT - 1	200	ER	240	1790	91
243	DADRI (NCTPP) UNIT - 4	210	NR	414	1203	91
244	MEJIA TPS UNIT - 6	250	ER	293	1657	91
245	FARAKKA STPS UNIT - 2	200	ER	240	1782	91
246	MUNDRA TPS UNIT - 9	660	WR	196	1918	91
247	KAKATIYA TPS UNIT - 2	600	SR	277	641	91
248	CHANDRAPUR(MAHARASHTRA) STPS UNIT - 8	500	WR	224	481	91
249	TIRORA TPS UNIT - 3	660	WR	238	1269	91
250	DADRI (NCTPP) UNIT - 3	210	NR	414	1231	90
251	MUNDRA TPS UNIT - 7	660	WR	196	1946	90
252	RAICHUR TPS UNIT - 5	210	SR	391	2068	90
253	MUNDRA TPS UNIT - 2	330	WR	174	1760	90
254	LALITPUR TPS UNIT - 3	660	NR	285	302	90
255	KODARMA TPP UNIT - 2	500	ER	282	1067	90
256	TUTICORIN (JV) TPP (NTPL) UNIT - 1	500	SR	315	833	90
257	LALITPUR TPS UNIT - 2	660	NR	285	348	90
258	PARICHHA TPS UNIT - 6	250	NR	293	1124	90
259	BONGAIGAON TPP UNIT - 2	250	NER	297	139	90
260	KAWAI TPS UNIT - 1	660	NR	260	994	90
261	MUNDRA UMTPP UNIT - 4	830	WR	197	1571	90
262	MUNDRA UMTPP UNIT - 3	830	WR	197	1692	90
263	MEJIA TPS UNIT - 5	250	ER	293	1309	90
264	FARAKKA STPS UNIT - 5	500	ER	240	1622	90
265	UDUPI PCL UNIT - 1	600	SR	382	2012	90
266	RAMAGUNDAM STPS UNIT - 3	200	SR	270	2366	90
267	VIZAG TPP UNIT - 1	520	SR	276	421	90
268	LANCO AMARKANTAK TPS UNIT - 1	300	WR	246	2364	90
269	MUNDRA TPS UNIT - 8	660	WR	196	1995	90
270	KALISINDH TPS UNIT - 2	600	NR	267	568	90
271	AMARAVATI TPS UNIT - 1	270	WR	303	578	90
272	BHUSAWAL TPS UNIT - 5	500	WR	274	589	90
273	BALCO TPS UNIT - 3	300	WR	307	798	89
274	KORBA-WEST TPS UNIT - 4	210	WR	155	2190	89
275	MUNDRA TPS UNIT - 5	660	WR	135	1810	89
276	AMARAVATI TPS UNIT - 2	270	WR	303	579	89
277	DADRI (NCTPP) UNIT - 1	210	NR	414	1059	89
278	BHUSAWAL TPS UNIT - 4	500	WR	274	585	89
279	NORTH CHENNAI TPS UNIT - 5	600	SR	304	1073	89
280	DADRI (NCTPP) UNIT - 2	210	NR	414	912	89
281	MUNDRA UMTPP UNIT - 2	830	WR	197	1799	89
282	MUNDRA UMTPP UNIT - 5	830	WR	197	1490	89
283	KAHALGAON TPS UNIT - 3	210	ER	241	2376	89
284	MUNDRA TPS UNIT - 1	330	WR	174	1777	89
285	KAHALGAON TPS UNIT - 4	210	ER	252	2350	89
286	CHANDRAPUR(MAHARASHTRA) STPS UNIT - 9	500	WR	224	432	89
287	ANPARA D TPS UNIT - 2	500	NR	126	380	89
288	MAHATMA GANDHI TPS UNIT - 1	660	NR	357	908	89
289	KODARMA TPP UNIT - 1	500	ER	282	608	89
290	MB POWER TPP UNIT - 1	600	WR	199.7	815	89



**Annexure B2 - Ranking based on Normalised Average Maximum Generation**

The maximum generation in a day is identified for all the operational days considered. The day wise maximum generation thus arrived is averaged and is normalised with respective Installed Capacity(IC). This index is calculated using 15min SCADA data between 1st April 2011 and 31st March 2018. Generation less than 30% of IC in a block is not considered for the analysis.

S.No	Generating Unit Name	Installed Capacity (MW)	Region	Variable cost (Ps/kWh)	Days of operation considered	Normalised Average Maximum Generation (% of IC)
291	KAHALGAON TPS UNIT - 1	210	ER	241	2369	89
292	MAUDA TPS UNIT - 1	500	WR	318	866	89
293	NORTH CHENNAI TPS UNIT - 4	600	SR	304	1040	88
294	AMARAVATI TPS UNIT - 5	270	WR	303	292	88
295	INDIRA GANDHI STPP UNIT - 1	500	NR	279	1751	88
296	BONGAIGAON TPP UNIT - 1	250	NER	297	583	88
297	KAHALGAON TPS UNIT - 5	500	ER	252	2320	88
298	SATPURA TPS UNIT - 10	250	WR	209	757	88
299	KOLAGHAT TPS UNIT - 5	210	ER	385	2104	88
300	DERANG TPP UNIT - 1	600	ER	175	682	88
301	KAMALANGA TPS UNIT - 2	350	ER	170	1225	88
302	BARH II UNIT - 5	660	ER	234	726	88
303	KAHALGAON TPS UNIT - 2	210	ER	241	2396	88
304	SIKKA REP TPS UNIT - 3	250	WR	378	53	88
305	AMARAVATI TPS UNIT - 3	270	WR	303	444	88
306	METTUR TPS UNIT - 5	600	SR	362	880	88
307	MUNDRA UMTPP UNIT - 1	830	WR	197	1710	88
308	KAHALGAON TPS UNIT - 6	500	ER	252	2272	88
309	RAICHUR TPS UNIT - 1	210	SR	391	1882	88
310	CHANDRAPUR(MAHARASHTRA) STPS UNIT - 4	210	WR	231	2100	88
311	MAHATMA GANDHI TPS UNIT - 2	660	NR	357	887	88
312	KHAPARKHEDA TPS UNIT - 3	210	WR	273	2055	88
313	MAUDA TPS UNIT - 2	500	WR	318	684	88
314	NASIK TPS UNIT - 3	210	WR	327	2112	88
315	RAICHUR TPS UNIT - 2	210	SR	391	1848	88
316	PARICHHA TPS UNIT - 4	210	NR	311	1163	87
317	KAMALANGA TPS UNIT - 1	350	ER	170	1032	87
318	KHAPARKHEDA TPS UNIT - 4	210	WR	273	2126	87
319	JSW RATNAGIRI TPP UNIT - 2	300	WR	270	1673	87
320	SHREE SINGAJI TPP UNIT - 1	600	WR	274	322	87
321	AMARAVATI TPS UNIT - 4	270	WR	303	478	87
322	KAHALGAON TPS UNIT - 7	500	ER	252	2241	87
323	VALLUR TPP UNIT - 1	500	SR	320	1487	87
324	KHAPARKHEDA TPS UNIT - 5	500	WR	235	1899	87
325	OBRA TPS UNIT - 10	200	NR	177	526	87
326	SAGARDIGHI TPS UNIT - 2	300	ER	343	1072	87
327	INDIRA GANDHI STPP UNIT - 3	500	NR	279	1238	87
328	INDIRA GANDHI STPP UNIT - 2	500	NR	279	1427	87
329	PARAS TPS UNIT - 4	250	WR	224	2317	87
330	KUDGI STPP UNIT - 1	800	SR	356	231	86
331	TALWANDI SABO TPP UNIT - 3	660	NR	285	635	86
332	NASIK TPS UNIT - 4	210	WR	327	2195	86
333	PARAS TPS UNIT - 3	250	WR	224	2062	86
334	KOLAGHAT TPS UNIT - 6	210	ER	385	1961	86
335	OBRA TPS UNIT - 11	200	NR	177	445	86
336	JSW RATNAGIRI TPP UNIT - 3	300	WR	270	2047	86
337	MB POWER TPP UNIT - 2	600	WR	199.7	297	86
338	BARH II UNIT - 4	660	ER	234	1154	86
339	PARICHHA TPS UNIT - 3	210	NR	311	1132	86
340	NASIK TPS UNIT - 5	210	WR	327	2074	86
341	KOTA TPS UNIT - 5	210	NR	300	1080	86
342	LALITPUR TPS UNIT - 1	660	NR	285	406	86
343	PRAYAGRAJ TPP UNIT - 1	660	NR	249	442	86
344	TIRORA TPS UNIT - 1	660	WR	238	1290	86
345	PARLI TPS UNIT - 7	250	WR	350	324	85
346	PARLI TPS UNIT - 6	250	WR	350	412	85
347	SATPURA TPS UNIT - 6	200	WR	253	1574	85
348	TIRORA TPS UNIT - 5	660	WR	238	917	85

**Annexure B2 - Ranking based on Normalised Average Maximum Generation**

The maximum generation in a day is identified for all the operational days considered. The day wise maximum generation thus arrived is averaged and is normalised with respective Installed Capacity(IC). This index is calculated using 15min SCADA data between 1st April 2011 and 31st March 2018. Generation less than 30% of IC in a block is not considered for the analysis.

S.No	Generating Unit Name	Installed Capacity (MW)	Region	Variable cost (Ps/kWh)	Days of operation considered	Normalised Average Maximum Generation (% of IC)
349	SANJAY GANDHI TPS UNIT - 4	210	WR	221	2032	85
350	DB POWER TPS UNIT - 2	600	WR	226	613	85
351	TIRORA TPS UNIT - 4	660	WR	238	997	85
352	NIGRI TPP UNIT - 2	660	WR	65	800	85
353	COASTAL ENERGEN UNIT - 1	600	SR	321	585	84
354	TENUGHAT TPS UNIT - 2	210	ER	193	1443	84
355	DERANG TPP UNIT - 2	600	ER	175	813	84
356	BALCO TPS UNIT - 1	300	WR	307	673	84
357	DB POWER TPS UNIT - 1	600	WR	226	877	84
358	DURGAPUR TPS UNIT - 4	210	ER	371	1189	84
359	TENUGHAT TPS UNIT - 1	210	ER	193	1439	84
360	SATPURA TPS UNIT - 8	210	WR	253	1625	84
361	TAMNAR TPP UNIT - 2	600	WR	220	981	83
362	SANJAY GANDHI TPS UNIT - 3	210	WR	221	1759	83
363	LANCO AMARKANTAK TPS UNIT - 2	300	WR	252	1403	83
364	RAICHUR TPS UNIT - 8	250	SR	391	1754	83
365	CHANDRAPUR(MAHARASHTRA) STPS UNIT - 5	500	WR	231	2091	83
366	NIGRI TPP UNIT - 1	660	WR	65	952	83
367	KSK MAHANADI TPS UNIT - 4	600	WR	278	760	82
368	CHANDRAPUR(MAHARASHTRA) STPS UNIT - 6	500	WR	231	2094	82
369	JSW RATNAGIRI TPP UNIT - 4	300	WR	270	2024	82
370	MARWA TPS UNIT - 2	500	WR	160	550	82
371	SANJAY GANDHI TPS UNIT - 2	210	WR	221	1945	82
372	KHAPARKHEDA TPS UNIT - 1	210	WR	273	2106	82
373	DHARIWAL TPP UNIT - 2	300	WR	236	802	82
374	GMR WARORA TPS UNIT - 1	300	WR	248	1414	82
375	BALCO TPS UNIT - 2	300	WR	307	493	82
376	ANPARA TPS UNIT - 3	210	NR	159	1214	82
377	TAMNAR TPP UNIT - 1	600	WR	220	757	82
378	SANJAY GANDHI TPS UNIT - 1	210	WR	221	1863	81
379	TRN ENERGY TPP UNIT - 1	300	WR	235	364	81
380	GMR WARORA TPS UNIT - 2	300	WR	248	1277	81
381	TALWANDI SABO TPP UNIT - 2	660	NR	285	835	81
382	TALWANDI SABO TPP UNIT - 1	660	NR	285	408	81
383	KHAPARKHEDA TPS UNIT - 2	210	WR	273	2170	81
384	SATPURA TPS UNIT - 7	210	WR	253	1517	81
385	ANPARA TPS UNIT - 1	210	NR	159	1263	81
386	CHANDRAPUR(MAHARASHTRA) STPS UNIT - 7	500	WR	231	2150	80
387	BOKARO 'B' TPS UNIT - 3	210	ER	211	1109	80
388	SAGARDIGHI TPS UNIT - 1	300	ER	343	1186	79
389	DAMODARAM SANJEEVAIAH TPS UNIT - 2	800	SR	285	633	79
390	RAGHUNATHPUR TPP UNIT - 1	600	ER	286	298	79
391	KORADI TPS UNIT - 10	660	WR	217	321	79
392	SOLAPUR TPP UNIT - 1	660	WR	352	86	79
393	MAUDA TPS UNIT - 4	660	WR	312	49	79
394	NEYVELI TPS(Z) UNIT - 1	250	SR	237	567	79
395	KOLAGHAT TPS UNIT - 4	210	ER	385	1893	79
396	TROMBAY TPS UNIT - 6	500	WR	411	700	78
397	KORADI TPS UNIT - 7	210	WR	226	1815	78
398	COASTAL ENERGEN UNIT - 2	600	SR	321	396	78
399	KSK MAHANADI TPS UNIT - 3	600	WR	278	1190	78
400	BANDEL TPS UNIT - 5	215	ER	398	1416	78
401	GMR CHATTISGARH TPP UNIT - 2	685	WR	162	133	77
402	BINA TPS UNIT - 1	250	WR	318	421	77
403	SATPURA TPS UNIT - 9	210	WR	253	1276	77
404	D.P.L. TPS UNIT - 7	300	ER	272	471	77
405	PARLI TPS UNIT - 4	210	WR	224	849	77
406	ANPARA TPS UNIT - 2	210	NR	159	1220	77

**Annexure B2 - Ranking based on Normalised Average Maximum Generation**

The maximum generation in a day is identified for all the operational days considered. The day wise maximum generation thus arrived is averaged and is normalised with respective Installed Capacity(IC). This index is calculated using 15min SCADA data between 1st April 2011 and 31st March 2018. Generation less than 30% of IC in a block is not considered for the analysis.

S.No	Generating Unit Name	Installed Capacity (MW)	Region	Variable cost (Ps/kWh)	Days of operation considered	Normalised Average Maximum Generation (% of IC)
407	BHUSAWAL TPS UNIT - 3	210	WR	307	1735	77
408	CHANDRAPUR(MAHARASHTRA) STPS UNIT - 3	210	WR	231	1735	77
409	BELLARY TPS UNIT - 1	500	SR	395	1654	77
410	BELLARY TPS UNIT - 2	500	SR	395	1529	76
411	ESSAR VADINAR(EPGL) UNIT - 2	600	WR	302	410	76
412	DAMODARAM SANJEEVAIAH TPS UNIT - 1	800	SR	285	709	76
413	ESSAR VADINAR(EPGL) UNIT - 1	600	WR	302	515	75
414	KAMALANGA TPS UNIT - 3	350	ER	170	1292	75
415	MAHADEV PRASAD STPP UNIT - 1	270	ER	131	1352	75
416	RAGHUNATHPUR TPP UNIT - 2	600	ER	286	175	75
417	KORADI TPS UNIT - 8	660	WR	226	588	74
418	KORADI TPS UNIT - 6	210	WR	217	1234	73
419	KORADI TPS UNIT - 9	660	WR	217	436	73
420	BINA TPS UNIT - 2	250	WR	318	244	73
421	MARWA TPS UNIT - 1	500	WR	160	333	73
422	KOLAGHAT TPS UNIT - 1	210	ER	385	1903	73
423	BHAVNAGAR CFBC TPP UNIT - 1	250	WR	263	126	72
424	JHABUA POWER TPP UNIT - 1	600	WR	181	231	72
425	KOLAGHAT TPS UNIT - 3	210	ER	385	1765	71
426	RKM POWER UNIT - 1	360	WR	193	231	71
427	KOLAGHAT TPS UNIT - 2	210	ER	385	1985	71
428	PARLI TPS UNIT - 5	210	WR	224	1056	70
429	SAGARDIGHI TPS UNIT - 3	500	ER	343	402	67
430	MAUDA TPS UNIT - 3	660	WR	312	85	67
431	GMR CHATTISGARH TPP UNIT - 1	685	WR	162	172	67
432	D.P.L. TPS UNIT - 8	250	ER	272	1096	67
433	SAGARDIGHI TPS UNIT - 4	500	ER	343	149	66
434	SHREE SINGAJI TPP UNIT - 2	600	WR	274	300	65
435	OBRA TPS UNIT - 13	200	NR	177	1031	64
436	MAHADEV PRASAD STPP UNIT - 2	270	ER	131	1185	64
437	MAHAN TPP UNIT - 1	600	WR	380	539	64
438	OBRA TPS UNIT - 12	200	NR	177	685	56

**Annexure B3 - Ranking based on Normalised Average Minimum Generation**

The minimum generation in a day is identified for all the operational days considered. The day wise minimum generation thus arrived is averaged and is normalised with respective Installed Capacity(IC). This index is calculated using 15min SCADA data between 1st April 2011 and 31st March 2018. Generation less than 30% of IC in a block is not considered for the analysis.

S.No	Generating Unit Name	Installed Capacity (MW)	Region	Variable cost (Ps/kWh)	Days of operation considered	Normalised Average Minimum Generation (% of IC)
1	BHAVNAGAR CFBC TPP UNIT - 1	250	WR	263	126	38
2	OBRA TPS UNIT - 12	200	NR	177	685	40
3	JHABUA POWER TPP UNIT - 1	600	WR	181	231	40
4	SAGARDIGHI TPS UNIT - 4	500	ER	343	149	41
5	TALWANDI SABO TPP UNIT - 3	660	NR	285	635	44
6	TALWANDI SABO TPP UNIT - 2	660	NR	285	835	44
7	MB POWER TPP UNIT - 2	600	WR	200	297	45
8	TALWANDI SABO TPP UNIT - 1	660	NR	285	408	45
9	KORADI TPS UNIT - 6	210	WR	217	1234	46
10	NEYVELI TPS(Z) UNIT - 1	250	SR	237	567	46
11	SHREE SINGAJI TPP UNIT - 1	600	WR	274	322	46
12	BOKARO 'B' TPS UNIT - 3	210	ER	211	1109	47
13	SHREE SINGAJI TPP UNIT - 2	600	WR	274	300	47
14	OBRA TPS UNIT - 13	200	NR	177	1031	47
15	KOLAGHAT TPS UNIT - 3	210	ER	385	1765	47
16	SAGARDIGHI TPS UNIT - 3	500	ER	343	402	47
17	KUDGI STPP UNIT - 1	800	SR	356	231	47
18	MAHAN TPP UNIT - 1	600	WR	380	539	47
19	GMR CHATTISGARH TPP UNIT - 1	685	WR	162	172	47
20	MAHADEV PRASAD STPP UNIT - 2	270	ER	131	1185	48
21	KOLAGHAT TPS UNIT - 2	210	ER	385	1985	48
22	PARLI TPS UNIT - 5	210	WR	224	1056	48
23	RAGHUNATHPUR TPP UNIT - 2	600	ER	286	175	48
24	ESSAR VADINAR(EPGL) UNIT - 2	600	WR	302	410	48
25	MAUDA TPS UNIT - 2	500	WR	318	684	48
26	MAUDA TPS UNIT - 1	500	WR	318	866	49
27	GOINDWAL SAHIB TPP UNIT - 2	270	NR	294	116	49
28	ESSAR VADINAR(EPGL) UNIT - 1	600	WR	302	515	49
29	KOLAGHAT TPS UNIT - 1	210	ER	385	1903	49
30	MAUDA TPS UNIT - 4	660	WR	312	49	49
31	BONGAIGAON TPP UNIT - 2	250	NER	297	139	49
32	KORADI TPS UNIT - 9	660	WR	217	436	49
33	KORADI TPS UNIT - 10	660	WR	217	321	50
34	HALDIA TPP UNIT - 2	300	ER	277	952	50
35	SOLAPUR TPP UNIT - 1	660	WR	352	86	50
36	KORADI TPS UNIT - 8	660	WR	226	588	50
37	LALITPUR TPS UNIT - 1	660	NR	285	406	50
38	KAMALANGA TPS UNIT - 3	350	ER	170	1292	50
39	PARLI TPS UNIT - 4	210	WR	224	849	50
40	HALDIA TPP UNIT - 1	300	ER	277	1000	51
41	D.P.L. TPS UNIT - 8	250	ER	272	1096	51
42	BALCO TPS UNIT - 2	300	WR	307	493	51
43	RKM POWER UNIT - 1	360	WR	193	231	51
44	BANDEL TPS UNIT - 5	215	ER	398	1416	51
45	MAHATMA GANDHI TPS UNIT - 1	660	NR	357	908	51
46	DERANG TPP UNIT - 2	600	ER	175	813	52
47	MEENAKSHI ENERGY LIMITED UNIT - 2	150	SR	239	601	52
48	GOINDWAL SAHIB TPP UNIT - 1	270	NR	294	250	52
49	MAHATMA GANDHI TPS UNIT - 2	660	NR	357	887	52
50	GMR CHATTISGARH TPP UNIT - 2	685	WR	162	133	52
51	KORADI TPS UNIT - 7	210	WR	226	1815	52
52	COASTAL ENERGEN UNIT - 1	600	SR	321	585	53
53	BELLARY TPS UNIT - 1	500	SR	395	1654	53
54	BELLARY TPS UNIT - 2	500	SR	395	1529	53
55	LALITPUR TPS UNIT - 3	660	NR	285	302	53
56	LALITPUR TPS UNIT - 2	660	NR	285	348	53
57	LANCO AMARKANTAK TPS UNIT - 1	300	WR	246	2364	53
58	INDIRA GANDHI STPP UNIT - 3	500	NR	279	1238	53

**Annexure B3 - Ranking based on Normalised Average Minimum Generation**

The minimum generation in a day is identified for all the operational days considered. The day wise minimum generation thus arrived is averaged and is normalised with respective Installed Capacity(IC). This index is calculated using 15min SCADA data between 1st April 2011 and 31st March 2018. Generation less than 30% of IC in a block is not considered for the analysis.

S.No	Generating Unit Name	Installed Capacity (MW)	Region	Variable cost (Ps/kWh)	Days of operation considered	Normalised Average Minimum Generation (% of IC)
59	MAUDA TPS UNIT - 3	660	WR	312	85	53
60	SATPURA TPS UNIT - 9	210	WR	253	1276	53
61	LANCO AMARKANTAK TPS UNIT - 2	300	WR	252	1403	54
62	INDIRA GANDHI STPP UNIT - 2	500	NR	279	1427	54
63	RAGHUNATHPUR TPP UNIT - 1	600	ER	286	298	54
64	RAJPURA TPP UNIT - 2	700	NR	226	1191	54
65	DERANG TPP UNIT - 1	600	ER	175	682	54
66	INDIRA GANDHI STPP UNIT - 1	500	NR	279	1751	54
67	KHAPARKHEDA TPS UNIT - 1	210	WR	273	2106	55
68	KHAPARKHEDA TPS UNIT - 2	210	WR	273	2170	55
69	RAICHUR TPS UNIT - 8	250	SR	391	1754	55
70	RAJIV GANDHI TPS UNIT - 2	600	NR	369	811	55
71	DURGAPUR TPS UNIT - 4	210	ER	371	1189	55
72	COASTAL ENERGEN UNIT - 2	600	SR	321	396	55
73	NIGRI TPP UNIT - 2	660	WR	65	800	55
74	BALCO TPS UNIT - 1	300	WR	307	673	55
75	KOLAGHAT TPS UNIT - 4	210	ER	385	1893	56
76	ANPARA D TPS UNIT - 2	500	NR	126	380	56
77	TUTICORIN (JV) TPP (NTPL) UNIT - 2	500	SR	315	809	56
78	RAJPURA TPP UNIT - 1	700	NR	226	1064	56
79	TUTICORIN (JV) TPP (NTPL) UNIT - 1	500	SR	315	833	56
80	DB POWER TPS UNIT - 1	600	WR	226	877	56
81	UDUPI PCL UNIT - 2	600	SR	382	1579	56
82	NIGRI TPP UNIT - 1	660	WR	65	952	56
83	SATPURA TPS UNIT - 7	210	WR	253	1517	56
84	DAMODARAM SANJEEVAIAH TPS UNIT - 2	800	SR	285	633	57
85	DB POWER TPS UNIT - 2	600	WR	226	613	57
86	RAJIV GANDHI TPS UNIT - 1	600	NR	369	853	57
87	BONGAIGAON TPP UNIT - 1	250	NER	297	583	57
88	AMARAVATI TPS UNIT - 4	270	WR	303	478	57
89	SIKKA REP TPS UNIT - 3	250	WR	378	53	57
90	BINA TPS UNIT - 2	250	WR	318	244	57
91	UDUPI PCL UNIT - 1	600	SR	382	2012	57
92	DAMODARAM SANJEEVAIAH TPS UNIT - 1	800	SR	285	709	58
93	CHANDRAPUR(MAHARASHTRA) STPS UNIT - 8	500	WR	224	481	58
94	PRAYAGRAJ TPP UNIT - 1	660	NR	249	442	58
95	VIZAG TPP UNIT - 2	520	SR	276	326	58
96	MB POWER TPP UNIT - 1	600	WR	199.7	815	58
97	KODARMA TPP UNIT - 1	500	ER	282	608	58
98	KAMALANGA TPS UNIT - 2	350	ER	170	1225	58
99	VALLUR TPP UNIT - 1	500	SR	320	1487	58
100	TROMBAY TPS UNIT - 6	500	WR	411	700	58
101	MAHADEV PRASAD STPP UNIT - 1	270	ER	131	1352	58
102	SIKKA REP TPS UNIT - 4	250	WR	378	54	58
103	RAICHUR TPS UNIT - 2	210	SR	391	1848	58
104	CHANDRAPUR(MAHARASHTRA) STPS UNIT - 7	500	WR	231	2150	58
105	KAMALANGA TPS UNIT - 1	350	ER	170	1032	59
106	SANJAY GANDHI TPS UNIT - 2	210	WR	221	1945	59
107	ANPARA TPS UNIT - 2	210	NR	159	1220	59
108	RAICHUR TPS UNIT - 1	210	SR	391	1882	59
109	BHUSAWAL TPS UNIT - 3	210	WR	307	1735	59
110	CHANDRAPUR(MAHARASHTRA) STPS UNIT - 3	210	WR	231	1735	59
111	DHARIWAL TPP UNIT - 2	300	WR	236	802	59
112	VALLUR TPP UNIT - 2	500	SR	320	946	59
113	MARWA TPS UNIT - 1	500	WR	160	333	59
114	BARH II UNIT - 5	660	ER	234	726	59
115	VIZAG TPP UNIT - 1	520	SR	276	421	59
116	IL&FS TAMIL NADU PCL UNIT - 1	600	SR	293	674	60

**Annexure B3 - Ranking based on Normalised Average Minimum Generation**

The minimum generation in a day is identified for all the operational days considered. The day wise minimum generation thus arrived is averaged and is normalised with respective Installed Capacity(IC). This index is calculated using 15min SCADA data between 1st April 2011 and 31st March 2018. Generation less than 30% of IC in a block is not considered for the analysis.

S.No	Generating Unit Name	Installed Capacity (MW)	Region	Variable cost (Ps/kWh)	Days of operation considered	Normalised Average Minimum Generation (% of IC)
117	KSK MAHANADI TPS UNIT - 3	600	WR	278	1190	60
118	MUNDRA TPS UNIT - 8	660	WR	196	1995	60
119	SANJAY GANDHI TPS UNIT - 1	210	WR	221	1863	60
120	FARAKKA STPS UNIT - 2	200	ER	240	1782	60
121	BARH II UNIT - 4	660	ER	234	1154	60
122	OBRA TPS UNIT - 11	200	NR	177	445	60
123	DADRI (NCTPP) UNIT - 1	210	NR	414	1059	60
124	MUNDRA TPS UNIT - 1	330	WR	174	1777	60
125	MUNDRA UMTPP UNIT - 4	830	WR	197	1571	60
126	MUNDRA UMTPP UNIT - 1	830	WR	197	1710	60
127	DADRI (NCTPP) UNIT - 2	210	NR	414	912	60
128	RAICHUR TPS UNIT - 7	210	SR	391	2051	60
129	FARAKKA STPS UNIT - 1	200	ER	240	1790	60
130	PARAS TPS UNIT - 4	250	WR	224	2317	60
131	GURU HARGOBIND SINGH TPS UNIT - 4	250	NR	361	656	60
132	D.P.L. TPS UNIT - 7	300	ER	272	471	60
133	MEENAKSHI ENERGY LIMITED UNIT - 1	150	SR	239	437	60
134	JSW RATNAGIRI TPP UNIT - 4	300	WR	270	2024	60
135	FARAKKA STPS UNIT - 4	500	ER	240	1693	61
136	CHANDRAPUR(MAHARASHTRA) STPS UNIT - 6	500	WR	231	2094	61
137	KAHALGAON TPS UNIT - 1	210	ER	241	2369	61
138	NORTH CHENNAI TPS UNIT - 4	600	SR	304	1040	61
139	CHANDRAPUR(MAHARASHTRA) STPS UNIT - 5	500	WR	231	2091	61
140	AMARAVATI TPS UNIT - 3	270	WR	303	444	61
141	BINA TPS UNIT - 1	250	WR	318	421	61
142	SANJAY GANDHI TPS UNIT - 3	210	WR	221	1759	61
143	OBRA TPS UNIT - 10	200	NR	177	526	61
144	FARAKKA STPS UNIT - 3	200	ER	240	1817	61
145	MUNDRA UMTPP UNIT - 3	830	WR	197	1692	61
146	GMR WARORA TPS UNIT - 2	300	WR	248	1277	61
147	CHANDRAPUR(MAHARASHTRA) STPS UNIT - 9	500	WR	224	432	61
148	SATPURA TPS UNIT - 10	250	WR	209	757	61
149	MUNDRA TPS UNIT - 2	330	WR	174	1760	61
150	RAICHUR TPS UNIT - 5	210	SR	391	2068	61
151	NORTH CHENNAI TPS UNIT - 5	600	SR	304	1073	61
152	AMARAVATI TPS UNIT - 5	270	WR	303	292	61
153	ANPARA TPS UNIT - 1	210	NR	159	1263	61
154	PANIPAT TPS UNIT - 6	210	NR	389	276	61
155	FARAKKA STPS UNIT - 5	500	ER	240	1622	62
156	DADRI (NCTPP) UNIT - 4	210	NR	414	1203	62
157	KAHALGAON TPS UNIT - 2	210	ER	241	2396	62
158	SAGARDIGHI TPS UNIT - 1	300	ER	343	1186	62
159	DADRI (NCTPP) UNIT - 3	210	NR	414	1231	62
160	BHUSAWAL TPS UNIT - 4	500	WR	274	585	62
161	PARICHA TPS UNIT - 4	210	NR	311	1163	62
162	KAHALGAON TPS UNIT - 3	210	ER	241	2376	62
163	MUNDRA TPS UNIT - 9	660	WR	196	1918	62
164	KAHALGAON TPS UNIT - 4	210	ER	252	2350	62
165	MUNDRA UMTPP UNIT - 5	830	WR	197	1490	62
166	MUNDRA UMTPP UNIT - 2	830	WR	197	1799	62
167	MEJIA TPS UNIT - 1	210	ER	293	1322	62
168	RAICHUR TPS UNIT - 6	210	SR	391	2189	62
169	MUNDRA TPS UNIT - 7	660	WR	196	1946	62
170	BHUSAWAL TPS UNIT - 5	500	WR	274	589	62
171	TRN ENERGY TPP UNIT - 1	300	WR	235	364	62
172	SATPURA TPS UNIT - 8	210	WR	253	1625	62
173	AMARAVATI TPS UNIT - 1	270	WR	303	578	62
174	PARAS TPS UNIT - 3	250	WR	224	2062	62



**Annexure B3 - Ranking based on Normalised Average Minimum Generation**

The minimum generation in a day is identified for all the operational days considered. The day wise minimum generation thus arrived is averaged and is normalised with respective Installed Capacity(IC). This index is calculated using 15min SCADA data between 1st April 2011 and 31st March 2018. Generation less than 30% of IC in a block is not considered for the analysis.

S.No	Generating Unit Name	Installed Capacity (MW)	Region	Variable cost (Ps/kWh)	Days of operation considered	Normalised Average Minimum Generation (% of IC)
175	GMR WARORA TPS UNIT - 1	300	WR	248	1414	62
176	IL&FS TAMIL NADU PCL UNIT - 2	600	SR	293	418	62
177	VALLUR TPP UNIT - 3	500	SR	320	606	63
178	MEJIA TPS UNIT - 5	250	ER	293	1309	63
179	SATPURA TPS UNIT - 6	200	WR	253	1574	63
180	VINDHYACHAL STPS UNIT - 11	500	WR	154	1379	63
181	KOLAGHAT TPS UNIT - 6	210	ER	385	1961	63
182	KSK MAHANADI TPS UNIT - 4	600	WR	278	760	63
183	GURU GOBIND SINGH TPS UNIT - 5	210	NR	372	558	63
184	KOLAGHAT TPS UNIT - 5	210	ER	385	2104	63
185	AMARAVATI TPS UNIT - 2	270	WR	303	579	63
186	ANPARA TPS UNIT - 3	210	NR	159	1214	63
187	SANJAY GANDHI TPS UNIT - 4	210	WR	221	2032	63
188	RAYALASEEMA TPS UNIT - 2	210	SR	412	2303	63
189	VINDHYACHAL STPS UNIT - 13	500	WR	156	831	63
190	KAHALGAON TPS UNIT - 7	500	ER	252	2241	63
191	KAHALGAON TPS UNIT - 5	500	ER	252	2320	63
192	GURU GOBIND SINGH TPS UNIT - 1	210	NR	372	412	64
193	DURGAPUR STEEL TPS UNIT - 2	500	ER	250	1097	64
194	GURU HARGOBIND SINGH TPS UNIT - 2	210	NR	361	525	64
195	MARWA TPS UNIT - 2	500	WR	160	550	64
196	KAHALGAON TPS UNIT - 6	500	ER	252	2272	64
197	METTUR TPS UNIT - 5	600	SR	362	880	64
198	TAMNAR TPP UNIT - 1	600	WR	220	757	64
199	DURGAPUR STEEL TPS UNIT - 1	500	ER	250	1561	64
200	ROSA TPP UNIT - 4	300	NR	317	1138	64
201	SATPURA TPS UNIT - 11	250	WR	209	655	64
202	BALCO TPS UNIT - 3	300	WR	307	798	64
203	BAKRESWAR TPS UNIT - 3	210	ER	252	1736	64
204	UNCHAHAR TPS UNIT - 3	210	NR	358	2400	64
205	RAYALASEEMA TPS UNIT - 1	210	SR	412	2299	64
206	GURU HARGOBIND SINGH TPS UNIT - 3	250	NR	361	799	64
207	BUTIBORI TPP UNIT - 1	300	WR	245	469	64
208	MEJIA TPS UNIT - 4	210	ER	293	1289	64
209	MEJIA TPS UNIT - 2	210	ER	293	1497	64
210	CHANDRAPUR(MAHARASHTRA) STPS UNIT - 4	210	WR	231	2100	64
211	MEJIA TPS UNIT - 6	250	ER	293	1657	65
212	SIMHADRI STPS UNIT - 4	500	SR	317	1060	65
213	VINDHYACHAL STPS UNIT - 12	500	WR	154	1360	65
214	MEJIA TPS UNIT - 3	210	ER	293	1547	65
215	KHAPARKHEDA TPS UNIT - 3	210	WR	273	2055	65
216	SEMBCORP ENERGY INDIA Ltd P- 2 UNIT - 1	660	SR	221	442	65
217	ROSA TPP UNIT - 2	300	NR	317	1168	65
218	MUNDRA TPS UNIT - 5	660	WR	135	1810	65
219	DADRI (NCTPP) UNIT - 5	490	NR	384	2255	65
220	UNCHAHAR TPS UNIT - 4	210	NR	358	2430	65
221	DADRI (NCTPP) UNIT - 6	490	NR	384	2237	65
222	ANPARA D TPS UNIT - 1	500	NR	126	567	65
223	RAICHUR TPS UNIT - 4	210	SR	391	2172	65
224	ROSA TPP UNIT - 1	300	NR	317	1186	65
225	SEMBCORP ENERGY INDIA Ltd P- 2 UNIT - 2	660	SR	221	356	65
226	RIHAND STPS UNIT - 5	500	NR	141	1785	66
227	ROSA TPP UNIT - 3	300	NR	317	1097	66
228	GURU GOBIND SINGH TPS UNIT - 3	210	NR	372	479	66
229	TENUGHAT TPS UNIT - 2	210	ER	193	1443	66
230	ANPARA C TPS UNIT - 2	600	NR	206	1168	66
231	UNCHAHAR TPS UNIT - 5	210	NR	358	2467	66
232	KODARMA TPP UNIT - 2	500	ER	282	1067	66

**Annexure B3 - Ranking based on Normalised Average Minimum Generation**

The minimum generation in a day is identified for all the operational days considered. The day wise minimum generation thus arrived is averaged and is normalised with respective Installed Capacity(IC). This index is calculated using 15min SCADA data between 1st April 2011 and 31st March 2018. Generation less than 30% of IC in a block is not considered for the analysis.

S.No	Generating Unit Name	Installed Capacity (MW)	Region	Variable cost (Ps/kWh)	Days of operation considered	Normalised Average Minimum Generation (% of IC)
233	MEJIA TPS UNIT - 7	500	ER	240	1666	66
234	TIRORA TPS UNIT - 4	660	WR	238	997	66
235	GANDHI NAGAR TPS UNIT - 3	210	WR	422	1406	66
236	RAICHUR TPS UNIT - 3	210	SR	391	2010	66
237	PARICHHA TPS UNIT - 6	250	NR	293	1124	66
238	MUNDRA TPS UNIT - 3	330	WR	174	2147	66
239	TIRORA TPS UNIT - 1	660	WR	238	1290	66
240	TROMBAY TPS UNIT - 5	500	WR	411	2384	66
241	RAYALASEEMA TPS UNIT - 5	210	SR	412	961	66
242	KAKATIYA TPS UNIT - 2	600	SR	277	641	66
243	KALISINDH TPS UNIT - 2	600	NR	267	568	66
244	MEJIA TPS UNIT - 8	500	ER	240	1339	67
245	GANDHI NAGAR TPS UNIT - 4	210	WR	422	1434	67
246	BALCO TPS UNIT - 4	300	WR	307	689	67
247	WANAKBORI TPS UNIT - 1	210	WR	412	1741	67
248	GURU GOBIND SINGH TPS UNIT - 2	210	NR	372	469	67
249	TENUGHAT TPS UNIT - 1	210	ER	193	1439	67
250	MAITHON RB TPP UNIT - 2	525	ER	279	1693	67
251	PARLI TPS UNIT - 6	250	WR	350	412	67
252	NASIK TPS UNIT - 4	210	WR	327	2195	67
253	TIRORA TPS UNIT - 5	660	WR	238	917	67
254	SIMHAPURI ENERGY LIMITED UNIT - 1	150	SR	239	392	67
255	CHANDRAPURA(DVC) TPS UNIT - 8	250	ER	204	1601	67
256	KHAPARKHEDA TPS UNIT - 4	210	WR	273	2126	67
257	BUDGE BUDGE TPS UNIT - 2	250	ER	266	1826	67
258	UNCHAHAR TPS UNIT - 1	210	NR	358	2395	67
259	PARICHHA TPS UNIT - 5	250	NR	293	1082	67
260	NASIK TPS UNIT - 5	210	WR	327	2074	67
261	SAGARDIGHI TPS UNIT - 2	300	ER	343	1072	67
262	GURU GOBIND SINGH TPS UNIT - 6	210	NR	372	410	67
263	GURU GOBIND SINGH TPS UNIT - 4	210	NR	372	495	67
264	RAYALASEEMA TPS UNIT - 4	210	SR	412	2382	68
265	MUNDRA TPS UNIT - 6	660	WR	135	1441	68
266	MUNDRA TPS UNIT - 4	330	WR	174	2132	68
267	NASIK TPS UNIT - 3	210	WR	327	2112	68
268	ANPARA C TPS UNIT - 1	600	NR	206	1192	68
269	SIMHADRI STPS UNIT - 3	500	SR	317	2151	68
270	JSW RATNAGIRI TPP UNIT - 3	300	WR	270	2047	68
271	BAKRESWAR TPS UNIT - 4	210	ER	252	1681	68
272	KOTA TPS UNIT - 5	210	NR	300	1080	68
273	RAYALASEEMA TPS UNIT - 3	210	SR	412	2400	68
274	SANTALDIH TPS UNIT - 5	250	ER	262	1397	68
275	Dr. N.TATA RAO TPS UNIT - 7	500	SR	314	2315	68
276	UNCHAHAR TPS UNIT - 2	210	NR	358	2384	68
277	CHHABRA TPP UNIT - 1	250	NR	227	883	68
278	PARLI TPS UNIT - 7	250	WR	350	324	68
279	CHANDRAPURA(DVC) TPS UNIT - 7	250	ER	204	1656	68
280	TIRORA TPS UNIT - 3	660	WR	238	1269	68
281	TIRORA TPS UNIT - 2	660	WR	238	1320	68
282	KAWAI TPS UNIT - 2	660	NR	260	892	68
283	MAITHON RB TPP UNIT - 1	525	ER	279	1212	69
284	KOTA TPS UNIT - 3	210	NR	300	1035	69
285	KOTHAGUDEM TPS (NEW) UNIT - 11	500	SR	259	1395	69
286	Dr. N.TATA RAO TPS UNIT - 6	210	SR	329	2386	69
287	CHHABRA TPP UNIT - 2	250	NR	227	1035	69
288	RIHAND STPS UNIT - 1	500	NR	141	2344	69
289	KALISINDH TPS UNIT - 1	600	NR	267	887	69
290	KOTA TPS UNIT - 4	210	NR	300	1081	69

**Annexure B3 - Ranking based on Normalised Average Minimum Generation**

The minimum generation in a day is identified for all the operational days considered. The day wise minimum generation thus arrived is averaged and is normalised with respective Installed Capacity(IC). This index is calculated using 15min SCADA data between 1st April 2011 and 31st March 2018. Generation less than 30% of IC in a block is not considered for the analysis.

S.No	Generating Unit Name	Installed Capacity (MW)	Region	Variable cost (Ps/kWh)	Days of operation considered	Normalised Average Minimum Generation (% of IC)
291	BAKRESWAR TPS UNIT - 5	210	ER	252	1777	69
292	BAKRESWAR TPS UNIT - 1	210	ER	252	1721	69
293	WANAKBORI TPS UNIT - 3	210	WR	412	1634	69
294	OBRA TPS UNIT - 9	200	NR	177	1222	69
295	WANAKBORI TPS UNIT - 2	210	WR	412	1649	69
296	VINDHYACHAL STPS UNIT - 6	210	WR	163	2364	69
297	YAMUNA NAGAR TPS UNIT - 2	300	NR	363	1093	69
298	BUTIBORI TPP UNIT - 2	300	WR	245	665	70
299	Dr. N.TATA RAO TPS UNIT - 1	210	SR	329	2089	70
300	UKAI TPS UNIT - 5	210	WR	363	1988	70
301	UKAI TPS UNIT - 3	200	WR	363	1958	70
302	PARICHA TPS UNIT - 3	210	NR	311	1132	70
303	JSW RATNAGIRI TPP UNIT - 2	300	WR	270	1673	70
304	RIHAND STPS UNIT - 2	500	NR	141	2348	70
305	KOTHAGUEDEM TPS (NEW) UNIT - 10	250	SR	276	2337	70
306	TAMNAR TPP UNIT - 2	600	WR	220	981	70
307	PANIPAT TPS UNIT - 8	250	NR	368	708	70
308	WANAKBORI TPS UNIT - 4	210	WR	412	1566	70
309	Dr. N.TATA RAO TPS UNIT - 2	210	SR	329	2255	70
310	UKAI TPS UNIT - 4	200	WR	363	1972	70
311	SIMHAPURI ENERGY LIMITED UNIT - 2	150	SR	239	358	70
312	KAKATIYA TPS UNIT - 1	500	SR	282	2248	70
313	KHAPARKHEDA TPS UNIT - 5	500	WR	235	1899	71
314	SURATGARH TPS UNIT - 2	250	NR	330	616	71
315	WANAKBORI TPS UNIT - 5	210	WR	412	1511	71
316	RIHAND STPS UNIT - 6	500	NR	141	1290	71
317	YAMUNA NAGAR TPS UNIT - 1	300	NR	363	1090	71
318	BUDGE BUDGE TPS UNIT - 1	250	ER	266	1719	71
319	KOTHAGUEDEM TPS (NEW) UNIT - 9	250	SR	259	2250	71
320	SIMHADRI STPS UNIT - 1	500	SR	320	2387	71
321	KAWAI TPS UNIT - 1	660	NR	260	994	71
322	UKAI TPS UNIT - 6	500	WR	363	581	71
323	SANTALDIH TPS UNIT - 6	250	ER	262	1689	71
324	BHILAI TPS UNIT - 2	250	WR	357	2439	71
325	PANIPAT TPS UNIT - 7	250	NR	368	586	71
326	Dr. N.TATA RAO TPS UNIT - 4	210	SR	329	2373	71
327	TUTICORIN TPS UNIT - 3	210	SR	313	2030	72
328	SIMHAPURI ENERGY LIMITED UNIT - 4	150	SR	239	492	72
329	SIMHADRI STPS UNIT - 2	500	SR	320	2355	72
330	WANAKBORI TPS UNIT - 6	210	WR	412	1369	72
331	BHILAI TPS UNIT - 1	250	WR	357	2318	72
332	VINDHYACHAL STPS UNIT - 8	500	WR	158	2334	72
333	NORTH CHENNAI TPS UNIT - 1	210	SR	307	2137	72
334	SEMBCORP ENERGY INDIA Ltd P- 1 UNIT - 2	660	SR	221	799	72
335	Dr. N.TATA RAO TPS UNIT - 5	210	SR	329	2375	72
336	VINDHYACHAL STPS UNIT - 2	210	WR	163	2281	72
337	BOKARO TPS 'A' EXP UNIT - 1	500	ER	223	329	72
338	SIPAT STPS UNIT - 1	660	WR	127	2084	72
339	TALCHER STPS UNIT - 1	500	ER	179	2269	72
340	SIPAT STPS UNIT - 3	660	WR	127	1891	73
341	SINGARENI TPP UNIT - 1	600	SR	266	537	73
342	SEMBCORP ENERGY INDIA Ltd P- 1 UNIT - 1	660	SR	221	939	73
343	SANJAY GANDHI TPS UNIT - 5	500	WR	221	2305	73
344	WANAKBORI TPS UNIT - 7	210	WR	402	2147	73
345	VINDHYACHAL STPS UNIT - 1	210	WR	163	2376	73
346	NORTH CHENNAI TPS UNIT - 2	210	SR	307	2202	73
347	Dr. N.TATA RAO TPS UNIT - 3	210	SR	329	2403	73
348	SIMHAPURI ENERGY LIMITED UNIT - 3	150	SR	239	466	73

**Annexure B3 - Ranking based on Normalised Average Minimum Generation**

The minimum generation in a day is identified for all the operational days considered. The day wise minimum generation thus arrived is averaged and is normalised with respective Installed Capacity(IC). This index is calculated using 15min SCADA data between 1st April 2011 and 31st March 2018. Generation less than 30% of IC in a block is not considered for the analysis.

S.No	Generating Unit Name	Installed Capacity (MW)	Region	Variable cost (Ps/kWh)	Days of operation considered	Normalised Average Minimum Generation (% of IC)
349	VINDHYACHAL STPS UNIT - 4	210	WR	163	2289	74
350	SIPAT STPS UNIT - 2	660	WR	127	1920	74
351	RIHAND STPS UNIT - 3	500	NR	141	2409	74
352	RIHAND STPS UNIT - 4	500	NR	141	2359	74
353	SURATGARH TPS UNIT - 1	250	NR	330	609	74
354	OP JINDAL TPS UNIT - 2	250	WR	99	2073	74
355	SASAN UMTTP UNIT - 4	660	WR	132	1325	74
356	KOTA TPS UNIT - 7	195	NR	300	1180	74
357	SURATGARH TPS UNIT - 5	250	NR	330	571	74
358	TALCHER STPS UNIT - 2	500	ER	179	2298	74
359	VINDHYACHAL STPS UNIT - 3	210	WR	163	2324	74
360	OP JINDAL TPS UNIT - 4	250	WR	99	1959	74
361	TUTICORIN TPS UNIT - 2	210	SR	313	2138	75
362	OP JINDAL TPS UNIT - 1	250	WR	99	1754	75
363	KOTA TPS UNIT - 6	195	NR	300	1155	75
364	VINDHYACHAL STPS UNIT - 7	500	WR	158	2317	75
365	VINDHYACHAL STPS UNIT - 9	500	WR	156	2366	75
366	JSW RATNAGIRI TPP UNIT - 1	300	WR	270	1968	75
367	SURATGARH TPS UNIT - 3	250	NR	330	642	75
368	SINGRAULI STPS UNIT - 7	500	NR	147	2288	75
369	SURATGARH TPS UNIT - 4	250	NR	330	709	75
370	RAMAGUNDAM STPS UNIT - 7	500	SR	266	2328	75
371	SASAN UMTTP UNIT - 2	660	WR	132	1282	75
372	KORBA-WEST TPS UNIT - 3	210	WR	155	2261	76
373	SURATGARH TPS UNIT - 6	250	NR	330	504	76
374	TUTICORIN TPS UNIT - 1	210	SR	313	2041	76
375	SASAN UMTTP UNIT - 3	660	WR	132	1419	76
376	KORBA-WEST TPS UNIT - 4	210	WR	155	2190	76
377	VINDHYACHAL STPS UNIT - 10	500	WR	156	2343	76
378	NEYVELI TPS-II UNIT - 4	210	SR	259	2300	76
379	SASAN UMTTP UNIT - 5	660	WR	132	1182	76
380	SINGRAULI STPS UNIT - 6	500	NR	147	2293	76
381	ANPARA TPS UNIT - 4	500	NR	141	1216	76
382	OP JINDAL TPS UNIT - 3	250	WR	99	1841	76
383	VINDHYACHAL STPS UNIT - 5	210	WR	163	2249	77
384	SIPAT STPS UNIT - 5	500	WR	131	2377	77
385	TALCHER STPS-II UNIT - 4	500	SR	179	2354	77
386	TROMBAY TPS UNIT - 8	250	WR	442	2077	77
387	RAMAGUNDAM STPS UNIT - 6	500	SR	270	2415	77
388	TUTICORIN TPS UNIT - 4	210	SR	313	2271	77
389	TUTICORIN TPS UNIT - 5	210	SR	313	2231	77
390	SASAN UMTTP UNIT - 1	660	WR	132	1266	77
391	RAMAGUNDAM STPS UNIT - 5	500	SR	270	2345	77
392	SIPAT STPS UNIT - 4	500	WR	131	2388	77
393	SINGRAULI STPS UNIT - 5	200	NR	147	2477	77
394	ANPARA TPS UNIT - 5	500	NR	141	1209	77
395	KORBA-EAST EXT TPS UNIT - 2	250	WR	133	2299	77
396	NORTH CHENNAI TPS UNIT - 3	210	SR	307	2276	77
397	TALCHER STPS-II UNIT - 1	500	SR	179	2342	77
398	TALCHER STPS-II UNIT - 3	500	SR	179	2370	77
399	SINGARENI TPP UNIT - 2	600	SR	266	490	77
400	SASAN UMTTP UNIT - 6	660	WR	132	992	77
401	SINGRAULI STPS UNIT - 4	200	NR	147	2385	77
402	RAMAGUNDAM STPS UNIT - 4	500	SR	270	2339	77
403	TALCHER STPS-II UNIT - 2	500	SR	179	2348	78
404	GANDHI NAGAR TPS UNIT - 5	210	WR	407	2307	78
405	KORBA-EAST EXT TPS UNIT - 1	250	WR	133	2131	78
406	SINGRAULI STPS UNIT - 1	200	NR	147	2366	78

**Annexure B3 - Ranking based on Normalised Average Minimum Generation**

The minimum generation in a day is identified for all the operational days considered. The day wise minimum generation thus arrived is averaged and is normalised with respective Installed Capacity(IC). This index is calculated using 15min SCADA data between 1st April 2011 and 31st March 2018. Generation less than 30% of IC in a block is not considered for the analysis.

S.No	Generating Unit Name	Installed Capacity (MW)	Region	Variable cost (Ps/kWh)	Days of operation considered	Normalised Average Minimum Generation (% of IC)
407	NEYVELI TPS-II UNIT - 7	210	SR	259	2269	78
408	RAMAGUNDAM STPS UNIT - 3	200	SR	270	2366	78
409	NEYVELI TPS-II UNIT - 1	210	SR	259	2264	78
410	SINGRAULI STPS UNIT - 3	200	NR	147	2383	79
411	NEYVELI TPS-II UNIT - 6	210	SR	259	2319	79
412	ACBIL TPP UNIT - 1	300	WR	94	571	79
413	KORBA-WEST EXT TPS UNIT - 1	500	WR	199	659	79
414	KORBA STPS UNIT - 7	500	WR	130	2345	79
415	NEYVELI TPS-II UNIT - 5	210	SR	259	2272	79
416	NEYVELI TPS-II UNIT - 2	210	SR	259	2279	79
417	DAHANU TPS UNIT - 1	250	WR	339	2465	79
418	SINGRAULI STPS UNIT - 2	200	NR	147	2371	79
419	KORBA-WEST TPS UNIT - 2	210	WR	155	2371	80
420	KORBA STPS UNIT - 6	500	WR	133	2254	80
421	BUDGE BUDGE TPS UNIT - 3	250	ER	266	1807	81
422	DAHANU TPS UNIT - 2	250	WR	339	2381	81
423	NEYVELI TPS-II UNIT - 3	210	SR	259	2159	81
424	METTUR TPS UNIT - 4	210	SR	362	2134	81
425	NEYVELI ( EXT) TPS UNIT - 1	210	SR	237	2318	81
426	RAMAGUNDAM STPS UNIT - 1	200	SR	270	2407	81
427	METTUR TPS UNIT - 1	210	SR	362	2250	82
428	KORBA STPS UNIT - 1	200	WR	133	2208	82
429	KORBA STPS UNIT - 5	500	WR	133	2345	82
430	KORBA-WEST TPS UNIT - 1	210	WR	155	2409	83
431	RAMAGUNDAM STPS UNIT - 2	200	SR	270	2404	83
432	METTUR TPS UNIT - 3	210	SR	362	2220	83
433	AMARKANTAK TPS UNIT - 1	210	WR	156	2400	84
434	NEYVELI ( EXT) TPS UNIT - 2	210	SR	237	2251	84
435	METTUR TPS UNIT - 2	210	SR	362	2282	84
436	KORBA STPS UNIT - 4	500	WR	133	2348	85
437	KORBA STPS UNIT - 2	200	WR	133	2389	89
438	KORBA STPS UNIT - 3	200	WR	133	2344	90

**Annexure B4 - Ranking based on Percentage of days Maximum Generation is achieved**

A generating unit is considered to have achieved maximum generation, if generation in any time block of the day is in range of 95-105% of Installed Capacity(IC). This index is calculated using 15min SCADA data between 1st April 2011 and 31st March 2018.

S.No	Generating Unit Name	Installed Capacity (MW)	Region	Variable cost (Ps/kWh)	Days of operation considered	Percentage of Days Maximum Generation is achieved (%)
1	NEYVELI ( EXT) TPS UNIT - 2	210	SR	237	2251	99
2	NEYVELI TPS-II UNIT - 3	210	SR	259	2159	97
3	NEYVELI ( EXT) TPS UNIT - 1	210	SR	237	2318	97
4	NEYVELI TPS-II UNIT - 2	210	SR	259	2279	96
5	SEMBCORP ENERGY INDIA Ltd P- 1 UNIT - 2	660	SR	221	799	94
6	NEYVELI TPS-II UNIT - 5	210	SR	259	2272	94
7	RAMAGUNDAM STPS UNIT - 4	500	SR	270	2339	94
8	RIHAND STPS UNIT - 3	500	NR	141	2409	94
9	NEYVELI TPS-II UNIT - 1	210	SR	259	2264	94
10	VINDHYACHAL STPS UNIT - 11	500	WR	154	1379	94
11	RAMAGUNDAM STPS UNIT - 1	200	SR	270	2407	93
12	SINGRAULI STPS UNIT - 6	500	NR	147	2293	93
13	NEYVELI TPS-II UNIT - 4	210	SR	259	2300	93
14	AMARKANTAK TPS UNIT - 1	210	WR	156	2400	93
15	VINDHYACHAL STPS UNIT - 13	500	WR	156	831	93
16	RAMAGUNDAM STPS UNIT - 7	500	SR	266	2328	93
17	METTUR TPS UNIT - 2	210	SR	362	2282	93
18	DAHANU TPS UNIT - 1	250	WR	339	2465	93
19	SINGRAULI STPS UNIT - 7	500	NR	147	2288	93
20	RIHAND STPS UNIT - 4	500	NR	141	2359	93
21	SURATGARH TPS UNIT - 2	250	NR	330	616	93
22	NEYVELI TPS-II UNIT - 7	210	SR	259	2269	93
23	RAMAGUNDAM STPS UNIT - 6	500	SR	270	2415	92
24	SEMBCORP ENERGY INDIA Ltd P- 1 UNIT - 1	660	SR	221	939	92
25	VINDHYACHAL STPS UNIT - 7	500	WR	158	2317	91
26	VINDHYACHAL STPS UNIT - 12	500	WR	154	1360	91
27	SINGARENI TPP UNIT - 2	600	SR	266	490	91
28	SURATGARH TPS UNIT - 1	250	NR	330	609	91
29	BUDGE BUDGE TPS UNIT - 2	250	ER	266	1826	91
30	CHHABRA TPP UNIT - 2	250	NR	227	1035	90
31	RIHAND STPS UNIT - 6	500	NR	141	1290	90
32	TROMBAY TPS UNIT - 5	500	WR	411	2384	89
33	SINGRAULI STPS UNIT - 2	200	NR	147	2371	89
34	SIPAT STPS UNIT - 5	500	WR	131	2377	89
35	RIHAND STPS UNIT - 5	500	NR	141	1785	89
36	SURATGARH TPS UNIT - 6	250	NR	330	504	89
37	TROMBAY TPS UNIT - 8	250	WR	442	2077	89
38	METTUR TPS UNIT - 4	210	SR	362	2134	89
39	RAMAGUNDAM STPS UNIT - 2	200	SR	270	2404	89
40	SIPAT STPS UNIT - 4	500	WR	131	2388	88
41	TUTICORIN TPS UNIT - 5	210	SR	313	2231	88
42	SURATGARH TPS UNIT - 4	250	NR	330	709	88
43	UKAI TPS UNIT - 6	500	WR	363	581	88
44	NORTH CHENNAI TPS UNIT - 3	210	SR	307	2276	88
45	NEYVELI TPS-II UNIT - 6	210	SR	259	2319	87
46	VINDHYACHAL STPS UNIT - 8	500	WR	158	2334	87
47	SEMBCORP ENERGY INDIA Ltd P- 2 UNIT - 1	660	SR	221	442	86
48	TALCHER STPS-II UNIT - 3	500	SR	179	2370	85
49	DAHANU TPS UNIT - 2	250	WR	339	2381	85
50	CHHABRA TPP UNIT - 1	250	NR	227	883	85
51	KORBA STPS UNIT - 5	500	WR	133	2345	85
52	KORBA STPS UNIT - 6	500	WR	133	2254	85
53	GURU GOBIND SINGH TPS UNIT - 6	210	NR	372	410	84
54	Dr. N.TATA RAO TPS UNIT - 4	210	SR	329	2373	84
55	WANAKBORI TPS UNIT - 4	210	WR	412	1566	84
56	SINGARENI TPP UNIT - 1	600	SR	266	537	84
57	NORTH CHENNAI TPS UNIT - 1	210	SR	307	2137	83
58	Dr. N.TATA RAO TPS UNIT - 3	210	SR	329	2403	83
59	SIPAT STPS UNIT - 2	660	WR	127	1920	83
60	SINGRAULI STPS UNIT - 1	200	NR	147	2366	83



**Annexure B4 - Ranking based on Percentage of days Maximum Generation is achieved**

**A generating unit is considered to have achieved maximum generation, if generation in any time block of the day is in range of 95-105% of Installed Capacity(IC). This index is calculated using 15min SCADA data between 1st April 2011 and 31st March 2018.**

S.No	Generating Unit Name	Installed Capacity (MW)	Region	Variable cost (Ps/kWh)	Days of operation considered	Percentage of Days Maximum Generation is achieved (%)
61	GANDHI NAGAR TPS UNIT - 5	210	WR	407	2307	83
62	SASAN UMTTP UNIT - 6	660	WR	132	992	82
63	SINGRAULI STPS UNIT - 3	200	NR	147	2383	82
64	WANAKBORI TPS UNIT - 7	210	WR	402	2147	82
65	Dr. N.TATA RAO TPS UNIT - 7	500	SR	314	2315	82
66	UKAI TPS UNIT - 4	200	WR	363	1972	82
67	TUTICORIN TPS UNIT - 2	210	SR	313	2138	81
68	TUTICORIN TPS UNIT - 4	210	SR	313	2271	81
69	SIPAT STPS UNIT - 3	660	WR	127	1891	81
70	NORTH CHENNAI TPS UNIT - 2	210	SR	307	2202	81
71	TALCHER STPS-II UNIT - 2	500	SR	179	2348	80
72	UKAI TPS UNIT - 3	200	WR	363	1958	80
73	BUDGE BUDGE TPS UNIT - 1	250	ER	266	1719	80
74	TALCHER STPS-II UNIT - 4	500	SR	179	2354	80
75	METTUR TPS UNIT - 3	210	SR	362	2220	80
76	MAITHON RB TPP UNIT - 1	525	ER	279	1212	80
77	UKAI TPS UNIT - 5	210	WR	363	1988	79
78	METTUR TPS UNIT - 1	210	SR	362	2250	79
79	KORBA STPS UNIT - 1	200	WR	133	2208	79
80	RAJIV GANDHI TPS UNIT - 1	600	NR	369	853	79
81	TUTICORIN TPS UNIT - 1	210	SR	313	2041	79
82	SINGRAULI STPS UNIT - 4	200	NR	147	2385	78
83	SIMHAPURI ENERGY LIMITED UNIT - 3	150	SR	239	466	78
84	SANJAY GANDHI TPS UNIT - 5	500	WR	221	2305	78
85	OP JINDAL TPS UNIT - 3	250	WR	99	1841	78
86	WANAKBORI TPS UNIT - 6	210	WR	412	1369	77
87	SIPAT STPS UNIT - 1	660	WR	127	2084	77
88	KORBA-WEST TPS UNIT - 1	210	WR	155	2409	77
89	SIMHADRI STPS UNIT - 4	500	SR	317	1060	77
90	SASAN UMTTP UNIT - 5	660	WR	132	1182	77
91	SIMHAPURI ENERGY LIMITED UNIT - 4	150	SR	239	492	77
92	VINDHYACHAL STPS UNIT - 9	500	WR	156	2366	77
93	IL&FS TAMIL NADU PCL UNIT - 2	600	SR	293	418	76
94	GANDHI NAGAR TPS UNIT - 3	210	WR	422	1406	76
95	GANDHI NAGAR TPS UNIT - 4	210	WR	422	1434	76
96	RAJPURA TPP UNIT - 2	700	NR	226	1191	76
97	Dr. N.TATA RAO TPS UNIT - 6	210	SR	329	2386	76
98	SIMHADRI STPS UNIT - 3	500	SR	317	2151	76
99	MEENAKSHI ENERGY LIMITED UNIT - 2	150	SR	239	601	76
100	RAYALASEEMA TPS UNIT - 4	210	SR	412	2382	75
101	SIMHADRI STPS UNIT - 2	500	SR	320	2355	75
102	BAKRESWAR TPS UNIT - 1	210	ER	252	1721	75
103	MAITHON RB TPP UNIT - 2	525	ER	279	1693	75
104	LALITPUR TPS UNIT - 3	660	NR	285	302	75
105	UNCHAHAR TPS UNIT - 2	210	NR	358	2384	74
106	SANTALDIH TPS UNIT - 6	250	ER	262	1689	74
107	DADRI (NCTPP) UNIT - 5	490	NR	384	2255	72
108	RAYALASEEMA TPS UNIT - 3	210	SR	412	2400	72
109	KAKATIYA TPS UNIT - 1	500	SR	282	2248	72
110	RAYALASEEMA TPS UNIT - 5	210	SR	412	961	72
111	IL&FS TAMIL NADU PCL UNIT - 1	600	SR	293	674	72
112	KORBA STPS UNIT - 4	500	WR	133	2348	72
113	SIMHADRI STPS UNIT - 1	500	SR	320	2387	72
114	TUTICORIN TPS UNIT - 3	210	SR	313	2030	72
115	DADRI (NCTPP) UNIT - 6	490	NR	384	2237	72
116	KOTA TPS UNIT - 4	210	NR	300	1081	71
117	GURU GOBIND SINGH TPS UNIT - 4	210	NR	372	495	70
118	ACBIL TPP UNIT - 1	300	WR	94	571	70
119	UNCHAHAR TPS UNIT - 4	210	NR	358	2430	69
120	RIHAND STPS UNIT - 2	500	NR	141	2348	69

**Annexure B4 - Ranking based on Percentage of days Maximum Generation is achieved**

**A generating unit is considered to have achieved maximum generation, if generation in any time block of the day is in range of 95-105% of Installed Capacity(IC). This index is calculated using 15min SCADA data between 1st April 2011 and 31st March 2018.**

S.No	Generating Unit Name	Installed Capacity (MW)	Region	Variable cost (Ps/kWh)	Days of operation considered	Percentage of Days Maximum Generation is achieved (%)
121	UNCHAHAR TPS UNIT - 1	210	NR	358	2395	68
122	RAJPURA TPP UNIT - 1	700	NR	226	1064	68
123	BOKARO TPS 'A' EXP UNIT - 1	500	ER	223	329	68
124	WANAKBORI TPS UNIT - 2	210	WR	412	1649	68
125	LALITPUR TPS UNIT - 2	660	NR	285	348	68
126	BUTIBORI TPP UNIT - 1	300	WR	245	469	67
127	SIMHAPURI ENERGY LIMITED UNIT - 2	150	SR	239	358	67
128	SASAN UMTTP UNIT - 4	660	WR	132	1325	67
129	SATPURA TPS UNIT - 11	250	WR	209	655	67
130	OP JINDAL TPS UNIT - 1	250	WR	99	1754	67
131	GURU GOBIND SINGH TPS UNIT - 3	210	NR	372	479	66
132	KOTHAGUDEM TPS (NEW) UNIT - 11	500	SR	259	1395	66
133	TALCHER STPS UNIT - 2	500	ER	179	2298	66
134	ANPARA D TPS UNIT - 1	500	NR	126	567	66
135	BUTIBORI TPP UNIT - 2	300	WR	245	665	66
136	TALCHER STPS-II UNIT - 1	500	SR	179	2342	65
137	SINGRAULI STPS UNIT - 5	200	NR	147	2477	65
138	UNCHAHAR TPS UNIT - 3	210	NR	358	2400	65
139	DURGAPUR STEEL TPS UNIT - 1	500	ER	250	1561	65
140	RAJIV GANDHI TPS UNIT - 2	600	NR	369	811	64
141	UNCHAHAR TPS UNIT - 5	210	NR	358	2467	64
142	KORBA-WEST TPS UNIT - 2	210	WR	155	2371	64
143	ANPARA C TPS UNIT - 2	600	NR	206	1168	64
144	DURGAPUR STEEL TPS UNIT - 2	500	ER	250	1097	64
145	MEJIA TPS UNIT - 7	500	ER	240	1666	63
146	SEMBCORP ENERGY INDIA Ltd P- 2 UNIT - 2	660	SR	221	356	63
147	SASAN UMTTP UNIT - 1	660	WR	132	1266	63
148	ANPARA D TPS UNIT - 2	500	NR	126	380	63
149	TALCHER STPS UNIT - 1	500	ER	179	2269	62
150	TUTICORIN (JV) TPP (NTPL) UNIT - 2	500	SR	315	809	61
151	VALLUR TPP UNIT - 2	500	SR	320	946	61
152	MEJIA TPS UNIT - 8	500	ER	240	1339	61
153	ANPARA TPS UNIT - 5	500	NR	141	1209	61
154	GOINDWAL SAHIB TPP UNIT - 2	270	NR	294	116	61
155	WANAKBORI TPS UNIT - 1	210	WR	412	1741	61
156	ANPARA C TPS UNIT - 1	600	NR	206	1192	60
157	KORBA-WEST EXT TPS UNIT - 1	500	WR	199	659	60
158	VALLUR TPP UNIT - 3	500	SR	320	606	60
159	OP JINDAL TPS UNIT - 4	250	WR	99	1959	59
160	FARAKKA STPS UNIT - 3	200	ER	240	1817	59
161	UDUPI PCL UNIT - 2	600	SR	382	1579	59
162	SIMHAPURI ENERGY LIMITED UNIT - 1	150	SR	239	392	59
163	VINDHYACHAL STPS UNIT - 10	500	WR	156	2343	59
164	BHUSAWAL TPS UNIT - 5	500	WR	274	589	58
165	MUNDRA TPS UNIT - 4	330	WR	174	2132	58
166	WANAKBORI TPS UNIT - 3	210	WR	412	1634	57
167	SASAN UMTTP UNIT - 2	660	WR	132	1282	57
168	BHILAI TPS UNIT - 2	250	WR	357	2439	56
169	METTUR TPS UNIT - 5	600	SR	362	880	56
170	MUNDRA TPS UNIT - 6	660	WR	135	1441	55
171	MEENAKSHI ENERGY LIMITED UNIT - 1	150	SR	239	437	55
172	KORBA-EAST EXT TPS UNIT - 1	250	WR	133	2131	55
173	BALCO TPS UNIT - 4	300	WR	307	689	54
174	Dr. N.TATA RAO TPS UNIT - 2	210	SR	329	2255	54
175	BAKRESWAR TPS UNIT - 4	210	ER	252	1681	54
176	Dr. N.TATA RAO TPS UNIT - 5	210	SR	329	2375	54
177	SURATGARH TPS UNIT - 5	250	NR	330	571	54
178	SATPURA TPS UNIT - 10	250	WR	209	757	54
179	UDUPI PCL UNIT - 1	600	SR	382	2012	53
180	TAMNAR TPP UNIT - 2	600	WR	220	981	53

**Annexure B4 - Ranking based on Percentage of days Maximum Generation is achieved**

**A generating unit is considered to have achieved maximum generation, if generation in any time block of the day is in range of 95-105% of Installed Capacity(IC). This index is calculated using 15min SCADA data between 1st April 2011 and 31st March 2018.**

S.No	Generating Unit Name	Installed Capacity (MW)	Region	Variable cost (Ps/kWh)	Days of operation considered	Percentage of Days Maximum Generation is achieved (%)
181	FARAKKA STPS UNIT - 4	500	ER	240	1693	52
182	LALITPUR TPS UNIT - 1	660	NR	285	406	52
183	BHUSAWAL TPS UNIT - 4	500	WR	274	585	52
184	SASAN UMTTP UNIT - 3	660	WR	132	1419	52
185	RAMAGUNDAM STPS UNIT - 5	500	SR	270	2345	52
186	ROSA TPP UNIT - 3	300	NR	317	1097	51
187	MAUDA TPS UNIT - 1	500	WR	318	866	51
188	SANTALDIH TPS UNIT - 5	250	ER	262	1397	51
189	WANAKBORI TPS UNIT - 5	210	WR	412	1511	51
190	PARICHHHA TPS UNIT - 5	250	NR	293	1082	50
191	DADRI (NCTPP) UNIT - 4	210	NR	414	1203	49
192	CHANDRAPURA(DVC) TPS UNIT - 7	250	ER	204	1656	48
193	COASTAL ENERGEN UNIT - 1	600	SR	321	585	48
194	KOTHAGUEDEM TPS (NEW) UNIT - 9	250	SR	259	2250	48
195	TAMNAR TPP UNIT - 1	600	WR	220	757	47
196	KHAPARKHEDA TPS UNIT - 5	500	WR	235	1899	47
197	DHARIWAL TPP UNIT - 2	300	WR	236	802	47
198	MUNDRA TPS UNIT - 8	660	WR	196	1995	47
199	DADRI (NCTPP) UNIT - 3	210	NR	414	1231	47
200	MAUDA TPS UNIT - 2	500	WR	318	684	47
201	GURU GOBIND SINGH TPS UNIT - 2	210	NR	372	469	46
202	MUNDRA TPS UNIT - 9	660	WR	196	1918	46
203	OP JINDAL TPS UNIT - 2	250	WR	99	2073	46
204	KUDGI STPP UNIT - 1	800	SR	356	231	46
205	ROSA TPP UNIT - 1	300	NR	317	1186	46
206	INDIRA GANDHI STPP UNIT - 1	500	NR	279	1751	45
207	KODARMA TPP UNIT - 2	500	ER	282	1067	45
208	KALISINDH TPS UNIT - 1	600	NR	267	887	45
209	BALCO TPS UNIT - 3	300	WR	307	798	45
210	BAKRESWAR TPS UNIT - 5	210	ER	252	1777	44
211	KODARMA TPP UNIT - 1	500	ER	282	608	44
212	TUTICORIN (JV) TPP (NTPL) UNIT - 1	500	SR	315	833	44
213	MUNDRA TPS UNIT - 3	330	WR	174	2147	43
214	RAYALASEEMA TPS UNIT - 1	210	SR	412	2299	43
215	TROMBAY TPS UNIT - 6	500	WR	411	700	43
216	SHREE SINGAJI TPP UNIT - 1	600	WR	274	322	43
217	GURU HARGOBIND SINGH TPS UNIT - 4	250	NR	361	656	42
218	BHILAI TPS UNIT - 1	250	WR	357	2318	42
219	CHANDRAPURA(DVC) TPS UNIT - 8	250	ER	204	1601	42
220	BAKRESWAR TPS UNIT - 3	210	ER	252	1736	41
221	NIGRI TPP UNIT - 2	660	WR	65	800	40
222	INDIRA GANDHI STPP UNIT - 3	500	NR	279	1238	40
223	VIZAG TPP UNIT - 1	520	SR	276	421	40
224	RAYALASEEMA TPS UNIT - 2	210	SR	412	2303	40
225	ROSA TPP UNIT - 2	300	NR	317	1168	40
226	DB POWER TPS UNIT - 1	600	WR	226	877	39
227	ROSA TPP UNIT - 4	300	NR	317	1138	39
228	DADRI (NCTPP) UNIT - 1	210	NR	414	1059	39
229	MEJIA TPS UNIT - 3	210	ER	293	1547	39
230	VINDHYACHAL STPS UNIT - 3	210	WR	163	2324	39
231	SURATGARH TPS UNIT - 3	250	NR	330	642	39
232	KOTA TPS UNIT - 3	210	NR	300	1035	38
233	DADRI (NCTPP) UNIT - 2	210	NR	414	912	38
234	KOTHAGUEDEM TPS (NEW) UNIT - 10	250	SR	276	2337	38
235	RIHAND STPS UNIT - 1	500	NR	141	2344	38
236	TIRORA TPS UNIT - 2	660	WR	238	1320	37
237	GURU GOBIND SINGH TPS UNIT - 1	210	NR	372	412	37
238	HALDIA TPP UNIT - 1	300	ER	277	1000	37
239	GURU HARGOBIND SINGH TPS UNIT - 3	250	NR	361	799	37
240	DB POWER TPS UNIT - 2	600	WR	226	613	37

**Annexure B4 - Ranking based on Percentage of days Maximum Generation is achieved**

**A generating unit is considered to have achieved maximum generation, if generation in any time block of the day is in range of 95-105% of Installed Capacity(IC). This index is calculated using 15min SCADA data between 1st April 2011 and 31st March 2018.**

S.No	Generating Unit Name	Installed Capacity (MW)	Region	Variable cost (Ps/kWh)	Days of operation considered	Percentage of Days Maximum Generation is achieved (%)
241	VINDHYACHAL STPS UNIT - 4	210	WR	163	2289	37
242	RAICHUR TPS UNIT - 8	250	SR	391	1754	36
243	FARAKKA STPS UNIT - 5	500	ER	240	1622	36
244	Dr. N.TATA RAO TPS UNIT - 1	210	SR	329	2089	36
245	DERANG TPP UNIT - 1	600	ER	175	682	36
246	INDIRA GANDHI STPP UNIT - 2	500	NR	279	1427	36
247	VIZAG TPP UNIT - 2	520	SR	276	326	36
248	KAKATIYA TPS UNIT - 2	600	SR	277	641	36
249	PARICHHA TPS UNIT - 6	250	NR	293	1124	36
250	RAICHUR TPS UNIT - 7	210	SR	391	2051	35
251	VINDHYACHAL STPS UNIT - 2	210	WR	163	2281	35
252	RAICHUR TPS UNIT - 5	210	SR	391	2068	35
253	RAICHUR TPS UNIT - 3	210	SR	391	2010	34
254	PANIPAT TPS UNIT - 6	210	NR	389	276	34
255	VINDHYACHAL STPS UNIT - 5	210	WR	163	2249	34
256	KAMALANGA TPS UNIT - 1	350	ER	170	1032	34
257	MB POWER TPP UNIT - 2	600	WR	199.7	297	33
258	CHANDRAPUR(MAHARASHTRA) STPS UNIT - 9	500	WR	224	432	33
259	KORBA-WEST TPS UNIT - 3	210	WR	155	2261	33
260	BELLARY TPS UNIT - 2	500	SR	395	1529	32
261	MARWA TPS UNIT - 2	500	WR	160	550	32
262	KAMALANGA TPS UNIT - 2	350	ER	170	1225	32
263	KSK MAHANADI TPS UNIT - 4	600	WR	278	760	32
264	KOTA TPS UNIT - 6	195	NR	300	1155	32
265	GOINDWAL SAHIB TPP UNIT - 1	270	NR	294	250	31
266	RAICHUR TPS UNIT - 6	210	SR	391	2189	31
267	NORTH CHENNAI TPS UNIT - 5	600	SR	304	1073	31
268	NIGRI TPP UNIT - 1	660	WR	65	952	30
269	DERANG TPP UNIT - 2	600	ER	175	813	30
270	SAGARDIGHI TPS UNIT - 2	300	ER	343	1072	30
271	JSW RATNAGIRI TPP UNIT - 1	300	WR	270	1968	30
272	COASTAL ENERGEN UNIT - 2	600	SR	321	396	30
273	RAMAGUNDAM STPS UNIT - 3	200	SR	270	2366	30
274	MUNDRA TPS UNIT - 5	660	WR	135	1810	29
275	OBRA TPS UNIT - 9	200	NR	177	1222	29
276	KORBA-EAST EXT TPS UNIT - 2	250	WR	133	2299	28
277	BARH II UNIT - 4	660	ER	234	1154	28
278	GURU HARGOBIND SINGH TPS UNIT - 2	210	NR	361	525	28
279	ANPARA TPS UNIT - 4	500	NR	141	1216	28
280	KHAPARKHEDA TPS UNIT - 4	210	WR	273	2126	28
281	VALLUR TPP UNIT - 1	500	SR	320	1487	28
282	KALISINDH TPS UNIT - 2	600	NR	267	568	27
283	MEJIA TPS UNIT - 2	210	ER	293	1497	27
284	AMARAVATI TPS UNIT - 2	270	WR	303	579	27
285	TIRORA TPS UNIT - 3	660	WR	238	1269	27
286	KOTA TPS UNIT - 7	195	NR	300	1180	27
287	NORTH CHENNAI TPS UNIT - 4	600	SR	304	1040	27
288	MEJIA TPS UNIT - 4	210	ER	293	1289	27
289	TIRORA TPS UNIT - 5	660	WR	238	917	27
290	TALWANDI SABO TPP UNIT - 3	660	NR	285	635	27
291	MB POWER TPP UNIT - 1	600	WR	199.7	815	27
292	HALDIA TPP UNIT - 2	300	ER	277	952	27
293	FARAKKA STPS UNIT - 2	200	ER	240	1782	27
294	MAUDA TPS UNIT - 4	660	WR	312	49	27
295	TIRORA TPS UNIT - 4	660	WR	238	997	26
296	RAICHUR TPS UNIT - 4	210	SR	391	2172	26
297	KAHALGAON TPS UNIT - 5	500	ER	252	2320	26
298	KSK MAHANADI TPS UNIT - 3	600	WR	278	1190	26
299	AMARAVATI TPS UNIT - 5	270	WR	303	292	26
300	LANCO AMARKANTAK TPS UNIT - 1	300	WR	246	2364	24

**Annexure B4 - Ranking based on Percentage of days Maximum Generation is achieved**

**A generating unit is considered to have achieved maximum generation, if generation in any time block of the day is in range of 95-105% of Installed Capacity(IC). This index is calculated using 15min SCADA data between 1st April 2011 and 31st March 2018.**

S.No	Generating Unit Name	Installed Capacity (MW)	Region	Variable cost (Ps/kWh)	Days of operation considered	Percentage of Days Maximum Generation is achieved (%)
301	MEJIA TPS UNIT - 1	210	ER	293	1322	24
302	MUNDRA TPS UNIT - 7	660	WR	196	1946	24
303	CHANDRAPUR(MAHARASHTRA) STPS UNIT - 8	500	WR	224	481	24
304	BINA TPS UNIT - 1	250	WR	318	421	23
305	KAHALGAON TPS UNIT - 7	500	ER	252	2241	23
306	FARAKKA STPS UNIT - 1	200	ER	240	1790	23
307	KHAPARKHEDA TPS UNIT - 3	210	WR	273	2055	23
308	VINDHYACHAL STPS UNIT - 1	210	WR	163	2376	22
309	PANIPAT TPS UNIT - 8	250	NR	368	708	22
310	MUNDRA TPS UNIT - 2	330	WR	174	1760	22
311	MAHATMA GANDHI TPS UNIT - 1	660	NR	357	908	21
312	VINDHYACHAL STPS UNIT - 6	210	WR	163	2364	21
313	CHANDRAPUR(MAHARASHTRA) STPS UNIT - 4	210	WR	231	2100	21
314	BONGAIGAON TPP UNIT - 2	250	NER	297	139	21
315	SIKKA REP TPS UNIT - 3	250	WR	378	53	21
316	GURU GOBIND SINGH TPS UNIT - 5	210	NR	372	558	20
317	KAWAI TPS UNIT - 2	660	NR	260	892	20
318	AMARAVATI TPS UNIT - 3	270	WR	303	444	20
319	BARH II UNIT - 5	660	ER	234	726	20
320	TRN ENERGY TPP UNIT - 1	300	WR	235	364	20
321	KORBA-WEST TPS UNIT - 4	210	WR	155	2190	20
322	YAMUNA NAGAR TPS UNIT - 2	300	NR	363	1093	20
323	PARAS TPS UNIT - 3	250	WR	224	2062	20
324	TIRORA TPS UNIT - 1	660	WR	238	1290	20
325	BELLARY TPS UNIT - 1	500	SR	395	1654	19
326	BALCO TPS UNIT - 1	300	WR	307	673	19
327	AMARAVATI TPS UNIT - 1	270	WR	303	578	19
328	JSW RATNAGIRI TPP UNIT - 2	300	WR	270	1673	18
329	PRAYAGRAJ TPP UNIT - 1	660	NR	249	442	18
330	BONGAIGAON TPP UNIT - 1	250	NER	297	583	17
331	KORADI TPS UNIT - 10	660	WR	217	321	17
332	LANCO AMARKANTAK TPS UNIT - 2	300	WR	252	1403	17
333	KORBA STPS UNIT - 2	200	WR	133	2389	17
334	KORBA STPS UNIT - 7	500	WR	130	2345	17
335	NASIK TPS UNIT - 3	210	WR	327	2112	17
336	KAHALGAON TPS UNIT - 6	500	ER	252	2272	17
337	PARAS TPS UNIT - 4	250	WR	224	2317	15
338	AMARAVATI TPS UNIT - 4	270	WR	303	478	15
339	BANDEL TPS UNIT - 5	215	ER	398	1416	15
340	TALWANDI SABO TPP UNIT - 2	660	NR	285	835	15
341	PANIPAT TPS UNIT - 7	250	NR	368	586	15
342	KHAPARKHEDA TPS UNIT - 1	210	WR	273	2106	14
343	KORBA STPS UNIT - 3	200	WR	133	2344	14
344	BUDGE BUDGE TPS UNIT - 3	250	ER	266	1807	13
345	SOLAPUR TPP UNIT - 1	660	WR	352	86	13
346	NASIK TPS UNIT - 4	210	WR	327	2195	13
347	BINA TPS UNIT - 2	250	WR	318	244	13
348	RAGHUNATHPUR TPP UNIT - 2	600	ER	286	175	13
349	JSW RATNAGIRI TPP UNIT - 3	300	WR	270	2047	12
350	BALCO TPS UNIT - 2	300	WR	307	493	12
351	KORADI TPS UNIT - 9	660	WR	217	436	12
352	MUNDRA TPS UNIT - 1	330	WR	174	1777	11
353	KAWAI TPS UNIT - 1	660	NR	260	994	11
354	ESSAR VADINAR(EPGL) UNIT - 1	600	WR	302	515	11
355	OBRA TPS UNIT - 10	200	NR	177	526	11
356	JSW RATNAGIRI TPP UNIT - 4	300	WR	270	2024	10
357	RAICHUR TPS UNIT - 2	210	SR	391	1848	10
358	TALWANDI SABO TPP UNIT - 1	660	NR	285	408	10
359	ESSAR VADINAR(EPGL) UNIT - 2	600	WR	302	410	10
360	NEYVELI TPS(Z) UNIT - 1	250	SR	237	567	9

**Annexure B4 - Ranking based on Percentage of days Maximum Generation is achieved**

**A generating unit is considered to have achieved maximum generation, if generation in any time block of the day is in range of 95-105% of Installed Capacity(IC). This index is calculated using 15min SCADA data between 1st April 2011 and 31st March 2018.**

S.No	Generating Unit Name	Installed Capacity (MW)	Region	Variable cost (Ps/kWh)	Days of operation considered	Percentage of Days Maximum Generation is achieved (%)
361	SANJAY GANDHI TPS UNIT - 4	210	WR	221	2032	9
362	RAGHUNATHPUR TPP UNIT - 1	600	ER	286	298	9
363	TENUGHAT TPS UNIT - 1	210	ER	193	1439	8
364	BOKARO 'B' TPS UNIT - 3	210	ER	211	1109	7
365	CHANDRAPUR(MAHARASHTRA) STPS UNIT - 5	500	WR	231	2091	7
366	MARWA TPS UNIT - 1	500	WR	160	333	7
367	GMR WARORA TPS UNIT - 1	300	WR	248	1414	7
368	PARICHHA TPS UNIT - 4	210	NR	311	1163	7
369	PARLI TPS UNIT - 4	210	WR	224	849	7
370	NASIK TPS UNIT - 5	210	WR	327	2074	6
371	RAICHUR TPS UNIT - 1	210	SR	391	1882	6
372	YAMUNA NAGAR TPS UNIT - 1	300	NR	363	1090	6
373	BHAVNAGAR CFBC TPP UNIT - 1	250	WR	263	126	6
374	CHANDRAPUR(MAHARASHTRA) STPS UNIT - 6	500	WR	231	2094	6
375	SHREE SINGAJI TPP UNIT - 2	600	WR	274	300	6
376	SANJAY GANDHI TPS UNIT - 2	210	WR	221	1945	6
377	DAMODARAM SANJEEVAIAH TPS UNIT - 2	800	SR	285	633	6
378	SANJAY GANDHI TPS UNIT - 3	210	WR	221	1759	6
379	GMR WARORA TPS UNIT - 2	300	WR	248	1277	5
380	SATPURA TPS UNIT - 6	200	WR	253	1574	5
381	KAHALGAON TPS UNIT - 4	210	ER	252	2350	4
382	MEJIA TPS UNIT - 6	250	ER	293	1657	4
383	KAHALGAON TPS UNIT - 1	210	ER	241	2369	4
384	PARICHHA TPS UNIT - 3	210	NR	311	1132	4
385	ANPARA TPS UNIT - 2	210	NR	159	1220	3
386	PARLI TPS UNIT - 6	250	WR	350	412	3
387	SAGARDIGHI TPS UNIT - 4	500	ER	343	149	3
388	CHANDRAPUR(MAHARASHTRA) STPS UNIT - 7	500	WR	231	2150	3
389	ANPARA TPS UNIT - 3	210	NR	159	1214	3
390	TENUGHAT TPS UNIT - 2	210	ER	193	1443	3
391	ANPARA TPS UNIT - 1	210	NR	159	1263	3
392	MAHATMA GANDHI TPS UNIT - 2	660	NR	357	887	3
393	JHABUA POWER TPP UNIT - 1	600	WR	181	231	3
394	KOTA TPS UNIT - 5	210	NR	300	1080	3
395	GMR CHATTISGARH TPP UNIT - 1	685	WR	162	172	2
396	KAHALGAON TPS UNIT - 3	210	ER	241	2376	2
397	SIKKA REP TPS UNIT - 4	250	WR	378	54	2
398	KOLAGHAT TPS UNIT - 4	210	ER	385	1893	2
399	MAHADEV PRASAD STPP UNIT - 2	270	ER	131	1185	2
400	KORADI TPS UNIT - 7	210	WR	226	1815	1
401	KHAPARKHEDA TPS UNIT - 2	210	WR	273	2170	1
402	KORADI TPS UNIT - 8	660	WR	226	588	1
403	DAMODARAM SANJEEVAIAH TPS UNIT - 1	800	SR	285	709	1
404	KOLAGHAT TPS UNIT - 2	210	ER	385	1985	1
405	MUNDRA UMTTP UNIT - 3	830	WR	197	1692	1
406	KAMALANGA TPS UNIT - 3	350	ER	170	1292	1
407	SAGARDIGHI TPS UNIT - 3	500	ER	343	402	1
408	SATPURA TPS UNIT - 8	210	WR	253	1625	1
409	PARLI TPS UNIT - 7	250	WR	350	324	1
410	MEJIA TPS UNIT - 5	250	ER	293	1309	1
411	MUNDRA UMTTP UNIT - 1	830	WR	197	1710	1
412	KOLAGHAT TPS UNIT - 1	210	ER	385	1903	1
413	BHUSAWAL TPS UNIT - 3	210	WR	307	1735	1
414	CHANDRAPUR(MAHARASHTRA) STPS UNIT - 3	210	WR	231	1735	1
415	KORADI TPS UNIT - 6	210	WR	217	1234	1
416	SANJAY GANDHI TPS UNIT - 1	210	WR	221	1863	0
417	KAHALGAON TPS UNIT - 2	210	ER	241	2396	0
418	KOLAGHAT TPS UNIT - 5	210	ER	385	2104	0
419	MUNDRA UMTTP UNIT - 5	830	WR	197	1490	0
420	SATPURA TPS UNIT - 7	210	WR	253	1517	0



**Annexure B4 - Ranking based on Percentage of days Maximum Generation is achieved**

A generating unit is considered to have achieved maximum generation, if generation in any time block of the day is in range of 95-105% of Installed Capacity(IC). This index is calculated using 15min SCADA data between 1st April 2011 and 31st March 2018.

S.No	Generating Unit Name	Installed Capacity (MW)	Region	Variable cost (Ps/kWh)	Days of operation considered	Percentage of Days Maximum Generation is achieved (%)
421	SATPURA TPS UNIT - 9	210	WR	253	1276	0
422	MUNDRA UMTTP UNIT - 2	830	WR	197	1799	0
423	MAHAN TPP UNIT - 1	600	WR	380	539	0
424	DURGAPUR TPS UNIT - 4	210	ER	371	1189	0
425	MUNDRA UMTTP UNIT - 4	830	WR	197	1571	0
426	KOLAGHAT TPS UNIT - 6	210	ER	385	1961	0
427	D.P.L. TPS UNIT - 8	250	ER	272	1096	0
428	SAGARDIGHI TPS UNIT - 1	300	ER	343	1186	0
429	MAHADEV PRASAD STPP UNIT - 1	270	ER	131	1352	0
430	OBRA TPS UNIT - 11	200	NR	177	445	0
431	GMR CHATTISGARH TPP UNIT - 2	685	WR	162	133	0
432	KOLAGHAT TPS UNIT - 3	210	ER	385	1765	0
433	PARLI TPS UNIT - 5	210	WR	224	1056	0
434	RKM POWER UNIT - 1	360	WR	193	231	0
435	OBRA TPS UNIT - 13	200	NR	177	1031	0
436	D.P.L. TPS UNIT - 7	300	ER	272	471	0
437	OBRA TPS UNIT - 12	200	NR	177	685	0
438	MAUDA TPS UNIT - 3	660	WR	312	85	0

**Annexure B5 - Ranking based on Percentage of days Minimum Generation is achieved**

A generating unit is considered to have achieved minimum generation, if generation in any time block of the day is in range of 30-70% of Installed Capacity(IC). This index is calculated using 15min SCADA data between 1st April 2011 and 31st March 2018. Generation less than 30% of IC in a block is not considered for the analysis.

S.No	Generating Unit Name	Installed Capacity (MW)	Region	Variable cost (Ps/kWh)	Days of operation considered	Percentage of Days Minimum Generation is achieved (%)
1	MAUDA TPS UNIT - 3	660	WR	312	85	98
2	BINA TPS UNIT - 1	250	WR	318	421	95
3	INDIRA GANDHI STPP UNIT - 3	500	NR	279	1238	93
4	SOLAPUR TPP UNIT - 1	660	WR	352	86	92
5	BINA TPS UNIT - 2	250	WR	318	244	91
6	FARAKKA STPS UNIT - 2	200	ER	240	1782	91
7	KOLAGHAT TPS UNIT - 2	210	ER	385	1985	90
8	OBRA TPS UNIT - 13	200	NR	177	1031	90
9	FARAKKA STPS UNIT - 1	200	ER	240	1790	90
10	KOLAGHAT TPS UNIT - 3	210	ER	385	1765	89
11	FARAKKA STPS UNIT - 3	200	ER	240	1817	89
12	TALWANDI SABO TPP UNIT - 1	660	NR	285	408	88
13	TALWANDI SABO TPP UNIT - 3	660	NR	285	635	88
14	KOLAGHAT TPS UNIT - 1	210	ER	385	1903	88
15	MAHAN TPP UNIT - 1	600	WR	380	539	88
16	INDIRA GANDHI STPP UNIT - 2	500	NR	279	1427	87
17	KAHALGAON TPS UNIT - 5	500	ER	252	2320	87
18	SHREE SINGAJI TPP UNIT - 2	600	WR	274	300	87
19	OBRA TPS UNIT - 12	200	NR	177	685	87
20	TALWANDI SABO TPP UNIT - 2	660	NR	285	835	87
21	KORADI TPS UNIT - 8	660	WR	226	588	87
22	KAHALGAON TPS UNIT - 7	500	ER	252	2241	86
23	ESSAR VADINAR(EPGL) UNIT - 1	600	WR	302	515	86
24	JHABUA POWER TPP UNIT - 1	600	WR	181	231	86
25	KAHALGAON TPS UNIT - 6	500	ER	252	2272	86
26	BHUSAWAL TPS UNIT - 4	500	WR	274	585	86
27	BHUSAWAL TPS UNIT - 5	500	WR	274	589	85
28	PARLI TPS UNIT - 5	210	WR	224	1056	85
29	DADRI (NCTPP) UNIT - 4	210	NR	414	1203	85
30	KAHALGAON TPS UNIT - 1	210	ER	241	2369	85
31	BONGAIGAON TPP UNIT - 1	250	NER	297	583	84
32	INDIRA GANDHI STPP UNIT - 1	500	NR	279	1751	84
33	BONGAIGAON TPP UNIT - 2	250	NER	297	139	84
34	FARAKKA STPS UNIT - 4	500	ER	240	1693	84
35	GMR CHATTISGARH TPP UNIT - 1	685	WR	162	172	84
36	DADRI (NCTPP) UNIT - 3	210	NR	414	1231	84
37	SAGARDIGHI TPS UNIT - 3	500	ER	343	402	84
38	MAHATMA GANDHI TPS UNIT - 1	660	NR	357	908	83
39	DADRI (NCTPP) UNIT - 1	210	NR	414	1059	83
40	ESSAR VADINAR(EPGL) UNIT - 2	600	WR	302	410	83
41	VIZAG TPP UNIT - 2	520	SR	276	326	83
42	MAHATMA GANDHI TPS UNIT - 2	660	NR	357	887	83
43	RAJIV GANDHI TPS UNIT - 2	600	NR	369	811	83
44	DADRI (NCTPP) UNIT - 2	210	NR	414	912	83
45	MAUDA TPS UNIT - 1	500	WR	318	866	83
46	RAJIV GANDHI TPS UNIT - 1	600	NR	369	853	82
47	SATPURA TPS UNIT - 9	210	WR	253	1276	82
48	VIZAG TPP UNIT - 1	520	SR	276	421	82
49	MAUDA TPS UNIT - 2	500	WR	318	684	82
50	KUDGI STPP UNIT - 1	800	SR	356	231	82
51	SAGARDIGHI TPS UNIT - 4	500	ER	343	149	81
52	KAHALGAON TPS UNIT - 2	210	ER	241	2396	81
53	AMARAVATI TPS UNIT - 3	270	WR	303	444	81
54	SHREE SINGAJI TPP UNIT - 1	600	WR	274	322	81
55	BANDEL TPS UNIT - 5	215	ER	398	1416	81
56	KAHALGAON TPS UNIT - 3	210	ER	241	2376	81
57	RKM POWER UNIT - 1	360	WR	193	231	81
58	LALITPUR TPS UNIT - 3	660	NR	285	302	80
59	LALITPUR TPS UNIT - 1	660	NR	285	406	80
60	KORADI TPS UNIT - 9	660	WR	217	436	80

**Annexure B5 - Ranking based on Percentage of days Minimum Generation is achieved**

A generating unit is considered to have achieved minimum generation, if generation in any time block of the day is in range of 30-70% of Installed Capacity(IC). This index is calculated using 15min SCADA data between 1st April 2011 and 31st March 2018. Generation less than 30% of IC in a block is not considered for the analysis.

S.No	Generating Unit Name	Installed Capacity (MW)	Region	Variable cost (Ps/kWh)	Days of operation considered	Percentage of Days Minimum Generation is achieved (%)
61	AMARAVATI TPS UNIT - 1	270	WR	303	578	80
62	AMARAVATI TPS UNIT - 5	270	WR	303	292	80
63	DERANG TPP UNIT - 1	600	ER	175	682	80
64	MAUDA TPS UNIT - 4	660	WR	312	49	80
65	KAMALANGA TPS UNIT - 3	350	ER	170	1292	79
66	RAGHUNATHPUR TPP UNIT - 2	600	ER	286	175	79
67	KAHALGAON TPS UNIT - 4	210	ER	252	2350	79
68	AMARAVATI TPS UNIT - 2	270	WR	303	579	79
69	KORADI TPS UNIT - 10	660	WR	217	321	79
70	BALCO TPS UNIT - 2	300	WR	307	493	79
71	AMARAVATI TPS UNIT - 4	270	WR	303	478	78
72	PARLI TPS UNIT - 4	210	WR	224	849	78
73	KOLAGHAT TPS UNIT - 4	210	ER	385	1893	78
74	DB POWER TPS UNIT - 1	600	WR	226	877	78
75	KHAPARKHEDA TPS UNIT - 2	210	WR	273	2170	77
76	MB POWER TPP UNIT - 2	600	WR	199.7	297	77
77	GMR WARORA TPS UNIT - 2	300	WR	248	1277	77
78	FARAKKA STPS UNIT - 5	500	ER	240	1622	77
79	DB POWER TPS UNIT - 2	600	WR	226	613	76
80	KORADI TPS UNIT - 6	210	WR	217	1234	76
81	CHANDRAPUR(MAHARASHTRA) STPS UNIT - 7	500	WR	231	2150	76
82	DERANG TPP UNIT - 2	600	ER	175	813	76
83	MUNDRA TPS UNIT - 1	330	WR	174	1777	76
84	GMR WARORA TPS UNIT - 1	300	WR	248	1414	76
85	MAHADEV PRASAD STPP UNIT - 2	270	ER	131	1185	76
86	SIMHADRI STPS UNIT - 4	500	SR	317	1060	76
87	TIRORA TPS UNIT - 4	660	WR	238	997	76
88	LALITPUR TPS UNIT - 2	660	NR	285	348	76
89	KORADI TPS UNIT - 7	210	WR	226	1815	75
90	DADRI (NCTPP) UNIT - 5	490	NR	384	2255	75
91	TIRORA TPS UNIT - 1	660	WR	238	1290	75
92	GOINDWAL SAHIB TPP UNIT - 1	270	NR	294	250	75
93	DADRI (NCTPP) UNIT - 6	490	NR	384	2237	75
94	RAJPURA TPP UNIT - 2	700	NR	226	1191	74
95	BALCO TPS UNIT - 1	300	WR	307	673	74
96	BARH II UNIT - 4	660	ER	234	1154	74
97	KHAPARKHEDA TPS UNIT - 1	210	WR	273	2106	74
98	TIRORA TPS UNIT - 5	660	WR	238	917	74
99	ANPARA TPS UNIT - 2	210	NR	159	1220	74
100	MUNDRA TPS UNIT - 2	330	WR	174	1760	74
101	BUTIBORI TPP UNIT - 1	300	WR	245	469	73
102	NIGRI TPP UNIT - 1	660	WR	65	952	73
103	CHANDRAPUR(MAHARASHTRA) STPS UNIT - 9	500	WR	224	432	73
104	SANJAY GANDHI TPS UNIT - 2	210	WR	221	1945	72
105	D.P.L. TPS UNIT - 8	250	ER	272	1096	72
106	NIGRI TPP UNIT - 2	660	WR	65	800	72
107	JSW RATNAGIRI TPP UNIT - 4	300	WR	270	2024	71
108	RAJPURA TPP UNIT - 1	700	NR	226	1064	71
109	TROMBAY TPS UNIT - 5	500	WR	411	2384	71
110	UNCHAHAR TPS UNIT - 3	210	NR	358	2400	70
111	CHANDRAPUR(MAHARASHTRA) STPS UNIT - 8	500	WR	224	481	70
112	UNCHAHAR TPS UNIT - 5	210	NR	358	2467	70
113	BOKARO 'B' TPS UNIT - 3	210	ER	211	1109	70
114	DAMODARAM SANJEEVAIAH TPS UNIT - 1	800	SR	285	709	70
115	MUNDRA TPS UNIT - 8	660	WR	196	1995	70
116	ROSA TPP UNIT - 1	300	NR	317	1186	69
117	UNCHAHAR TPS UNIT - 4	210	NR	358	2430	69
118	SATPURA TPS UNIT - 7	210	WR	253	1517	69
119	KOTHAGUDEM TPS (NEW) UNIT - 11	500	SR	259	1395	69
120	VALLUR TPP UNIT - 2	500	SR	320	946	69

**Annexure B5 - Ranking based on Percentage of days Minimum Generation is achieved**

A generating unit is considered to have achieved minimum generation, if generation in any time block of the day is in range of 30-70% of Installed Capacity(IC). This index is calculated using 15min SCADA data between 1st April 2011 and 31st March 2018. Generation less than 30% of IC in a block is not considered for the analysis.

S.No	Generating Unit Name	Installed Capacity (MW)	Region	Variable cost (Ps/kWh)	Days of operation considered	Percentage of Days Minimum Generation is achieved (%)
121	PARICHHA TPS UNIT - 4	210	NR	311	1163	68
122	MAITHON RB TPP UNIT - 2	525	ER	279	1693	68
123	COASTAL ENERGEN UNIT - 1	600	SR	321	585	68
124	BARH II UNIT - 5	660	ER	234	726	68
125	ROSA TPP UNIT - 4	300	NR	317	1138	68
126	ROSA TPP UNIT - 3	300	NR	317	1097	68
127	HALDIA TPP UNIT - 2	300	ER	277	952	68
128	ROSA TPP UNIT - 2	300	NR	317	1168	67
129	HALDIA TPP UNIT - 1	300	ER	277	1000	67
130	VALLUR TPP UNIT - 1	500	SR	320	1487	67
131	SATPURA TPS UNIT - 10	250	WR	209	757	67
132	ANPARA TPS UNIT - 1	210	NR	159	1263	67
133	MEENAKSHI ENERGY LIMITED UNIT - 2	150	SR	239	601	67
134	TRN ENERGY TPP UNIT - 1	300	WR	235	364	67
135	IL&FS TAMIL NADU PCL UNIT - 1	600	SR	293	674	66
136	CHANDRAPUR(MAHARASHTRA) STPS UNIT - 5	500	WR	231	2091	66
137	MUNDRA TPS UNIT - 7	660	WR	196	1946	66
138	SATPURA TPS UNIT - 11	250	WR	209	655	65
139	NEYVELI TPS(Z) UNIT - 1	250	SR	237	567	65
140	DAMODARAM SANJEEVAIAH TPS UNIT - 2	800	SR	285	633	64
141	KAMALANGA TPS UNIT - 1	350	ER	170	1032	64
142	D.P.L. TPS UNIT - 7	300	ER	272	471	64
143	GMR CHATTISGARH TPP UNIT - 2	685	WR	162	133	64
144	DHARIWAL TPP UNIT - 2	300	WR	236	802	64
145	MUNDRA TPS UNIT - 3	330	WR	174	2147	63
146	SANJAY GANDHI TPS UNIT - 1	210	WR	221	1863	63
147	BHUSAWAL TPS UNIT - 3	210	WR	307	1735	63
148	CHANDRAPUR(MAHARASHTRA) STPS UNIT - 3	210	WR	231	1735	63
149	LANCO AMARKANTAK TPS UNIT - 2	300	WR	252	1403	63
150	VALLUR TPP UNIT - 3	500	SR	320	606	63
151	KAMALANGA TPS UNIT - 2	350	ER	170	1225	63
152	MUNDRA TPS UNIT - 4	330	WR	174	2132	63
153	MUNDRA TPS UNIT - 9	660	WR	196	1918	62
154	KSK MAHANADI TPS UNIT - 3	600	WR	278	1190	62
155	MARWA TPS UNIT - 1	500	WR	160	333	62
156	SAGARDIGHI TPS UNIT - 1	300	ER	343	1186	61
157	PRAYAGRAJ TPP UNIT - 1	660	NR	249	442	61
158	MB POWER TPP UNIT - 1	600	WR	199.7	815	61
159	KAWAI TPS UNIT - 2	660	NR	260	892	60
160	CHANDRAPUR(MAHARASHTRA) STPS UNIT - 6	500	WR	231	2094	60
161	RAYALASEEMA TPS UNIT - 4	210	SR	412	2382	60
162	TIRORA TPS UNIT - 2	660	WR	238	1320	60
163	METTUR TPS UNIT - 5	600	SR	362	880	60
164	MUNDRA UMTTP UNIT - 4	830	WR	197	1571	59
165	BHAVNAGAR CFBC TPP UNIT - 1	250	WR	263	126	59
166	MUNDRA UMTTP UNIT - 3	830	WR	197	1692	58
167	UNCHAHAR TPS UNIT - 1	210	NR	358	2395	58
168	PARICHHA TPS UNIT - 3	210	NR	311	1132	58
169	TIRORA TPS UNIT - 3	660	WR	238	1269	58
170	MUNDRA UMTTP UNIT - 1	830	WR	197	1710	58
171	Dr. N.TATA RAO TPS UNIT - 7	500	SR	314	2315	57
172	OBRA TPS UNIT - 11	200	NR	177	445	57
173	MUNDRA TPS UNIT - 5	660	WR	135	1810	57
174	PARAS TPS UNIT - 4	250	WR	224	2317	57
175	IL&FS TAMIL NADU PCL UNIT - 2	600	SR	293	418	57
176	MUNDRA UMTTP UNIT - 5	830	WR	197	1490	56
177	COASTAL ENERGEN UNIT - 2	600	SR	321	396	56
178	TUTICORIN (JV) TPP (NTP) UNIT - 2	500	SR	315	809	56
179	RAGHUNATHPUR TPP UNIT - 1	600	ER	286	298	55
180	MUNDRA UMTTP UNIT - 2	830	WR	197	1799	55

**Annexure B5 - Ranking based on Percentage of days Minimum Generation is achieved**

A generating unit is considered to have achieved minimum generation, if generation in any time block of the day is in range of 30-70% of Installed Capacity(IC). This index is calculated using 15min SCADA data between 1st April 2011 and 31st March 2018. Generation less than 30% of IC in a block is not considered for the analysis.

S.No	Generating Unit Name	Installed Capacity (MW)	Region	Variable cost (Ps/kWh)	Days of operation considered	Percentage of Days Minimum Generation is achieved (%)
181	ANPARA TPS UNIT - 3	210	NR	159	1214	55
182	VINDHYACHAL STPS UNIT - 13	500	WR	156	831	54
183	SANJAY GANDHI TPS UNIT - 4	210	WR	221	2032	54
184	SANJAY GANDHI TPS UNIT - 3	210	WR	221	1759	54
185	KSK MAHANADI TPS UNIT - 4	600	WR	278	760	54
186	RAYALASEEMA TPS UNIT - 5	210	SR	412	961	54
187	UNCHAHAR TPS UNIT - 2	210	NR	358	2384	54
188	BELLARY TPS UNIT - 2	500	SR	395	1529	54
189	KALISINDH TPS UNIT - 2	600	NR	267	568	54
190	RIHAND STPS UNIT - 5	500	NR	141	1785	53
191	LANCO AMARKANTAK TPS UNIT - 1	300	WR	246	2364	53
192	TUTICORIN (JV) TPP (NTPL) UNIT - 1	500	SR	315	833	53
193	KAWAI TPS UNIT - 1	660	NR	260	994	53
194	MARWA TPS UNIT - 2	500	WR	160	550	53
195	PARAS TPS UNIT - 3	250	WR	224	2062	53
196	UDUPI PCL UNIT - 2	600	SR	382	1579	53
197	GOINDWAL SAHIB TPP UNIT - 2	270	NR	294	116	53
198	OBRA TPS UNIT - 10	200	NR	177	526	52
199	SATPURA TPS UNIT - 8	210	WR	253	1625	52
200	TAMNAR TPP UNIT - 1	600	WR	220	757	52
201	SIMHADRI STPS UNIT - 3	500	SR	317	2151	52
202	ANPARA C TPS UNIT - 2	600	NR	206	1168	52
203	BUTIBORI TPP UNIT - 2	300	WR	245	665	52
204	SEMBCORP ENERGY INDIA Ltd P- 2 UNIT - 1	660	SR	221	442	51
205	RIHAND STPS UNIT - 1	500	NR	141	2344	51
206	DURGAPUR TPS UNIT - 4	210	ER	371	1189	51
207	KODARMA TPP UNIT - 1	500	ER	282	608	51
208	VINDHYACHAL STPS UNIT - 11	500	WR	154	1379	50
209	RAYALASEEMA TPS UNIT - 3	210	SR	412	2400	50
210	RAYALASEEMA TPS UNIT - 1	210	SR	412	2299	50
211	PARICHHA TPS UNIT - 5	250	NR	293	1082	50
212	PARLI TPS UNIT - 6	250	WR	350	412	50
213	TAMNAR TPP UNIT - 2	600	WR	220	981	49
214	MAITHON RB TPP UNIT - 1	525	ER	279	1212	49
215	PARICHHA TPS UNIT - 6	250	NR	293	1124	49
216	UDUPI PCL UNIT - 1	600	SR	382	2012	49
217	RIHAND STPS UNIT - 2	500	NR	141	2348	48
218	RAYALASEEMA TPS UNIT - 2	210	SR	412	2303	48
219	BELLARY TPS UNIT - 1	500	SR	395	1654	48
220	BALCO TPS UNIT - 3	300	WR	307	798	48
221	MAHADEV PRASAD STPP UNIT - 1	270	ER	131	1352	47
222	ANPARA C TPS UNIT - 1	600	NR	206	1192	47
223	VINDHYACHAL STPS UNIT - 12	500	WR	154	1360	47
224	KHAPARKHEDA TPS UNIT - 4	210	WR	273	2126	46
225	VINDHYACHAL STPS UNIT - 6	210	WR	163	2364	45
226	JSW RATNAGIRI TPP UNIT - 2	300	WR	270	1673	45
227	JSW RATNAGIRI TPP UNIT - 1	300	WR	270	1968	45
228	SIMHADRI STPS UNIT - 1	500	SR	320	2387	44
229	JSW RATNAGIRI TPP UNIT - 3	300	WR	270	2047	44
230	KALISINDH TPS UNIT - 1	600	NR	267	887	44
231	KAKATIYA TPS UNIT - 1	500	SR	282	2248	44
232	MEJIA TPS UNIT - 1	210	ER	293	1322	44
233	SEMBCORP ENERGY INDIA Ltd P- 2 UNIT - 2	660	SR	221	356	44
234	ANPARA D TPS UNIT - 1	500	NR	126	567	44
235	MUNDRA TPS UNIT - 6	660	WR	135	1441	44
236	BALCO TPS UNIT - 4	300	WR	307	689	43
237	SIMHADRI STPS UNIT - 2	500	SR	320	2355	43
238	NASIK TPS UNIT - 4	210	WR	327	2195	43
239	RIHAND STPS UNIT - 4	500	NR	141	2359	43
240	SAGARDIGHI TPS UNIT - 2	300	ER	343	1072	43

**Annexure B5 - Ranking based on Percentage of days Minimum Generation is achieved**

A generating unit is considered to have achieved minimum generation, if generation in any time block of the day is in range of 30-70% of Installed Capacity(IC). This index is calculated using 15min SCADA data between 1st April 2011 and 31st March 2018. Generation less than 30% of IC in a block is not considered for the analysis.

S.No	Generating Unit Name	Installed Capacity (MW)	Region	Variable cost (Ps/kWh)	Days of operation considered	Percentage of Days Minimum Generation is achieved (%)
241	KAKATIYA TPS UNIT - 2	600	SR	277	641	43
242	RIHAND STPS UNIT - 3	500	NR	141	2409	42
243	BHILAI TPS UNIT - 2	250	WR	357	2439	42
244	RAMAGUNDAM STPS UNIT - 7	500	SR	266	2328	41
245	RAICHUR TPS UNIT - 8	250	SR	391	1754	41
246	VINDHYACHAL STPS UNIT - 8	500	WR	158	2334	41
247	BAKRESWAR TPS UNIT - 3	210	ER	252	1736	40
248	CHANDRAPUR(MAHARASHTRA) STPS UNIT - 4	210	WR	231	2100	40
249	RIHAND STPS UNIT - 6	500	NR	141	1290	40
250	RAICHUR TPS UNIT - 2	210	SR	391	1848	40
251	KHAPARKHEDA TPS UNIT - 3	210	WR	273	2055	40
252	SANTALDIH TPS UNIT - 5	250	ER	262	1397	39
253	SIPAT STPS UNIT - 3	660	WR	127	1891	39
254	VINDHYACHAL STPS UNIT - 1	210	WR	163	2376	39
255	NORTH CHENNAI TPS UNIT - 5	600	SR	304	1073	39
256	SIPAT STPS UNIT - 2	660	WR	127	1920	38
257	RAICHUR TPS UNIT - 1	210	SR	391	1882	38
258	BUDGE BUDGE TPS UNIT - 2	250	ER	266	1826	38
259	ANPARA D TPS UNIT - 2	500	NR	126	380	38
260	VINDHYACHAL STPS UNIT - 2	210	WR	163	2281	38
261	RAICHUR TPS UNIT - 7	210	SR	391	2051	38
262	NASIK TPS UNIT - 3	210	WR	327	2112	37
263	SATPURA TPS UNIT - 6	200	WR	253	1574	37
264	VINDHYACHAL STPS UNIT - 7	500	WR	158	2317	37
265	MEJIA TPS UNIT - 5	250	ER	293	1309	36
266	VINDHYACHAL STPS UNIT - 4	210	WR	163	2289	36
267	BHILAI TPS UNIT - 1	250	WR	357	2318	36
268	GURU GOBIND SINGH TPS UNIT - 5	210	NR	372	558	36
269	VINDHYACHAL STPS UNIT - 3	210	WR	163	2324	36
270	SIPAT STPS UNIT - 1	660	WR	127	2084	35
271	RAICHUR TPS UNIT - 5	210	SR	391	2068	35
272	MEJIA TPS UNIT - 3	210	ER	293	1547	35
273	SIPAT STPS UNIT - 5	500	WR	131	2377	35
274	OP JINDAL TPS UNIT - 1	250	WR	99	1754	35
275	BOKARO TPS 'A' EXP UNIT - 1	500	ER	223	329	35
276	MEENAKSHI ENERGY LIMITED UNIT - 1	150	SR	239	437	35
277	SIPAT STPS UNIT - 4	500	WR	131	2388	35
278	NORTH CHENNAI TPS UNIT - 4	600	SR	304	1040	33
279	SEMBCORP ENERGY INDIA Ltd P- 1 UNIT - 2	660	SR	221	799	33
280	KHAPARKHEDA TPS UNIT - 5	500	WR	235	1899	33
281	RAICHUR TPS UNIT - 6	210	SR	391	2189	33
282	VINDHYACHAL STPS UNIT - 5	210	WR	163	2249	33
283	SEMBCORP ENERGY INDIA Ltd P- 1 UNIT - 1	660	SR	221	939	32
284	OP JINDAL TPS UNIT - 2	250	WR	99	2073	32
285	VINDHYACHAL STPS UNIT - 9	500	WR	156	2366	32
286	NASIK TPS UNIT - 5	210	WR	327	2074	32
287	OP JINDAL TPS UNIT - 3	250	WR	99	1841	32
288	VINDHYACHAL STPS UNIT - 10	500	WR	156	2343	31
289	ANPARA TPS UNIT - 4	500	NR	141	1216	31
290	PARLI TPS UNIT - 7	250	WR	350	324	31
291	BAKRESWAR TPS UNIT - 5	210	ER	252	1777	31
292	DURGAPUR STEEL TPS UNIT - 2	500	ER	250	1097	31
293	BAKRESWAR TPS UNIT - 4	210	ER	252	1681	31
294	MEJIA TPS UNIT - 2	210	ER	293	1497	31
295	MEJIA TPS UNIT - 4	210	ER	293	1289	30
296	BUDGE BUDGE TPS UNIT - 1	250	ER	266	1719	30
297	RAMAGUNDAM STPS UNIT - 5	500	SR	270	2345	29
298	GURU HARGOBIND SINGH TPS UNIT - 3	250	NR	361	799	29
299	GURU HARGOBIND SINGH TPS UNIT - 4	250	NR	361	656	29
300	RAICHUR TPS UNIT - 3	210	SR	391	2010	28



**Annexure B5 - Ranking based on Percentage of days Minimum Generation is achieved**

A generating unit is considered to have achieved minimum generation, if generation in any time block of the day is in range of 30-70% of Installed Capacity(IC). This index is calculated using 15min SCADA data between 1st April 2011 and 31st March 2018. Generation less than 30% of IC in a block is not considered for the analysis.

S.No	Generating Unit Name	Installed Capacity (MW)	Region	Variable cost (Ps/kWh)	Days of operation considered	Percentage of Days Minimum Generation is achieved (%)
301	KOTA TPS UNIT - 3	210	NR	300	1035	28
302	KODARMA TPP UNIT - 2	500	ER	282	1067	28
303	SINGRAULI STPS UNIT - 5	200	NR	147	2477	27
304	SINGRAULI STPS UNIT - 7	500	NR	147	2288	27
305	RAMAGUNDAM STPS UNIT - 6	500	SR	270	2415	27
306	SINGRAULI STPS UNIT - 6	500	NR	147	2293	27
307	SANTALDIH TPS UNIT - 6	250	ER	262	1689	27
308	TROMBAY TPS UNIT - 6	500	WR	411	700	27
309	ANPARA TPS UNIT - 5	500	NR	141	1209	26
310	MEJIA TPS UNIT - 6	250	ER	293	1657	26
311	SIMHAPURI ENERGY LIMITED UNIT - 1	150	SR	239	392	26
312	KOTA TPS UNIT - 4	210	NR	300	1081	26
313	SANJAY GANDHI TPS UNIT - 5	500	WR	221	2305	26
314	KOTA TPS UNIT - 5	210	NR	300	1080	26
315	KOLAGHAT TPS UNIT - 6	210	ER	385	1961	26
316	KOLAGHAT TPS UNIT - 5	210	ER	385	2104	25
317	TALCHER STPS-II UNIT - 1	500	SR	179	2342	25
318	TALCHER STPS-II UNIT - 2	500	SR	179	2348	25
319	RAICHUR TPS UNIT - 4	210	SR	391	2172	25
320	DURGAPUR STEEL TPS UNIT - 1	500	ER	250	1561	25
321	SASAN UMTTP UNIT - 5	660	WR	132	1182	24
322	TALCHER STPS-II UNIT - 3	500	SR	179	2370	24
323	SINGRAULI STPS UNIT - 1	200	NR	147	2366	24
324	TALCHER STPS-II UNIT - 4	500	SR	179	2354	24
325	OP JINDAL TPS UNIT - 4	250	WR	99	1959	24
326	KOTHAGUDEM TPS (NEW) UNIT - 10	250	SR	276	2337	24
327	RAMAGUNDAM STPS UNIT - 4	500	SR	270	2339	24
328	SIMHAPURI ENERGY LIMITED UNIT - 4	150	SR	239	492	24
329	OBRA TPS UNIT - 9	200	NR	177	1222	23
330	KORBA STPS UNIT - 6	500	WR	133	2254	23
331	SIKKA REP TPS UNIT - 3	250	WR	378	53	23
332	Dr. N.TATA RAO TPS UNIT - 6	210	SR	329	2386	22
333	SASAN UMTTP UNIT - 4	660	WR	132	1325	22
334	WANAKBORI TPS UNIT - 1	210	WR	412	1741	22
335	TALCHER STPS UNIT - 1	500	ER	179	2269	22
336	SIMHAPURI ENERGY LIMITED UNIT - 3	150	SR	239	466	22
337	MEJIA TPS UNIT - 7	500	ER	240	1666	22
338	NORTH CHENNAI TPS UNIT - 2	210	SR	307	2202	21
339	TALCHER STPS UNIT - 2	500	ER	179	2298	21
340	SINGRAULI STPS UNIT - 4	200	NR	147	2385	21
341	KORBA STPS UNIT - 7	500	WR	130	2345	20
342	KOTHAGUDEM TPS (NEW) UNIT - 9	250	SR	259	2250	20
343	NORTH CHENNAI TPS UNIT - 1	210	SR	307	2137	20
344	SASAN UMTTP UNIT - 2	660	WR	132	1282	20
345	SASAN UMTTP UNIT - 1	660	WR	132	1266	20
346	GANDHI NAGAR TPS UNIT - 3	210	WR	422	1406	19
347	SASAN UMTTP UNIT - 6	660	WR	132	992	19
348	ACBIL TPP UNIT - 1	300	WR	94	571	19
349	KORBA STPS UNIT - 5	500	WR	133	2345	18
350	RAMAGUNDAM STPS UNIT - 3	200	SR	270	2366	18
351	SINGRAULI STPS UNIT - 2	200	NR	147	2371	17
352	SINGRAULI STPS UNIT - 3	200	NR	147	2383	17
353	SASAN UMTTP UNIT - 3	660	WR	132	1419	17
354	Dr. N.TATA RAO TPS UNIT - 4	210	SR	329	2373	17
355	Dr. N.TATA RAO TPS UNIT - 5	210	SR	329	2375	17
356	TUTICORIN TPS UNIT - 3	210	SR	313	2030	17
357	Dr. N.TATA RAO TPS UNIT - 2	210	SR	329	2255	17
358	NEYVELI TPS-II UNIT - 4	210	SR	259	2300	16
359	UKAI TPS UNIT - 3	200	WR	363	1958	15
360	BAKRESWAR TPS UNIT - 1	210	ER	252	1721	15

**Annexure B5 - Ranking based on Percentage of days Minimum Generation is achieved**

A generating unit is considered to have achieved minimum generation, if generation in any time block of the day is in range of 30-70% of Installed Capacity(IC). This index is calculated using 15min SCADA data between 1st April 2011 and 31st March 2018. Generation less than 30% of IC in a block is not considered for the analysis.

S.No	Generating Unit Name	Installed Capacity (MW)	Region	Variable cost (Ps/kWh)	Days of operation considered	Percentage of Days Minimum Generation is achieved (%)
361	NEYVELI TPS-II UNIT - 5	210	SR	259	2272	15
362	NEYVELI TPS-II UNIT - 7	210	SR	259	2269	15
363	KORBA STPS UNIT - 4	500	WR	133	2348	15
364	SIMHAPURI ENERGY LIMITED UNIT - 2	150	SR	239	358	15
365	Dr. N.TATA RAO TPS UNIT - 3	210	SR	329	2403	14
366	Dr. N.TATA RAO TPS UNIT - 1	210	SR	329	2089	14
367	UKAI TPS UNIT - 4	200	WR	363	1972	14
368	GURU HARGOBIND SINGH TPS UNIT - 2	210	NR	361	525	14
369	TROMBAY TPS UNIT - 8	250	WR	442	2077	14
370	CHHABRA TPP UNIT - 2	250	NR	227	1035	13
371	UKAI TPS UNIT - 5	210	WR	363	1988	13
372	NEYVELI TPS-II UNIT - 6	210	SR	259	2319	13
373	CHHABRA TPP UNIT - 1	250	NR	227	883	13
374	NORTH CHENNAI TPS UNIT - 3	210	SR	307	2276	13
375	NEYVELI (EXT) TPS UNIT - 1	210	SR	237	2318	12
376	GURU GOBIND SINGH TPS UNIT - 2	210	NR	372	469	12
377	GURU GOBIND SINGH TPS UNIT - 3	210	NR	372	479	12
378	KORBA-EAST EXT TPS UNIT - 1	250	WR	133	2131	12
379	RAMAGUNDAM STPS UNIT - 1	200	SR	270	2407	12
380	NEYVELI TPS-II UNIT - 1	210	SR	259	2264	12
381	NEYVELI TPS-II UNIT - 2	210	SR	259	2279	12
382	TENUGHAT TPS UNIT - 2	210	ER	193	1443	12
383	KORBA-EAST EXT TPS UNIT - 2	250	WR	133	2299	11
384	GANDHI NAGAR TPS UNIT - 4	210	WR	422	1434	11
385	KORBA-WEST TPS UNIT - 2	210	WR	155	2371	11
386	SINGARENI TPP UNIT - 1	600	SR	266	537	11
387	KORBA-WEST TPS UNIT - 3	210	WR	155	2261	11
388	KORBA STPS UNIT - 1	200	WR	133	2208	11
389	RAMAGUNDAM STPS UNIT - 2	200	SR	270	2404	10
390	NEYVELI (EXT) TPS UNIT - 2	210	SR	237	2251	10
391	MEJIA TPS UNIT - 8	500	ER	240	1339	10
392	TUTICORIN TPS UNIT - 4	210	SR	313	2271	10
393	SINGARENI TPP UNIT - 2	600	SR	266	490	10
394	KORBA-WEST EXT TPS UNIT - 1	500	WR	199	659	10
395	WANAKBORI TPS UNIT - 3	210	WR	412	1634	9
396	TUTICORIN TPS UNIT - 5	210	SR	313	2231	9
397	CHANDRAPURA(DVC) TPS UNIT - 8	250	ER	204	1601	9
398	YAMUNA NAGAR TPS UNIT - 2	300	NR	363	1093	9
399	WANAKBORI TPS UNIT - 2	210	WR	412	1649	8
400	KORBA-WEST TPS UNIT - 4	210	WR	155	2190	8
401	KOTA TPS UNIT - 6	195	NR	300	1155	8
402	UKAI TPS UNIT - 6	500	WR	363	581	8
403	TENUGHAT TPS UNIT - 1	210	ER	193	1439	8
404	TUTICORIN TPS UNIT - 1	210	SR	313	2041	8
405	GURU GOBIND SINGH TPS UNIT - 1	210	NR	372	412	7
406	BUDGE BUDGE TPS UNIT - 3	250	ER	266	1807	7
407	TUTICORIN TPS UNIT - 2	210	SR	313	2138	7
408	WANAKBORI TPS UNIT - 5	210	WR	412	1511	7
409	AMARKANTAK TPS UNIT - 1	210	WR	156	2400	6
410	NEYVELI TPS-II UNIT - 3	210	SR	259	2159	6
411	KORBA-WEST TPS UNIT - 1	210	WR	155	2409	6
412	DAHANU TPS UNIT - 2	250	WR	339	2381	6
413	SIKKA REP TPS UNIT - 4	250	WR	378	54	6
414	YAMUNA NAGAR TPS UNIT - 1	300	NR	363	1090	5
415	KORBA STPS UNIT - 2	200	WR	133	2389	5
416	KOTA TPS UNIT - 7	195	NR	300	1180	5
417	CHANDRAPURA(DVC) TPS UNIT - 7	250	ER	204	1656	5
418	SURATGARH TPS UNIT - 4	250	NR	330	709	5
419	SURATGARH TPS UNIT - 3	250	NR	330	642	4
420	PANIPAT TPS UNIT - 6	210	NR	389	276	4

**Annexure B5 - Ranking based on Percentage of days Minimum Generation is achieved**

A generating unit is considered to have achieved minimum generation, if generation in any time block of the day is in range of 30-70% of Installed Capacity(IC). This index is calculated using 15min SCADA data between 1st April 2011 and 31st March 2018. Generation less than 30% of IC in a block is not considered for the analysis.

S.No	Generating Unit Name	Installed Capacity (MW)	Region	Variable cost (Ps/kWh)	Days of operation considered	Percentage of Days Minimum Generation is achieved (%)
421	WANAKBORI TPS UNIT - 7	210	WR	402	2147	4
422	KORBA STPS UNIT - 3	200	WR	133	2344	4
423	SURATGARH TPS UNIT - 2	250	NR	330	616	4
424	SURATGARH TPS UNIT - 5	250	NR	330	571	4
425	SURATGARH TPS UNIT - 1	250	NR	330	609	3
426	GURU GOBIND SINGH TPS UNIT - 4	210	NR	372	495	3
427	GANDHI NAGAR TPS UNIT - 5	210	WR	407	2307	3
428	SURATGARH TPS UNIT - 6	250	NR	330	504	3
429	GURU GOBIND SINGH TPS UNIT - 6	210	NR	372	410	3
430	WANAKBORI TPS UNIT - 6	210	WR	412	1369	3
431	PANIPAT TPS UNIT - 8	250	NR	368	708	3
432	WANAKBORI TPS UNIT - 4	210	WR	412	1566	2
433	DAHANU TPS UNIT - 1	250	WR	339	2465	2
434	METTUR TPS UNIT - 2	210	SR	362	2282	2
435	METTUR TPS UNIT - 3	210	SR	362	2220	2
436	PANIPAT TPS UNIT - 7	250	NR	368	586	2
437	METTUR TPS UNIT - 4	210	SR	362	2134	2
438	METTUR TPS UNIT - 1	210	SR	362	2250	2

**Annexure B6 - Ranking based on Normalised Average Generation**

Average generation over the operational period is normalised with respective Installed Capacity(IC). This index is calculated using 15min SCADA data between 1st April 2011 and 31st March 2018. Generation less than 30% of IC in a block is not considered for the analysis.

S.No	Generating Unit Name	Installed Capacity (MW)	Region	Variable cost (Ps/kWh)	Days of operation considered	Normalised daily Average Generation (% of IC)
1	KORBA STPS UNIT - 3	200	WR	133	2344	99
2	KORBA STPS UNIT - 2	200	WR	133	2389	99
3	BUDGE BUDGE TPS UNIT - 3	250	ER	266	1807	99
4	NEYVELI (EXT) TPS UNIT - 2	210	SR	237	2251	97
5	KORBA STPS UNIT - 4	500	WR	133	2348	96
6	AMARKANTAK TPS UNIT - 1	210	WR	156	2400	95
7	NEYVELI TPS-II UNIT - 3	210	SR	259	2159	95
8	RAMAGUNDAM STPS UNIT - 2	200	SR	270	2404	95
9	METTUR TPS UNIT - 2	210	SR	362	2282	95
10	RAMAGUNDAM STPS UNIT - 1	200	SR	270	2407	95
11	SINGARENI TPP UNIT - 2	600	SR	266	490	95
12	METTUR TPS UNIT - 3	210	SR	362	2220	95
13	NEYVELI (EXT) TPS UNIT - 1	210	SR	237	2318	95
14	VINDHYACHAL STPS UNIT - 5	210	WR	163	2249	94
15	KORBA STPS UNIT - 5	500	WR	133	2345	94
16	RAMAGUNDAM STPS UNIT - 4	500	SR	270	2339	94
17	RAMAGUNDAM STPS UNIT - 6	500	SR	270	2415	94
18	BUDGE BUDGE TPS UNIT - 1	250	ER	266	1719	94
19	VINDHYACHAL STPS UNIT - 10	500	WR	156	2343	94
20	NEYVELI TPS-II UNIT - 2	210	SR	259	2279	93
21	NEYVELI TPS-II UNIT - 6	210	SR	259	2319	93
22	NEYVELI TPS-II UNIT - 5	210	SR	259	2272	93
23	RAMAGUNDAM STPS UNIT - 5	500	SR	270	2345	93
24	SINGRAULI STPS UNIT - 2	200	NR	147	2371	93
25	METTUR TPS UNIT - 4	210	SR	362	2134	93
26	VINDHYACHAL STPS UNIT - 9	500	WR	156	2366	93
27	NEYVELI TPS-II UNIT - 1	210	SR	259	2264	93
28	KORBA-WEST TPS UNIT - 1	210	WR	155	2409	93
29	VINDHYACHAL STPS UNIT - 3	210	WR	163	2324	92
30	NEYVELI TPS-II UNIT - 7	210	SR	259	2269	92
31	VINDHYACHAL STPS UNIT - 4	210	WR	163	2289	92
32	VINDHYACHAL STPS UNIT - 1	210	WR	163	2376	92
33	METTUR TPS UNIT - 1	210	SR	362	2250	92
34	SEMBCORP ENERGY INDIA Ltd P- 1 UNIT - 2	660	SR	221	799	92
35	SINGRAULI STPS UNIT - 6	500	NR	147	2293	92
36	NORTH CHENNAI TPS UNIT - 3	210	SR	307	2276	92
37	NEYVELI TPS-II UNIT - 4	210	SR	259	2300	92
38	VINDHYACHAL STPS UNIT - 7	500	WR	158	2317	92
39	SINGRAULI STPS UNIT - 7	500	NR	147	2288	92
40	DAHANU TPS UNIT - 2	250	WR	339	2381	92
41	DAHANU TPS UNIT - 1	250	WR	339	2465	92
42	SINGRAULI STPS UNIT - 3	200	NR	147	2383	91
43	KORBA STPS UNIT - 6	500	WR	133	2254	91
44	SEMBCORP ENERGY INDIA Ltd P- 1 UNIT - 1	660	SR	221	939	91
45	KORBA STPS UNIT - 1	200	WR	133	2208	91
46	TUTICORIN TPS UNIT - 5	210	SR	313	2231	91
47	SINGRAULI STPS UNIT - 1	200	NR	147	2366	91
48	TUTICORIN TPS UNIT - 1	210	SR	313	2041	91
49	VINDHYACHAL STPS UNIT - 2	210	WR	163	2281	91
50	SINGARENI TPP UNIT - 1	600	SR	266	537	91
51	Dr. N.TATA RAO TPS UNIT - 5	210	SR	329	2375	91
52	SURATGARH TPS UNIT - 6	250	NR	330	504	91
53	TUTICORIN TPS UNIT - 2	210	SR	313	2138	90
54	TROMBAY TPS UNIT - 8	250	WR	442	2077	90
55	RIHAND STPS UNIT - 4	500	NR	141	2359	90
56	ACBIL TPP UNIT - 1	300	WR	94	571	90
57	SASAN UMTTP UNIT - 6	660	WR	132	992	90
58	RIHAND STPS UNIT - 3	500	NR	141	2409	90
59	SINGRAULI STPS UNIT - 4	200	NR	147	2385	90
60	RAMAGUNDAM STPS UNIT - 7	500	SR	266	2328	90

**Annexure B6 - Ranking based on Normalised Average Generation**

Average generation over the operational period is normalised with respective Installed Capacity(IC). This index is calculated using 15min SCADA data between 1st April 2011 and 31st March 2018. Generation less than 30% of IC in a block is not considered for the analysis.

S.No	Generating Unit Name	Installed Capacity (MW)	Region	Variable cost (Ps/kWh)	Days of operation considered	Normalised daily Average Generation (% of IC)
61	TUTICORIN TPS UNIT - 4	210	SR	313	2271	90
62	SIMHAPURI ENERGY LIMITED UNIT - 3	150	SR	239	466	90
63	KORBA-WEST TPS UNIT - 2	210	WR	155	2371	89
64	SIPAT STPS UNIT - 5	500	WR	131	2377	89
65	KORBA-EAST EXT TPS UNIT - 1	250	WR	133	2131	89
66	SIMHAPURI ENERGY LIMITED UNIT - 2	150	SR	239	358	89
67	TALCHER STPS-II UNIT - 2	500	SR	179	2348	89
68	NORTH CHENNAI TPS UNIT - 2	210	SR	307	2202	89
69	SIPAT STPS UNIT - 4	500	WR	131	2388	89
70	SURATGARH TPS UNIT - 3	250	NR	330	642	89
71	SURATGARH TPS UNIT - 5	250	NR	330	571	89
72	NORTH CHENNAI TPS UNIT - 1	210	SR	307	2137	89
73	TALCHER STPS-II UNIT - 3	500	SR	179	2370	89
74	VINDHYACHAL STPS UNIT - 8	500	WR	158	2334	89
75	BUDGE BUDGE TPS UNIT - 2	250	ER	266	1826	89
76	SURATGARH TPS UNIT - 4	250	NR	330	709	89
77	TALCHER STPS-II UNIT - 4	500	SR	179	2354	89
78	SASAN UMTTP UNIT - 1	660	WR	132	1266	89
79	Dr. N.TATA RAO TPS UNIT - 3	210	SR	329	2403	89
80	Dr. N.TATA RAO TPS UNIT - 4	210	SR	329	2373	89
81	SINGRAULI STPS UNIT - 5	200	NR	147	2477	89
82	SIMHAPURI ENERGY LIMITED UNIT - 4	150	SR	239	492	89
83	KORBA STPS UNIT - 7	500	WR	130	2345	89
84	KORBA-WEST EXT TPS UNIT - 1	500	WR	199	659	89
85	OP JINDAL TPS UNIT - 4	250	WR	99	1959	88
86	CHHABRA TPP UNIT - 2	250	NR	227	1035	88
87	TALCHER STPS-II UNIT - 1	500	SR	179	2342	88
88	ANPARA TPS UNIT - 4	500	NR	141	1216	88
89	OP JINDAL TPS UNIT - 3	250	WR	99	1841	88
90	GANDHI NAGAR TPS UNIT - 5	210	WR	407	2307	88
91	RIHAND STPS UNIT - 6	500	NR	141	1290	88
92	TUTICORIN TPS UNIT - 3	210	SR	313	2030	88
93	BAKRESWAR TPS UNIT - 5	210	ER	252	1777	88
94	CHHABRA TPP UNIT - 1	250	NR	227	883	88
95	SASAN UMTTP UNIT - 5	660	WR	132	1182	88
96	SASAN UMTTP UNIT - 2	660	WR	132	1282	87
97	ANPARA TPS UNIT - 5	500	NR	141	1209	87
98	TALCHER STPS UNIT - 2	500	ER	179	2298	87
99	SASAN UMTTP UNIT - 3	660	WR	132	1419	87
100	SIPAT STPS UNIT - 2	660	WR	127	1920	87
101	KORBA-EAST EXT TPS UNIT - 2	250	WR	133	2299	87
102	OP JINDAL TPS UNIT - 1	250	WR	99	1754	87
103	BAKRESWAR TPS UNIT - 4	210	ER	252	1681	87
104	SASAN UMTTP UNIT - 4	660	WR	132	1325	87
105	VINDHYACHAL STPS UNIT - 12	500	WR	154	1360	87
106	WANAKBORI TPS UNIT - 5	210	WR	412	1511	87
107	SIPAT STPS UNIT - 1	660	WR	127	2084	87
108	Dr. N.TATA RAO TPS UNIT - 7	500	SR	314	2315	87
109	SURATGARH TPS UNIT - 1	250	NR	330	609	87
110	JSW RATNAGIRI TPP UNIT - 1	300	WR	270	1968	86
111	RAMAGUNDAM STPS UNIT - 3	200	SR	270	2366	86
112	SANTALDIH TPS UNIT - 6	250	ER	262	1689	86
113	GURU GOBIND SINGH TPS UNIT - 6	210	NR	372	410	86
114	RIHAND STPS UNIT - 2	500	NR	141	2348	86
115	Dr. N.TATA RAO TPS UNIT - 2	210	SR	329	2255	86
116	TALCHER STPS UNIT - 1	500	ER	179	2269	86
117	Dr. N.TATA RAO TPS UNIT - 6	210	SR	329	2386	86
118	UKAI TPS UNIT - 6	500	WR	363	581	86
119	RIHAND STPS UNIT - 5	500	NR	141	1785	86
120	SURATGARH TPS UNIT - 2	250	NR	330	616	86

**Annexure B6 - Ranking based on Normalised Average Generation**

Average generation over the operational period is normalised with respective Installed Capacity(IC). This index is calculated using 15min SCADA data between 1st April 2011 and 31st March 2018. Generation less than 30% of IC in a block is not considered for the analysis.

S.No	Generating Unit Name	Installed Capacity (MW)	Region	Variable cost (Ps/kWh)	Days of operation considered	Normalised daily Average Generation (% of IC)
121	SIPAT STPS UNIT - 3	660	WR	127	1891	86
122	KOTHAGUDEM TPS (NEW) UNIT - 9	250	SR	259	2250	86
123	BAKRESWAR TPS UNIT - 1	210	ER	252	1721	86
124	WANAKBORI TPS UNIT - 6	210	WR	412	1369	86
125	KORBA-WEST TPS UNIT - 3	210	WR	155	2261	86
126	VINDHYACHAL STPS UNIT - 11	500	WR	154	1379	86
127	VINDHYACHAL STPS UNIT - 13	500	WR	156	831	86
128	SIMHADRI STPS UNIT - 2	500	SR	320	2355	86
129	SIMHADRI STPS UNIT - 1	500	SR	320	2387	86
130	OP JINDAL TPS UNIT - 2	250	WR	99	2073	85
131	TROMBAY TPS UNIT - 5	500	WR	411	2384	85
132	KAKATIYA TPS UNIT - 1	500	SR	282	2248	85
133	SEMBCORP ENERGY INDIA Ltd P- 2 UNIT - 1	660	SR	221	442	85
134	KOTA TPS UNIT - 6	195	NR	300	1155	85
135	BUTIBORI TPP UNIT - 2	300	WR	245	665	85
136	WANAKBORI TPS UNIT - 4	210	WR	412	1566	85
137	KOTHAGUDEM TPS (NEW) UNIT - 10	250	SR	276	2337	85
138	VINDHYACHAL STPS UNIT - 6	210	WR	163	2364	85
139	UKAI TPS UNIT - 4	200	WR	363	1972	85
140	KORBA-WEST TPS UNIT - 4	210	WR	155	2190	85
141	UKAI TPS UNIT - 3	200	WR	363	1958	85
142	RAYALASEEMA TPS UNIT - 4	210	SR	412	2382	85
143	CHANDRAPURA(DVC) TPS UNIT - 7	250	ER	204	1656	85
144	SANJAY GANDHI TPS UNIT - 5	500	WR	221	2305	85
145	SIMHAPURI ENERGY LIMITED UNIT - 1	150	SR	239	392	85
146	UKAI TPS UNIT - 5	210	WR	363	1988	84
147	SEMBCORP ENERGY INDIA Ltd P- 2 UNIT - 2	660	SR	221	356	84
148	GURU GOBIND SINGH TPS UNIT - 4	210	NR	372	495	84
149	BOKARO TPS 'A' EXP UNIT - 1	500	ER	223	329	84
150	Dr. N.TATA RAO TPS UNIT - 1	210	SR	329	2089	84
151	RAYALASEEMA TPS UNIT - 3	210	SR	412	2400	84
152	KOTA TPS UNIT - 7	195	NR	300	1180	84
153	SANTALDIH TPS UNIT - 5	250	ER	262	1397	84
154	WANAKBORI TPS UNIT - 7	210	WR	402	2147	84
155	ANPARA C TPS UNIT - 1	600	NR	206	1192	84
156	SIMHADRI STPS UNIT - 3	500	SR	317	2151	84
157	MAITHON RB TPP UNIT - 1	525	ER	279	1212	84
158	MUNDRA TPS UNIT - 6	660	WR	135	1441	84
159	KOTA TPS UNIT - 4	210	NR	300	1081	83
160	PANIPAT TPS UNIT - 7	250	NR	368	586	83
161	PANIPAT TPS UNIT - 8	250	NR	368	708	83
162	RAICHUR TPS UNIT - 3	210	SR	391	2010	83
163	RIHAND STPS UNIT - 1	500	NR	141	2344	83
164	CHANDRAPURA(DVC) TPS UNIT - 8	250	ER	204	1601	83
165	ANPARA C TPS UNIT - 2	600	NR	206	1168	83
166	KAWAI TPS UNIT - 1	660	NR	260	994	83
167	BHILAI TPS UNIT - 1	250	WR	357	2318	83
168	RAICHUR TPS UNIT - 4	210	SR	391	2172	83
169	ANPARA D TPS UNIT - 1	500	NR	126	567	83
170	OBRA TPS UNIT - 9	200	NR	177	1222	83
171	BHILAI TPS UNIT - 2	250	WR	357	2439	83
172	UNCHAHAR TPS UNIT - 2	210	NR	358	2384	83
173	KAWAI TPS UNIT - 2	660	NR	260	892	83
174	BALCO TPS UNIT - 4	300	WR	307	689	83
175	MUNDRA TPS UNIT - 4	330	WR	174	2132	82
176	SIKKA REP TPS UNIT - 4	250	WR	378	54	82
177	RAICHUR TPS UNIT - 6	210	SR	391	2189	82
178	MAITHON RB TPP UNIT - 2	525	ER	279	1693	82
179	TIRORA TPS UNIT - 2	660	WR	238	1320	82
180	RAYALASEEMA TPS UNIT - 5	210	SR	412	961	82



**Annexure B6 - Ranking based on Normalised Average Generation**

Average generation over the operational period is normalised with respective Installed Capacity(IC). This index is calculated using 15min SCADA data between 1st April 2011 and 31st March 2018. Generation less than 30% of IC in a block is not considered for the analysis.

S.No	Generating Unit Name	Installed Capacity (MW)	Region	Variable cost (Ps/kWh)	Days of operation considered	Normalised daily Average Generation (% of IC)
181	MEJIA TPS UNIT - 3	210	ER	293	1547	82
182	MEENAKSHI ENERGY LIMITED UNIT - 1	150	SR	239	437	82
183	TIRORA TPS UNIT - 3	660	WR	238	1269	82
184	RAYALASEEMA TPS UNIT - 1	210	SR	412	2299	82
185	PANIPAT TPS UNIT - 6	210	NR	389	276	82
186	SATPURA TPS UNIT - 11	250	WR	209	655	82
187	KOTHAGUDEM TPS (NEW) UNIT - 11	500	SR	259	1395	82
188	MEJIA TPS UNIT - 7	500	ER	240	1666	82
189	KOTA TPS UNIT - 3	210	NR	300	1035	82
190	MEJIA TPS UNIT - 2	210	ER	293	1497	81
191	GANDHI NAGAR TPS UNIT - 4	210	WR	422	1434	81
192	YAMUNA NAGAR TPS UNIT - 1	300	NR	363	1090	81
193	GURU GOBIND SINGH TPS UNIT - 2	210	NR	372	469	81
194	MEJIA TPS UNIT - 8	500	ER	240	1339	81
195	UNCHAHAR TPS UNIT - 1	210	NR	358	2395	81
196	BUTIBORI TPP UNIT - 1	300	WR	245	469	81
197	KALISINDH TPS UNIT - 1	600	NR	267	887	81
198	WANAKBORI TPS UNIT - 2	210	WR	412	1649	81
199	ROSA TPP UNIT - 3	300	NR	317	1097	81
200	BAKRESWAR TPS UNIT - 3	210	ER	252	1736	81
201	RAICHUR TPS UNIT - 7	210	SR	391	2051	81
202	GANDHI NAGAR TPS UNIT - 3	210	WR	422	1406	81
203	WANAKBORI TPS UNIT - 3	210	WR	412	1634	81
204	MUNDRA TPS UNIT - 3	330	WR	174	2147	81
205	PARICHHA TPS UNIT - 5	250	NR	293	1082	81
206	SIMHADRI STPS UNIT - 4	500	SR	317	1060	81
207	KAKATIYA TPS UNIT - 2	600	SR	277	641	81
208	YAMUNA NAGAR TPS UNIT - 2	300	NR	363	1093	81
209	ROSA TPP UNIT - 1	300	NR	317	1186	81
210	RAICHUR TPS UNIT - 5	210	SR	391	2068	81
211	MEJIA TPS UNIT - 4	210	ER	293	1289	81
212	JSW RATNAGIRI TPP UNIT - 2	300	WR	270	1673	81
213	RAYALASEEMA TPS UNIT - 2	210	SR	412	2303	81
214	UNCHAHAR TPS UNIT - 4	210	NR	358	2430	80
215	DADRI (NCTPP) UNIT - 5	490	NR	384	2255	80
216	GURU GOBIND SINGH TPS UNIT - 3	210	NR	372	479	80
217	DADRI (NCTPP) UNIT - 6	490	NR	384	2237	80
218	MEJIA TPS UNIT - 1	210	ER	293	1322	80
219	DURGAPUR STEEL TPS UNIT - 1	500	ER	250	1561	80
220	PARICHHA TPS UNIT - 6	250	NR	293	1124	80
221	KHAPARKHEDA TPS UNIT - 5	500	WR	235	1899	80
222	MUNDRA UMTPP UNIT - 2	830	WR	197	1799	80
223	MUNDRA UMTPP UNIT - 4	830	WR	197	1571	80
224	NASIK TPS UNIT - 3	210	WR	327	2112	80
225	UDUPI PCL UNIT - 2	600	SR	382	1579	80
226	VALLUR TPP UNIT - 3	500	SR	320	606	80
227	BALCO TPS UNIT - 3	300	WR	307	798	80
228	UDUPI PCL UNIT - 1	600	SR	382	2012	80
229	CHANDRAPUR(MAHARASHTRA) STPS UNIT - 4	210	WR	231	2100	80
230	GURU GOBIND SINGH TPS UNIT - 1	210	NR	372	412	80
231	ROSA TPP UNIT - 2	300	NR	317	1168	80
232	MUNDRA TPS UNIT - 9	660	WR	196	1918	80
233	MUNDRA TPS UNIT - 5	660	WR	135	1810	80
234	UNCHAHAR TPS UNIT - 5	210	NR	358	2467	80
235	DURGAPUR STEEL TPS UNIT - 2	500	ER	250	1097	80
236	MEJIA TPS UNIT - 6	250	ER	293	1657	80
237	IL&FS TAMIL NADU PCL UNIT - 2	600	SR	293	418	80
238	GURU HARGOBIND SINGH TPS UNIT - 2	210	NR	361	525	79
239	RAICHUR TPS UNIT - 1	210	SR	391	1882	79
240	MUNDRA TPS UNIT - 7	660	WR	196	1946	79

**Annexure B6 - Ranking based on Normalised Average Generation**

Average generation over the operational period is normalised with respective Installed Capacity(IC). This index is calculated using 15min SCADA data between 1st April 2011 and 31st March 2018. Generation less than 30% of IC in a block is not considered for the analysis.

S.No	Generating Unit Name	Installed Capacity (MW)	Region	Variable cost (Ps/kWh)	Days of operation considered	Normalised daily Average Generation (% of IC)
241	WANAKBORI TPS UNIT - 1	210	WR	412	1741	79
242	UNCHAHAR TPS UNIT - 3	210	NR	358	2400	79
243	TENUGHAT TPS UNIT - 2	210	ER	193	1443	79
244	ROSA TPP UNIT - 4	300	NR	317	1138	79
245	KALISINDH TPS UNIT - 2	600	NR	267	568	79
246	SAGARDIGHI TPS UNIT - 2	300	ER	343	1072	79
247	GURU HARGOBIND SINGH TPS UNIT - 3	250	NR	361	799	79
248	PARLI TPS UNIT - 7	250	WR	350	324	79
249	MUNDRA UMTPP UNIT - 5	830	WR	197	1490	79
250	MUNDRA UMTPP UNIT - 3	830	WR	197	1692	79
251	KODARMA TPP UNIT - 2	500	ER	282	1067	79
252	TENUGHAT TPS UNIT - 1	210	ER	193	1439	79
253	KHAPARKHEDA TPS UNIT - 4	210	WR	273	2126	79
254	KOTA TPS UNIT - 5	210	NR	300	1080	79
255	HALDIA TPP UNIT - 1	300	ER	277	1000	79
256	NASIK TPS UNIT - 4	210	WR	327	2195	79
257	NASIK TPS UNIT - 5	210	WR	327	2074	79
258	GURU GOBIND SINGH TPS UNIT - 5	210	NR	372	558	79
259	PARICHHHA TPS UNIT - 3	210	NR	311	1132	79
260	NORTH CHENNAI TPS UNIT - 5	600	SR	304	1073	78
261	RAICHUR TPS UNIT - 2	210	SR	391	1848	78
262	PARLI TPS UNIT - 6	250	WR	350	412	78
263	KOLAGHAT TPS UNIT - 5	210	ER	385	2104	78
264	MEJIA TPS UNIT - 5	250	ER	293	1309	78
265	LANCO AMARKANTAK TPS UNIT - 1	300	WR	246	2364	78
266	MUNDRA TPS UNIT - 8	660	WR	196	1995	78
267	VALLUR TPP UNIT - 2	500	SR	320	946	78
268	MUNDRA UMTPP UNIT - 1	830	WR	197	1710	78
269	KHAPARKHEDA TPS UNIT - 3	210	WR	273	2055	78
270	RAJPURA TPP UNIT - 1	700	NR	226	1064	78
271	JSW RATNAGIRI TPP UNIT - 3	300	WR	270	2047	78
272	GURU HARGOBIND SINGH TPS UNIT - 4	250	NR	361	656	78
273	CHANDRAPUR(MAHARASHTRA) STPS UNIT - 9	500	WR	224	432	78
274	MUNDRA TPS UNIT - 2	330	WR	174	1760	77
275	SATPURA TPS UNIT - 10	250	WR	209	757	77
276	OBRA TPS UNIT - 10	200	NR	177	526	77
277	TAMNAR TPP UNIT - 2	600	WR	220	981	77
278	METTUR TPS UNIT - 5	600	SR	362	880	77
279	NORTH CHENNAI TPS UNIT - 4	600	SR	304	1040	77
280	BHUSAWAL TPS UNIT - 4	500	WR	274	585	77
281	CHANDRAPUR(MAHARASHTRA) STPS UNIT - 8	500	WR	224	481	77
282	AMARAVATI TPS UNIT - 2	270	WR	303	579	77
283	KOLAGHAT TPS UNIT - 6	210	ER	385	1961	77
284	MEENAKSHI ENERGY LIMITED UNIT - 2	150	SR	239	601	77
285	ANPARA D TPS UNIT - 2	500	NR	126	380	77
286	HALDIA TPP UNIT - 2	300	ER	277	952	77
287	TIRORA TPS UNIT - 1	660	WR	238	1290	77
288	OBRA TPS UNIT - 11	200	NR	177	445	77
289	TIRORA TPS UNIT - 5	660	WR	238	917	77
290	BHUSAWAL TPS UNIT - 5	500	WR	274	589	77
291	IL&FS TAMIL NADU PCL UNIT - 1	600	SR	293	674	77
292	PARAS TPS UNIT - 3	250	WR	224	2062	77
293	TUTICORIN (JV) TPP (NTPL) UNIT - 2	500	SR	315	809	77
294	AMARAVATI TPS UNIT - 1	270	WR	303	578	77
295	KAHALGAON TPS UNIT - 3	210	ER	241	2376	77
296	KAHALGAON TPS UNIT - 4	210	ER	252	2350	77
297	TIRORA TPS UNIT - 4	660	WR	238	997	76
298	PARICHHHA TPS UNIT - 4	210	NR	311	1163	76
299	KAMALANGA TPS UNIT - 2	350	ER	170	1225	76
300	MUNDRA TPS UNIT - 1	330	WR	174	1777	76

**Annexure B6 - Ranking based on Normalised Average Generation**

Average generation over the operational period is normalised with respective Installed Capacity(IC). This index is calculated using 15min SCADA data between 1st April 2011 and 31st March 2018. Generation less than 30% of IC in a block is not considered for the analysis.

S.No	Generating Unit Name	Installed Capacity (MW)	Region	Variable cost (Ps/kWh)	Days of operation considered	Normalised daily Average Generation (% of IC)
301	FARAKKA STPS UNIT - 3	200	ER	240	1817	76
302	ANPARA TPS UNIT - 3	210	NR	159	1214	76
303	RAJPURA TPP UNIT - 2	700	NR	226	1191	76
304	PARAS TPS UNIT - 4	250	WR	224	2317	76
305	PRAYAGRAJ TPP UNIT - 1	660	NR	249	442	76
306	MB POWER TPP UNIT - 1	600	WR	199.7	815	76
307	SATPURA TPS UNIT - 6	200	WR	253	1574	76
308	KAHALGAON TPS UNIT - 2	210	ER	241	2396	76
309	FARAKKA STPS UNIT - 5	500	ER	240	1622	76
310	KAHALGAON TPS UNIT - 5	500	ER	252	2320	76
311	KSK MAHANADI TPS UNIT - 4	600	WR	278	760	76
312	FARAKKA STPS UNIT - 4	500	ER	240	1693	76
313	SANJAY GANDHI TPS UNIT - 4	210	WR	221	2032	75
314	KAHALGAON TPS UNIT - 6	500	ER	252	2272	75
315	KAMALANGA TPS UNIT - 1	350	ER	170	1032	75
316	VIZAG TPP UNIT - 1	520	SR	276	421	75
317	KAHALGAON TPS UNIT - 1	210	ER	241	2369	75
318	TUTICORIN (JV) TPP (NTPL) UNIT - 1	500	SR	315	833	75
319	FARAKKA STPS UNIT - 1	200	ER	240	1790	75
320	AMARAVATI TPS UNIT - 3	270	WR	303	444	75
321	KAHALGAON TPS UNIT - 7	500	ER	252	2241	75
322	BARH II UNIT - 5	660	ER	234	726	75
323	KODARMA TPP UNIT - 1	500	ER	282	608	75
324	SATPURA TPS UNIT - 8	210	WR	253	1625	75
325	AMARAVATI TPS UNIT - 5	270	WR	303	292	75
326	MARWA TPS UNIT - 2	500	WR	160	550	75
327	LANCO AMARKANTAK TPS UNIT - 2	300	WR	252	1403	75
328	VALLUR TPP UNIT - 1	500	SR	320	1487	75
329	ANPARA TPS UNIT - 1	210	NR	159	1263	75
330	FARAKKA STPS UNIT - 2	200	ER	240	1782	75
331	TAMNAR TPP UNIT - 1	600	WR	220	757	74
332	SANJAY GANDHI TPS UNIT - 3	210	WR	221	1759	74
333	DADRI (NCTPP) UNIT - 3	210	NR	414	1231	74
334	DADRI (NCTPP) UNIT - 4	210	NR	414	1203	74
335	BARH II UNIT - 4	660	ER	234	1154	74
336	CHANDRAPUR(MAHARASHTRA) STPS UNIT - 6	500	WR	231	2094	74
337	TRN ENERGY TPP UNIT - 1	300	WR	235	364	74
338	CHANDRAPUR(MAHARASHTRA) STPS UNIT - 5	500	WR	231	2091	74
339	VIZAG TPP UNIT - 2	520	SR	276	326	74
340	DERANG TPP UNIT - 1	600	ER	175	682	74
341	DURGAPUR TPS UNIT - 4	210	ER	371	1189	73
342	AMARAVATI TPS UNIT - 4	270	WR	303	478	73
343	SIKKA REP TPS UNIT - 3	250	WR	378	53	73
344	RAICHUR TPS UNIT - 8	250	SR	391	1754	73
345	LALITPUR TPS UNIT - 3	660	NR	285	302	73
346	DADRI (NCTPP) UNIT - 2	210	NR	414	912	73
347	RAJIV GANDHI TPS UNIT - 1	600	NR	369	853	73
348	DADRI (NCTPP) UNIT - 1	210	NR	414	1059	73
349	GMR WARORA TPS UNIT - 1	300	WR	248	1414	73
350	GOINDWAL SAHIB TPP UNIT - 2	270	NR	294	116	73
351	SAGARDIGHI TPS UNIT - 1	300	ER	343	1186	73
352	DB POWER TPS UNIT - 2	600	WR	226	613	72
353	LALITPUR TPS UNIT - 2	660	NR	285	348	72
354	SANJAY GANDHI TPS UNIT - 2	210	WR	221	1945	72
355	SANJAY GANDHI TPS UNIT - 1	210	WR	221	1863	72
356	GOINDWAL SAHIB TPP UNIT - 1	270	NR	294	250	72
357	JSW RATNAGIRI TPP UNIT - 4	300	WR	270	2024	72
358	BALCO TPS UNIT - 1	300	WR	307	673	72
359	ANPARA TPS UNIT - 2	210	NR	159	1220	72
360	BONGAIGAON TPP UNIT - 1	250	NER	297	583	72

**Annexure B6 - Ranking based on Normalised Average Generation**

Average generation over the operational period is normalised with respective Installed Capacity(IC). This index is calculated using 15min SCADA data between 1st April 2011 and 31st March 2018. Generation less than 30% of IC in a block is not considered for the analysis.

S.No	Generating Unit Name	Installed Capacity (MW)	Region	Variable cost (Ps/kWh)	Days of operation considered	Normalised daily Average Generation (% of IC)
361	KHAPARKHEDA TPS UNIT - 1	210	WR	273	2106	72
362	GMR WARORA TPS UNIT - 2	300	WR	248	1277	71
363	DB POWER TPS UNIT - 1	600	WR	226	877	71
364	D.P.L. TPS UNIT - 7	300	ER	272	471	71
365	KSK MAHANADI TPS UNIT - 3	600	WR	278	1190	71
366	CHANDRAPUR(MAHARASHTRA) STPS UNIT - 7	500	WR	231	2150	71
367	NIGRI TPP UNIT - 2	660	WR	65	800	71
368	RAJIV GANDHI TPS UNIT - 2	600	NR	369	811	71
369	SATPURA TPS UNIT - 7	210	WR	253	1517	71
370	BHUSAWAL TPS UNIT - 3	210	WR	307	1735	71
371	CHANDRAPUR(MAHARASHTRA) STPS UNIT - 3	210	WR	231	1735	71
372	KHAPARKHEDA TPS UNIT - 2	210	WR	273	2170	71
373	COASTAL ENERGEN UNIT - 1	600	SR	321	585	71
374	NIGRI TPP UNIT - 1	660	WR	65	952	70
375	DHARIWAL TPP UNIT - 2	300	WR	236	802	70
376	BONGAIGAON TPP UNIT - 2	250	NER	297	139	70
377	INDIRA GANDHI STPP UNIT - 1	500	NR	279	1751	70
378	BELLARY TPS UNIT - 1	500	SR	395	1654	70
379	RAGHUNATHPUR TPP UNIT - 1	600	ER	286	298	70
380	DERANG TPP UNIT - 2	600	ER	175	813	69
381	MAHATMA GANDHI TPS UNIT - 1	660	NR	357	908	69
382	MAHATMA GANDHI TPS UNIT - 2	660	NR	357	887	69
383	BELLARY TPS UNIT - 2	500	SR	395	1529	69
384	DAMODARAM SANJEEVAIAH TPS UNIT - 2	800	SR	285	633	69
385	KOLAGHAT TPS UNIT - 4	210	ER	385	1893	69
386	KORADI TPS UNIT - 7	210	WR	226	1815	69
387	MAHADEV PRASAD STPP UNIT - 1	270	ER	131	1352	69
388	BALCO TPS UNIT - 2	300	WR	307	493	68
389	INDIRA GANDHI STPP UNIT - 2	500	NR	279	1427	68
390	MAUDA TPS UNIT - 1	500	WR	318	866	68
391	LALITPUR TPS UNIT - 1	660	NR	285	406	68
392	MAUDA TPS UNIT - 2	500	WR	318	684	68
393	MB POWER TPP UNIT - 2	600	WR	199.7	297	68
394	MARWA TPS UNIT - 1	500	WR	160	333	68
395	SATPURA TPS UNIT - 9	210	WR	253	1276	68
396	NEYVELI TPS(Z) UNIT - 1	250	SR	237	567	68
397	DAMODARAM SANJEEVAIAH TPS UNIT - 1	800	SR	285	709	68
398	COASTAL ENERGEN UNIT - 2	600	SR	321	396	68
399	BOKARO 'B' TPS UNIT - 3	210	ER	211	1109	68
400	BINA TPS UNIT - 1	250	WR	318	421	67
401	PARLI TPS UNIT - 4	210	WR	224	849	67
402	KORADI TPS UNIT - 10	660	WR	217	321	67
403	INDIRA GANDHI STPP UNIT - 3	500	NR	279	1238	66
404	SHREE SINGAJI TPP UNIT - 1	600	WR	274	322	66
405	BANDEL TPS UNIT - 5	215	ER	398	1416	66
406	KUDGI STPP UNIT - 1	800	SR	356	231	66
407	GMR CHATTISGARH TPP UNIT - 2	685	WR	162	133	66
408	BINA TPS UNIT - 2	250	WR	318	244	65
409	MAUDA TPS UNIT - 4	660	WR	312	49	64
410	TALWANDI SABO TPP UNIT - 3	660	NR	285	635	64
411	KORADI TPS UNIT - 8	660	WR	226	588	64
412	RAGHUNATHPUR TPP UNIT - 2	600	ER	286	175	64
413	TALWANDI SABO TPP UNIT - 1	660	NR	285	408	63
414	KAMALANGA TPS UNIT - 3	350	ER	170	1292	63
415	KORADI TPS UNIT - 9	660	WR	217	436	63
416	ESSAR VADINAR(EPGL) UNIT - 1	600	WR	302	515	63
417	KORADI TPS UNIT - 6	210	WR	217	1234	63
418	ESSAR VADINAR(EPGL) UNIT - 2	600	WR	302	410	63
419	RKM POWER UNIT - 1	360	WR	193	231	62
420	PARLI TPS UNIT - 5	210	WR	224	1056	62

**Annexure B6 - Ranking based on Normalised Average Generation**

Average generation over the operational period is normalised with respective Installed Capacity(IC). This index is calculated using 15min SCADA data between 1st April 2011 and 31st March 2018. Generation less than 30% of IC in a block is not considered for the analysis.

S.No	Generating Unit Name	Installed Capacity (MW)	Region	Variable cost (Ps/kWh)	Days of operation considered	Normalised daily Average Generation (% of IC)
421	SOLAPUR TPP UNIT - 1	660	WR	352	86	62
422	KOLAGHAT TPS UNIT - 1	210	ER	385	1903	62
423	D.P.L. TPS UNIT - 8	250	ER	272	1096	61
424	MAUDA TPS UNIT - 3	660	WR	312	85	61
425	TALWANDI SABO TPP UNIT - 2	660	NR	285	835	61
426	KOLAGHAT TPS UNIT - 3	210	ER	385	1765	60
427	KOLAGHAT TPS UNIT - 2	210	ER	385	1985	60
428	SAGARDIGHI TPS UNIT - 3	500	ER	343	402	59
429	OBRA TPS UNIT - 13	200	NR	177	1031	58
430	GMR CHATTISGARH TPP UNIT - 1	685	WR	162	172	58
431	BHAVNAGAR CFBC TPP UNIT - 1	250	WR	263	126	58
432	MAHADEV PRASAD STPP UNIT - 2	270	ER	131	1185	57
433	SHREE SINGAJI TPP UNIT - 2	600	WR	274	300	57
434	MAHAN TPP UNIT - 1	600	WR	380	539	57
435	JHABUA POWER TPP UNIT - 1	600	WR	181	231	56
436	SAGARDIGHI TPS UNIT - 4	500	ER	343	149	55
437	OBRA TPS UNIT - 12	200	NR	177	685	51
438	TROMBAY TPS UNIT - 6	500	WR	411	700	47



# **Annexure - C**



**RRAS Provider Details 16th February 2020 to 15th March 2020**

Sl No	RRAS Provider Name	Region	Installed Capacity (MW)	Variable cost (Paisa/kWh)	Ramp Up (MW/Block)	Ramp Down (MW/Block)	Technical Minimum (MW)
1	Korba STPS STG ( III)	WR	500	130.20	30	30	275
2	Sasan Power Ltd	WR	3,960	132.30	180	180	2,400
3	Korba STPS STG ( I & II)	WR	2,100	132.90	135	135	1,155
4	Rihand TPS Stage - III	NR	1,000	136.00	100	150	516
5	Rihand TPS Stage - II	NR	1,000	137.70	100	150	516
6	Rihand TPS Stage - I	NR	1,000	138.00	100	150	506
7	Singrauli STPS	NR	2,000	138.40	135	197	1,100
8	SIPAT TPS Stg-I	WR	1,980	150.40	90	90	1,021
9	SIPAT TPS Stg-II	WR	1,000	154.80	150	150	516
10	Vindhyachal-IV	WR	1,000	165.50	70	70	516
11	Vindhyachal-III	WR	1,000	168.00	70	70	516
12	Vindhyachal-II	WR	1,000	168.80	70	70	511
13	Vindhyachal-V	WR	500	170.90	35	35	255
14	Vindhyachal-I	WR	1,260	175.30	90	90	631
15	Ratnagiri Gas & Power Pvt Ltd GF*	WR	664	181.00	300	300	354
16	Costal Gujarat Power Ltd	WR	4,150	185.25	150	150	2,090
17	NPGC	ER	660	204.70	30	30	363
18	Talcher STPS - II	SR	2,000	205.80	150	150	1,031
19	Talcher STPS - I	ER	1,000	207.60	48	48	511
20	AGBPP - Kathalguri	AR	291	210.80	34	34	264
21	Kahalgaon STPS - II	ER	1,500	218.10	113	113	774
22	Kahalgaon STPS - I	ER	840	229.90	90	90	421
23	Nabinagar Thermal Power Project (BRBCL)	ER	750	234.80	60	60	413
24	Neyveli New Thermal Power Project (NNTPP)	SR	500	236.20	75	75	325
25	AGTTP - Agartala	AR	135	242.60	10	10	98
26	Tanda TPS Stage-II	NR	600	243.10	47	47	342
27	LARA-I	WR	800	243.10	60	60	413
28	Kawas Gas Power Project GF	WR	656	246.90	50	50	352
29	Gandhar Gas Power Project GF	WR	657	251.60	293	293	354
30	Gandhar Gas Power Project NAPM	WR	657	254.00	293	293	354
31	NLC TPS - I Exp	SR	420	254.70	36	45	250
32	Kawas Gas Power Project NAPM	WR	656	255.00	50	50	352
33	Ramagundam STPS - III	SR	500	259.10	50	50	258
34	NLC TPS - II Exp	SR	500	259.30	36	27	293
35	Maithon Power Limited	ER	1,050	261.00	80	80	541
36	Ramagundam STPS - I & II	SR	2,100	262.80	210	210	1,074
37	MTPS Stage-II	ER	390	270.60	30	30	195
38	Farakka STPS - III	ER	500	274.40	38	38	258
39	NLC TPS - I	SR	630	276.60	54	68	369
40	NLC TPS - II	SR	840	276.60	72	90	491
41	Farakka STPS - I & II	ER	1,600	279.60	120	120	820
42	Khargone unit 1	WR	660	283.00	50	50	340
43	Barh TPS	ER	1,320	284.50	90	90	681
44	NTPL - Tuticorin TPS	SR	1,000	291.30	75	75	518
45	Mouda STPP Stage-II	WR	1,320	302.70	70	70	680
46	Dadri Gas Power Project GF	NR	830	303.00	50	50	456

*Flexibility Analysis of Thermal Generation for Renewable Integration In India*

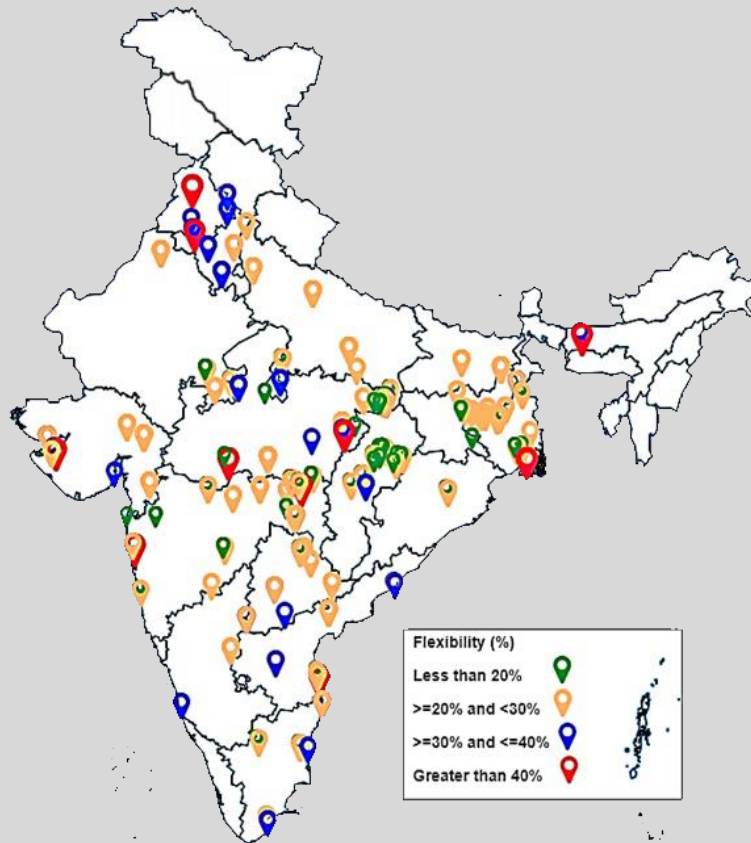
SI No	RRAS Provider Name	Region	Installed Capacity (MW)	Variable cost (Paisa/kWh)	Ramp Up (MW/Block)	Ramp Down (MW/Block)	Technical Minimum (MW)
47	Mouda STPP Stage-I	WR	1,000	308.60	70	70	516
48	Solapur Super Thermal Power Project	WR	1,320	309.90	100	100	681
49	Gadarwara STPP St-I	WR	800	310.70	30	30	413
50	Simhadri STPS - II	SR	1,000	315.80	100	100	518
51	Anta Gas Power Project GF	NR	419	318.50	57	57	225
52	Simhadri STPS - I	SR	1,000	319.90	100	100	518
53	Unchahar TPS Stage - IV	NR	500	325.30	35	35	275
54	Auraiya Gas Power Project GF	NR	663	326.40	138	138	365
55	BongaigaonTPP	AR	250	332.50	15	15	138
56	NTPC-SAIL Power Company Pvt. Ltd	WR	500	344.80	30	30	250
57	Unchahar TPS Stage - III	NR	210	345.20	15	15	116
58	Unchahar TPS Stage - I	NR	420	345.20	30	30	231
59	Unchahar TPS Stage - II	NR	420	348.30	30	30	231
60	RGPPL-Others	WR	32	352.00	300	300	17
61	RGPPL-Maharashtra	WR	68	352.00	300	300	36
62	Indra Gandhi STPS	NR	1,500	354.90	150	150	778
63	Ratnagiri Gas & Power Pvt Ltd RF*	WR	1,122	357.00	300	300	354
64	Kudgi STPS I	SR	2,400	360.70	180	180	1,238
65	Ratnagiri Gas & Power Pvt Ltd IR	WR	540	369.00	300	300	288
66	NTECL - Vallur TPS	SR	1,500	369.10	113	113	766
67	Dadri TPS Stage - II	NR	980	377.80	100	100	509
68	Dadri TPS Stage - I	NR	840	418.80	80	80	422
69	Gandhar Gas Power Project RF	WR	657	703.60	293	293	354
70	Kawas Gas Power Project RF	WR	656	725.80	50	50	352
71	Dadri Gas Power Project RF	NR	830	790.70	50	50	456
72	Anta Gas Power Project RF	NR	419	811.40	57	57	225
73	Auraiya Gas Power Project RF	NR	663	830.20	138	138	365
74	Dadri Gas Power Project LF	NR	830	1,245.40	50	50	456
75	Auraiya Gas Power Project LF	NR	663	1,269.40	138	138	365
76	Anta Gas Power Project LF	NR	419	1,276.50	57	57	225
77	Kawas Gas Power Project LF	WR	656	1,514.00	50	50	352
All India Total Installed Capacity			64,984				

\*Details mentioned are as per previous AS3 Format (Charges yet to submit by plant for period 16th February 2020 to 15th March 2020)



# Flexibility Analysis of Thermal Generation for Renewable Integration in India

## Volume -II



May 2020

Power System Operation Corporation Limited

## Summary

This report is the second volume of *Flexibility Analysis of Thermal Generation for Renewable Integration in India*. The first volume of the report discusses the flexibility behaviour of 438 thermal generating units in the country. In this report, flexibility behaviour of thermal generating units have been presented graphically. SCADA data of financial years 2011-2018 available with various Regional Load Despatch Centres (RLDCs) is the source for the analysis.

The SCADA data is processed with the following assumptions

- a. If generation in a time block is below 30% of Installed Capacity, data is not used for the analysis.
- b. Total number of valid days under operation is calculated, if daily average generation is greater than 30% of installed capacity.

Thus the generation profile during start-up and shutdown periods have been eliminated in the analysis.

The Generating units for each Region with Central Generating units, Independent Power Producers and State-wise classification is presented. Each Generating unit has three plots for the analysis period.

1. Daily Maximum Generation (MW)
2. Daily Minimum Generation (MW)
3. Daily Flexibility (%)
4. Static Information
  - a. Derived Parameters
  - b. Variable Charge (Paisa/kWh)
  - c. Number of Beneficiaries (for CGS)

The following parameters have been derived using the data

1. No. of Days Maximum Generation achieved (% of total days in operation)
2. No. of Days Minimum Generation achieved (% of total days in operation)
3. Average Flexibility (%)
4. Average of Daily Max/Daily Min Generation (MW)
5. Daily Average Generation (MW)
6. Normalised Daily Max/ Daily Min/ Daily Average Generation with Installed Capacity (%)

### **Description for the Parameters**

#### **1. No. of Days Maximum Generation achieved**

This represent the number of days a generating unit has generated in the range of 95 – 105 % of installed capacity for at least one time block in a day. This parameter represents the daily peaking behaviour considering overload capacity of the generating unit. The same is normalised over the Total Number of Days in-service.

## **2. No. of Days Minimum Generation achieved**

This represents the number of days a generating unit has generated in the range of 30 – 70 % of installed capacity for at least one time block in a day. This parameter represent the ability/requirement for a generating unit to operate below 70% of IC

## **3. Daily Average Generation (MW)**

The daily average generation is averaged over the 7 years when the unit is in-service. This represents the Capacity factor of the generating unit. Usually the cheaper plants have relatively higher Daily Average generation than Costlier plants.

## **4. Average Daily Maximum/Daily Minimum Generation**

The day-wise maximum and minimum generation is averaged for the 7 years.

## **5. Flexibility (%)**

This metric indicates the Daily range of a generating unit i.e. difference of daily Maximum Generation and daily minimum generation. This is normalised w.r.t installed capacity for comparison.

## **Conclusion**

The Plots in this report give an operational scheduling aspect for all thermal generating unit's i.e. Central Generating unit, Independent power producing units and state owned thermal units from 2011 - 2018. Thus in the present scenario with higher integration of RE, the requirement of flexibility resources would ever increase. The major objective of the analysis of this report is for identifying the flexibility provided by Thermal Generating units.

# Table of Contents

Name of the Unit	Page Number
<b>EASTERN REGION</b>	
<b>CENTRAL GENERATING STATIONS</b>	
BARH II UNIT - 4 660 MW	3
BARH II UNIT - 5 660 MW	4
FARAKKA STPS UNIT - 1 200 MW	5
FARAKKA STPS UNIT - 2 200 MW	6
FARAKKA STPS UNIT - 3 200 MW	7
FARAKKA STPS UNIT - 4 500 MW	8
FARAKKA STPS UNIT - 5 500 MW	9
KAHALGAON TPS UNIT - 1 210 MW	10
KAHALGAON TPS UNIT - 2 210 MW	11
KAHALGAON TPS UNIT - 3 210 MW	12
KAHALGAON TPS UNIT - 4 210 MW	13
KAHALGAON TPS UNIT - 5 500 MW	14
KAHALGAON TPS UNIT - 6 500 MW	15
KAHALGAON TPS UNIT - 7 500 MW	16
TALCHER STPS UNIT - 1 500 MW	17
TALCHER STPS UNIT - 2 500 MW	18
<b>INDEPENDENT POWER PRODUCERS (IPP-ISGS)</b>	
DERANG TPP UNIT - 1 600 MW	20
DERANG TPP UNIT - 2 600 MW	21
KAMALANGA TPS UNIT - 1 350 MW	22
KAMALANGA TPS UNIT - 2 350 MW	23
KAMALANGA TPS UNIT - 3 350 MW	24
MAHADEV PRASAD STPP UNIT - 1 270 MW	25
MAHADEV PRASAD STPP UNIT - 2 270 MW	26
MAITHON RB TPP UNIT - 1 525 MW	27
MAITHON RB TPP UNIT - 2 525 MW	28
<b>JHARKHAND</b>	
BOKARO TPS `A` EXP UNIT - 1 500 MW	30
BOKARO `B` TPS UNIT - 3 210 MW	31
CHANDRAPURA(DVC) TPS UNIT - 7 250 MW	32
CHANDRAPURA(DVC) TPS UNIT - 8 250 MW	33
KODARMA TPP UNIT - 1 500 MW	34
KODARMA TPP UNIT - 2 500 MW	35
TENUGHAT TPS UNIT - 1 210 MW	36
TENUGHAT TPS UNIT - 2 210 MW	37
<b>WEST BENGAL</b>	
BAKRESWAR TPS UNIT - 1 210 MW	39
BAKRESWAR TPS UNIT - 3 210 MW	40
BAKRESWAR TPS UNIT - 4 210 MW	41
BAKRESWAR TPS UNIT - 5 210 MW	42
BANDEL TPS UNIT - 5 210 MW	43
BUDGE BUDGE TPS UNIT - 1 250 MW	44
BUDGE BUDGE TPS UNIT - 2 250 MW	45
BUDGE BUDGE TPS UNIT - 3 250 MW	46
D.P.L. TPS UNIT - 7 300 MW	47



<b>Name of the Unit</b>	<b>Page Number</b>
D.P.L. TPS UNIT - 8 250 MW	48
DURGAPUR STEEL TPS UNIT - 1 500 MW	49
DURGAPUR STEEL TPS UNIT - 2 500 MW	50
DURGAPUR TPS UNIT - 4 210 MW	51
HALDIA TPP UNIT - 1 300 MW	52
HALDIA TPP UNIT - 2 300 MW	53
KOLAGHAT TPS UNIT - 1 210 MW	54
KOLAGHAT TPS UNIT - 2 210 MW	55
KOLAGHAT TPS UNIT - 3 210 MW	56
KOLAGHAT TPS UNIT - 4 210 MW	57
KOLAGHAT TPS UNIT - 5 210 MW	58
KOLAGHAT TPS UNIT - 6 210 MW	59
MEJIA TPS UNIT - 1 210 MW	60
MEJIA TPS UNIT - 2 210 MW	61
MEJIA TPS UNIT - 3 210 MW	62
MEJIA TPS UNIT - 4 210 MW	63
MEJIA TPS UNIT - 5 250 MW	64
MEJIA TPS UNIT - 6 250 MW	65
MEJIA TPS UNIT - 7 500 MW	66
MEJIA TPS UNIT - 8 500 MW	67
RAGHUNATHPUR TPP UNIT - 1 600 MW	68
RAGHUNATHPUR TPP UNIT - 2 600 MW	69
SAGARDIGHI TPS UNIT - 1 300 MW	70
SAGARDIGHI TPS UNIT - 2 300 MW	71
SAGARDIGHI TPS UNIT - 3 500 MW	72
SAGARDIGHI TPS UNIT - 4 500 MW	73
SANTALDIH TPS UNIT - 5 250 MW	74
SANTALDIH TPS UNIT - 6 250 MW	75
<b>NORTH-EASTERN REGION</b>	
<b>CENTRAL GENERATING STATIONS</b>	
BONGAIGAON TPP UNIT - 1 250 MW	78
BONGAIGAON TPP UNIT - 2 250 MW	79
<b>NORTHERN REGION</b>	
<b>CENTRAL GENERATING STATIONS</b>	
DADRI (NCTPP) UNIT - 1 210 MW	82
DADRI (NCTPP) UNIT - 2 210 MW	83
DADRI (NCTPP) UNIT - 3 210 MW	84
DADRI (NCTPP) UNIT - 4 210 MW	85
DADRI (NCTPP) UNIT - 5 490 MW	86
DADRI (NCTPP) UNIT - 6 490 MW	87
INDIRA GANDHI STPP UNIT - 1 500 MW	88
INDIRA GANDHI STPP UNIT - 2 500 MW	89
INDIRA GANDHI STPP UNIT - 3 500 MW	90
RIHAND STPS UNIT - 1 500 MW	91
RIHAND STPS UNIT - 2 500 MW	92
RIHAND STPS UNIT - 3 500 MW	93
RIHAND STPS UNIT - 4 500 MW	94
RIHAND STPS UNIT - 5 500 MW	95
RIHAND STPS UNIT - 6 500 MW	96

<b>Name of the Unit</b>	<b>Page Number</b>
SINGRAULI STPS UNIT - 1 200 MW	97
SINGRAULI STPS UNIT - 2 200 MW	98
SINGRAULI STPS UNIT - 3 200 MW	99
SINGRAULI STPS UNIT - 4 200 MW	100
SINGRAULI STPS UNIT - 5 200 MW	101
SINGRAULI STPS UNIT - 6 500 MW	102
SINGRAULI STPS UNIT - 7 500 MW	103
UNCHAHAR TPS UNIT - 1 210 MW	104
UNCHAHAR TPS UNIT - 2 210 MW	105
UNCHAHAR TPS UNIT - 3 210 MW	106
UNCHAHAR TPS UNIT - 4 210 MW	107
UNCHAHAR TPS UNIT - 5 210 MW	108
<b>HARYANA</b>	
MAHATMA GANDHI TPS UNIT - 1 660 MW	110
MAHATMA GANDHI TPS UNIT - 2 660 MW	111
PANIPAT TPS UNIT - 6 210 MW	112
PANIPAT TPS UNIT - 7 250 MW	113
PANIPAT TPS UNIT - 8 250 MW	114
RAJIV GANDHI TPS UNIT - 1 600 MW	115
RAJIV GANDHI TPS UNIT - 2 600 MW	116
YAMUNA NAGAR TPS UNIT - 1 300 MW	117
YAMUNA NAGAR TPS UNIT - 2 300 MW	118
<b>PUNJAB</b>	
GOINDWAL SAHIB TPP UNIT - 1 270 MW	120
GOINDWAL SAHIB TPP UNIT - 2 270 MW	121
GURU GOBIND SINGH TPS UNIT - 1 210 MW	122
GURU GOBIND SINGH TPS UNIT - 2 210 MW	123
GURU GOBIND SINGH TPS UNIT - 3 210 MW	124
GURU GOBIND SINGH TPS UNIT - 4 210 MW	125
GURU GOBIND SINGH TPS UNIT - 5 210 MW	126
GURU GOBIND SINGH TPS UNIT - 6 210 MW	127
GURU HARGOBIND SINGH TPS UNIT - 2 210 MW	128
GURU HARGOBIND SINGH TPS UNIT - 3 250 MW	129
GURU HARGOBIND SINGH TPS UNIT - 4 250 MW	130
RAJPURA TPP UNIT - 1 700 MW	131
RAJPURA TPP UNIT - 2 700 MW	132
TALWANDI SABO TPP UNIT - 1 660 MW	133
TALWANDI SABO TPP UNIT - 2 660 MW	134
TALWANDI SABO TPP UNIT - 3 660 MW	135
<b>RAJASTHAN</b>	
CHHABRA TPP UNIT - 1 250 MW	137
CHHABRA TPP UNIT - 2 250 MW	138
KALISINDH TPS UNIT - 1 600 MW	139
KALISINDH TPS UNIT - 2 600 MW	140
KAWAI TPS UNIT - 1 660 MW	141
KAWAI TPS UNIT - 2 660 MW	142
KOTA TPS UNIT - 3 210 MW	143
KOTA TPS UNIT - 4 210 MW	144
KOTA TPS UNIT - 5 210 MW	145

<b>Name of the Unit</b>	<b>Page Number</b>
KOTA TPS UNIT - 6 195 MW	146
KOTA TPS UNIT - 7 195 MW	147
SURATGARH TPS UNIT - 1 250 MW	148
SURATGARH TPS UNIT - 2 250 MW	149
SURATGARH TPS UNIT - 3 250 MW	150
SURATGARH TPS UNIT - 4 250 MW	151
SURATGARH TPS UNIT - 5 250 MW	152
SURATGARH TPS UNIT - 6 250 MW	153
<b>UTTAR PRADESH</b>	
ANPARA C TPS UNIT - 1 600 MW	155
ANPARA C TPS UNIT - 2 600 MW	156
ANPARA D TPS UNIT - 1 500 MW	157
ANPARA D TPS UNIT - 2 500 MW	158
ANPARA TPS UNIT - 1 210 MW	159
ANPARA TPS UNIT - 2 210 MW	160
ANPARA TPS UNIT - 3 210 MW	161
ANPARA TPS UNIT - 4 500 MW	162
ANPARA TPS UNIT - 5 500 MW	163
LALITPUR TPS UNIT - 1 660 MW	164
LALITPUR TPS UNIT - 2 660 MW	165
LALITPUR TPS UNIT - 3 660 MW	166
OBRA TPS UNIT - 9 200 MW	167
OBRA TPS UNIT - 10 200 MW	168
OBRA TPS UNIT - 11 200 MW	169
OBRA TPS UNIT - 12 200 MW	170
OBRA TPS UNIT - 13 200 MW	171
PARICHHA TPS UNIT - 3 210 MW	172
PARICHHA TPS UNIT - 4 210 MW	173
PARICHHA TPS UNIT - 5 250 MW	174
PARICHHA TPS UNIT - 6 250 MW	175
PRAYAGRAJ TPP UNIT - 1 660 MW	176
ROSA TPP UNIT - 1 300 MW	177
ROSA TPP UNIT - 2 300 MW	178
ROSA TPP UNIT - 3 300 MW	179
ROSA TPP UNIT - 4 300 MW	180
<b>SOUTHERN REGION</b>	
<b>CENTRAL GENERATING STATIONS</b>	
KUDGI STPP UNIT - 1 800 MW	183
NEYVELI (EXT) TPS UNIT - 1 210 MW	184
NEYVELI (EXT) TPS UNIT - 2 210 MW	185
NEYVELI TPS(Z) UNIT - 1 250 MW	186
NEYVELI TPS-II UNIT - 1 210 MW	187
NEYVELI TPS-II UNIT - 2 210 MW	188
NEYVELI TPS-II UNIT - 3 210 MW	189
NEYVELI TPS-II UNIT - 4 210 MW	190
NEYVELI TPS-II UNIT - 5 210 MW	191
NEYVELI TPS-II UNIT - 6 210 MW	192
NEYVELI TPS-II UNIT - 7 210 MW	193
RAMAGUNDAM STPS UNIT - 1 200 MW	194

Name of the Unit	Page Number
RAMAGUNDAM STPS UNIT - 2 200 MW	195
RAMAGUNDAM STPS UNIT - 3 200 MW	196
RAMAGUNDAM STPS UNIT - 4 500 MW	197
RAMAGUNDAM STPS UNIT - 5 500 MW	198
RAMAGUNDAM STPS UNIT - 6 500 MW	199
RAMAGUNDAM STPS UNIT - 7 500 MW	200
SIMHADRI STPS UNIT - 1 500 MW	201
SIMHADRI STPS UNIT - 2 500 MW	202
SIMHADRI STPS UNIT - 3 500 MW	203
SIMHADRI STPS UNIT - 4 500 MW	204
TALCHER STPS-II UNIT - 1 500 MW	205
TALCHER STPS-II UNIT - 2 500 MW	206
TALCHER STPS-II UNIT - 3 500 MW	207
TALCHER STPS-II UNIT - 4 500 MW	208
TUTICORIN (JV) TPP (NTPL) UNIT - 1 500 MW	209
TUTICORIN (JV) TPP (NTPL) UNIT - 2 500 MW	210
VALLUR TPP UNIT - 1 500 MW	211
VALLUR TPP UNIT - 2 500 MW	212
VALLUR TPP UNIT - 3 500 MW	213
<b>INDEPENDENT POWER PRODUCERS (IPP-ISGS)</b>	
COASTAL ENERGEN UNIT - 1 600 MW	215
COASTAL ENERGEN UNIT - 2 600 MW	216
IL&FS TAMIL NADU PCL UNIT - 1 600 MW	217
IL&FS TAMIL NADU PCL UNIT - 2 600 MW	218
MEENAKSHI ENERGY LIMITED UNIT - 1 150 MW	219
MEENAKSHI ENERGY LIMITED UNIT - 2 150 MW	220
SEMBCORP ENERGY INDIA Ltd P- 1 UNIT - 1 660 MW	221
SEMBCORP ENERGY INDIA Ltd P- 1 UNIT - 2 660 MW	222
SEMBCORP ENERGY INDIA Ltd P- 2 UNIT - 1 660 MW	223
SEMBCORP ENERGY INDIA Ltd P- 2 UNIT - 2 660 MW	224
SIMHAPURI ENERGY LIMITED UNIT - 1 150 MW	225
SIMHAPURI ENERGY LIMITED UNIT - 2 150 MW	226
SIMHAPURI ENERGY LIMITED UNIT - 3 150 MW	227
SIMHAPURI ENERGY LIMITED UNIT - 4 150 MW	228
<b>ANDHRA PRADESH</b>	
DAMODARAM SANJEEVAIAH TPS UNIT - 1 800 MW	230
DAMODARAM SANJEEVAIAH TPS UNIT - 2 800 MW	231
Dr. N.TATA RAO TPS UNIT - 1 210 MW	232
Dr. N.TATA RAO TPS UNIT - 2 210 MW	233
Dr. N.TATA RAO TPS UNIT - 3 210 MW	234
Dr. N.TATA RAO TPS UNIT - 4 210 MW	235
Dr. N.TATA RAO TPS UNIT - 5 210 MW	236
Dr. N.TATA RAO TPS UNIT - 6 210 MW	237
Dr. N.TATA RAO TPS UNIT - 7 500 MW	238
RAYALASEEMA TPS UNIT - 1 210 MW	239
RAYALASEEMA TPS UNIT - 2 210 MW	240
RAYALASEEMA TPS UNIT - 3 210 MW	241
RAYALASEEMA TPS UNIT - 4 210 MW	242
RAYALASEEMA TPS UNIT - 5 210 MW	243

<b>Name of the Unit</b>	<b>Page Number</b>
VIZAG TPP UNIT - 1 520 MW	244
VIZAG TPP UNIT - 2 520 MW	245
<b>TELANGANA</b>	
KAKATIYA TPS UNIT - 1 500 MW	247
KAKATIYA TPS UNIT - 2 600 MW	248
KOTHAGUDEM TPS (NEW) UNIT - 9 250 MW	249
KOTHAGUDEM TPS (NEW) UNIT - 10 250 MW	250
KOTHAGUDEM TPS (NEW) UNIT - 11 500 MW	251
SINGARENI TPP UNIT - 1 600 MW	252
SINGARENI TPP UNIT - 2 600 MW	253
<b>KARNATAKA</b>	
BELLARY TPS UNIT - 1 500 MW	255
BELLARY TPS UNIT - 2 500 MW	256
RAICHUR TPS UNIT - 1 210 MW	257
RAICHUR TPS UNIT - 2 210 MW	258
RAICHUR TPS UNIT - 3 210 MW	259
RAICHUR TPS UNIT - 4 210 MW	260
RAICHUR TPS UNIT - 5 210 MW	261
RAICHUR TPS UNIT - 6 210 MW	262
RAICHUR TPS UNIT - 7 210 MW	263
RAICHUR TPS UNIT - 8 250 MW	264
UDUPI PCL UNIT - 1 600 MW	265
UDUPI PCL UNIT - 2 600 MW	266
<b>TAMIL NADU</b>	
METTUR TPS UNIT - 1 210 MW	268
METTUR TPS UNIT - 2 210 MW	269
METTUR TPS UNIT - 3 210 MW	270
METTUR TPS UNIT - 4 210 MW	271
METTUR TPS UNIT - 5 600 MW	272
NORTH CHENNAI TPS UNIT - 1 210 MW	273
NORTH CHENNAI TPS UNIT - 2 210 MW	274
NORTH CHENNAI TPS UNIT - 3 210 MW	275
NORTH CHENNAI TPS UNIT - 4 600 MW	276
NORTH CHENNAI TPS UNIT - 5 600 MW	277
TUTICORIN TPS UNIT - 1 210 MW	278
TUTICORIN TPS UNIT - 2 210 MW	279
TUTICORIN TPS UNIT - 3 210 MW	280
TUTICORIN TPS UNIT - 4 210 MW	281
TUTICORIN TPS UNIT - 5 210 MW	282
<b>WESTERN REGION</b>	
<b>CENTRAL GENERATING STATIONS</b>	
BHILAI TPS UNIT - 1 250 MW	285
BHILAI TPS UNIT - 2 250 MW	286
DHARIWAL TPP UNIT - 2 300 MW	287
GMR WARORA TPS UNIT - 1 300 MW	288
GMR WARORA TPS UNIT - 2 300 MW	289
JHABUA POWER TPP UNIT - 1 600 MW	290
KORBA STPS UNIT - 1 200 MW	291
KORBA STPS UNIT - 2 200 MW	292

Name of the Unit	Page Number
KORBA STPS UNIT - 3 200 MW	293
KORBA STPS UNIT - 4 500 MW	294
KORBA STPS UNIT - 5 500 MW	295
KORBA STPS UNIT - 6 500 MW	296
KORBA STPS UNIT - 7 500 MW	297
MAHAN TPP UNIT - 1 600 MW	298
MAUDA TPS UNIT - 1 500 MW	299
MAUDA TPS UNIT - 2 500 MW	300
MAUDA TPS UNIT - 3 660 MW	301
MAUDA TPS UNIT - 4 660 MW	302
MB POWER TPP UNIT - 1 600 MW	303
MB POWER TPP UNIT - 2 600 MW	304
MUNDRA UMTTP UNIT - 1 800 MW	305
MUNDRA UMTTP UNIT - 2 800 MW	306
MUNDRA UMTTP UNIT - 3 800 MW	307
MUNDRA UMTTP UNIT - 4 800 MW	308
MUNDRA UMTTP UNIT - 5 800 MW	309
NIGRI TPP UNIT - 1 660 MW	310
NIGRI TPP UNIT - 2 660 MW	311
SASAN UMTTP UNIT - 1 660 MW	312
SASAN UMTTP UNIT - 2 660 MW	313
SASAN UMTTP UNIT - 3 660 MW	314
SASAN UMTTP UNIT - 4 660 MW	315
SASAN UMTTP UNIT - 5 660 MW	316
SASAN UMTTP UNIT - 6 660 MW	317
SIPAT STPS UNIT - 1 660 MW	318
SIPAT STPS UNIT - 2 660 MW	319
SIPAT STPS UNIT - 3 660 MW	320
SIPAT STPS UNIT - 4 500 MW	321
SIPAT STPS UNIT - 5 500 MW	322
SOLAPUR TPP UNIT - 1 660 MW	323
VINDHYACHAL STPS UNIT - 1 210 MW	324
VINDHYACHAL STPS UNIT - 2 210 MW	325
VINDHYACHAL STPS UNIT - 3 210 MW	326
VINDHYACHAL STPS UNIT - 4 210 MW	327
VINDHYACHAL STPS UNIT - 5 210 MW	328
VINDHYACHAL STPS UNIT - 6 210 MW	329
VINDHYACHAL STPS UNIT - 7 500 MW	330
VINDHYACHAL STPS UNIT - 8 500 MW	331
VINDHYACHAL STPS UNIT - 9 500 MW	332
VINDHYACHAL STPS UNIT - 10 500 MW	333
VINDHYACHAL STPS UNIT - 11 500 MW	334
VINDHYACHAL STPS UNIT - 12 500 MW	335
VINDHYACHAL STPS UNIT - 13 500 MW	336
<b>INDEPENDENT POWER PRODUCERS (IPP-ISGS)</b>	
ACBIL TPP UNIT - 1 300	338
BALCO TPS UNIT - 1 300	339
BALCO TPS UNIT - 2 300	340
BALCO TPS UNIT - 3 300	341



<b>Name of the Unit</b>	<b>Page Number</b>
BALCO TPS UNIT - 4 300	342
DB POWER TPS UNIT - 1 600	343
DB POWER TPS UNIT - 2 600	344
GMR CHHATTISGARH TPP UNIT - 1 685	345
GMR CHHATTISGARH TPP UNIT - 2 685	346
KSK MAHANADI TPS UNIT - 3 600	347
KSK MAHANADI TPS UNIT - 4 600	348
LANCO AMARKANTAK TPS UNIT - 1 300	349
LANCO AMARKANTAK TPS UNIT - 2 300	350
OP JINDAL TPS UNIT - 1 250	351
OP JINDAL TPS UNIT - 2 250	352
OP JINDAL TPS UNIT - 3 250	353
OP JINDAL TPS UNIT - 4 250	354
RKM POWER UNIT - 1 360	355
TAMNAR TPP UNIT - 1 600	356
TAMNAR TPP UNIT - 2 600	357
TRN ENERGY TPP UNIT - 1 300	358
<b>CHATTISGARH</b>	
KORBA-EAST EXT TPS UNIT - 1 250 MW	360
KORBA-EAST EXT TPS UNIT - 2 250 MW	361
KORBA-WEST EXT TPS UNIT - 1 500 MW	362
KORBA-WEST TPS UNIT - 1 210 MW	363
KORBA-WEST TPS UNIT - 2 210 MW	364
KORBA-WEST TPS UNIT - 3 210 MW	365
KORBA-WEST TPS UNIT - 4 210 MW	366
MARWA TPS UNIT - 1 500 MW	367
MARWA TPS UNIT - 2 500 MW	368
<b>GUJARAT</b>	
BHAVNAGAR CFBC TPP UNIT - 1 250 MW	370
ESSAR VADINAR(EPGL) UNIT - 1 600 MW	371
ESSAR VADINAR(EPGL) UNIT - 2 600 MW	372
GANDHI NAGAR TPS UNIT - 3 210 MW	373
GANDHI NAGAR TPS UNIT - 4 210 MW	374
GANDHI NAGAR TPS UNIT - 5 210 MW	375
MUNDRA TPS UNIT - 1 330 MW	376
MUNDRA TPS UNIT - 2 330 MW	377
MUNDRA TPS UNIT - 3 330 MW	378
MUNDRA TPS UNIT - 4 330 MW	379
MUNDRA TPS UNIT - 5 660 MW	380
MUNDRA TPS UNIT - 6 660 MW	381
MUNDRA TPS UNIT - 7 660 MW	382
MUNDRA TPS UNIT - 8 660 MW	383
MUNDRA TPS UNIT - 9 660 MW	384
SIKKA REP TPS UNIT - 3 250 MW	385
SIKKA REP TPS UNIT - 4 250 MW	386
UKAI TPS UNIT - 3 200 MW	387
UKAI TPS UNIT - 4 200 MW	388
UKAI TPS UNIT - 5 210 MW	389
UKAI TPS UNIT - 6 500 MW	390

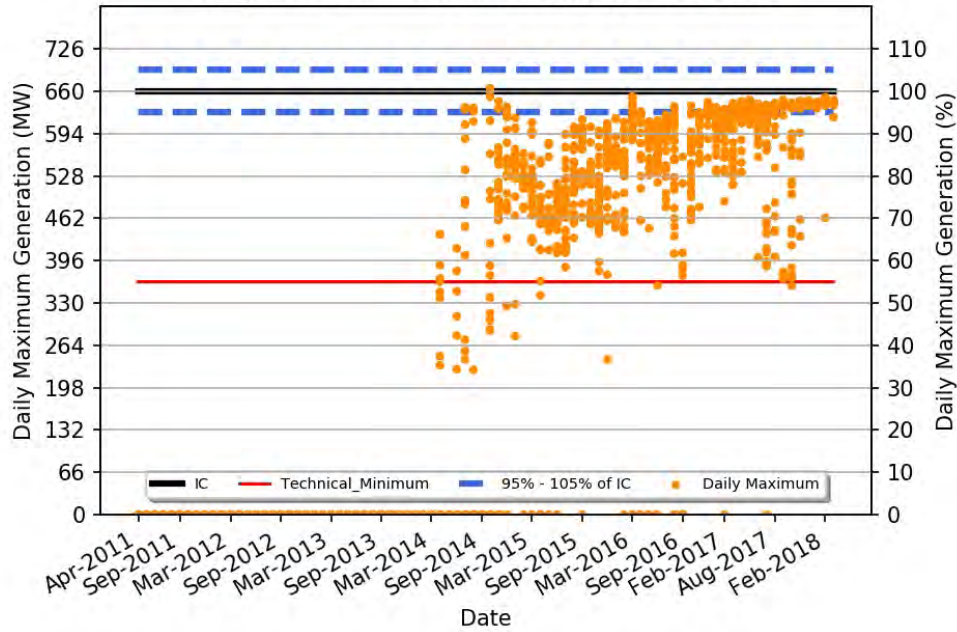
<b>Name of the Unit</b>	<b>Page Number</b>
WANAKBORI TPS UNIT - 1 210 MW	391
WANAKBORI TPS UNIT - 2 210 MW	392
WANAKBORI TPS UNIT - 3 210 MW	393
WANAKBORI TPS UNIT - 4 210 MW	394
WANAKBORI TPS UNIT - 5 210 MW	395
WANAKBORI TPS UNIT - 6 210 MW	396
WANAKBORI TPS UNIT - 7 210 MW	397
<b>MADHYA PRADESH</b>	
AMARKANTAK TPS UNIT - 1 210 MW	399
BINA TPS UNIT - 1 250 MW	400
BINA TPS UNIT - 2 250 MW	401
SANJAY GANDHI TPS UNIT - 1 210 MW	402
SANJAY GANDHI TPS UNIT - 2 210 MW	403
SANJAY GANDHI TPS UNIT - 3 210 MW	404
SANJAY GANDHI TPS UNIT - 4 210 MW	405
SANJAY GANDHI TPS UNIT - 5 500 MW	406
SATPURA TPS UNIT - 6 200 MW	407
SATPURA TPS UNIT - 7 210 MW	408
SATPURA TPS UNIT - 8 210 MW	409
SATPURA TPS UNIT - 9 210 MW	410
SATPURA TPS UNIT - 10 250 MW	411
SATPURA TPS UNIT - 11 250 MW	412
SHREE SINGAJI TPP UNIT - 1 600 MW	413
SHREE SINGAJI TPP UNIT - 2 600 MW	414
<b>MAHARASHTRA</b>	
AMARAVATI TPS UNIT - 1 270 MW	416
AMARAVATI TPS UNIT - 2 270 MW	417
AMARAVATI TPS UNIT - 3 270 MW	418
AMARAVATI TPS UNIT - 4 270 MW	419
AMARAVATI TPS UNIT - 5 270 MW	420
BHUSAWAL TPS UNIT - 3 210 MW	421
BHUSAWAL TPS UNIT - 4 500 MW	422
BHUSAWAL TPS UNIT - 5 500 MW	423
BUTIBORI TPP UNIT - 1 300 MW	424
BUTIBORI TPP UNIT - 2 300 MW	425
CHANDRAPUR(MAHARASHTRA) STPS UNIT - 3 210 MW	426
CHANDRAPUR(MAHARASHTRA) STPS UNIT - 4 210 MW	427
CHANDRAPUR(MAHARASHTRA) STPS UNIT - 5 500 MW	428
CHANDRAPUR(MAHARASHTRA) STPS UNIT - 6 500 MW	429
CHANDRAPUR(MAHARASHTRA) STPS UNIT - 7 500 MW	430
CHANDRAPUR(MAHARASHTRA) STPS UNIT - 8 500 MW	431
CHANDRAPUR(MAHARASHTRA) STPS UNIT - 9 500 MW	432
DAHANU TPS UNIT - 1 250 MW	433
DAHANU TPS UNIT - 2 250 MW	434
JSW RATNAGIRI TPP UNIT - 1 300 MW	435
JSW RATNAGIRI TPP UNIT - 2 300 MW	436
JSW RATNAGIRI TPP UNIT - 3 300 MW	437
JSW RATNAGIRI TPP UNIT - 4 300 MW	438
KHAPARKHEDA TPS UNIT - 1 210 MW	439

<b>Name of the Unit</b>	<b>Page Number</b>
KHAPARKHEDA TPS UNIT - 2 210 MW	440
KHAPARKHEDA TPS UNIT - 3 210 MW	441
KHAPARKHEDA TPS UNIT - 4 210 MW	442
KHAPARKHEDA TPS UNIT - 5 500 MW	443
KORADI TPS UNIT - 6 210 MW	444
KORADI TPS UNIT - 7 210 MW	445
KORADI TPS UNIT - 8 660 MW	446
KORADI TPS UNIT - 9 660 MW	447
KORADI TPS UNIT - 10 660 MW	448
NASIK TPS UNIT - 3 210 MW	449
NASIK TPS UNIT - 4 210 MW	450
NASIK TPS UNIT - 5 210 MW	451
PARAS TPS UNIT - 3 250 MW	452
PARAS TPS UNIT - 4 250 MW	453
PARLI TPS UNIT - 4 210 MW	454
PARLI TPS UNIT - 5 210 MW	455
PARLI TPS UNIT - 6 250 MW	456
PARLI TPS UNIT - 7 250 MW	457
TIRORA TPS UNIT - 1 660 MW	458
TIRORA TPS UNIT - 2 660 MW	459
TIRORA TPS UNIT - 3 660 MW	460
TIRORA TPS UNIT - 4 660 MW	461
TIRORA TPS UNIT - 5 660 MW	462
TROMBAY TPS UNIT - 5 500 MW	463
TROMBAY TPS UNIT - 6 500 MW	464
TROMBAY TPS UNIT - 8 250 MW	465

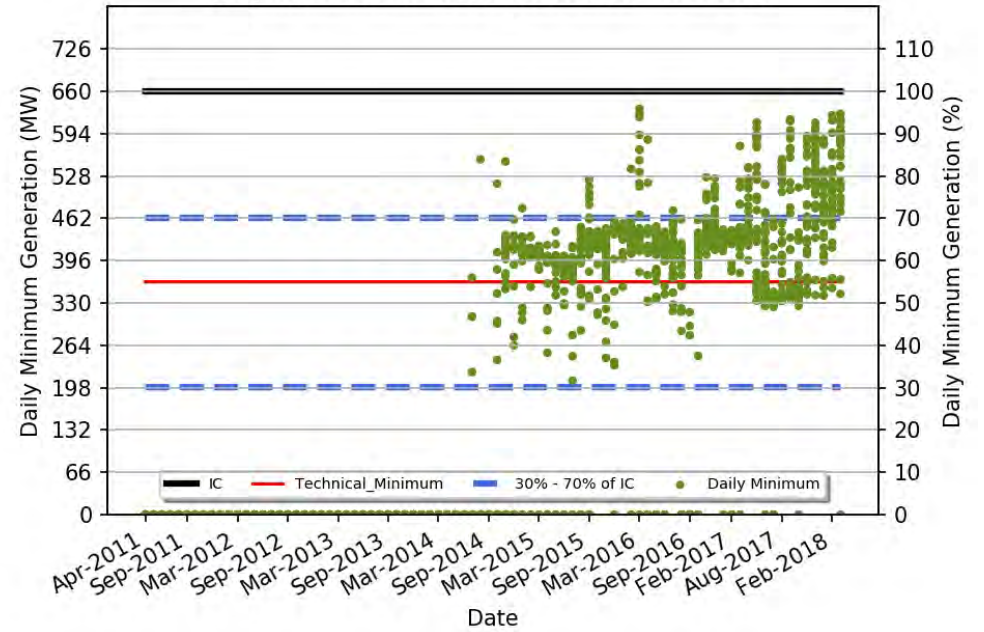
# EASTERN REGION

# CENTRAL GENERATION STATIONS

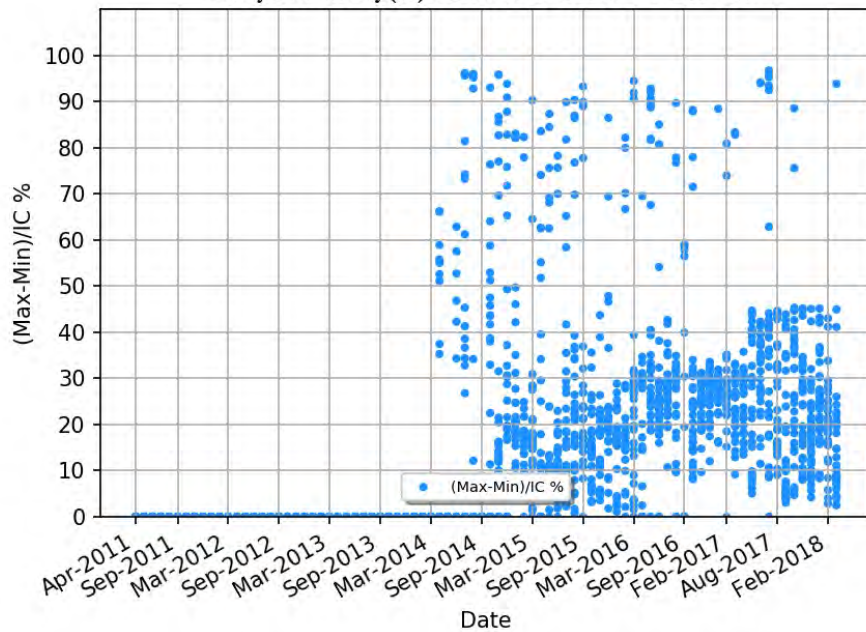
Daily Max Generation : BARH II UNIT - 4 660 MW



Daily Min Generation : BARH II UNIT - 4 660 MW



Daily Flexibility(%) : BARH II UNIT - 4 660 MW

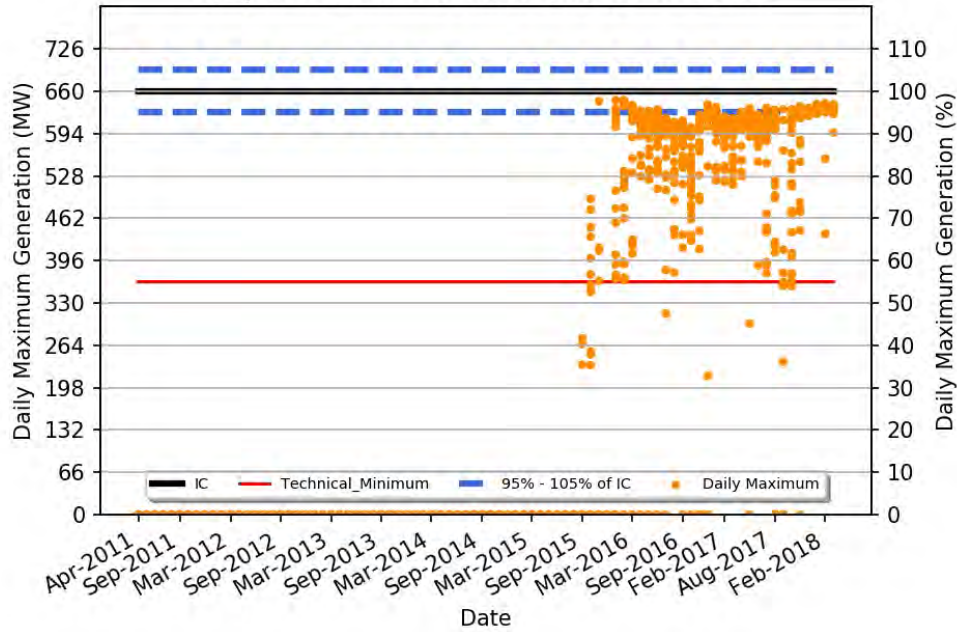


**BARH II UNIT - 4 660 MW**

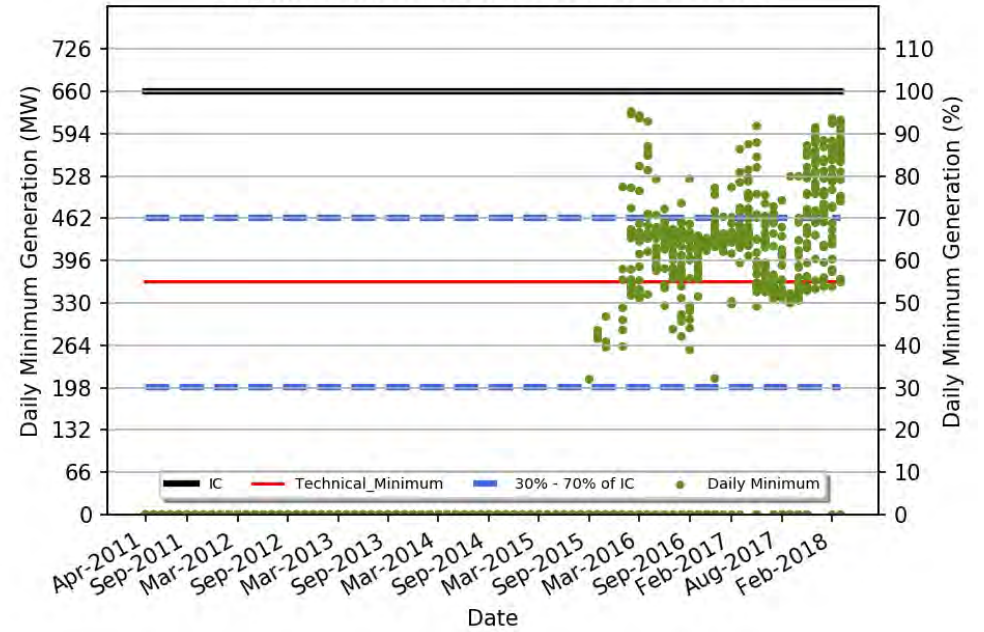
<b>Region</b>	<b>: Eastern Region</b>
<b>Number of Days Considered</b>	<b>: 1154</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 27 (%)</b>
<i>(% of total days in operation)</i>	
<b>No. Of Days Min Generation Achieved</b>	<b>: 74 (%)</b>
<i>(% of total days in operation)</i>	
<b>Average Flexibility</b>	<b>: 26 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 567</b>
<b>Daily Average (MW)</b>	<b>: 487</b>
<b>Average Daily Min (MW)</b>	<b>: 395</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 85</b>
<b>Daily Average/IC (%)</b>	<b>: 73</b>
<b>Average Daily Min/IC (%)</b>	<b>: 59</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 234</b>
<b>Number Of Beneficiaries</b>	<b>: 5</b>



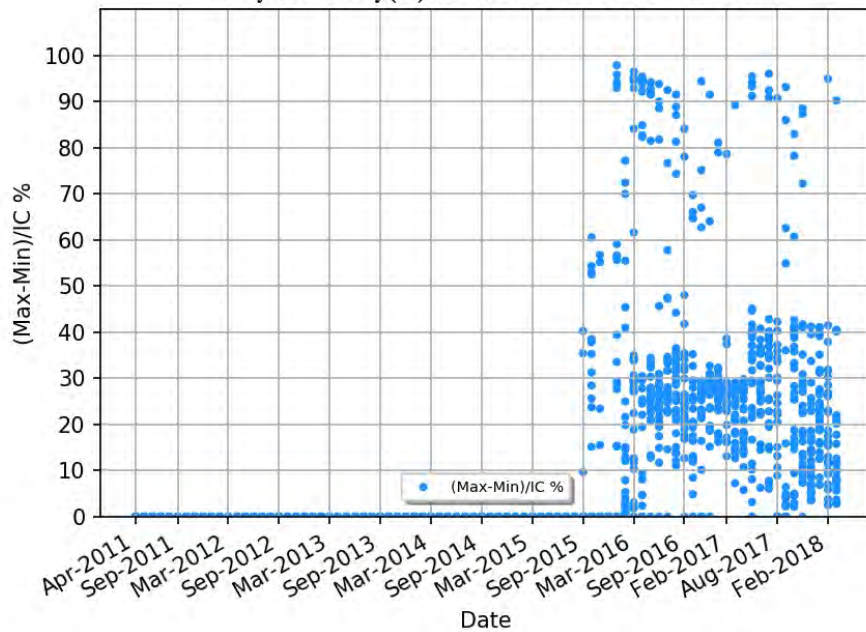
Daily Max Generation : BARH II UNIT - 5 660 MW



Daily Min Generation : BARH II UNIT - 5 660 MW



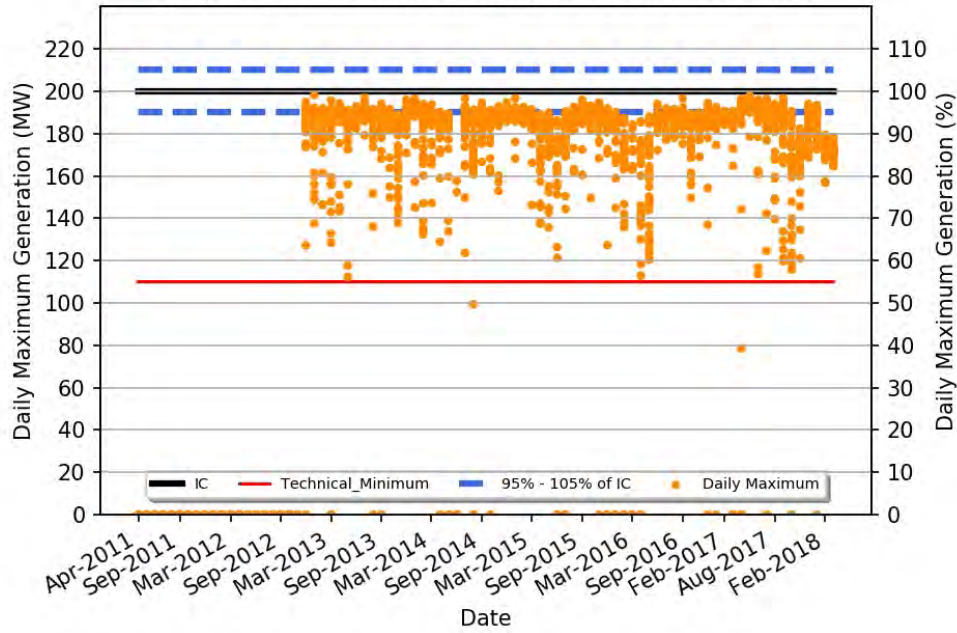
Daily Flexibility(%) : BARH II UNIT - 5 660 MW



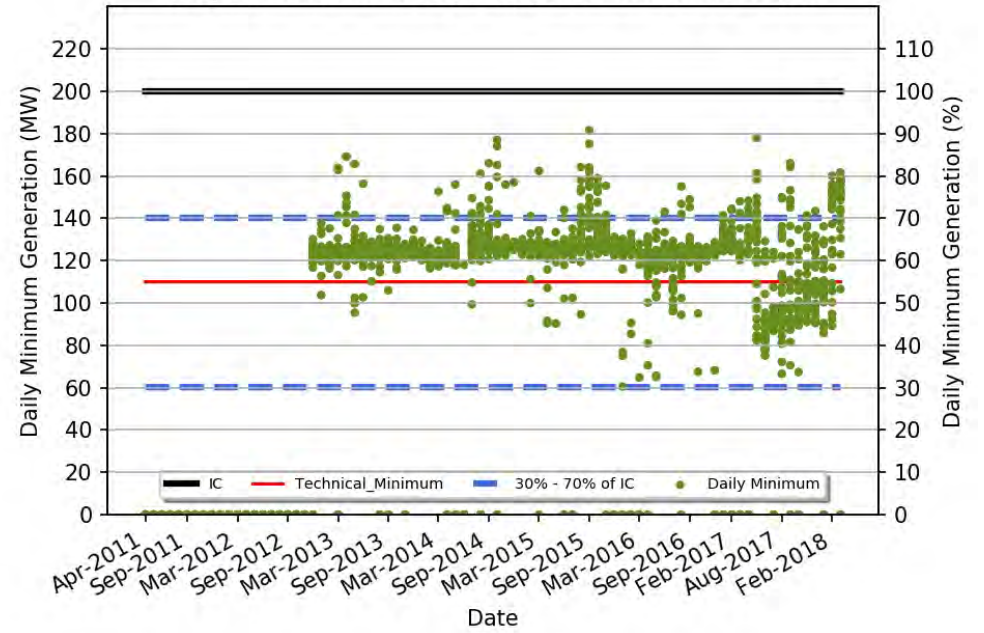
**BARH II UNIT - 5 660 MW**

<b>Region</b>	<b>: Eastern Region</b>
<b>Number of Days Considered</b>	<b>: 726</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 20 (%)</b>
<i>(% of total days in operation)</i>	
<b>No. Of Days Min Generation Achieved</b>	<b>: 68 (%)</b>
<i>(% of total days in operation)</i>	
<b>Average Flexibility</b>	<b>: 28 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 581</b>
<b>Daily Average (MW)</b>	<b>: 495</b>
<b>Average Daily Min (MW)</b>	<b>: 392</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 88</b>
<b>Daily Average/IC (%)</b>	<b>: 75</b>
<b>Average Daily Min/IC (%)</b>	<b>: 59</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 234</b>
<b>Number Of Beneficiaries</b>	<b>: 5</b>

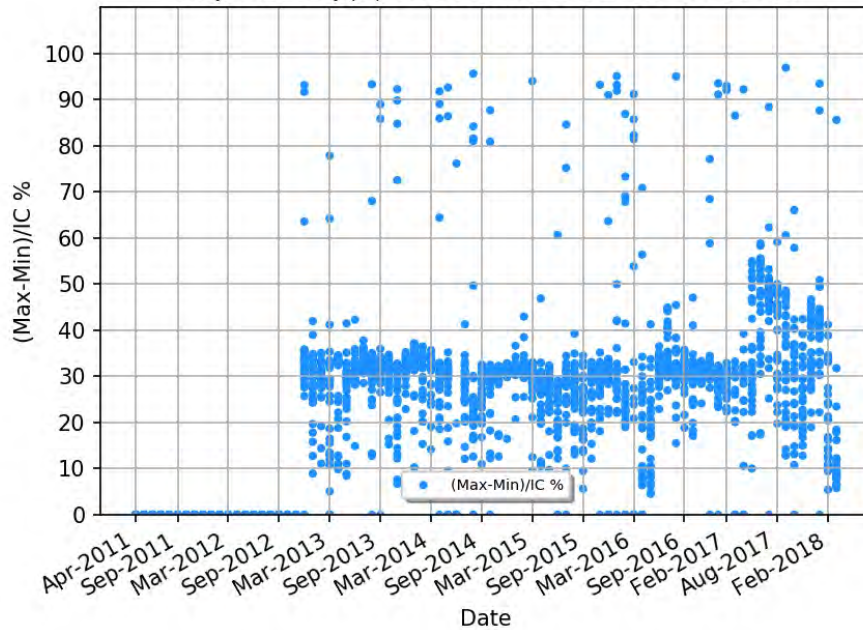
Daily Max Generation : FARAKKA STPS UNIT - 1 200 MW



Daily Min Generation : FARAKKA STPS UNIT - 1 200 MW



Daily Flexibility(%) : FARAKKA STPS UNIT - 1 200 MW

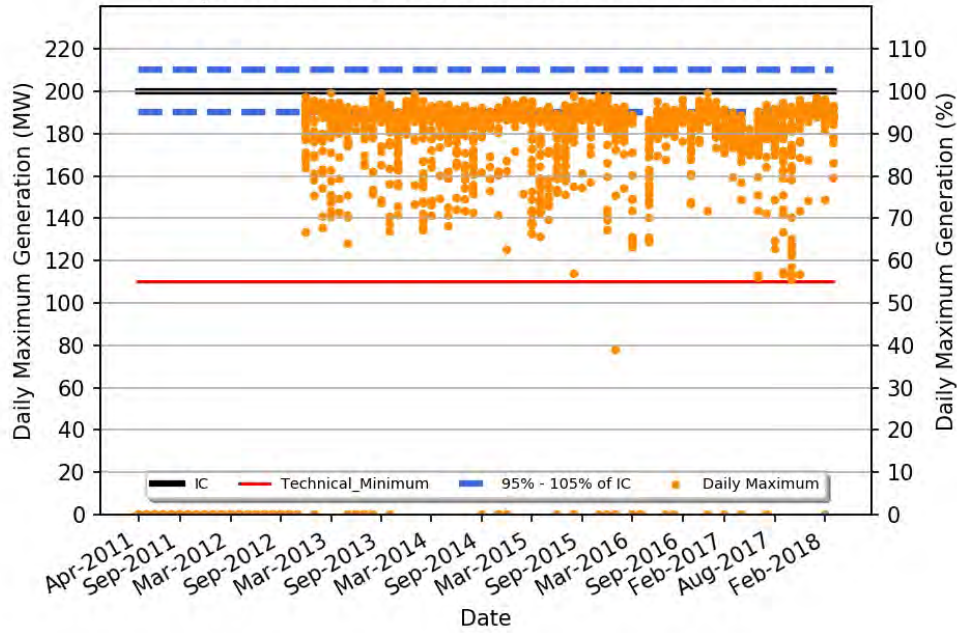


**FARAKKA STPS UNIT - 1 200 MW**

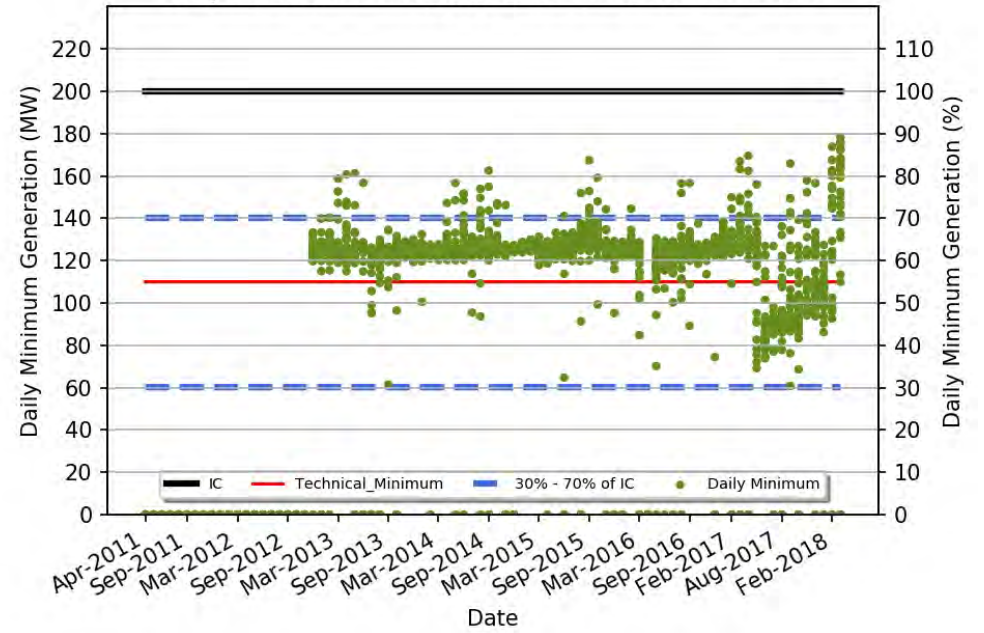
<b>Region</b>	<b>: Eastern Region</b>
<b>Number of Days Considered</b>	<b>: 1790</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 22 (%)</b>
(% of total days in operation)	
<b>No. Of Days Min Generation Achieved</b>	<b>: 89 (%)</b>
(% of total days in operation)	
<b>Average Flexibility</b>	<b>: 30 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 181</b>
<b>Daily Average (MW)</b>	<b>: 150</b>
<b>Average Daily Min (MW)</b>	<b>: 120</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 90</b>
<b>Daily Average/IC (%)</b>	<b>: 75</b>
<b>Average Daily Min/IC (%)</b>	<b>: 60</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 240</b>
<b>Number Of Beneficiaries</b>	<b>: 17</b>



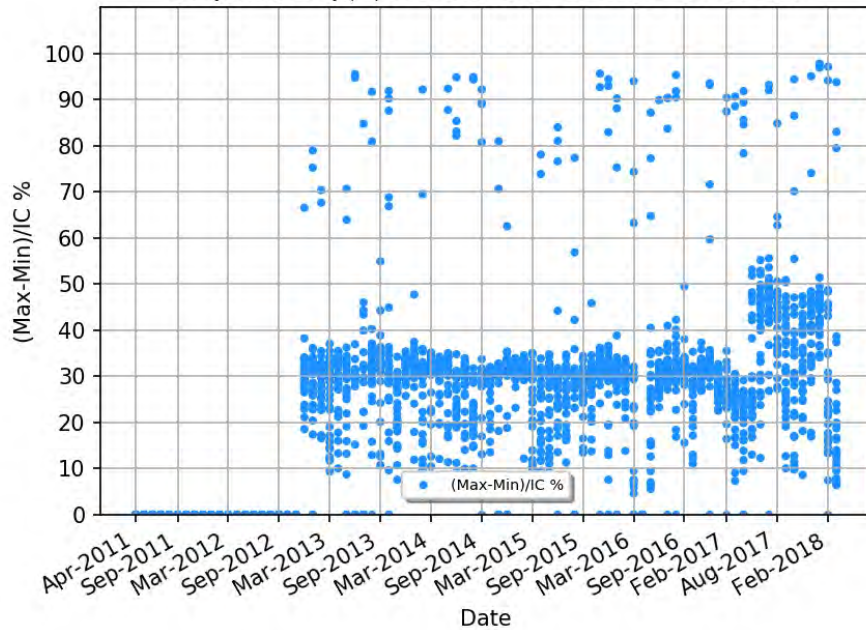
Daily Max Generation : FARAKKA STPS UNIT - 2 200 MW



Daily Min Generation : FARAKKA STPS UNIT - 2 200 MW



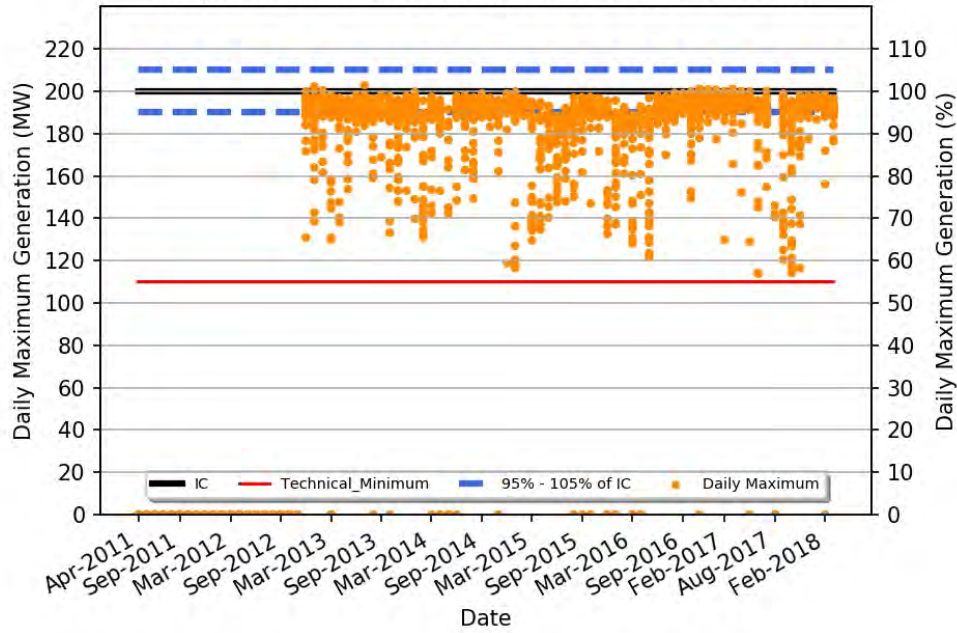
Daily Flexibility(%) : FARAKKA STPS UNIT - 2 200 MW



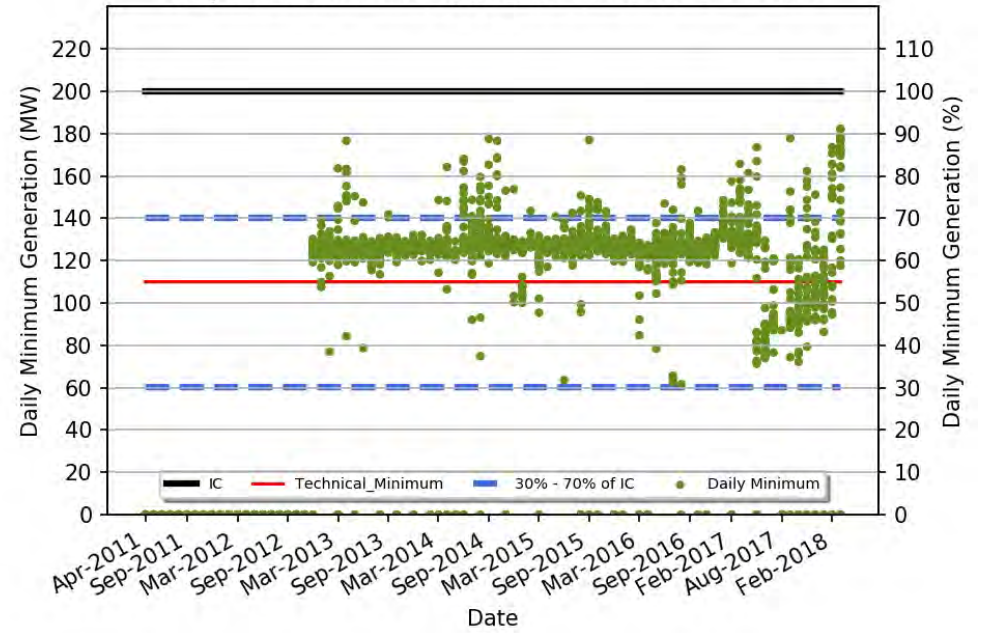
**FARAKKA STPS UNIT - 2 200 MW**

<b>Region</b>	<b>: Eastern Region</b>
<b>Number of Days Considered</b>	<b>: 1782</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 26 (%)</b>
(% of total days in operation)	
<b>No. Of Days Min Generation Achieved</b>	<b>: 90 (%)</b>
(% of total days in operation)	
<b>Average Flexibility</b>	<b>: 31 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 181</b>
<b>Daily Average (MW)</b>	<b>: 149</b>
<b>Average Daily Min (MW)</b>	<b>: 119</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 90</b>
<b>Daily Average/IC (%)</b>	<b>: 74</b>
<b>Average Daily Min/IC (%)</b>	<b>: 59</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 240</b>
<b>Number Of Beneficiaries</b>	<b>: 17</b>

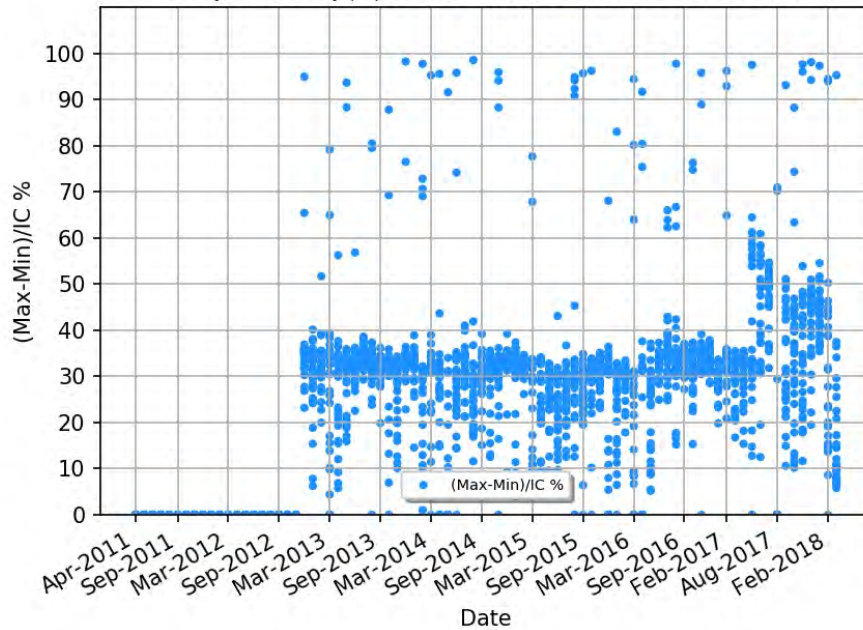
Daily Max Generation : FARAKKA STPS UNIT - 3 200 MW



Daily Min Generation : FARAKKA STPS UNIT - 3 200 MW



Daily Flexibility(%) : FARAKKA STPS UNIT - 3 200 MW

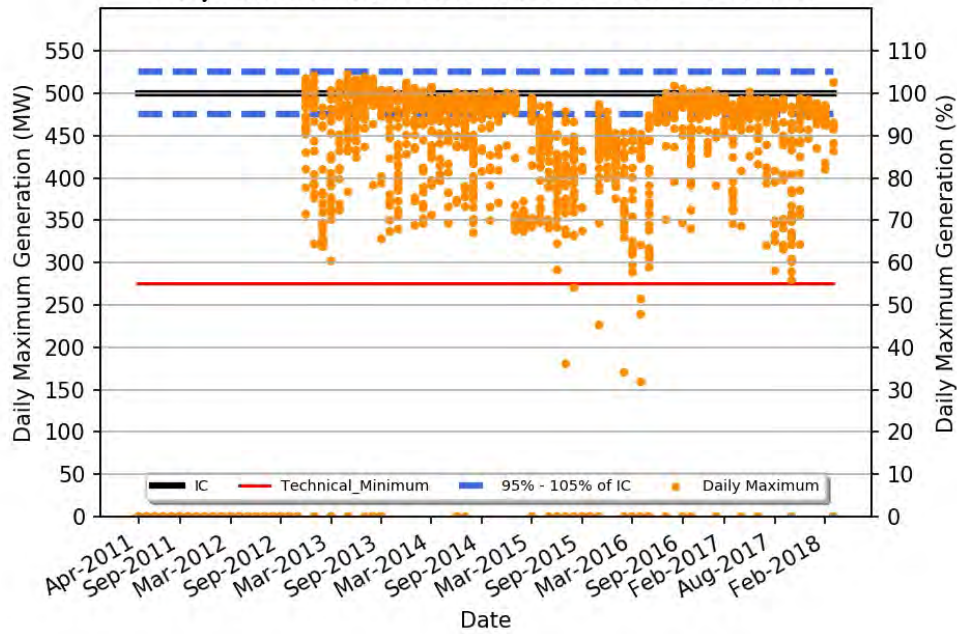


**FARAKKA STPS UNIT - 3 200 MW**

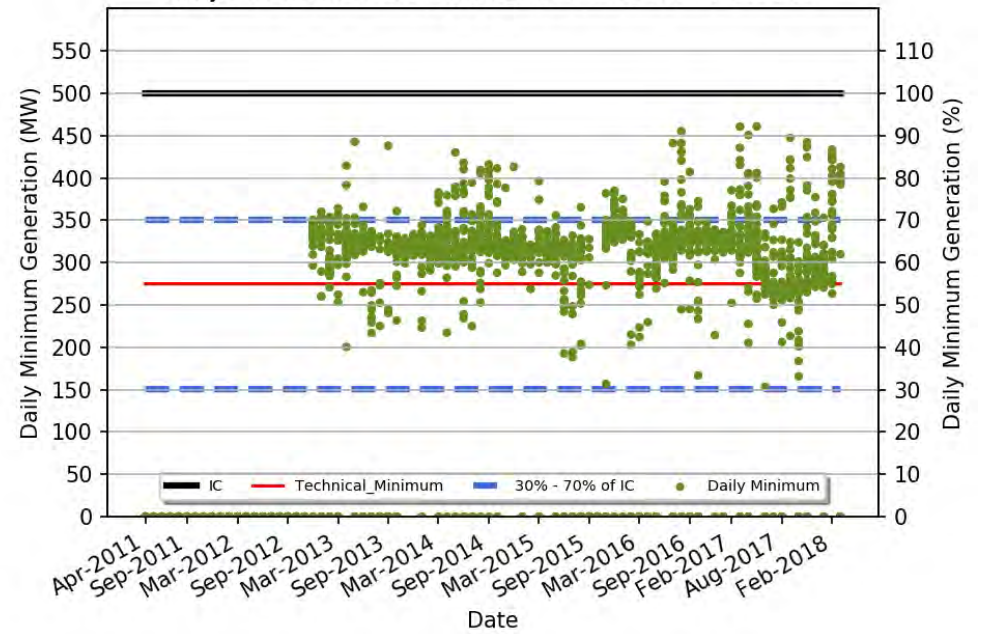
<b>Region</b>	<b>: Eastern Region</b>
<b>Number of Days Considered</b>	<b>: 1817</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 58 (%)</b>
<b>(% of total days in operation)</b>	
<b>No. Of Days Min Generation Achieved</b>	<b>: 88 (%)</b>
<b>(% of total days in operation)</b>	
<b>Average Flexibility</b>	<b>: 32 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 185</b>
<b>Daily Average (MW)</b>	<b>: 152</b>
<b>Average Daily Min (MW)</b>	<b>: 121</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 92</b>
<b>Daily Average/IC (%)</b>	<b>: 76</b>
<b>Average Daily Min/IC (%)</b>	<b>: 60</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 240</b>
<b>Number Of Beneficiaries</b>	<b>: 17</b>



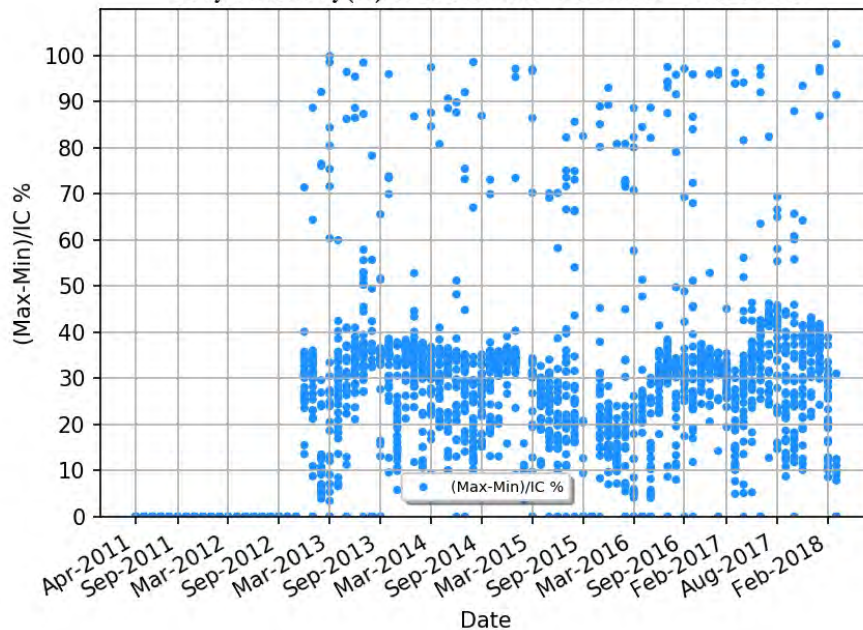
Daily Max Generation : FARAKKA STPS UNIT - 4 500 MW



Daily Min Generation : FARAKKA STPS UNIT - 4 500 MW



Daily Flexibility(%) : FARAKKA STPS UNIT - 4 500 MW

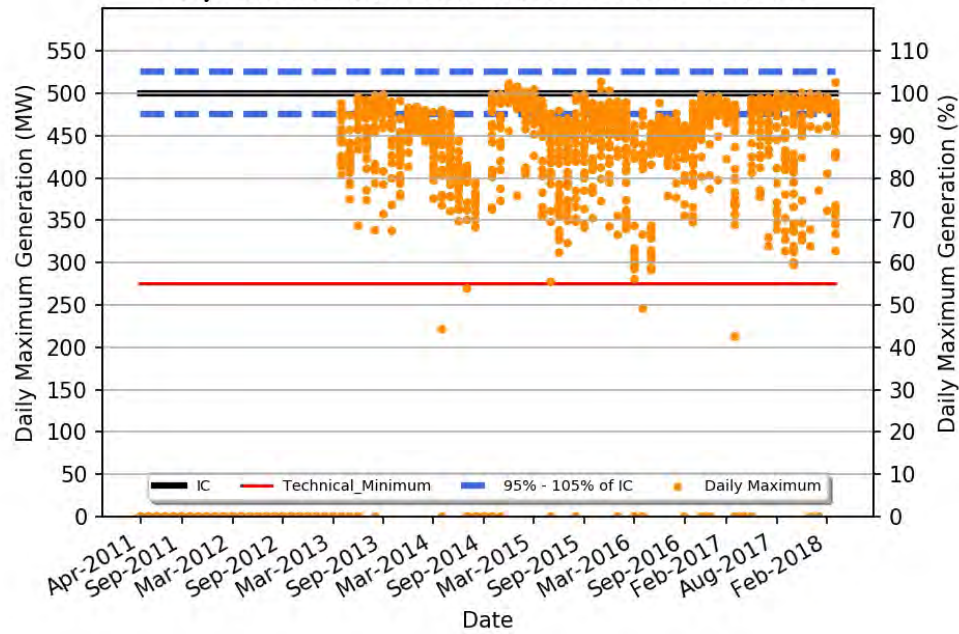


**FARAKKA STPS UNIT - 4 500 MW**

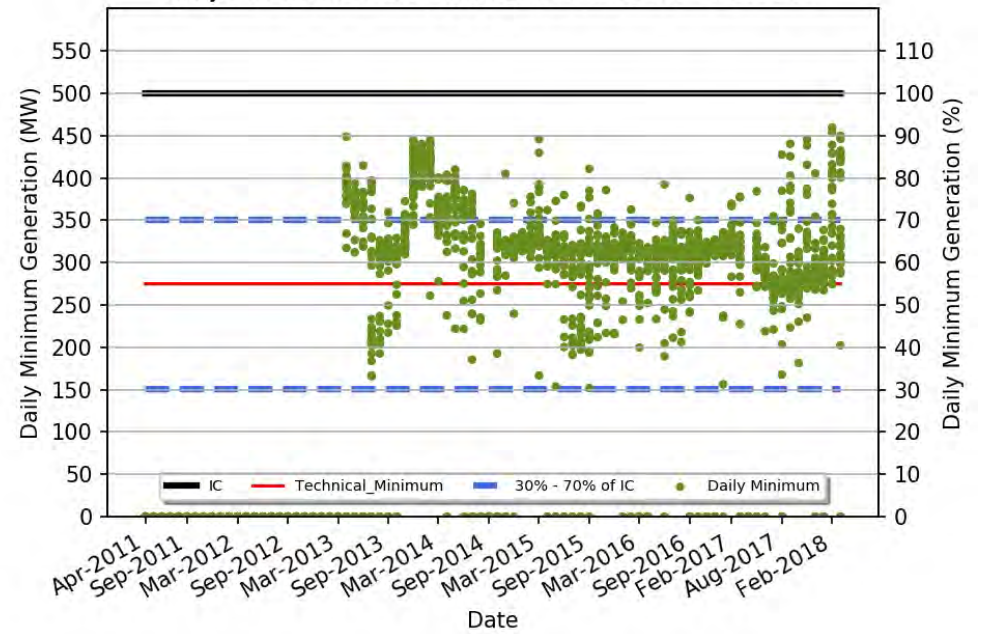
<b>Region</b>	<b>: Eastern Region</b>
<b>Number of Days Considered</b>	<b>: 1693</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 52 (%)</b>
(% of total days in operation)	
<b>No. Of Days Min Generation Achieved</b>	<b>: 83 (%)</b>
(% of total days in operation)	
<b>Average Flexibility</b>	<b>: 30 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 453</b>
<b>Daily Average (MW)</b>	<b>: 377</b>
<b>Average Daily Min (MW)</b>	<b>: 302</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 90</b>
<b>Daily Average/IC (%)</b>	<b>: 75</b>
<b>Average Daily Min/IC (%)</b>	<b>: 60</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 240</b>
<b>Number Of Beneficiaries</b>	<b>: 17</b>



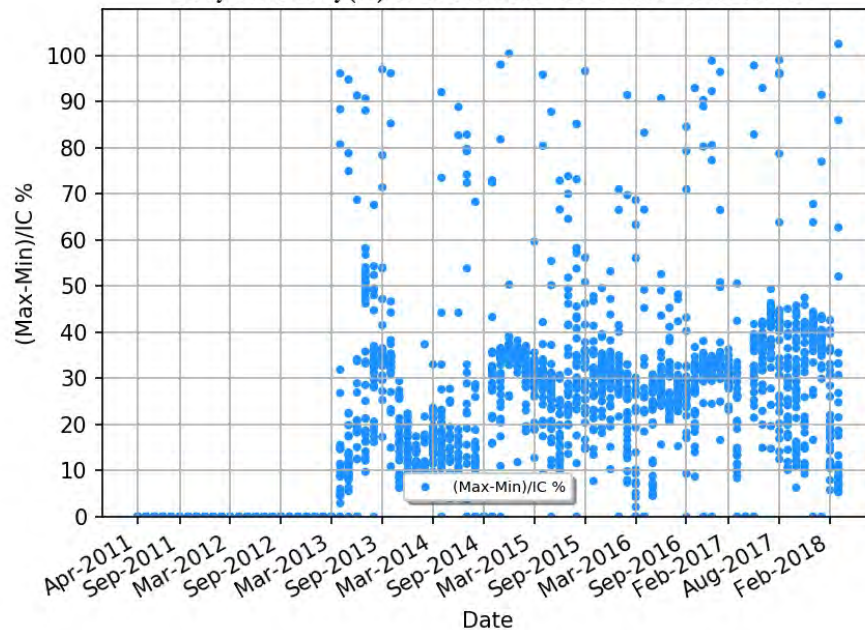
Daily Max Generation : FARAKKA STPS UNIT - 5 500 MW



Daily Min Generation : FARAKKA STPS UNIT - 5 500 MW



Daily Flexibility(%) : FARAKKA STPS UNIT - 5 500 MW

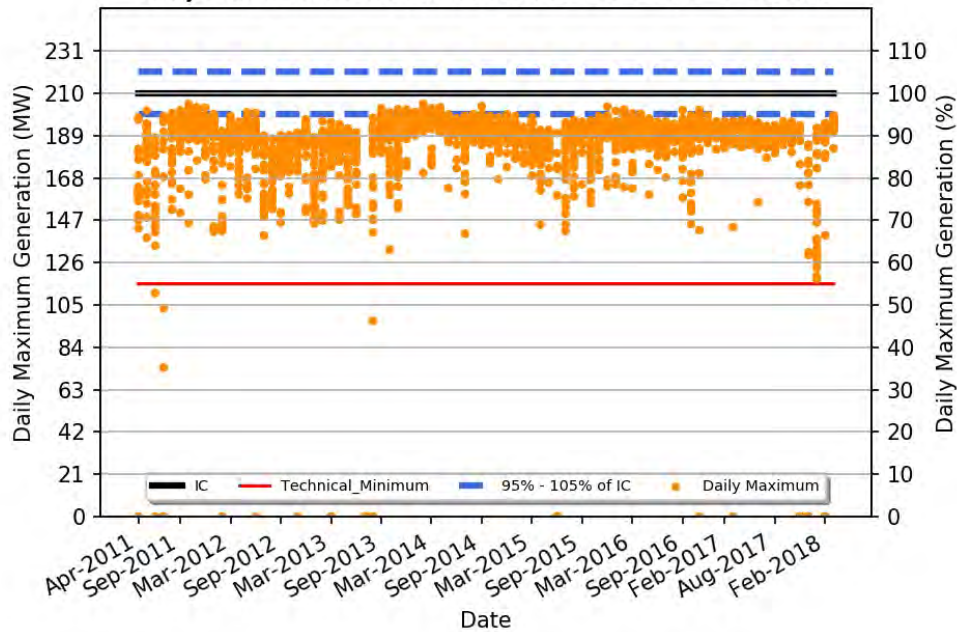


**FARAKKA STPS UNIT - 5 500 MW**

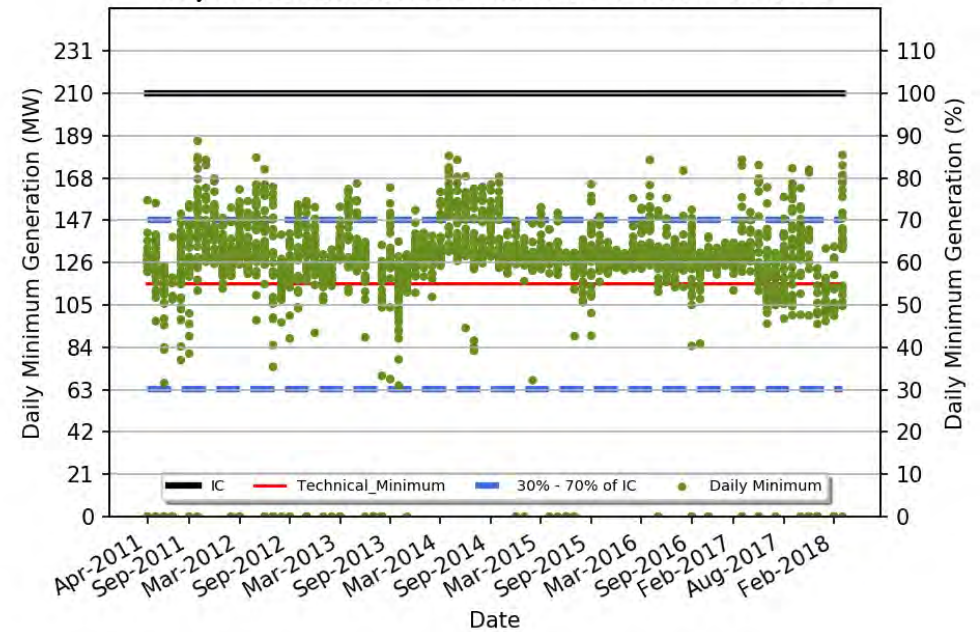
<b>Region</b>	<b>: Eastern Region</b>
<b>Number of Days Considered</b>	<b>: 1622</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 36 (%)</b>
(% of total days in operation)	
<b>No. Of Days Min Generation Achieved</b>	<b>: 77 (%)</b>
(% of total days in operation)	
<b>Average Flexibility</b>	<b>: 28 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 449</b>
<b>Daily Average (MW)</b>	<b>: 378</b>
<b>Average Daily Min (MW)</b>	<b>: 307</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 89</b>
<b>Daily Average/IC (%)</b>	<b>: 75</b>
<b>Average Daily Min/IC (%)</b>	<b>: 61</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 240</b>
<b>Number Of Beneficiaries</b>	<b>: 17</b>



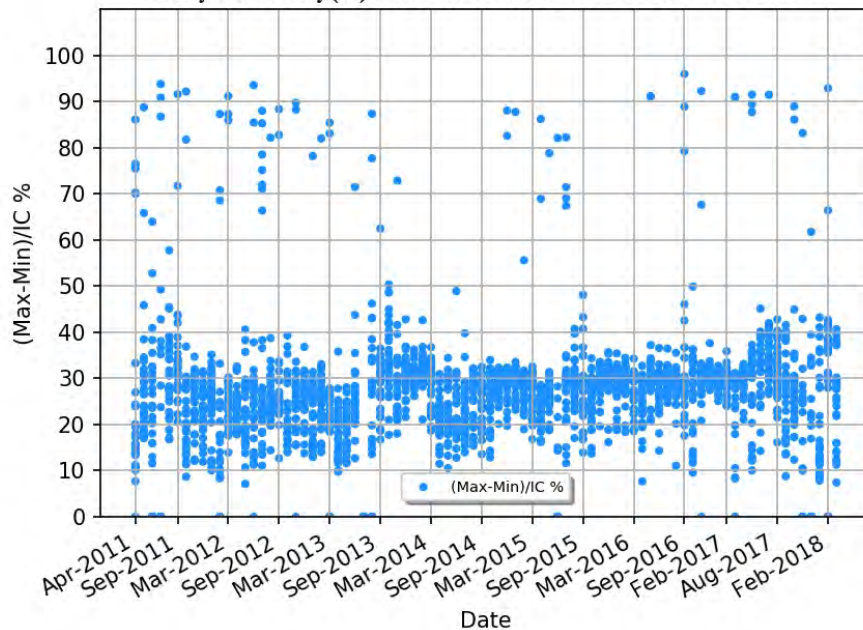
Daily Max Generation : KAHALGAON TPS UNIT - 1 210 MW



Daily Min Generation : KAHALGAON TPS UNIT - 1 210 MW



Daily Flexibility(%) : KAHALGAON TPS UNIT - 1 210 MW

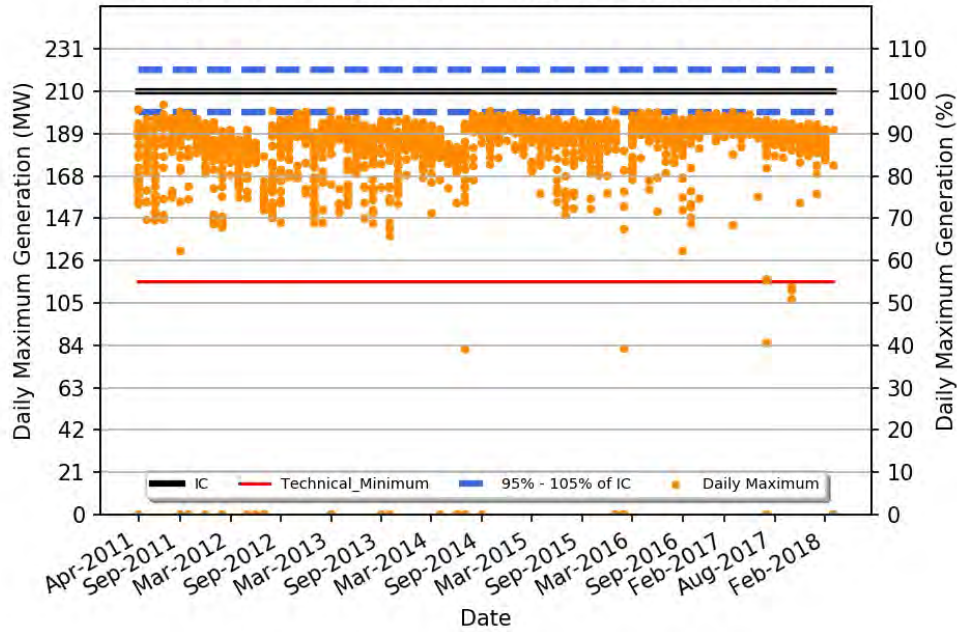


### KAHALGAON TPS UNIT - 1 210 MW

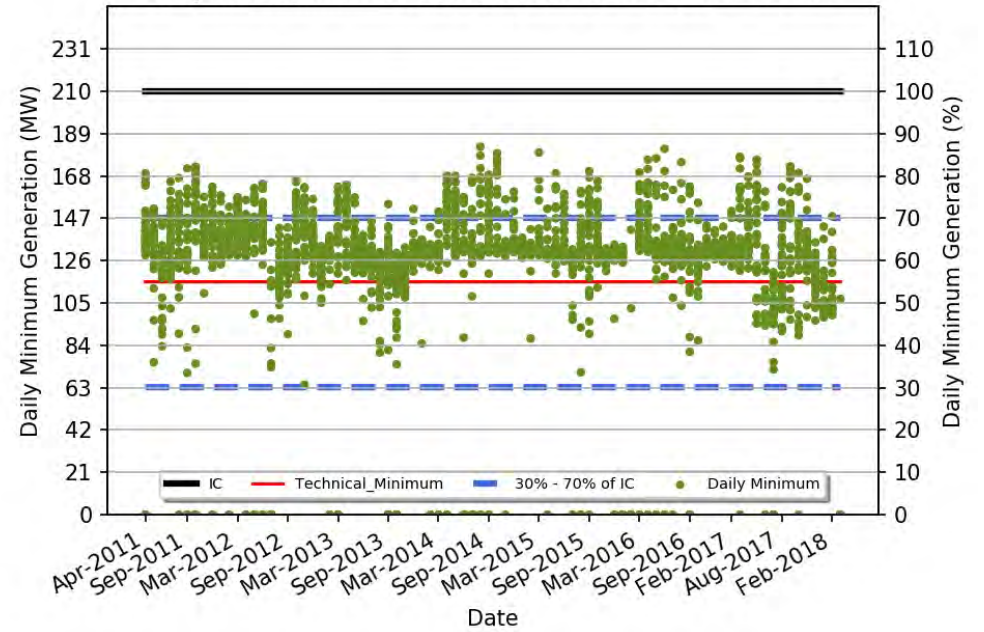
Region	: Eastern Region
Number of Days Considered	: 2369
No. Of Days Max Generation Achieved	: 4 (%)
(% of total days in operation)	
No. Of Days Min Generation Achieved	: 85 (%)
(% of total days in operation)	
Average Flexibility	: 27 (%)
Average Daily Max (MW)	: 186
Daily Average (MW)	: 158
Average Daily Min (MW)	: 127
Average Daily Max/ IC (%)	: 88
Daily Average/IC (%)	: 75
Average Daily Min/IC (%)	: 60
Variable Charge (Paisa/kWh)	: 241
Number Of Beneficiaries	: 23



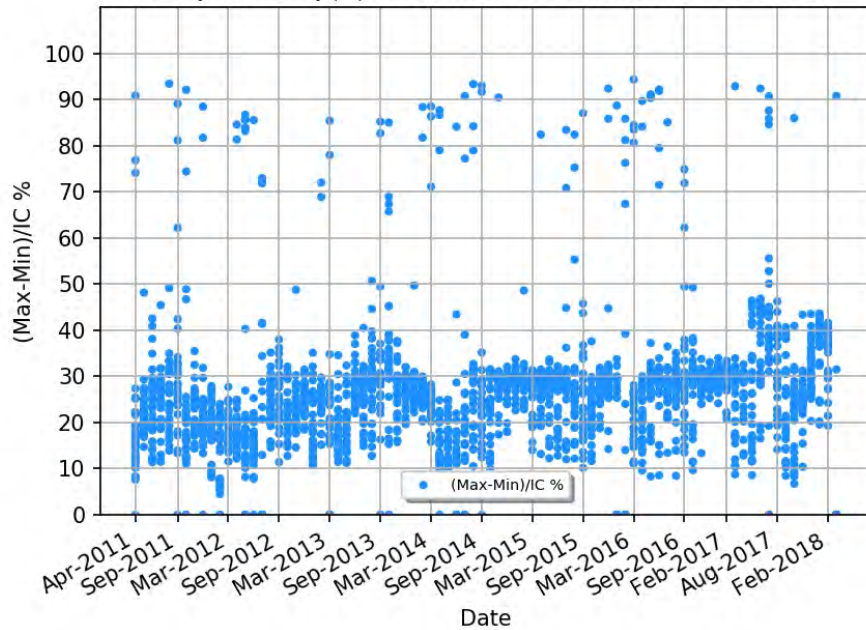
Daily Max Generation : KAHALGAON TPS UNIT - 2 210 MW



Daily Min Generation : KAHALGAON TPS UNIT - 2 210 MW



Daily Flexibility(%): KAHALGAON TPS UNIT - 2 210 MW

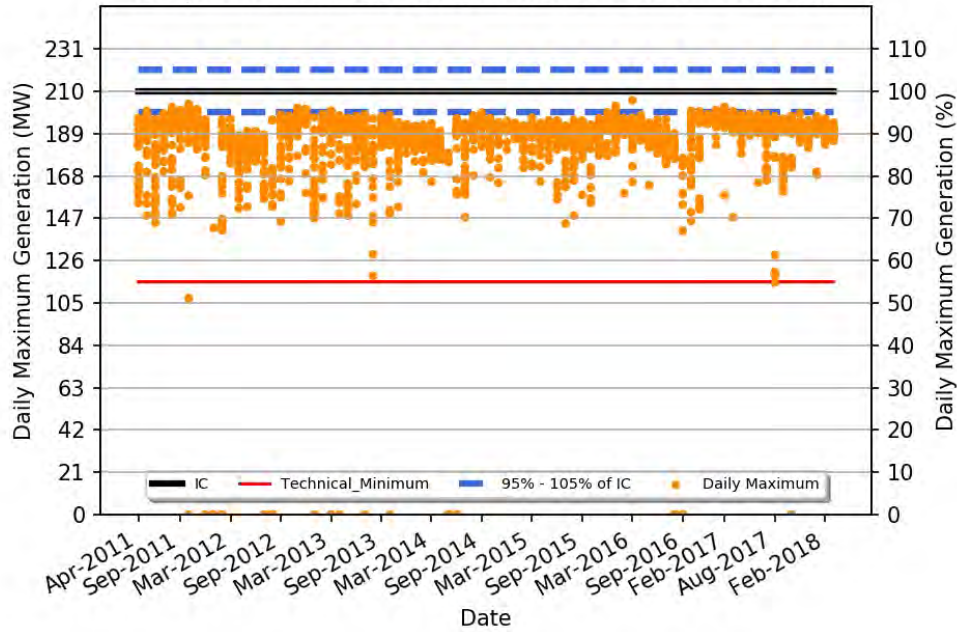


### KAHALGAON TPS UNIT - 2 210 MW

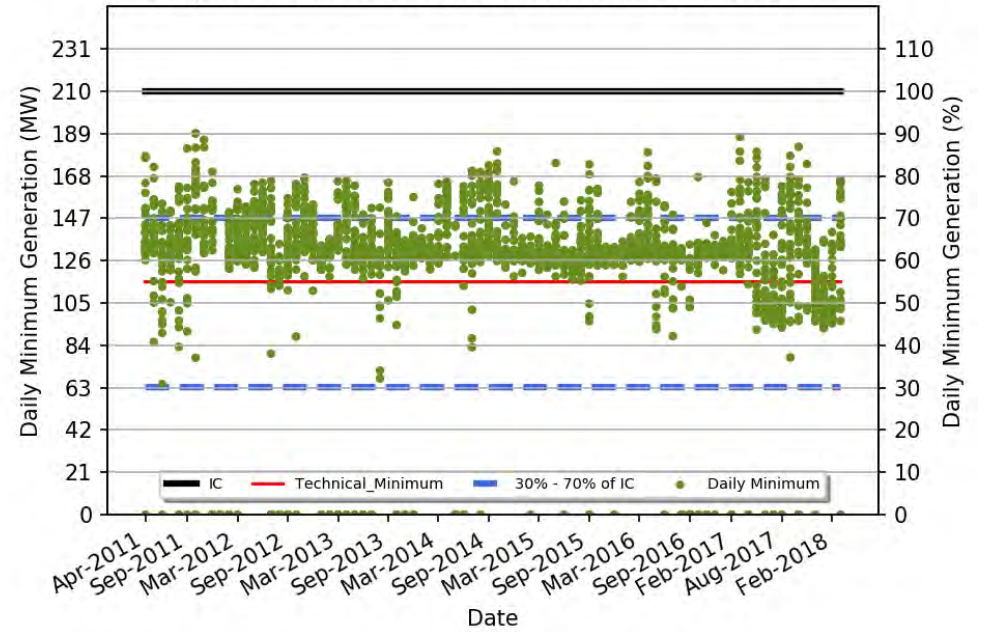
Region	: Eastern Region
Number of Days Considered	: 2396
No. Of Days Max Generation Achieved	: 0 (%)
(% of total days in operation)	
No. Of Days Min Generation Achieved	: 81 (%)
(% of total days in operation)	
Average Flexibility	: 26 (%)
Average Daily Max (MW)	: 185
Daily Average (MW)	: 159
Average Daily Min (MW)	: 129
Average Daily Max/ IC (%)	: 88
Daily Average/IC (%)	: 75
Average Daily Min/IC (%)	: 61
Variable Charge (Paisa/kWh)	: 241
Number Of Beneficiaries	: 23



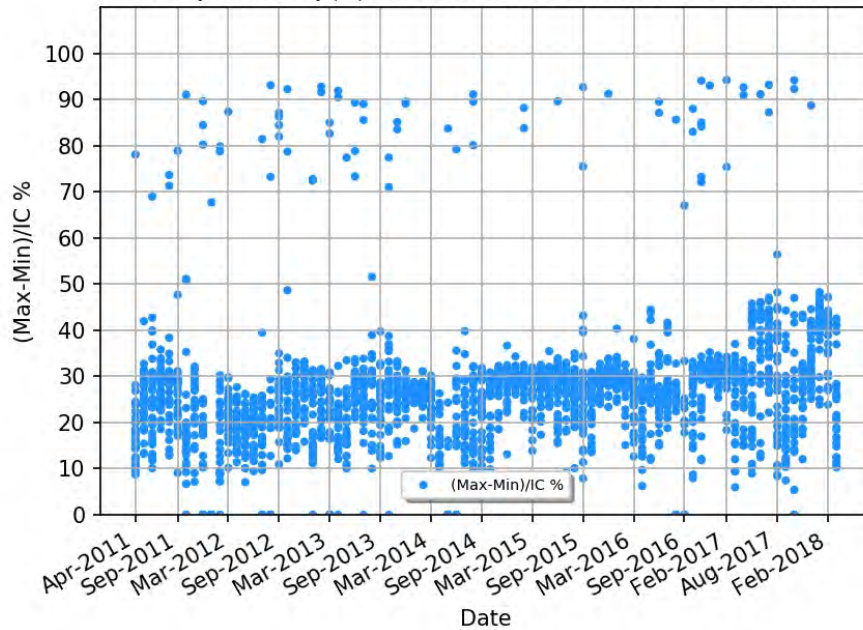
Daily Max Generation : KAHALGAON TPS UNIT - 3 210 MW



Daily Min Generation : KAHALGAON TPS UNIT - 3 210 MW



Daily Flexibility(%): KAHALGAON TPS UNIT - 3 210 MW

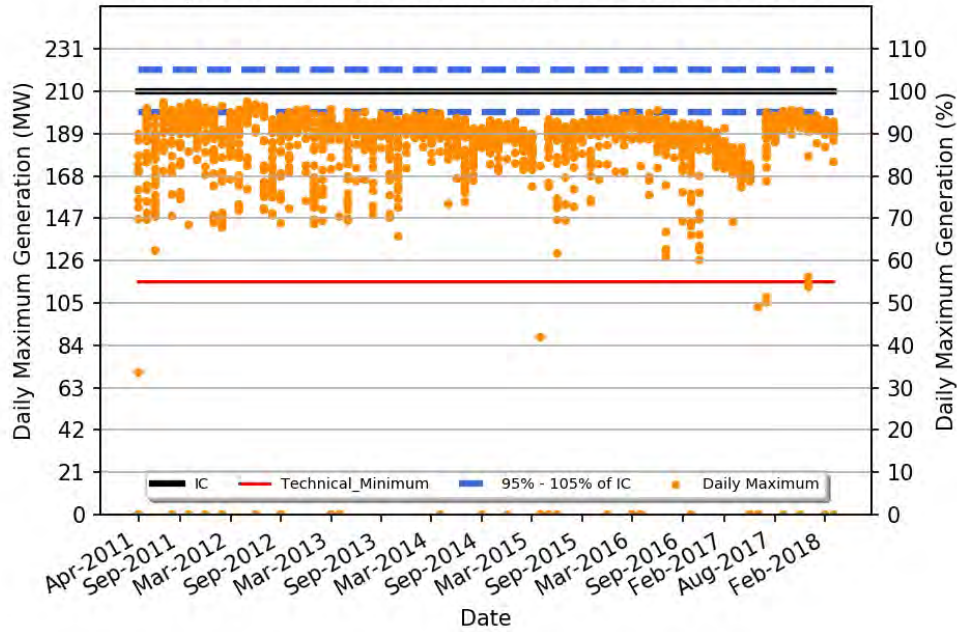


### KAHALGAON TPS UNIT - 3 210 MW

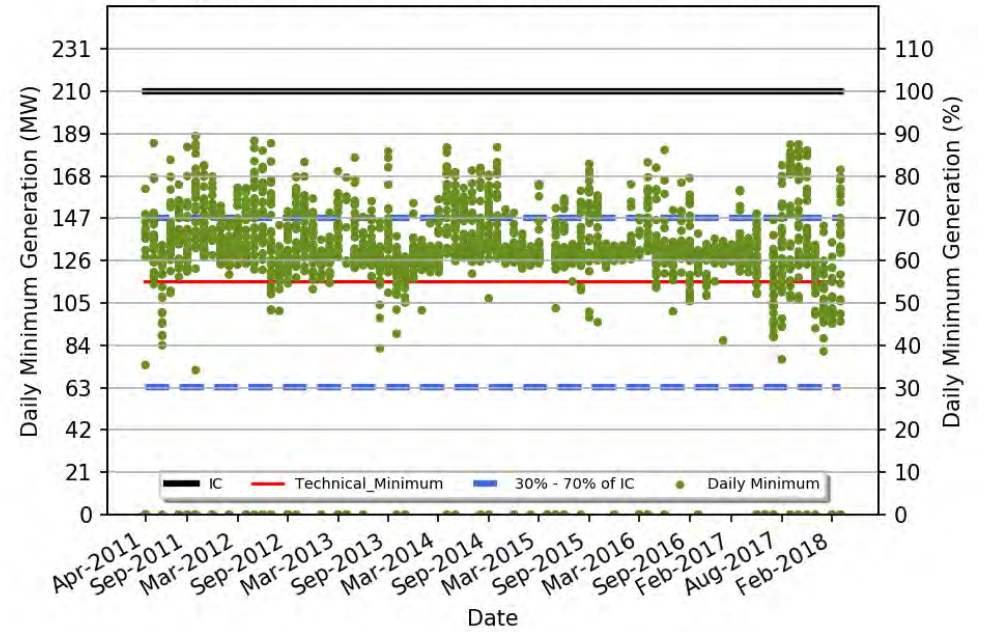
Region	: Eastern Region
Number of Days Considered	: 2376
No. Of Days Max Generation Achieved	: 1 (%)
(% of total days in operation)	
No. Of Days Min Generation Achieved	: 80 (%)
(% of total days in operation)	
Average Flexibility	: 27 (%)
Average Daily Max (MW)	: 186
Daily Average (MW)	: 161
Average Daily Min (MW)	: 129
Average Daily Max/ IC (%)	: 88
Daily Average/IC (%)	: 76
Average Daily Min/IC (%)	: 61
Variable Charge (Paisa/kWh)	: 241
Number Of Beneficiaries	: 23



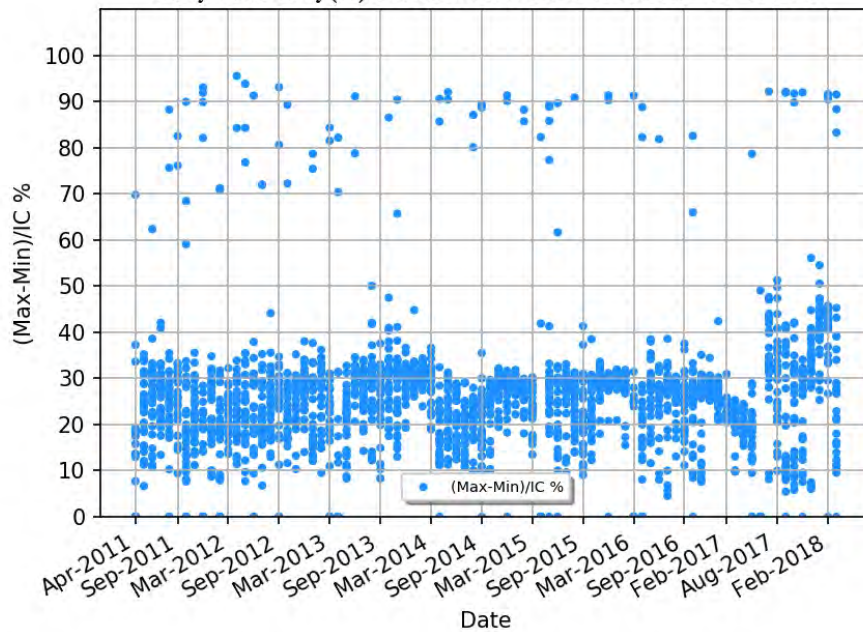
Daily Max Generation : KAHALGAON TPS UNIT - 4 210 MW



Daily Min Generation : KAHALGAON TPS UNIT - 4 210 MW



Daily Flexibility(%): KAHALGAON TPS UNIT - 4 210 MW

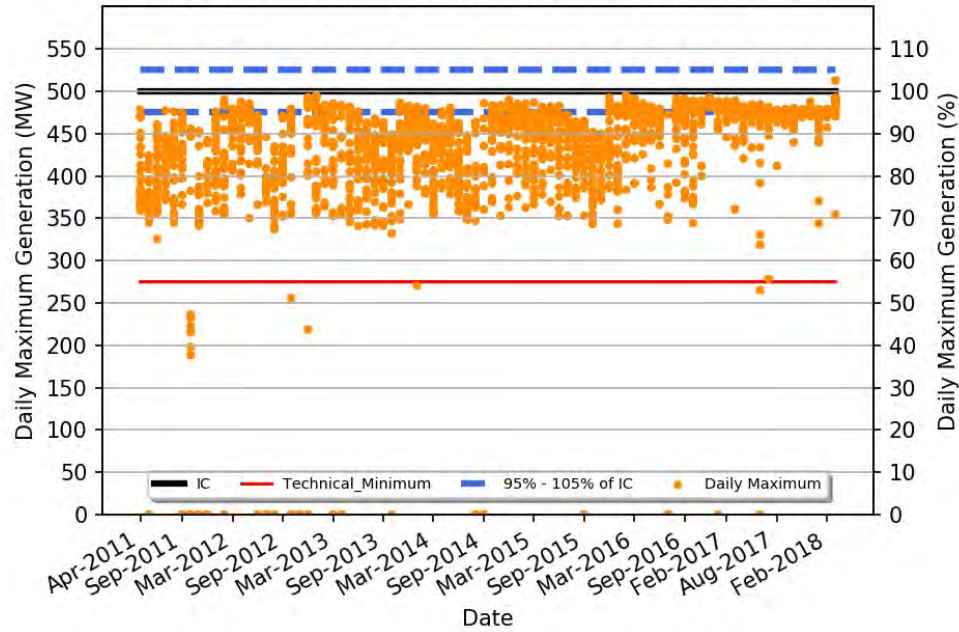


### KAHALGAON TPS UNIT - 4 210 MW

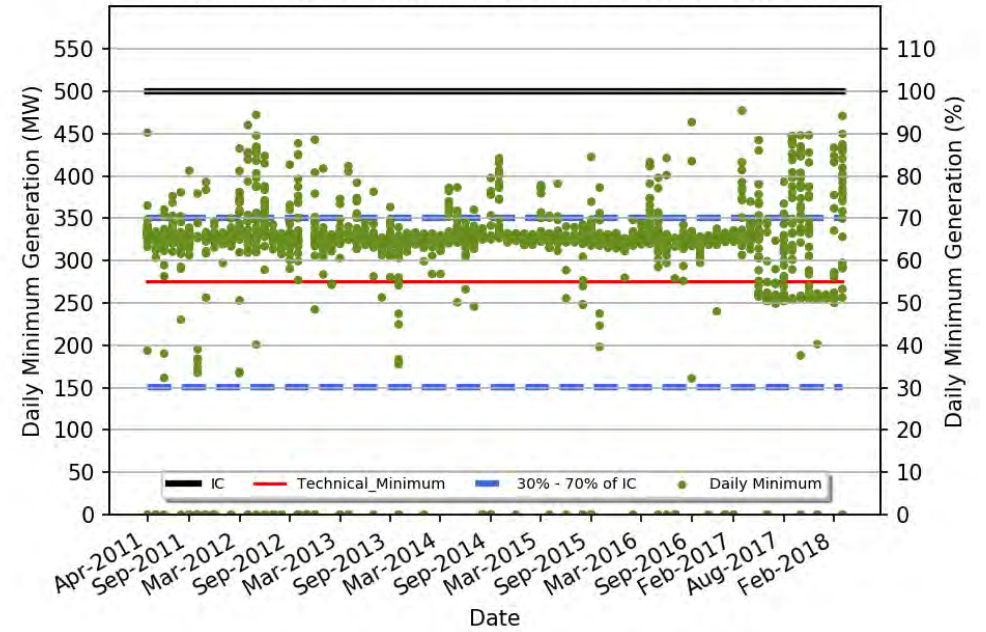
Region	: Eastern Region
Number of Days Considered	: 2350
No. Of Days Max Generation Achieved	: 4 (%)
(% of total days in operation)	
No. Of Days Min Generation Achieved	: 79 (%)
(% of total days in operation)	
Average Flexibility	: 26 (%)
Average Daily Max (MW)	: 186
Daily Average (MW)	: 160
Average Daily Min (MW)	: 130
Average Daily Max/ IC (%)	: 88
Daily Average/IC (%)	: 76
Average Daily Min/IC (%)	: 61
Variable Charge (Paisa/kWh)	: 252
Number Of Beneficiaries	: 18



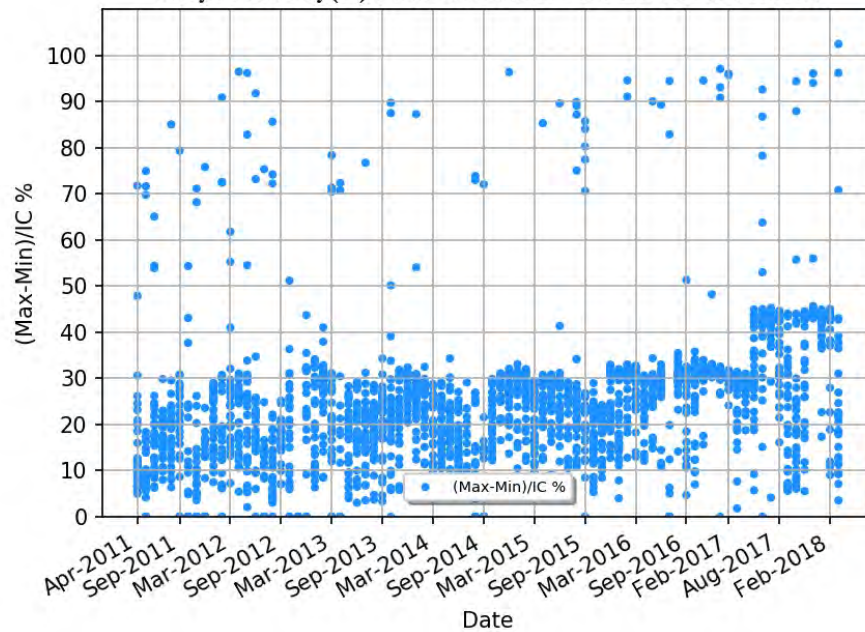
Daily Max Generation : KAHALGAON TPS UNIT - 5 500 MW



Daily Min Generation : KAHALGAON TPS UNIT - 5 500 MW



Daily Flexibility(%): KAHALGAON TPS UNIT - 5 500 MW

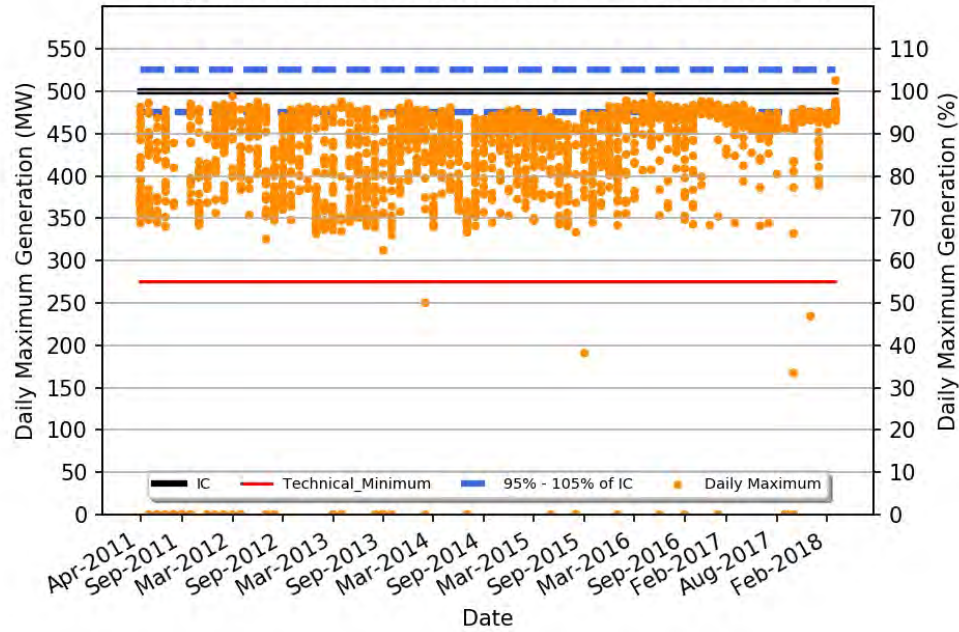


### KAHALGAON TPS UNIT - 5 500 MW

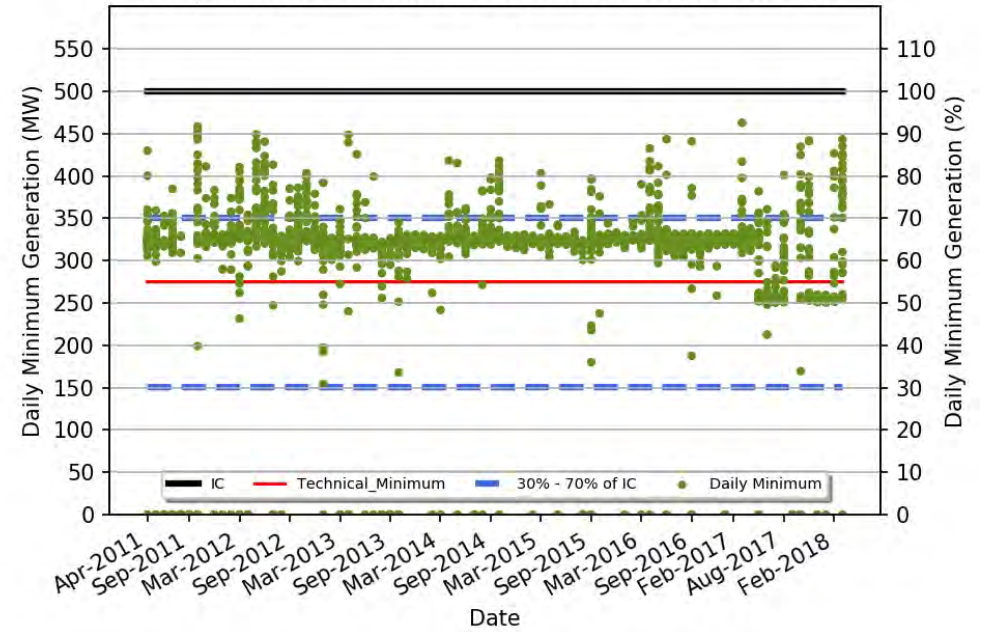
Region	: Eastern Region
Number of Days Considered	: 2320
No. Of Days Max Generation Achieved	: 26 (%)
(% of total days in operation)	
No. Of Days Min Generation Achieved	: 87 (%)
(% of total days in operation)	
Average Flexibility	: 24 (%)
Average Daily Max (MW)	: 441
Daily Average (MW)	: 378
Average Daily Min (MW)	: 317
Average Daily Max/ IC (%)	: 88
Daily Average/IC (%)	: 75
Average Daily Min/IC (%)	: 63
Variable Charge (Paisa/kWh)	: 252
Number Of Beneficiaries	: 18



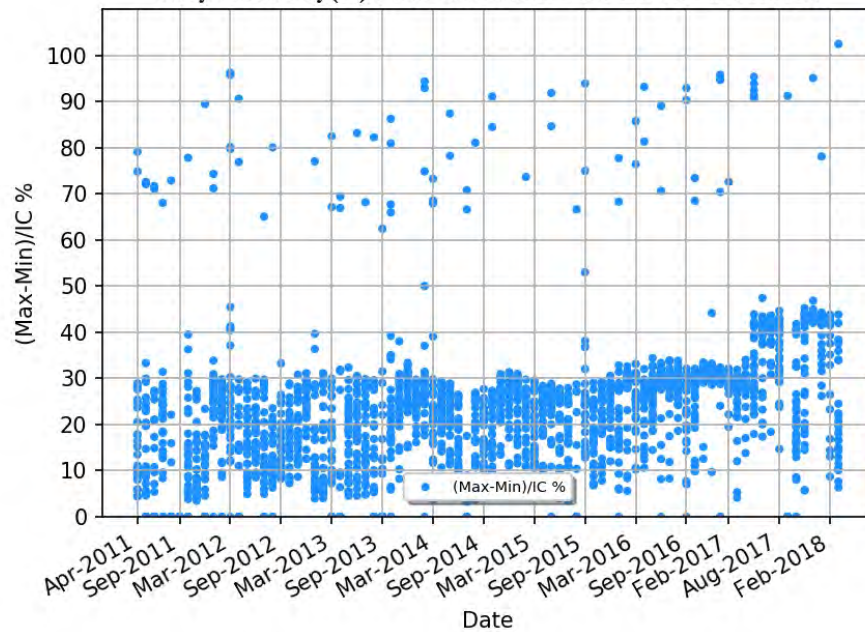
Daily Max Generation : KAHALGAON TPS UNIT - 6 500 MW



Daily Min Generation : KAHALGAON TPS UNIT - 6 500 MW



Daily Flexibility(%): KAHALGAON TPS UNIT - 6 500 MW

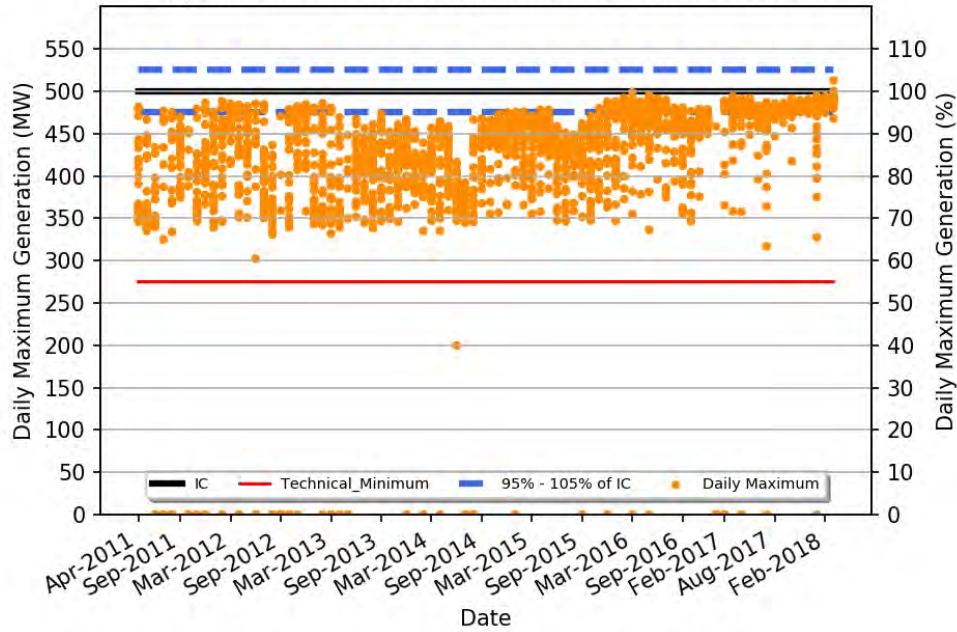


**KAHALGAON TPS UNIT - 6 500 MW**

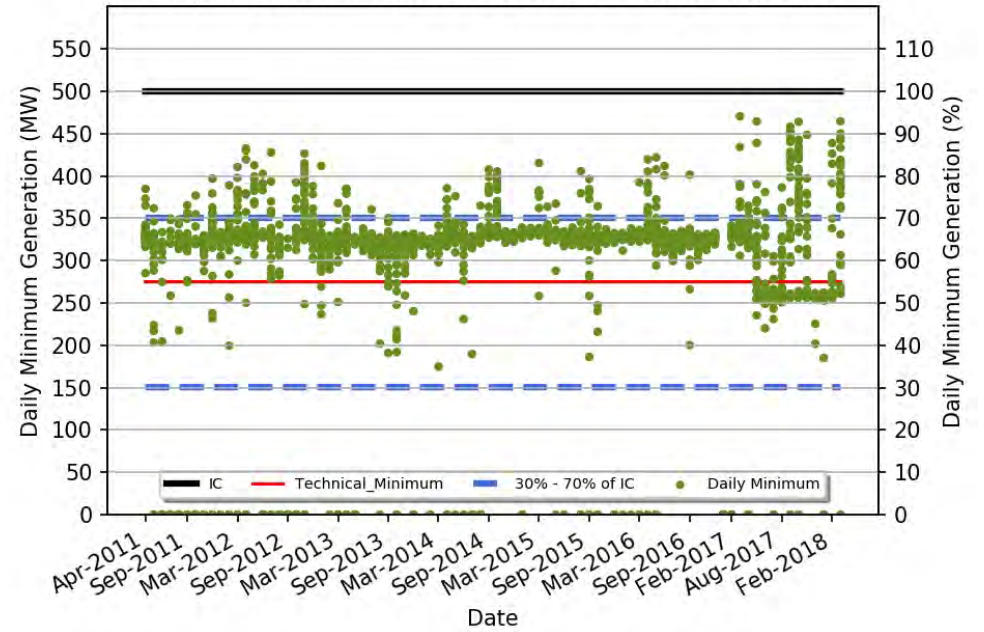
<b>Region</b>	<b>: Eastern Region</b>
<b>Number of Days Considered</b>	<b>: 2272</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 16 (%)</b>
(% of total days in operation)	
<b>No. Of Days Min Generation Achieved</b>	<b>: 86 (%)</b>
(% of total days in operation)	
<b>Average Flexibility</b>	<b>: 24 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 439</b>
<b>Daily Average (MW)</b>	<b>: 377</b>
<b>Average Daily Min (MW)</b>	<b>: 318</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 87</b>
<b>Daily Average/IC (%)</b>	<b>: 75</b>
<b>Average Daily Min/IC (%)</b>	<b>: 63</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 252</b>
<b>Number Of Beneficiaries</b>	<b>: 18</b>



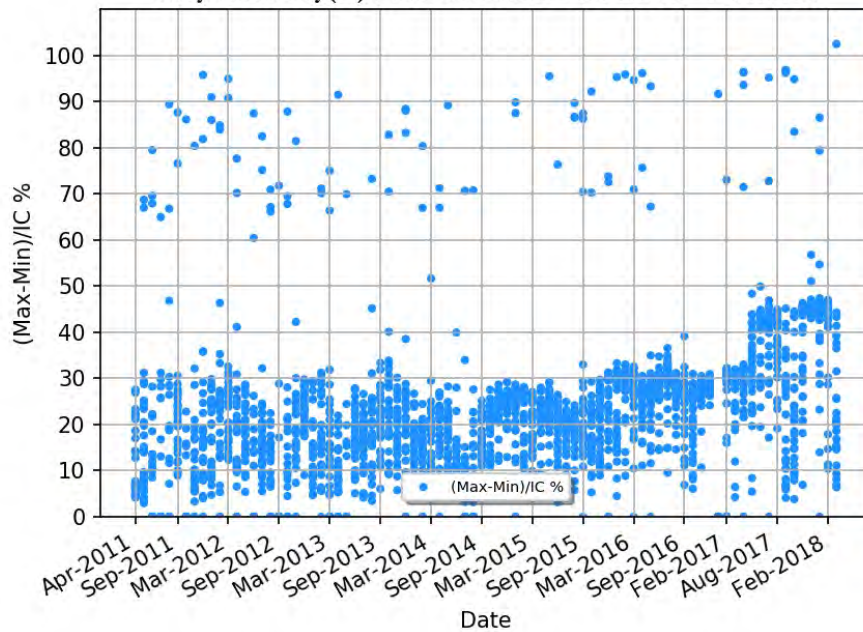
Daily Max Generation : KAHALGAON TPS UNIT - 7 500 MW



Daily Min Generation : KAHALGAON TPS UNIT - 7 500 MW



Daily Flexibility(%): KAHALGAON TPS UNIT - 7 500 MW

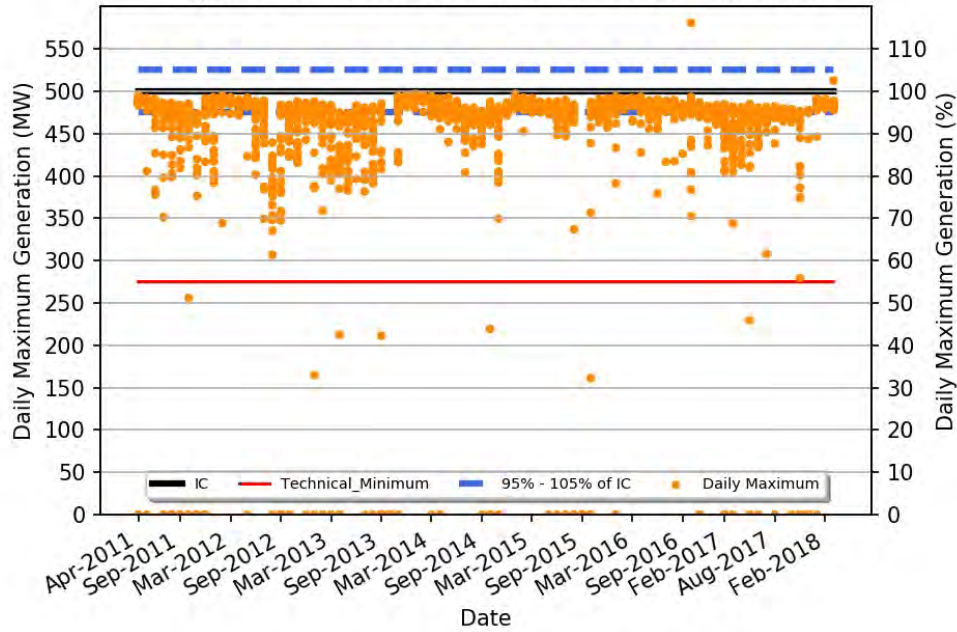


### KAHALGAON TPS UNIT - 7 500 MW

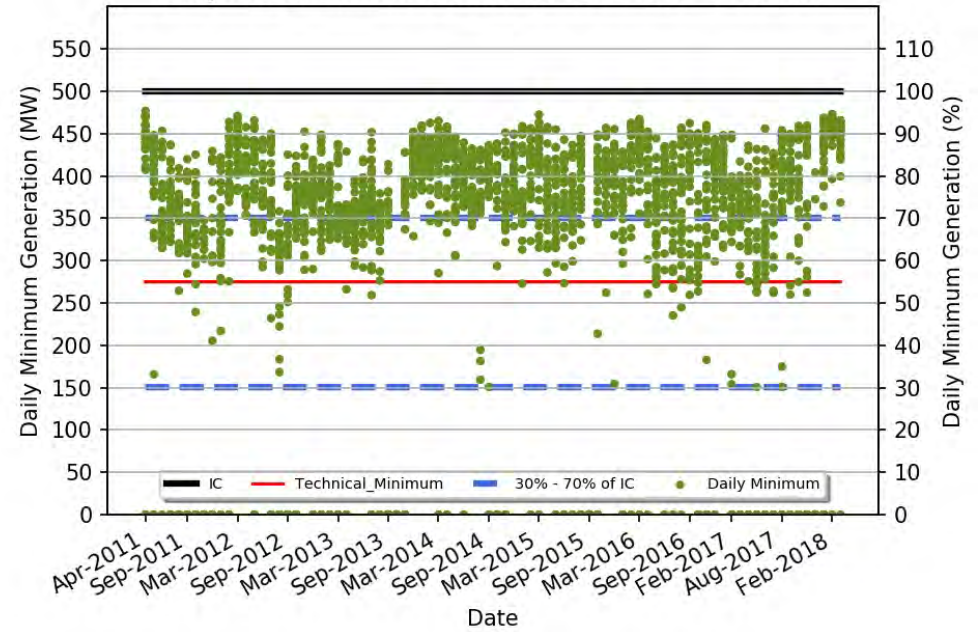
Region	: Eastern Region
Number of Days Considered	: 2241
No. Of Days Max Generation Achieved	: 22 (%)
(% of total days in operation)	
No. Of Days Min Generation Achieved	: 86 (%)
(% of total days in operation)	
Average Flexibility	: 23 (%)
Average Daily Max (MW)	: 435
Daily Average (MW)	: 375
Average Daily Min (MW)	: 316
Average Daily Max/ IC (%)	: 87
Daily Average/IC (%)	: 75
Average Daily Min/IC (%)	: 63
Variable Charge (Paisa/kWh)	: 252
Number Of Beneficiaries	: 18



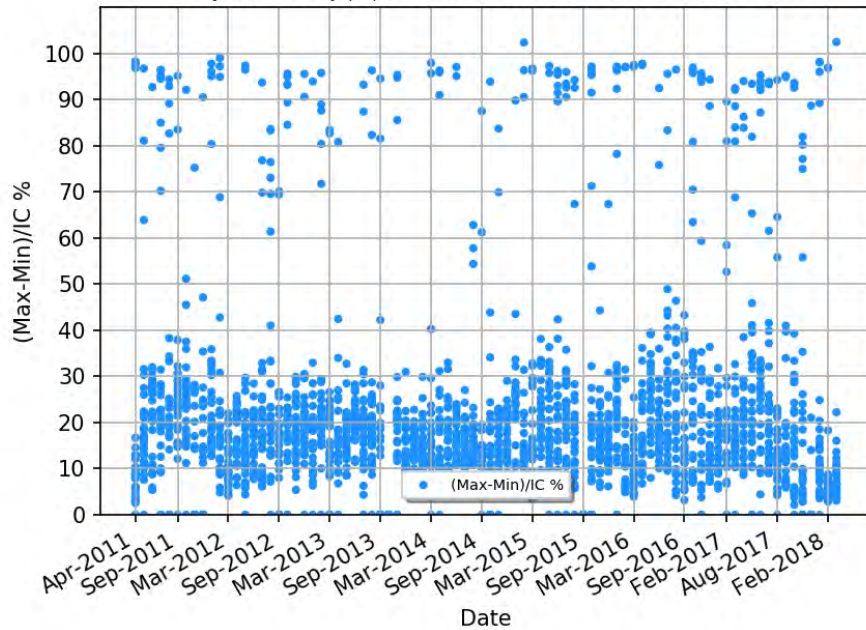
Daily Max Generation : TALCHER STPS UNIT - 1 500 MW



Daily Min Generation : TALCHER STPS UNIT - 1 500 MW



Daily Flexibility(%) : TALCHER STPS UNIT - 1 500 MW

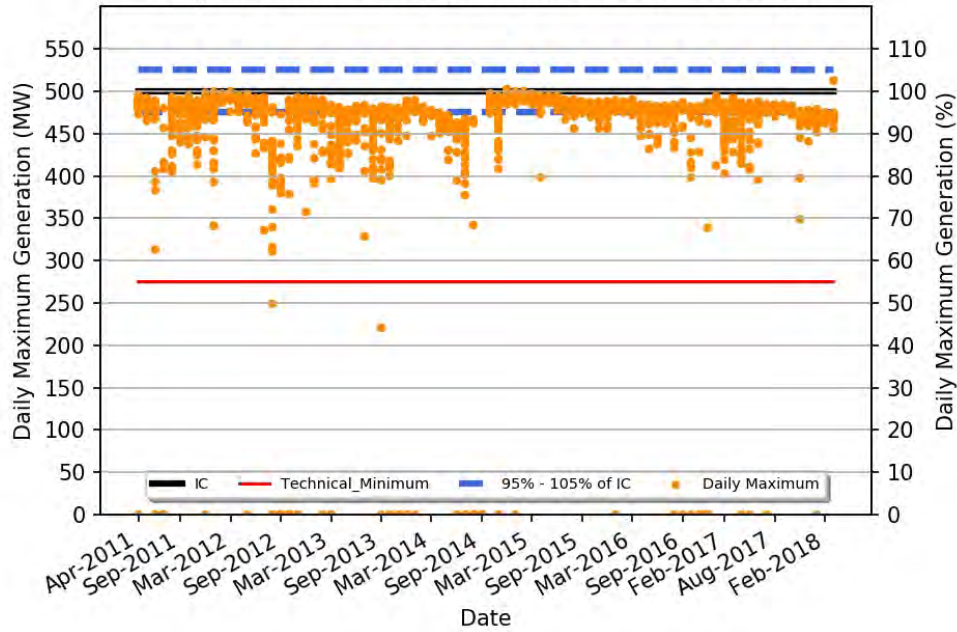


**TALCHER STPS UNIT - 1 500 MW**

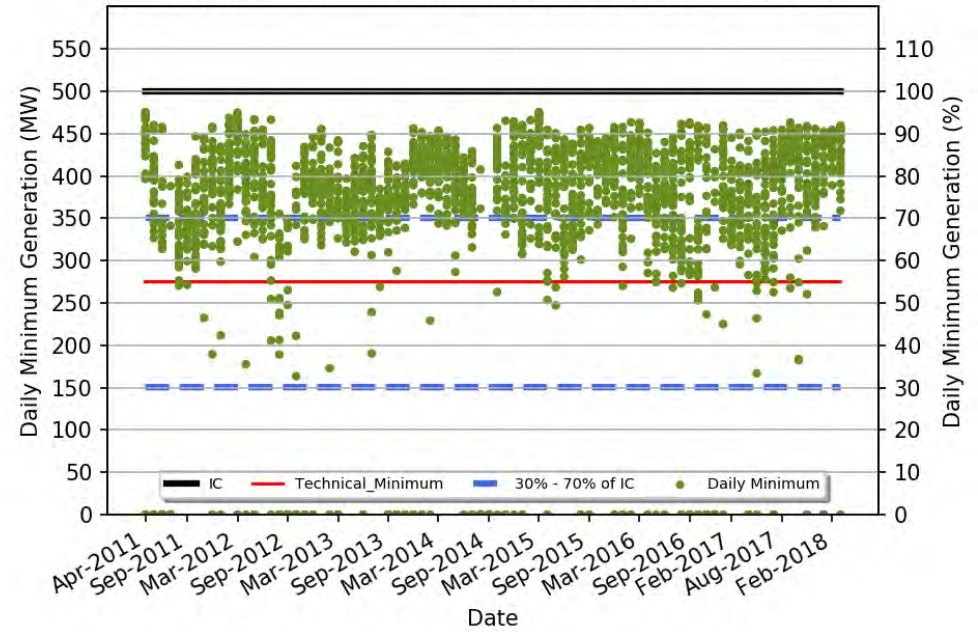
<b>Region</b>	<b>: Eastern Region</b>
<b>Number of Days Considered</b>	<b>: 2269</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 62 (%)</b>
(% of total days in operation)	
<b>No. Of Days Min Generation Achieved</b>	<b>: 21 (%)</b>
(% of total days in operation)	
<b>Average Flexibility</b>	<b>: 21 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 471</b>
<b>Daily Average (MW)</b>	<b>: 431</b>
<b>Average Daily Min (MW)</b>	<b>: 362</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 94</b>
<b>Daily Average/IC (%)</b>	<b>: 86</b>
<b>Average Daily Min/IC (%)</b>	<b>: 72</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 179</b>
<b>Number Of Beneficiaries</b>	<b>: 13</b>



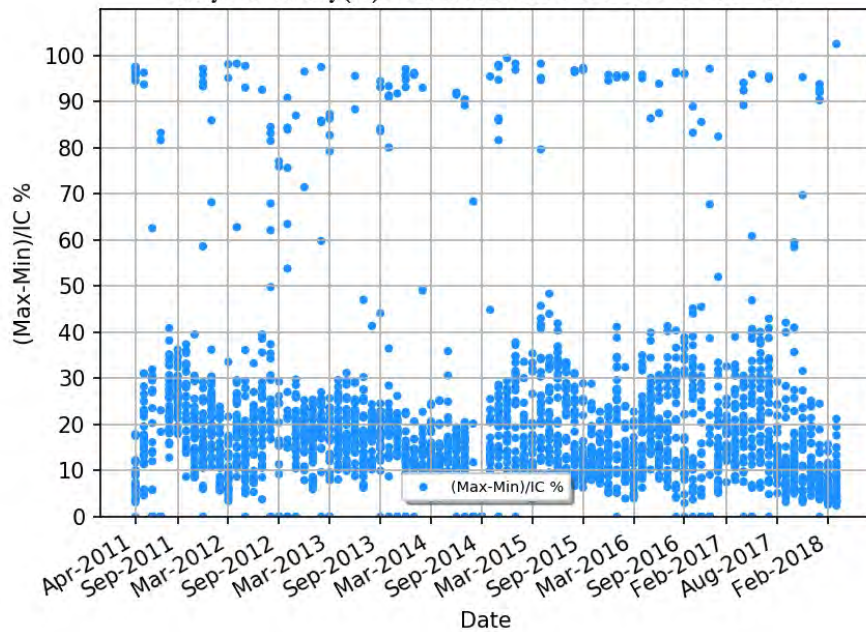
Daily Max Generation : TALCHER STPS UNIT - 2 500 MW



Daily Min Generation : TALCHER STPS UNIT - 2 500 MW



Daily Flexibility(%) : TALCHER STPS UNIT - 2 500 MW

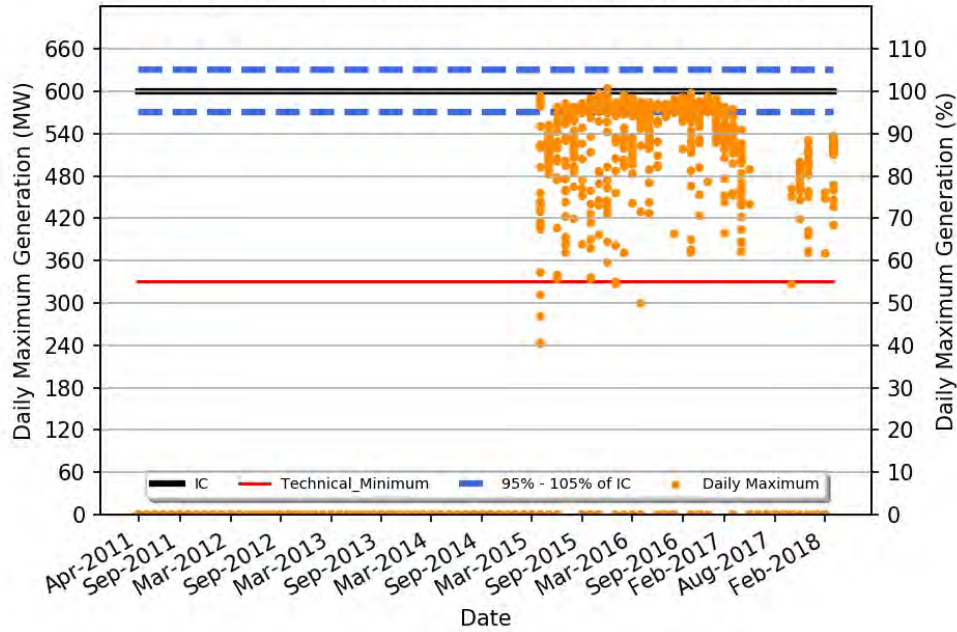


**TALCHER STPS UNIT - 2 500 MW**

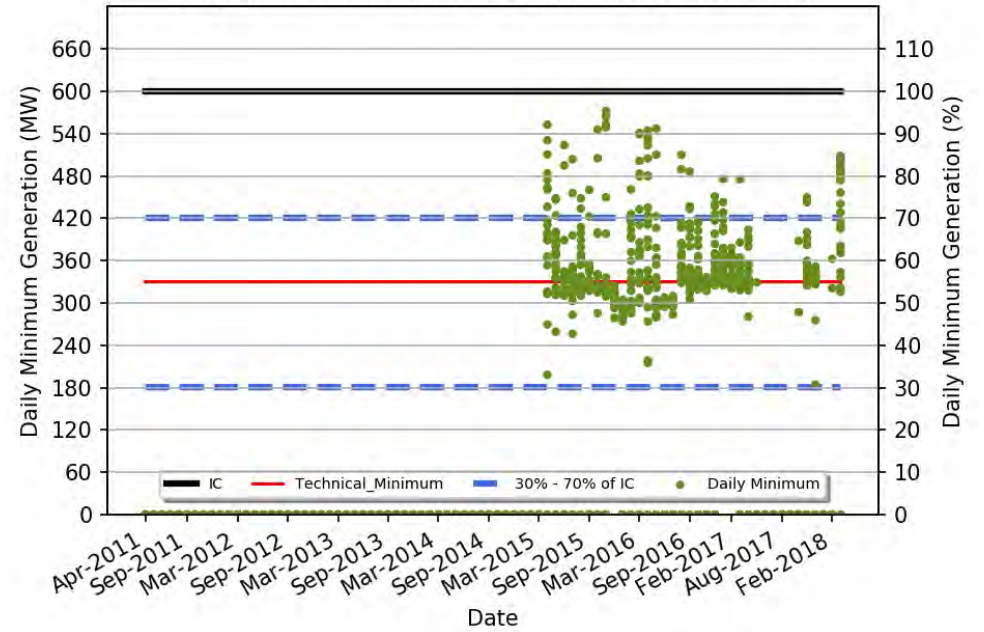
<b>Region</b>	<b>: Eastern Region</b>
<b>Number of Days Considered</b>	<b>: 2298</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 66 (%)</b>
(% of total days in operation)	
<b>No. Of Days Min Generation Achieved</b>	<b>: 20 (%)</b>
(% of total days in operation)	
<b>Average Flexibility</b>	<b>: 20 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 474</b>
<b>Daily Average (MW)</b>	<b>: 436</b>
<b>Average Daily Min (MW)</b>	<b>: 371</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 94</b>
<b>Daily Average/IC (%)</b>	<b>: 87</b>
<b>Average Daily Min/IC (%)</b>	<b>: 74</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 179</b>
<b>Number Of Beneficiaries</b>	<b>: 13</b>

# INDEPENDENT POWER PRODUCERS (IPP-ISGS)

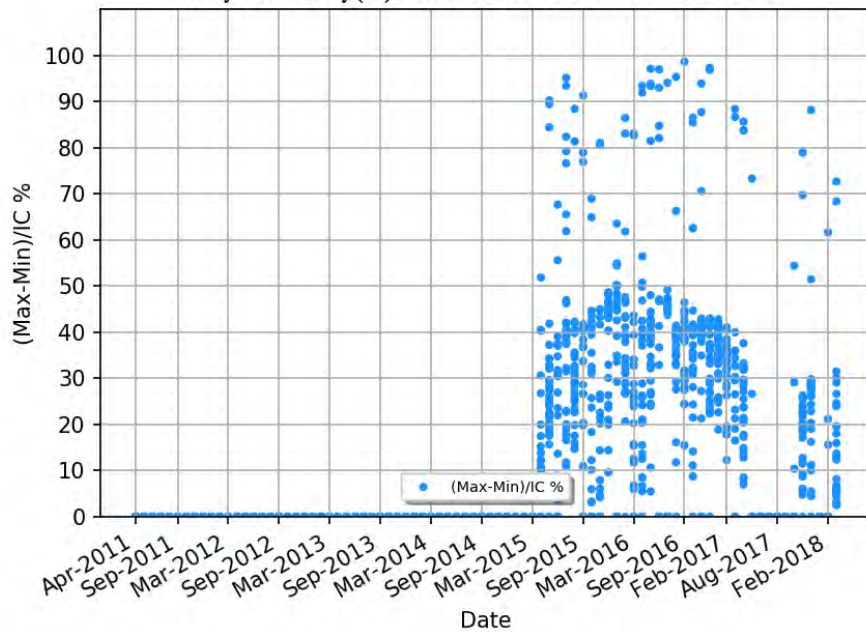
Daily Max Generation : DERANG TPP UNIT - 1 600 MW



Daily Min Generation : DERANG TPP UNIT - 1 600 MW



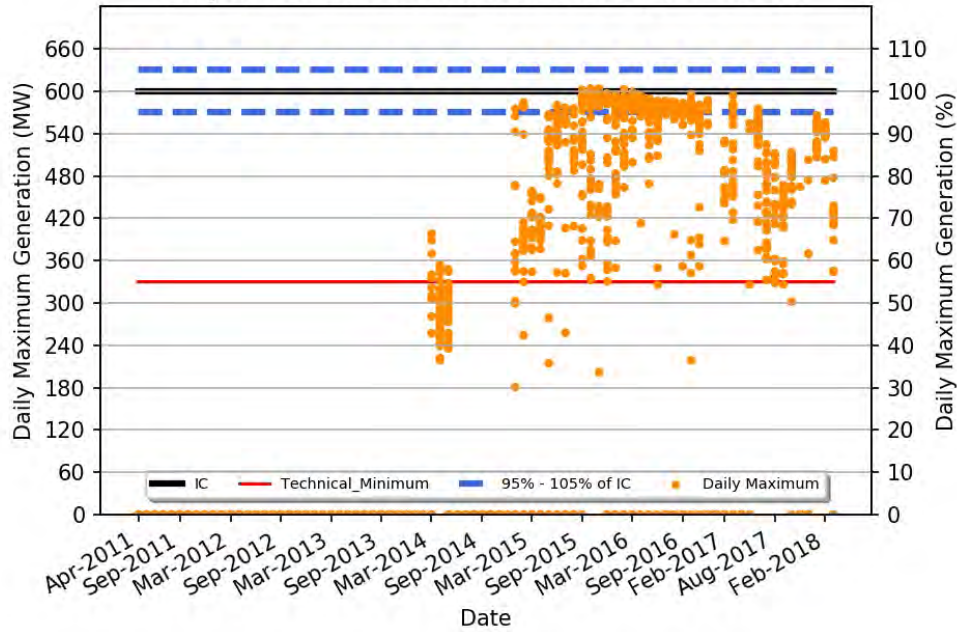
Daily Flexibility(%) : DERANG TPP UNIT - 1 600 MW



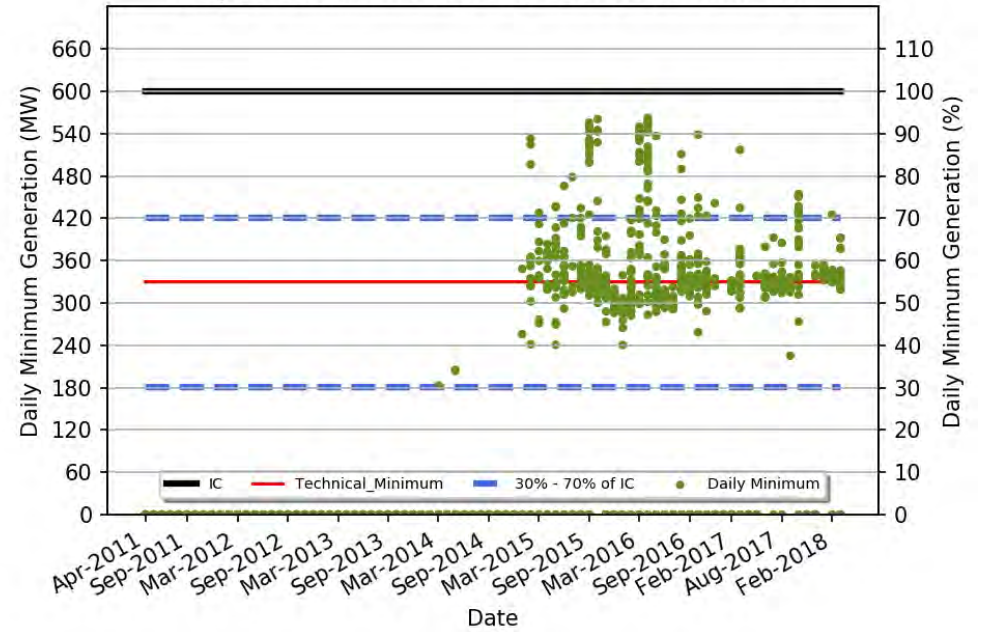
DERANG TPP UNIT - 1 600 MW	
Region	: Eastern Region
Number of Days Considered	: 682
No. Of Days Max Generation Achieved	: 36 (%)
(% of total days in operation)	
No. Of Days Min Generation Achieved	: 79 (%)
(% of total days in operation)	
Average Flexibility	: 33 (%)
Average Daily Max (MW)	: 529
Daily Average (MW)	: 441
Average Daily Min (MW)	: 325
Average Daily Max/ IC (%)	: 88
Daily Average/IC (%)	: 73
Average Daily Min/IC (%)	: 54
Variable Charge (Paisa/kWh)	: 175



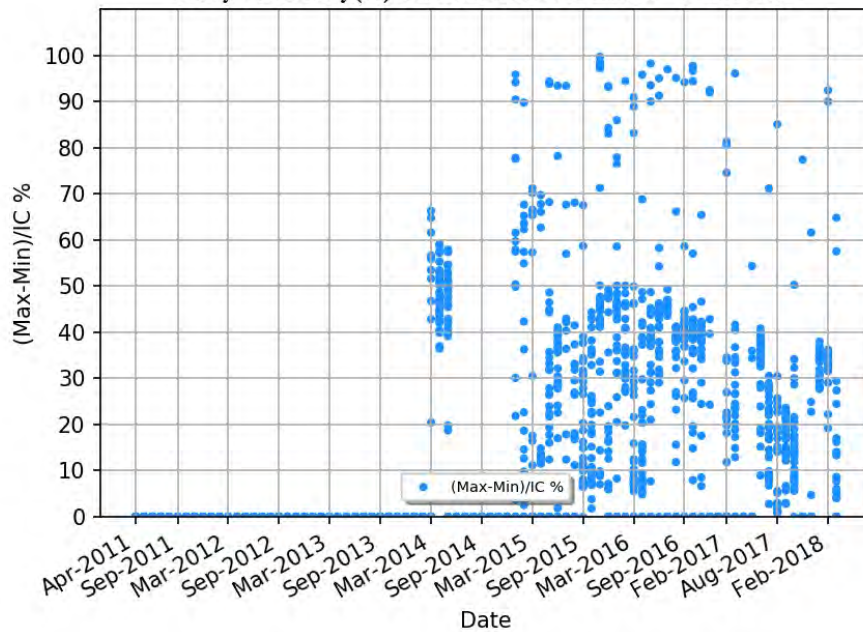
Daily Max Generation : DERANG TPP UNIT - 2 600 MW



Daily Min Generation : DERANG TPP UNIT - 2 600 MW

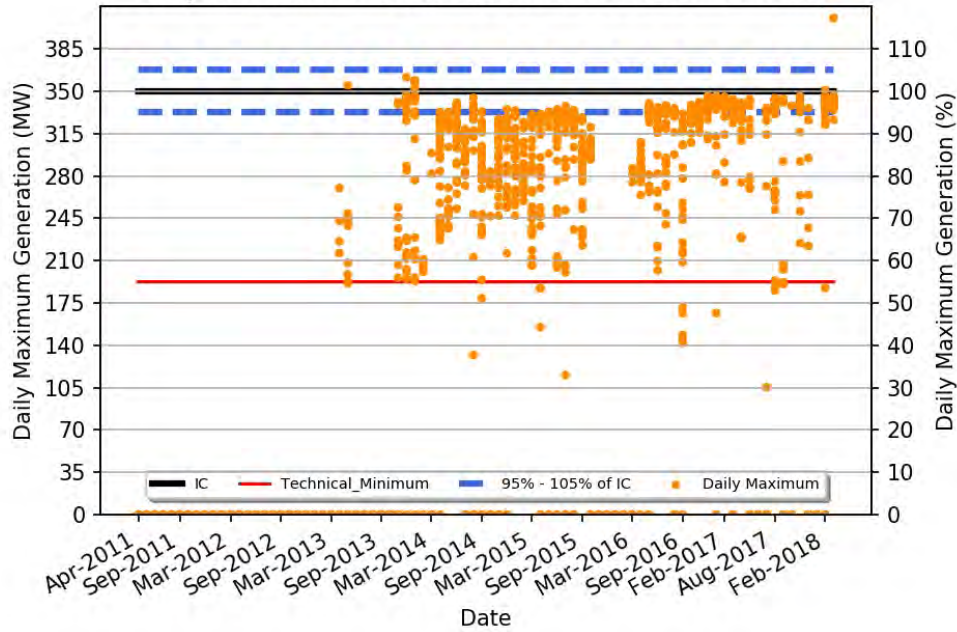


Daily Flexibility(%) : DERANG TPP UNIT - 2 600 MW

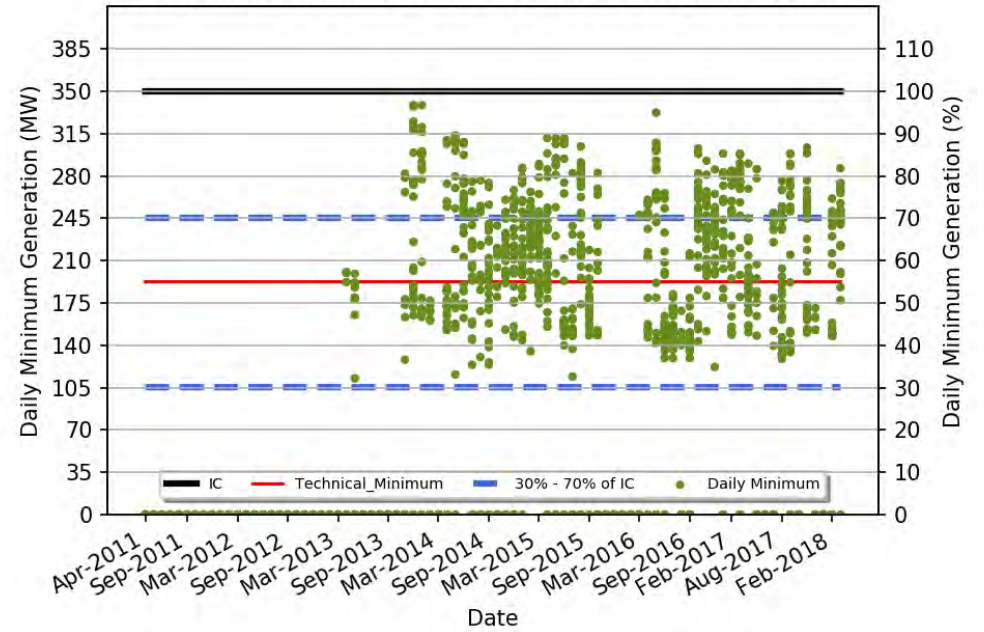


DERANG TPP UNIT - 2 600 MW	
Region	: Eastern Region
Number of Days Considered	: 813
No. Of Days Max Generation Achieved	: 30 (%)
(% of total days in operation)	
No. Of Days Min Generation Achieved	: 76 (%)
(% of total days in operation)	
Average Flexibility	: 32 (%)
Average Daily Max (MW)	: 505
Daily Average (MW)	: 416
Average Daily Min (MW)	: 309
Average Daily Max/ IC (%)	: 84
Daily Average/IC (%)	: 69
Average Daily Min/IC (%)	: 51
Variable Charge (Paisa/kWh)	: 175

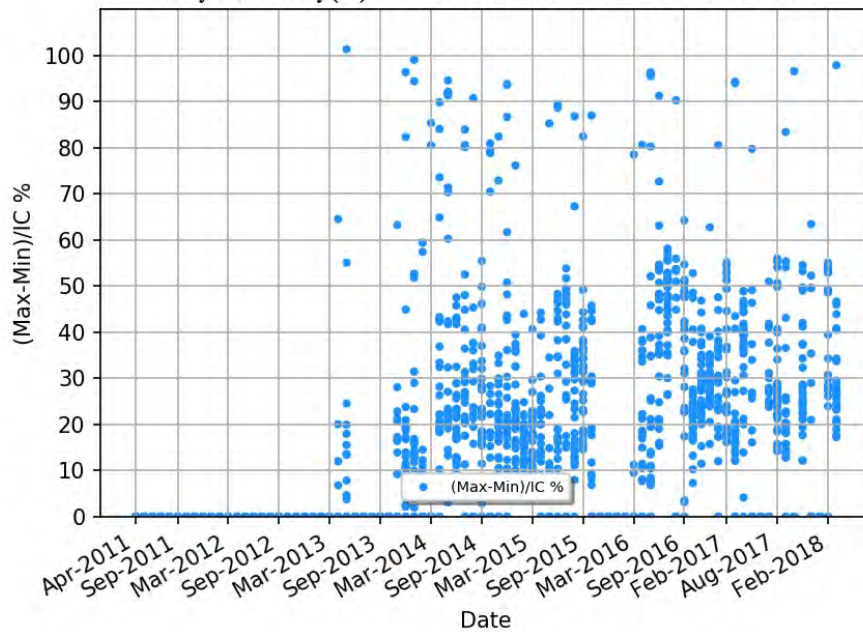
Daily Max Generation : KAMALANGA TPS UNIT - 1 350 MW



Daily Min Generation : KAMALANGA TPS UNIT - 1 350 MW



Daily Flexibility(%) : KAMALANGA TPS UNIT - 1 350 MW

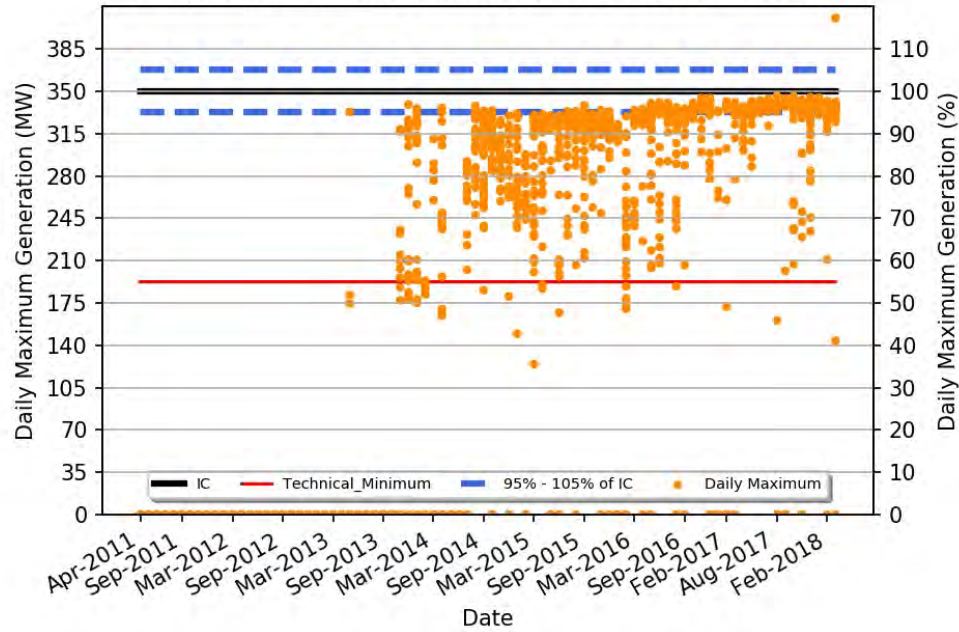


**KAMALANGA TPS UNIT - 1 350 MW**

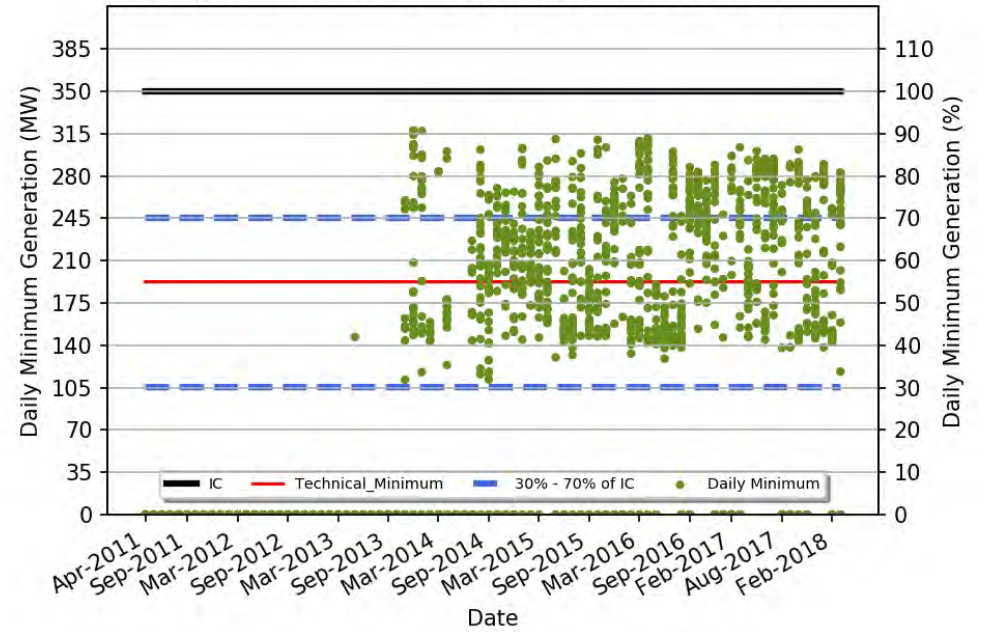
<b>Region</b>	<b>: Eastern Region</b>
<b>Number of Days Considered</b>	<b>: 1032</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 34 (%)</b>
<i>(% of total days in operation)</i>	
<b>No. Of Days Min Generation Achieved</b>	<b>: 64 (%)</b>
<i>(% of total days in operation)</i>	
<b>Average Flexibility</b>	<b>: 28 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 305</b>
<b>Daily Average (MW)</b>	<b>: 263</b>
<b>Average Daily Min (MW)</b>	<b>: 205</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 87</b>
<b>Daily Average/IC (%)</b>	<b>: 75</b>
<b>Average Daily Min/IC (%)</b>	<b>: 58</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 170</b>



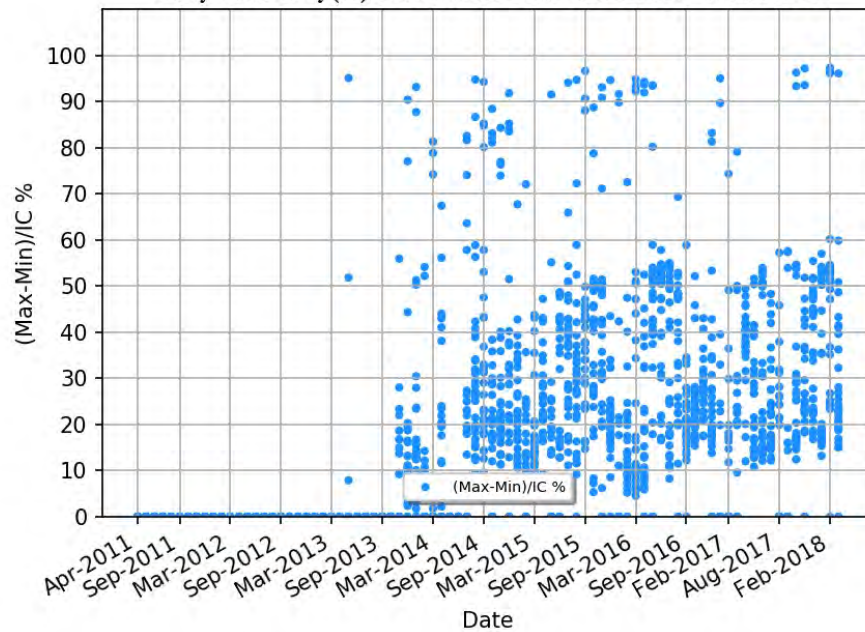
Daily Max Generation : KAMALANGA TPS UNIT - 2 350 MW



Daily Min Generation : KAMALANGA TPS UNIT - 2 350 MW



Daily Flexibility(%): KAMALANGA TPS UNIT - 2 350 MW

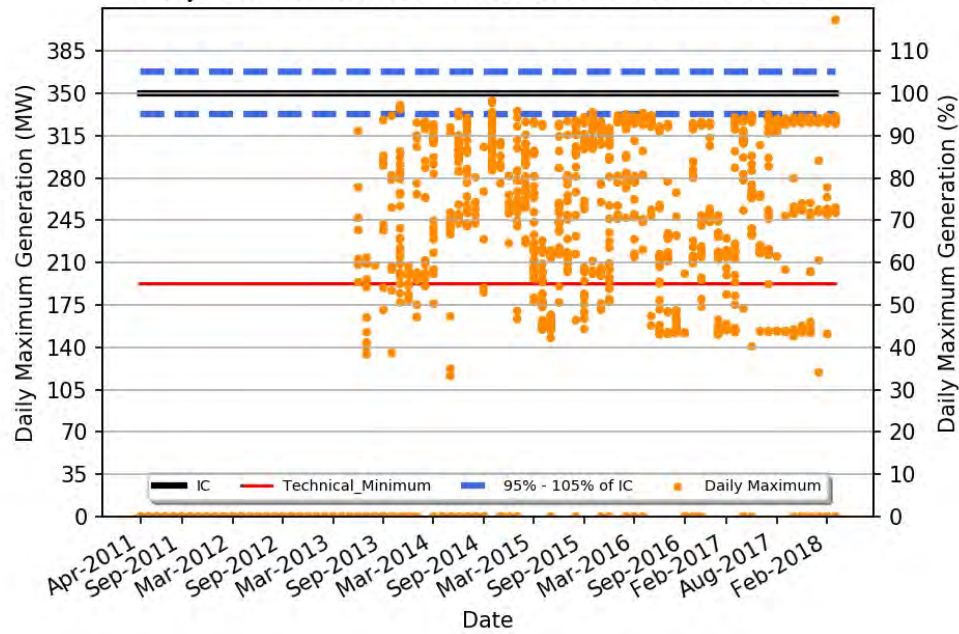


**KAMALANGA TPS UNIT - 2 350 MW**

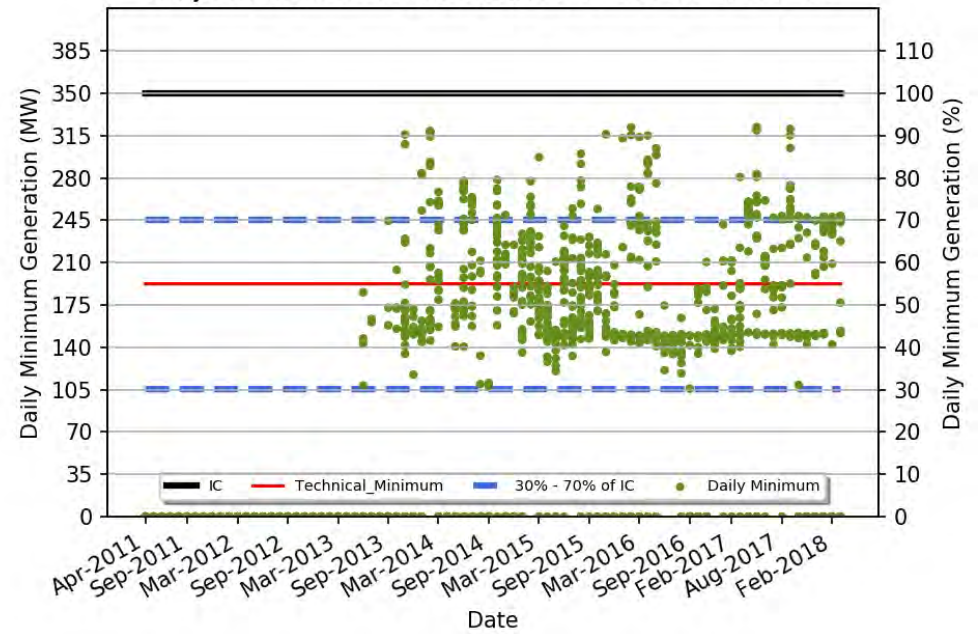
<b>Region</b>	<b>: Eastern Region</b>
<b>Number of Days Considered</b>	<b>: 1225</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 31 (%)</b>
(% of total days in operation)	
<b>No. Of Days Min Generation Achieved</b>	<b>: 62 (%)</b>
(% of total days in operation)	
<b>Average Flexibility</b>	<b>: 30 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 308</b>
<b>Daily Average (MW)</b>	<b>: 266</b>
<b>Average Daily Min (MW)</b>	<b>: 202</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 88</b>
<b>Daily Average/IC (%)</b>	<b>: 76</b>
<b>Average Daily Min/IC (%)</b>	<b>: 57</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 170</b>



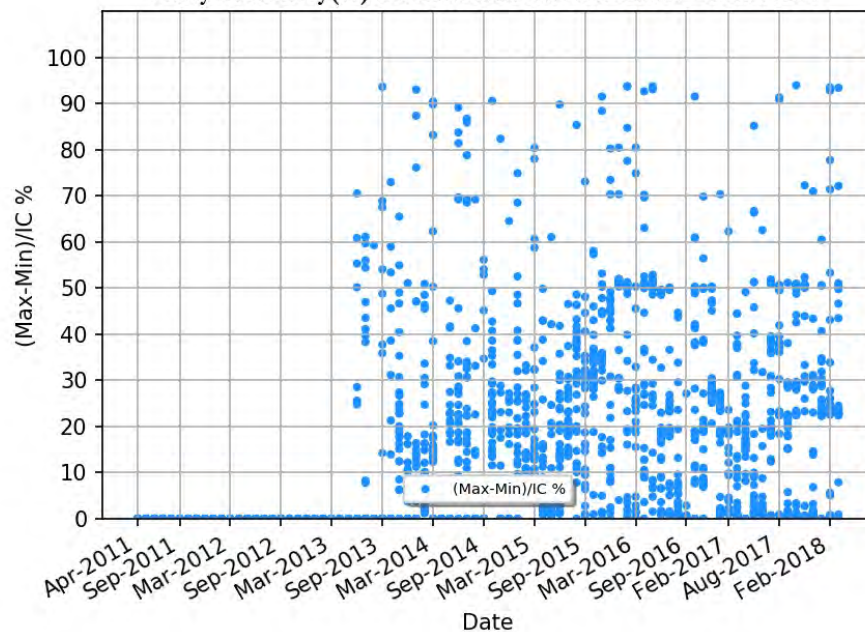
Daily Max Generation : KAMALANGA TPS UNIT - 3 350 MW



Daily Min Generation : KAMALANGA TPS UNIT - 3 350 MW



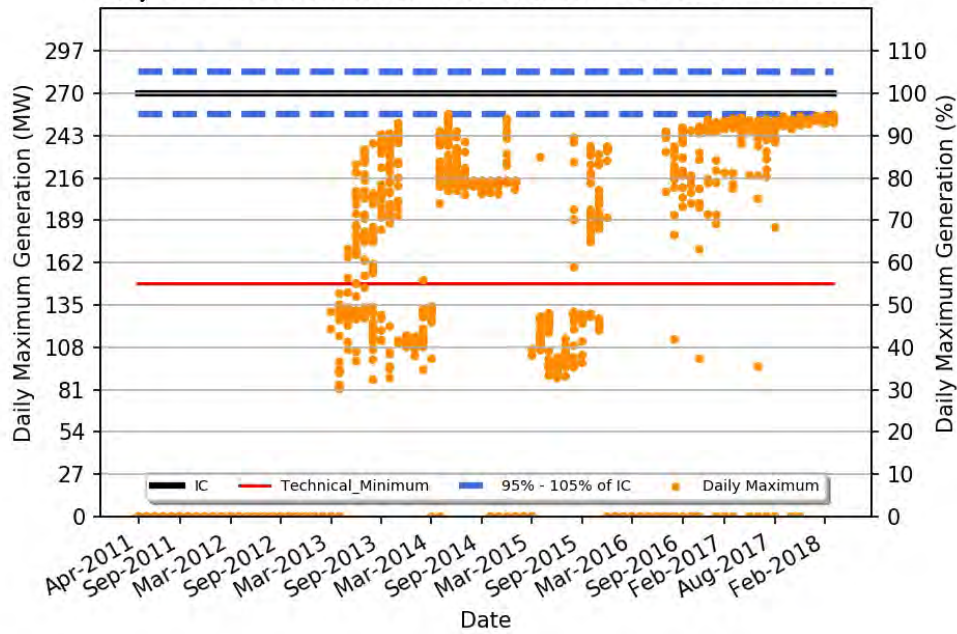
Daily Flexibility(%): KAMALANGA TPS UNIT - 3 350 MW



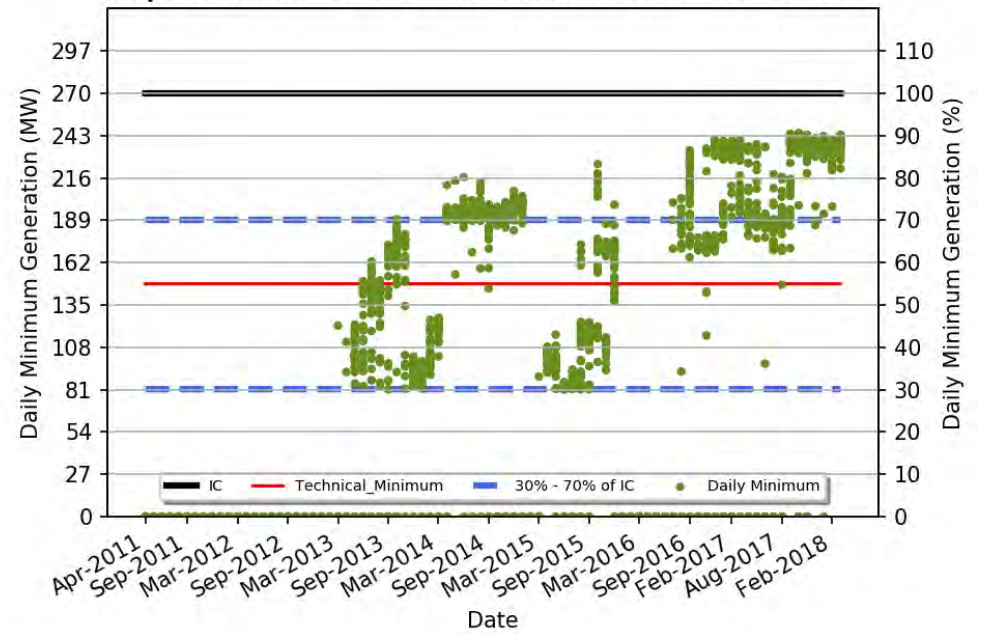
### KAMALANGA TPS UNIT - 3 350 MW

<b>Region</b>	<b>: Eastern Region</b>
<b>Number of Days Considered</b>	<b>: 1292</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 1 (%)</b>
(% of total days in operation)	
<b>No. Of Days Min Generation Achieved</b>	<b>: 79 (%)</b>
(% of total days in operation)	
<b>Average Flexibility</b>	<b>: 24 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 262</b>
<b>Daily Average (MW)</b>	<b>: 221</b>
<b>Average Daily Min (MW)</b>	<b>: 175</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 75</b>
<b>Daily Average/IC (%)</b>	<b>: 63</b>
<b>Average Daily Min/IC (%)</b>	<b>: 50</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 170</b>

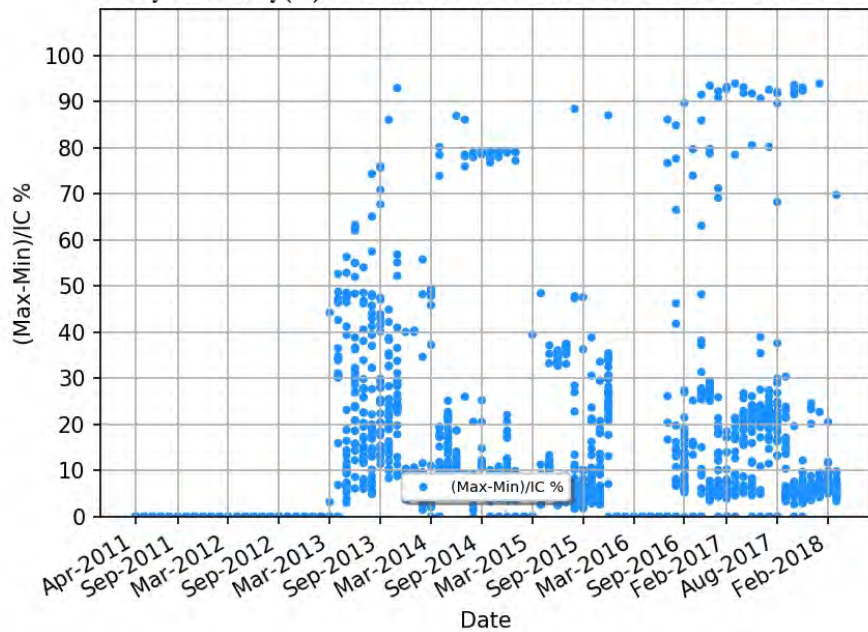
Daily Max Generation : MAHADEV PRASAD STPP UNIT - 1 270 MW



Daily Min Generation : MAHADEV PRASAD STPP UNIT - 1 270 MW



Daily Flexibility(%) : MAHADEV PRASAD STPP UNIT - 1 270 MW

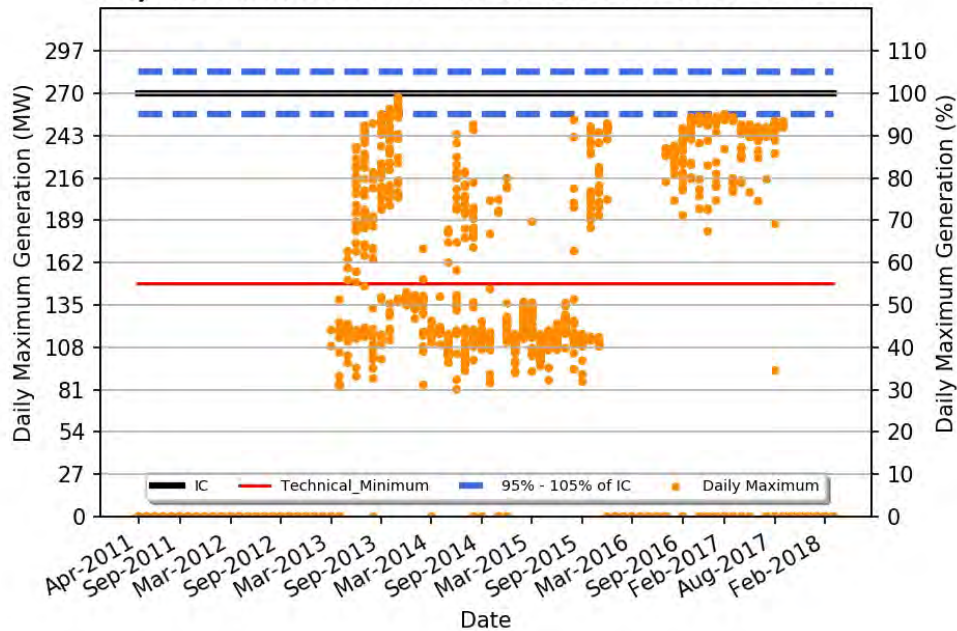


**MAHADEV PRASAD STPP UNIT - 1 270 MW**

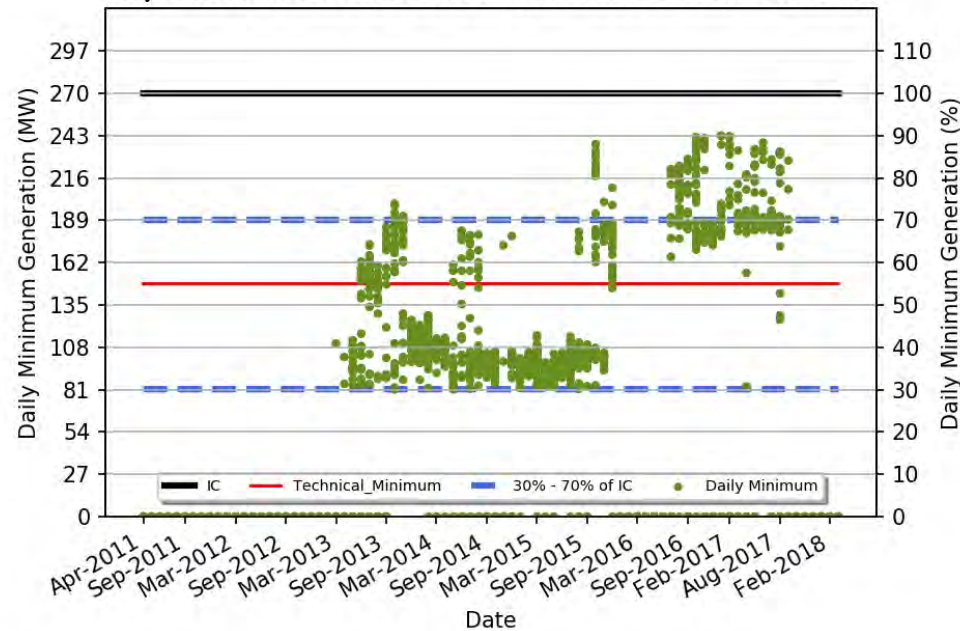
<b>Region</b>	<b>: Eastern Region</b>
<b>Number of Days Considered</b>	<b>: 1352</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 0 (%)</b>
(% of total days in operation)	
<b>No. Of Days Min Generation Achieved</b>	<b>: 47 (%)</b>
(% of total days in operation)	
<b>Average Flexibility</b>	<b>: 16 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 201</b>
<b>Daily Average (MW)</b>	<b>: 185</b>
<b>Average Daily Min (MW)</b>	<b>: 156</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 74</b>
<b>Daily Average/IC (%)</b>	<b>: 68</b>
<b>Average Daily Min/IC (%)</b>	<b>: 58</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 131</b>



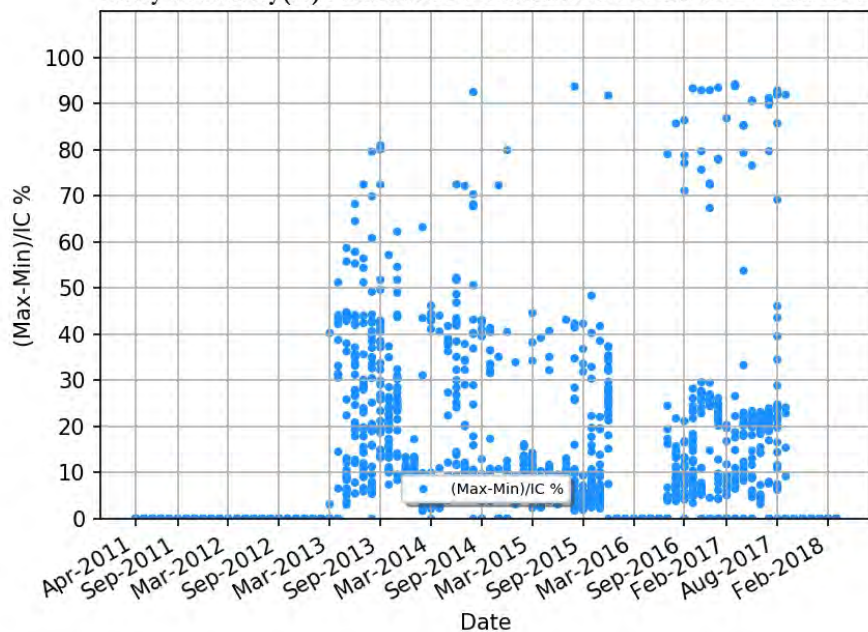
Daily Max Generation : MAHADEV PRASAD STPP UNIT - 2 270 MW



Daily Min Generation : MAHADEV PRASAD STPP UNIT - 2 270 MW



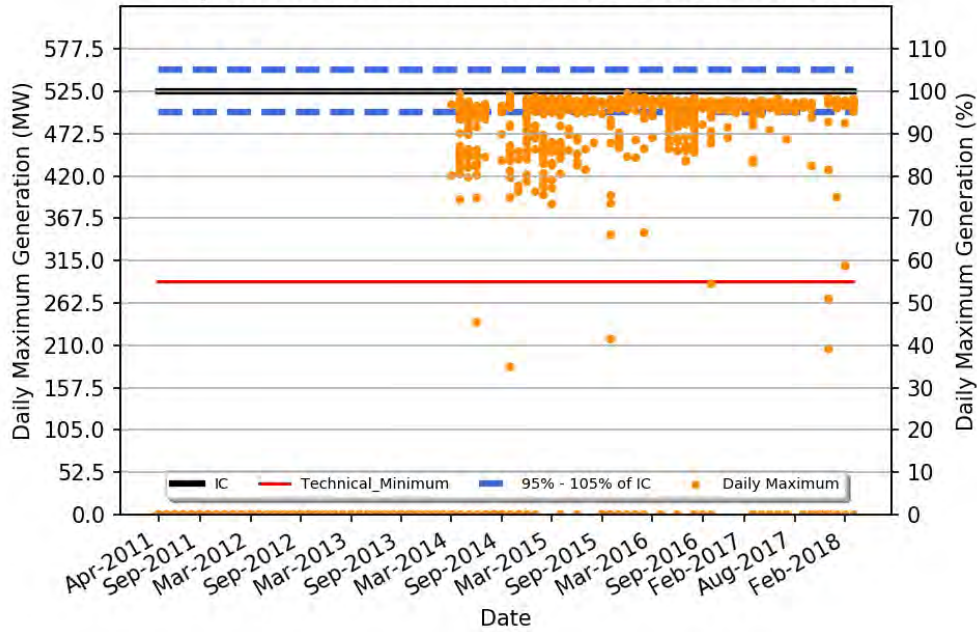
Daily Flexibility(%) : MAHADEV PRASAD STPP UNIT - 2 270 MW



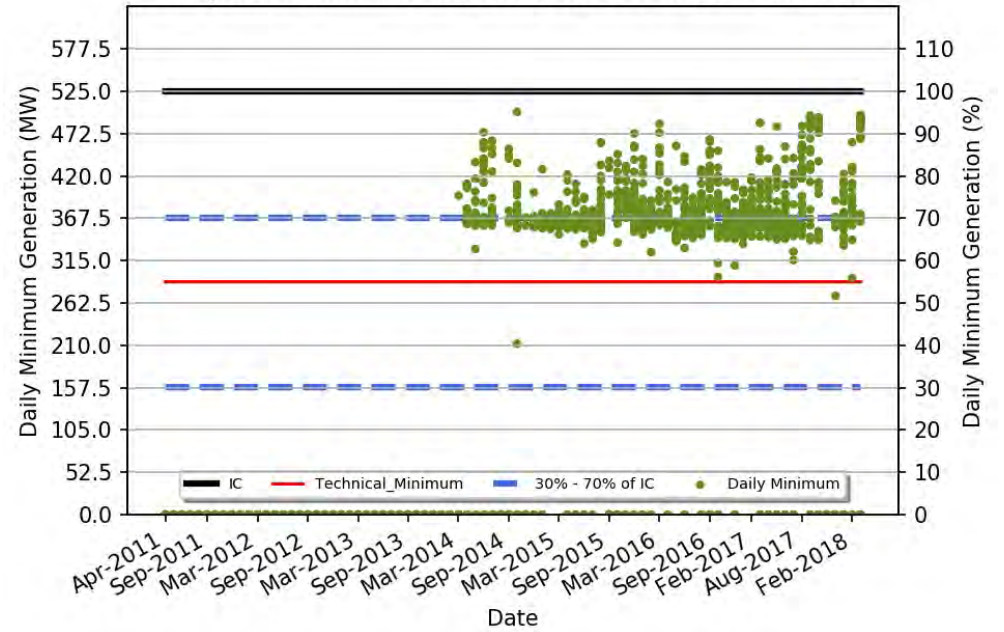
**MAHADEV PRASAD STPP UNIT - 2 270 MW**

<b>Region</b>	<b>: Eastern Region</b>
<b>Number of Days Considered</b>	<b>: 1185</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 1 (%)</b>
(% of total days in operation)	
<b>No. Of Days Min Generation Achieved</b>	<b>: 75 (%)</b>
(% of total days in operation)	
<b>Average Flexibility</b>	<b>: 16 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 173</b>
<b>Daily Average (MW)</b>	<b>: 155</b>
<b>Average Daily Min (MW)</b>	<b>: 128</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 64</b>
<b>Daily Average/IC (%)</b>	<b>: 57</b>
<b>Average Daily Min/IC (%)</b>	<b>: 47</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 131</b>

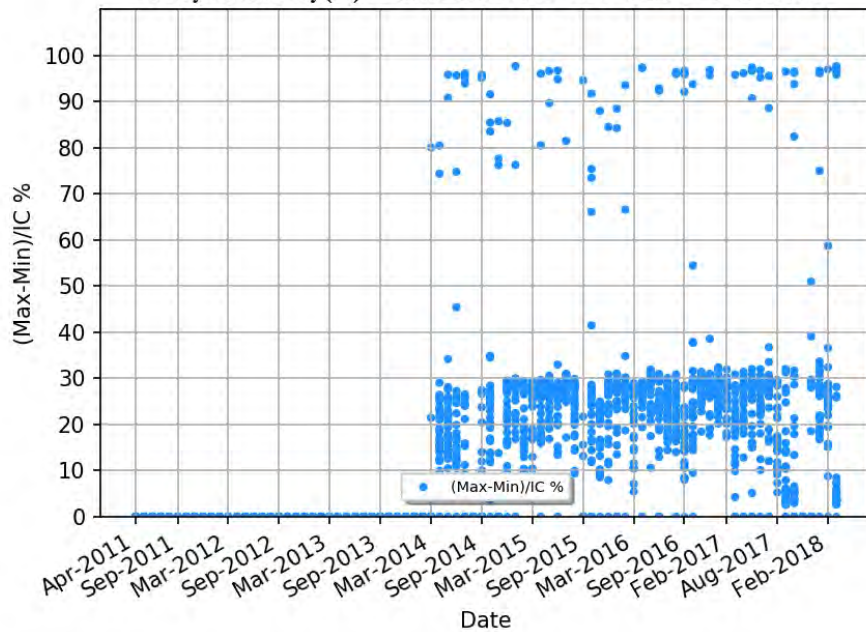
Daily Max Generation : MAITHON RB TPP UNIT - 1 525 MW



Daily Min Generation : MAITHON RB TPP UNIT - 1 525 MW



Daily Flexibility(%) : MAITHON RB TPP UNIT - 1 525 MW

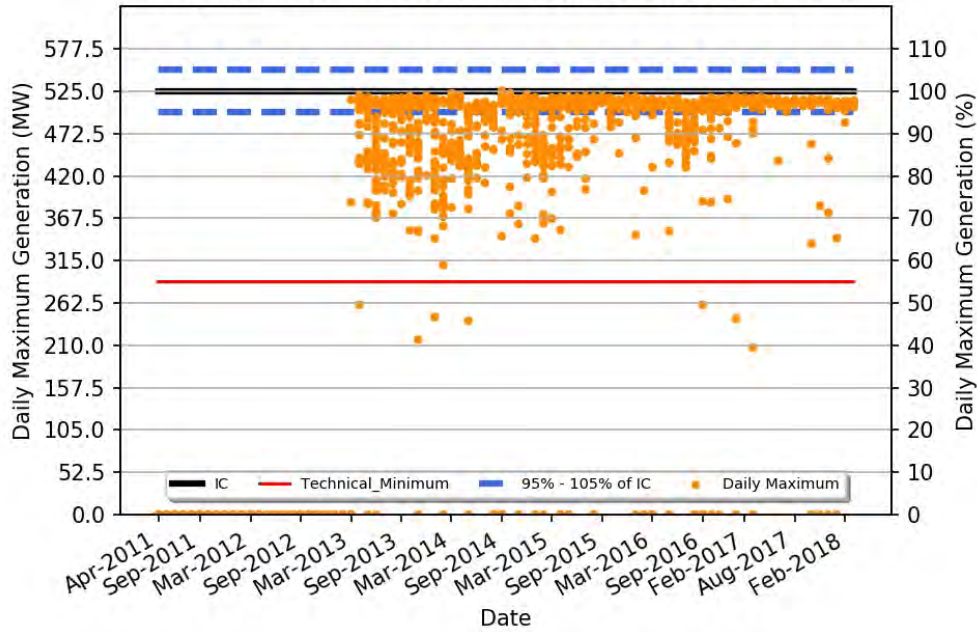


**MAITHON RB TPP UNIT - 1 525 MW**

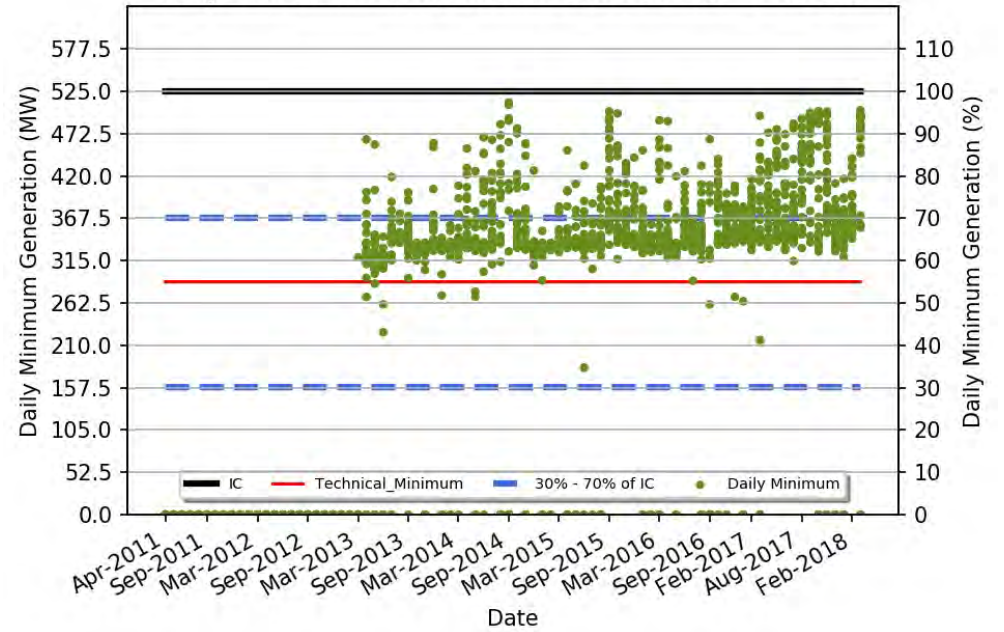
<b>Region</b>	<b>: Eastern Region</b>
<b>Number of Days Considered</b>	<b>: 1212</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 79 (%)</b>
(% of total days in operation)	
<b>No. Of Days Min Generation Achieved</b>	<b>: 49 (%)</b>
(% of total days in operation)	
<b>Average Flexibility</b>	<b>: 26 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 499</b>
<b>Daily Average (MW)</b>	<b>: 440</b>
<b>Average Daily Min (MW)</b>	<b>: 359</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 95</b>
<b>Daily Average/IC (%)</b>	<b>: 83</b>
<b>Average Daily Min/IC (%)</b>	<b>: 68</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 279</b>



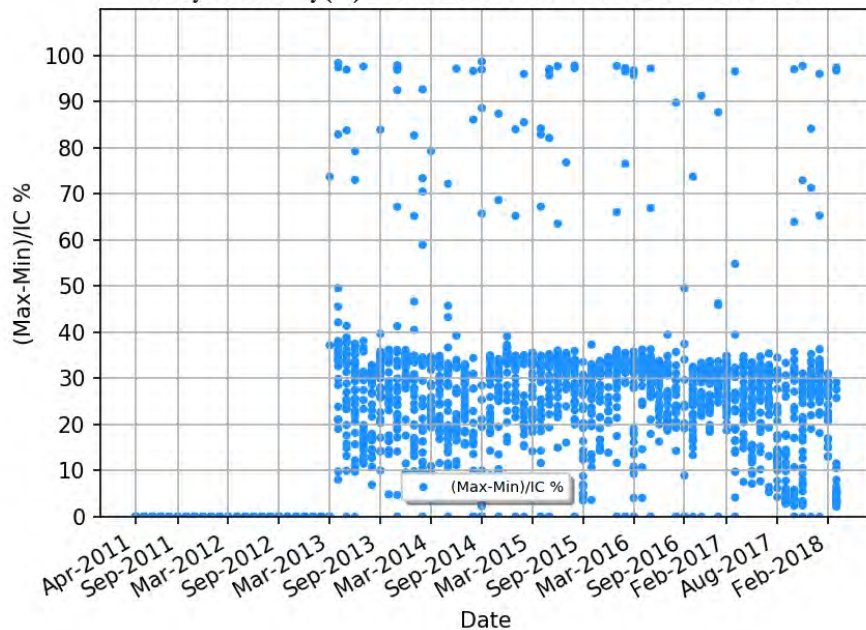
Daily Max Generation : MAITHON RB TPP UNIT - 2 525 MW



Daily Min Generation : MAITHON RB TPP UNIT - 2 525 MW



Daily Flexibility(%) : MAITHON RB TPP UNIT - 2 525 MW



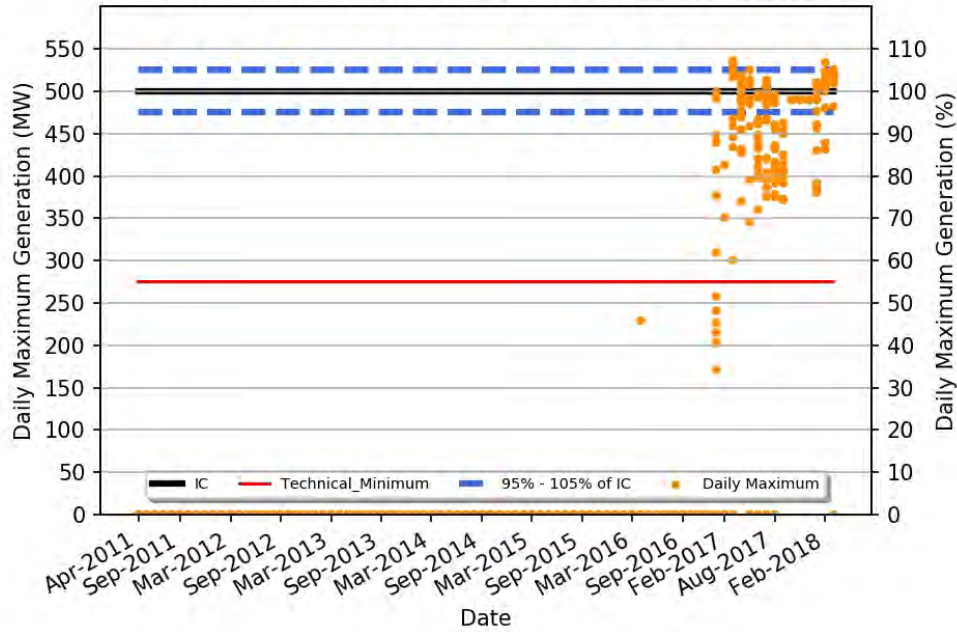
### MAITHON RB TPP UNIT - 2 525 MW

Region	: Eastern Region
Number of Days Considered	: 1693
No. Of Days Max Generation Achieved	: 74 (%)
(% of total days in operation)	
No. Of Days Min Generation Achieved	: 68 (%)
(% of total days in operation)	
Average Flexibility	: 27 (%)
Average Daily Max (MW)	: 495
Daily Average (MW)	: 432
Average Daily Min (MW)	: 350
Average Daily Max/ IC (%)	: 94
Daily Average/IC (%)	: 82
Average Daily Min/IC (%)	: 66
Variable Charge (Paisa/kWh)	: 279

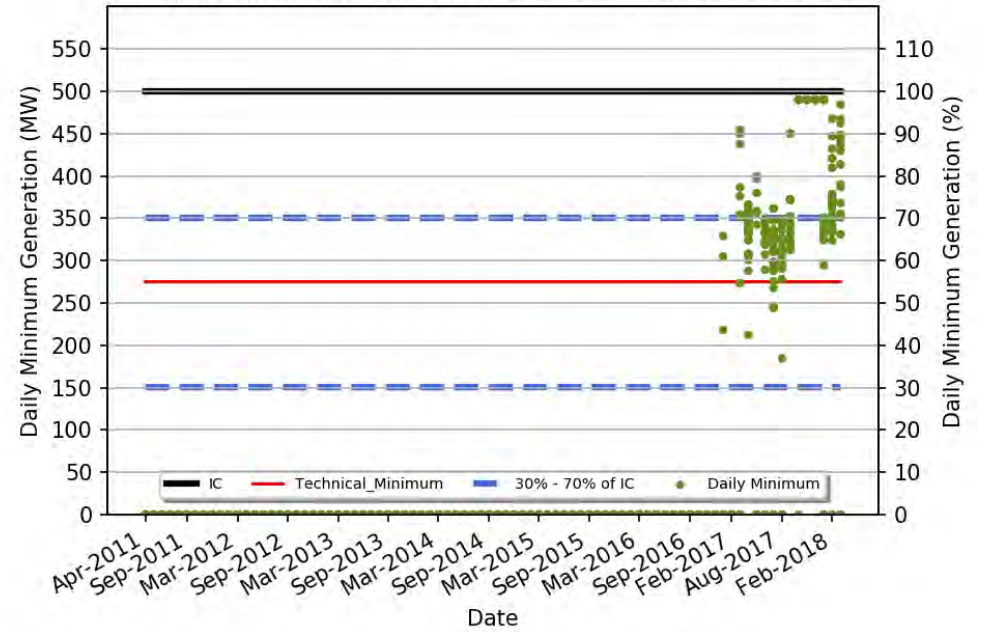
# JHARKHAND



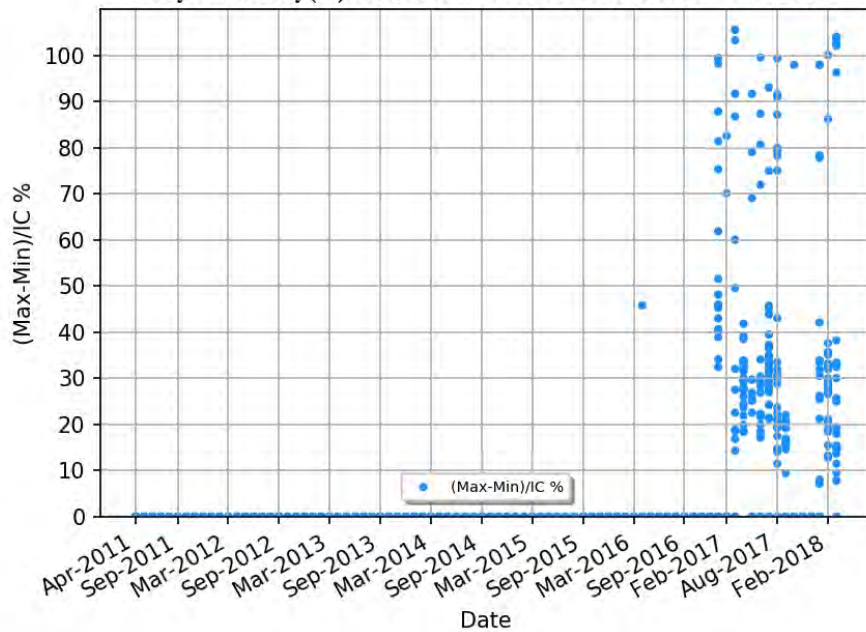
Daily Max Generation : BOKARO TPS 'A' EXP UNIT - 1 500 MW



Daily Min Generation : BOKARO TPS 'A' EXP UNIT - 1 500 MW



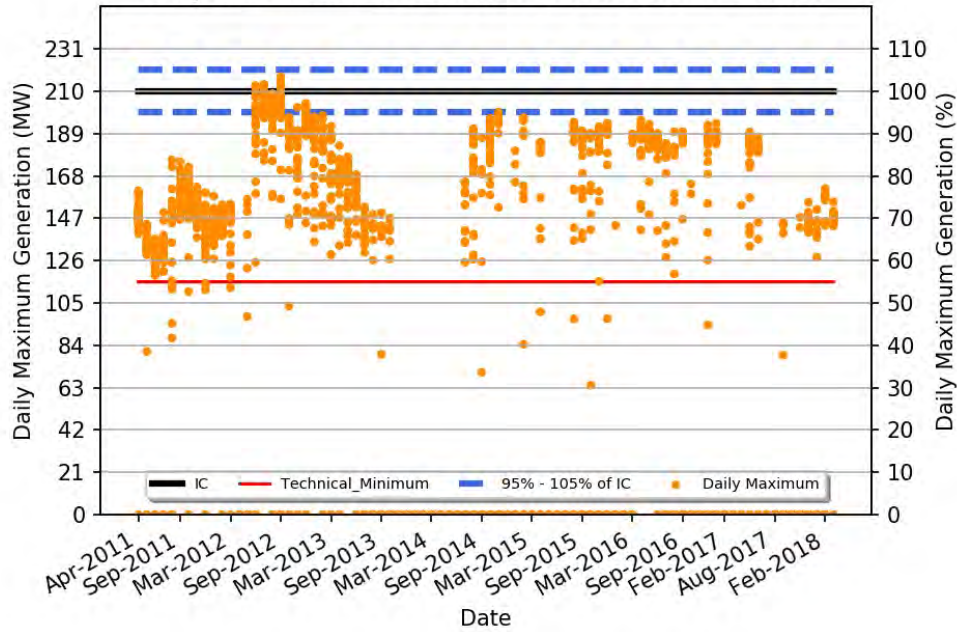
Daily Flexibility(%) : BOKARO TPS 'A' EXP UNIT - 1 500 MW



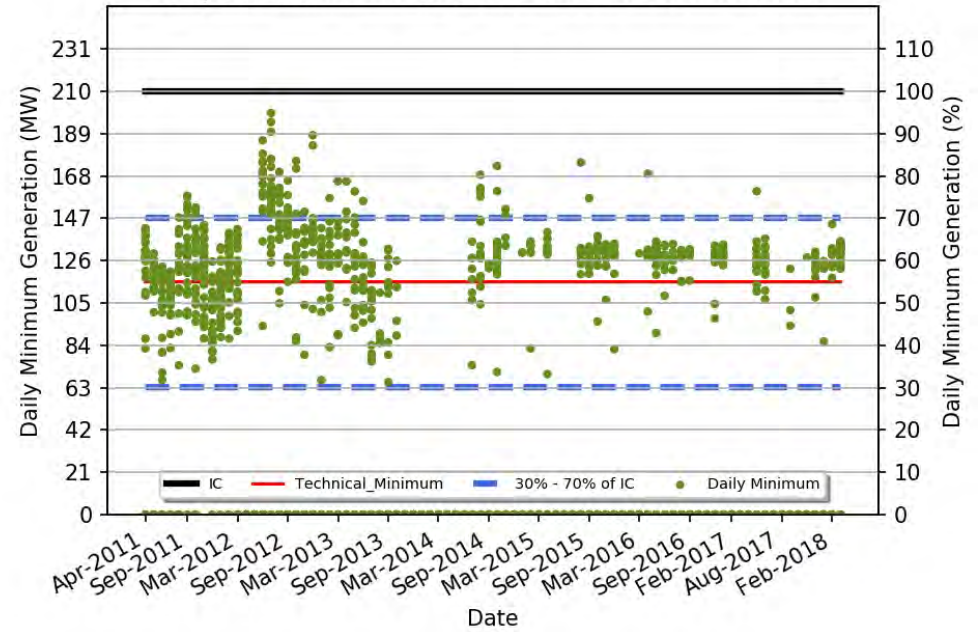
**BOKARO TPS 'A' EXP UNIT - 1 500 MW**

<b>Region</b>	<b>: Eastern Region</b>
<b>Number of Days Considered</b>	<b>: 329</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 67 (%)</b>
(% of total days in operation)	
<b>No. Of Days Min Generation Achieved</b>	<b>: 34 (%)</b>
(% of total days in operation)	
<b>Average Flexibility</b>	<b>: 22 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 474</b>
<b>Daily Average (MW)</b>	<b>: 421</b>
<b>Average Daily Min (MW)</b>	<b>: 361</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 94</b>
<b>Daily Average/IC (%)</b>	<b>: 84</b>
<b>Average Daily Min/IC (%)</b>	<b>: 72</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 211</b>

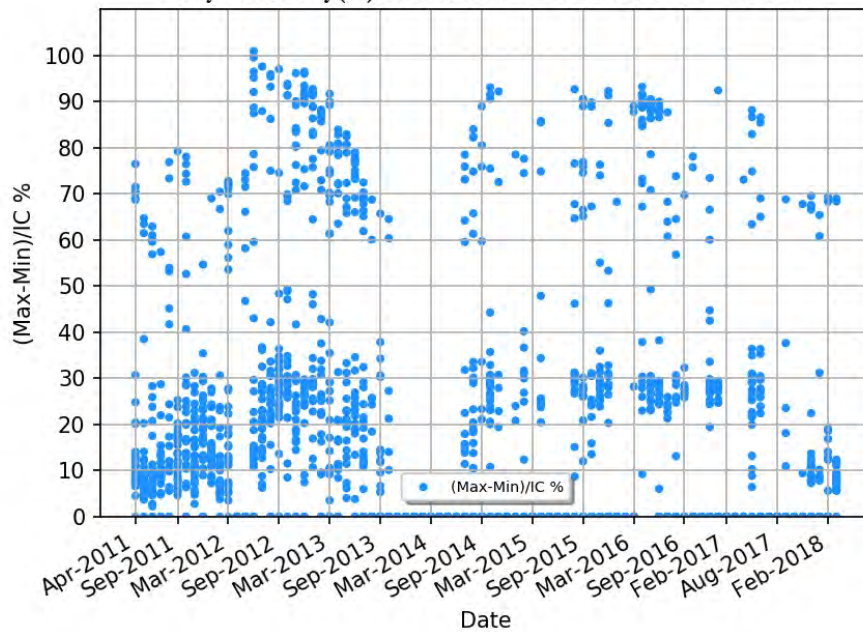
Daily Max Generation : BOKARO 'B' TPS UNIT - 3 210 MW



Daily Min Generation : BOKARO 'B' TPS UNIT - 3 210 MW



Daily Flexibility(%) : BOKARO 'B' TPS UNIT - 3 210 MW

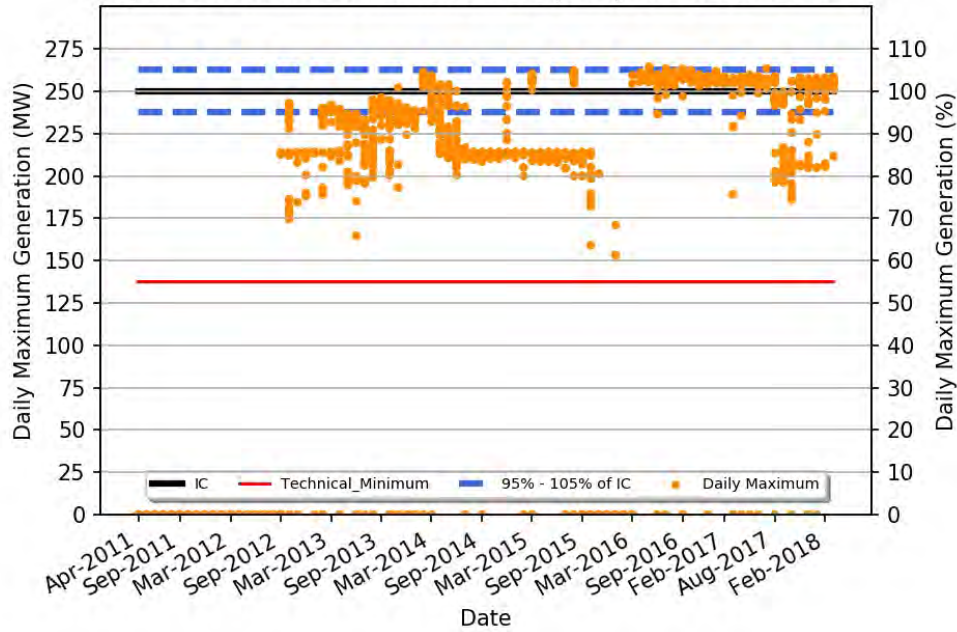


**BOKARO 'B' TPS UNIT - 3 210 MW**

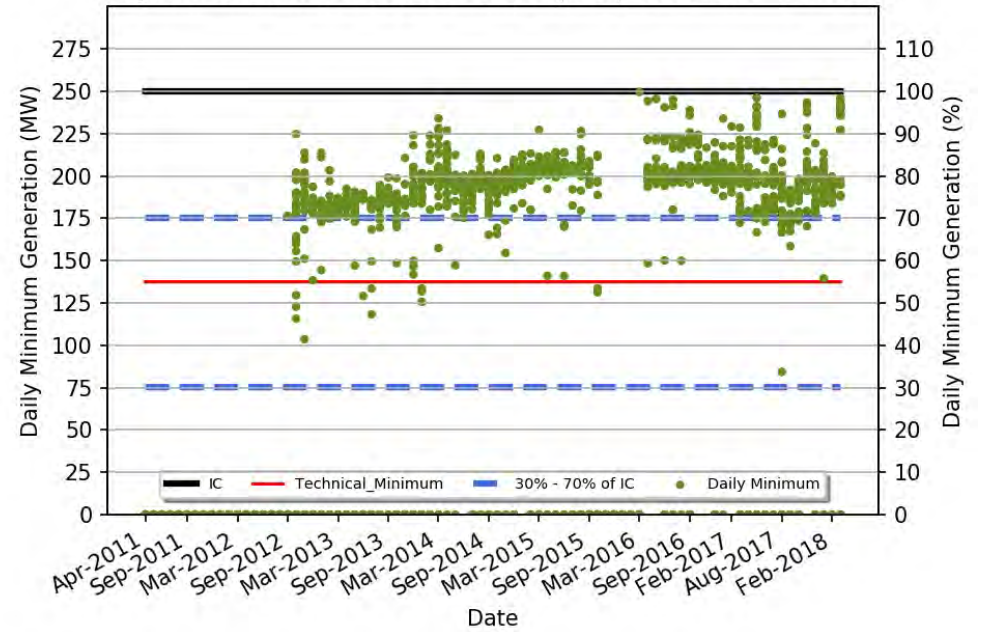
<b>Region</b>	<b>: Eastern Region</b>
<b>Number of Days Considered</b>	<b>: 1109</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 7 (%)</b>
(% of total days in operation)	
<b>No. Of Days Min Generation Achieved</b>	<b>: 69 (%)</b>
(% of total days in operation)	
<b>Average Flexibility</b>	<b>: 33 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 167</b>
<b>Daily Average (MW)</b>	<b>: 142</b>
<b>Average Daily Min (MW)</b>	<b>: 97</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 79</b>
<b>Daily Average/IC (%)</b>	<b>: 67</b>
<b>Average Daily Min/IC (%)</b>	<b>: 46</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 211</b>



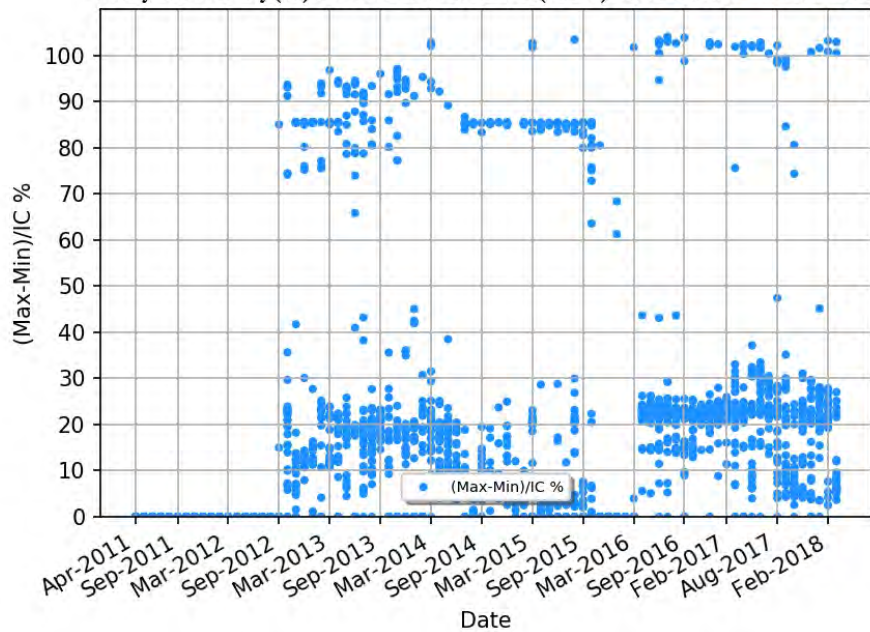
Daily Max Generation : CHANDRAPURA(DVC) TPS UNIT - 7 250 MW



Daily Min Generation : CHANDRAPURA(DVC) TPS UNIT - 7 250 MW



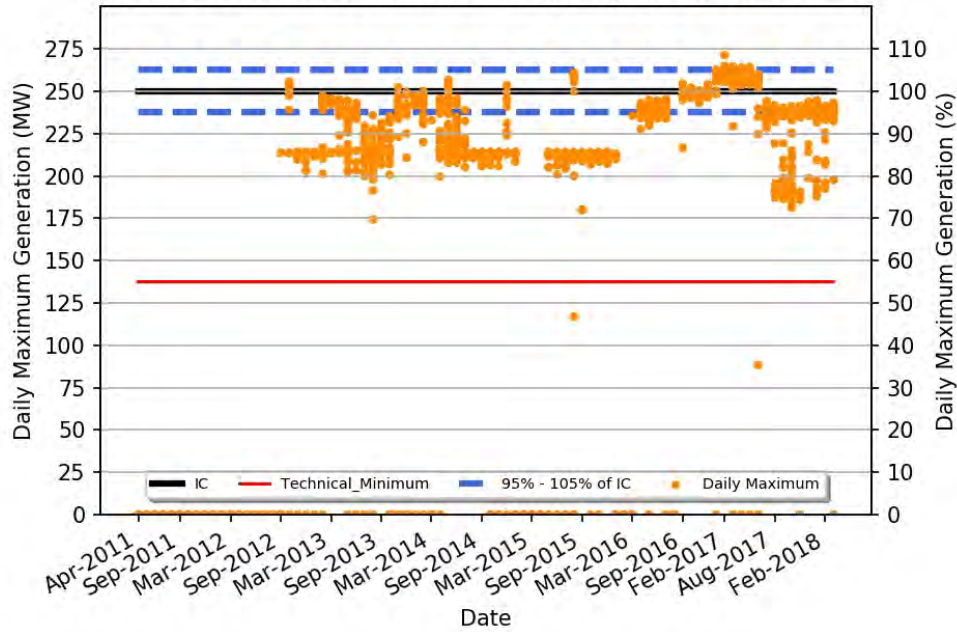
Daily Flexibility(%) : CHANDRAPURA(DVC) TPS UNIT - 7 250 MW



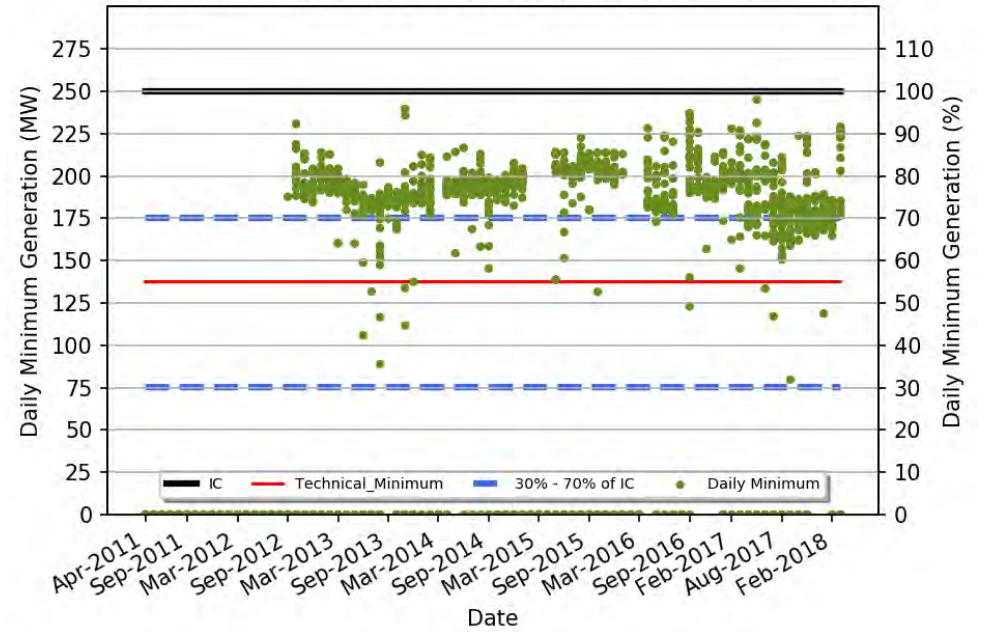
**CHANDRAPURA(DVC) TPS UNIT - 7 250 MW**

<b>Region</b>	<b>: Eastern Region</b>
<b>Number of Days Considered</b>	<b>: 1656</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 48 (%)</b>
<small>(% of total days in operation)</small>	
<b>No. Of Days Min Generation Achieved</b>	<b>: 4 (%)</b>
<small>(% of total days in operation)</small>	
<b>Average Flexibility</b>	<b>: 25 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 234</b>
<b>Daily Average (MW)</b>	<b>: 211</b>
<b>Average Daily Min (MW)</b>	<b>: 171</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 93</b>
<b>Daily Average/IC (%)</b>	<b>: 84</b>
<b>Average Daily Min/IC (%)</b>	<b>: 68</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 204</b>

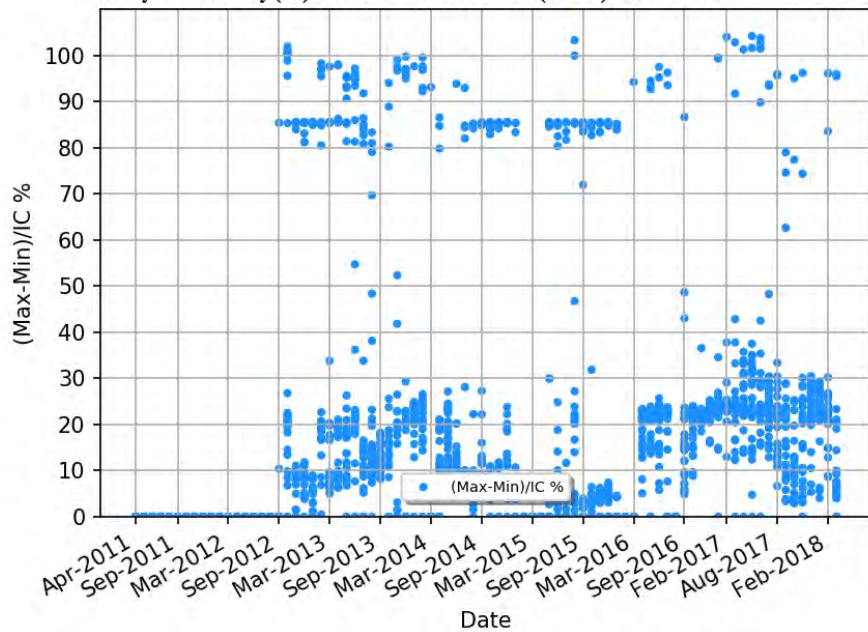
Daily Max Generation : CHANDRAPURA(DVC) TPS UNIT - 8 250 MW



Daily Min Generation : CHANDRAPURA(DVC) TPS UNIT - 8 250 MW



Daily Flexibility(%) : CHANDRAPURA(DVC) TPS UNIT - 8 250 MW

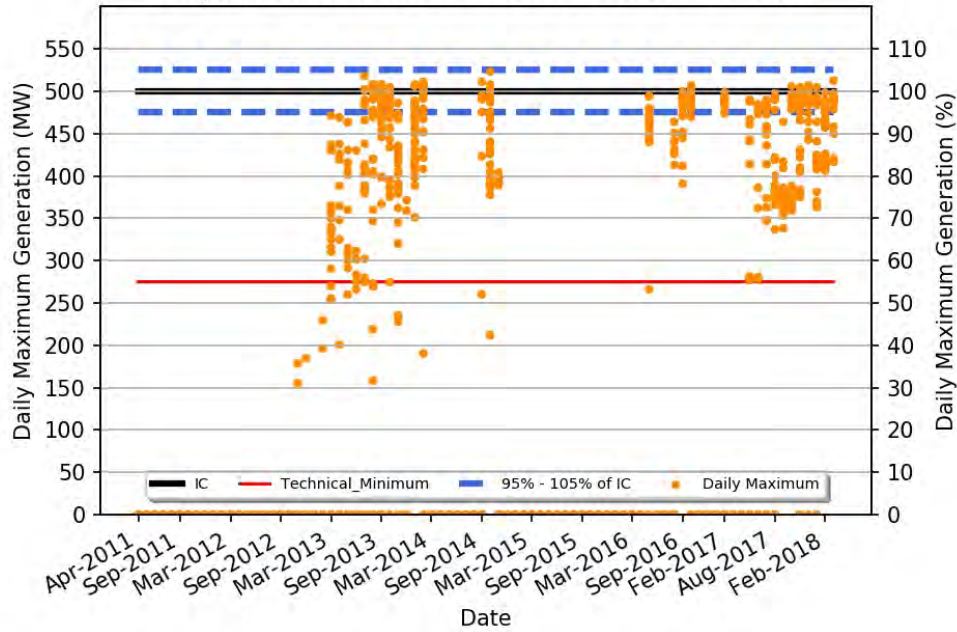


### CHANDRAPURA(DVC) TPS UNIT - 8 250 MW

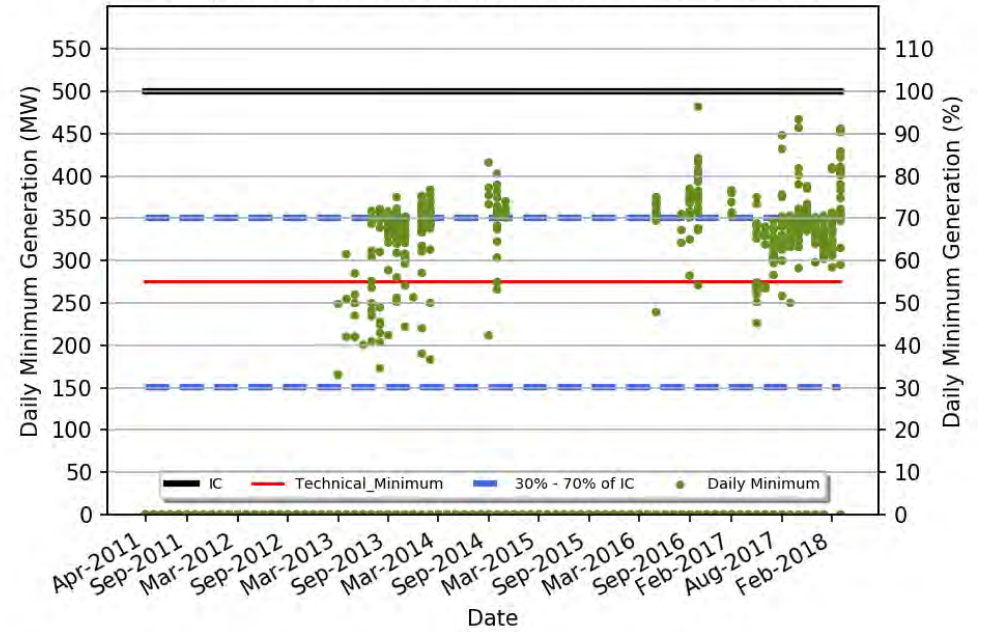
Region	: Eastern Region
Number of Days Considered	: 1601
No. Of Days Max Generation Achieved	: 41 (%)
(% of total days in operation)	
No. Of Days Min Generation Achieved	: 9 (%)
(% of total days in operation)	
Average Flexibility	: 24 (%)
Average Daily Max (MW)	: 229
Daily Average (MW)	: 207
Average Daily Min (MW)	: 167
Average Daily Max/ IC (%)	: 91
Daily Average/IC (%)	: 83
Average Daily Min/IC (%)	: 66
Variable Charge (Paisa/kWh)	: 204



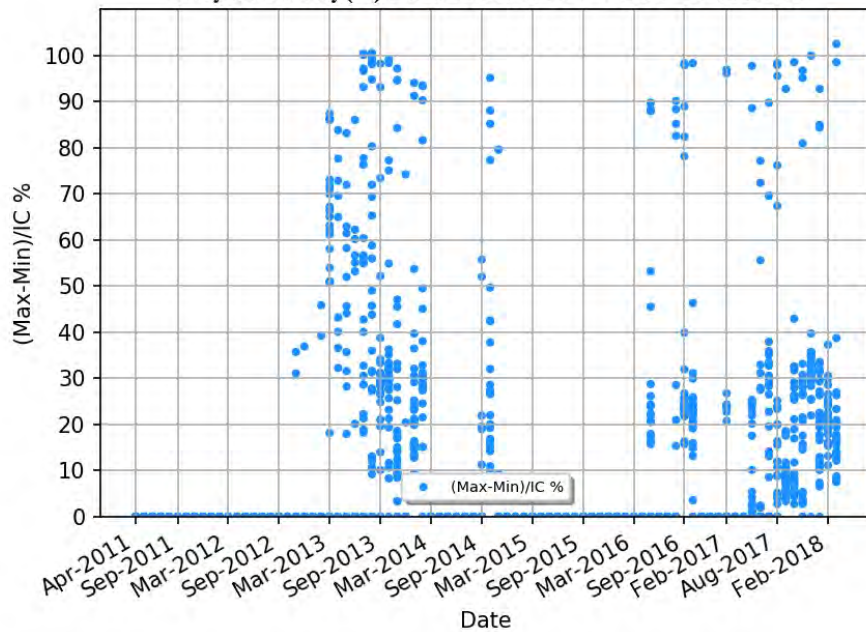
Daily Max Generation : KODARMA TPP UNIT - 1 500 MW



Daily Min Generation : KODARMA TPP UNIT - 1 500 MW



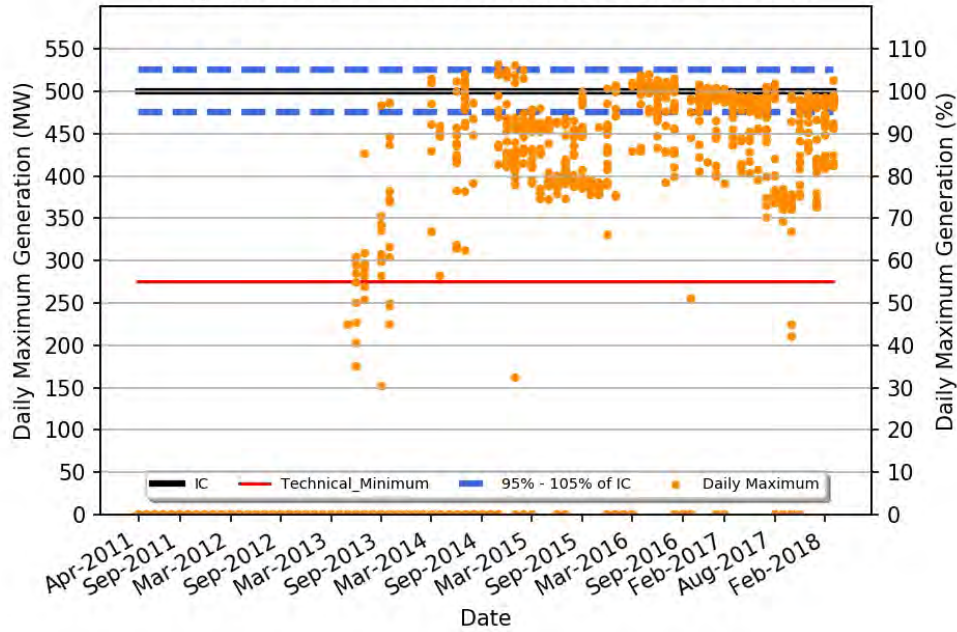
Daily Flexibility(%) : KODARMA TPP UNIT - 1 500 MW



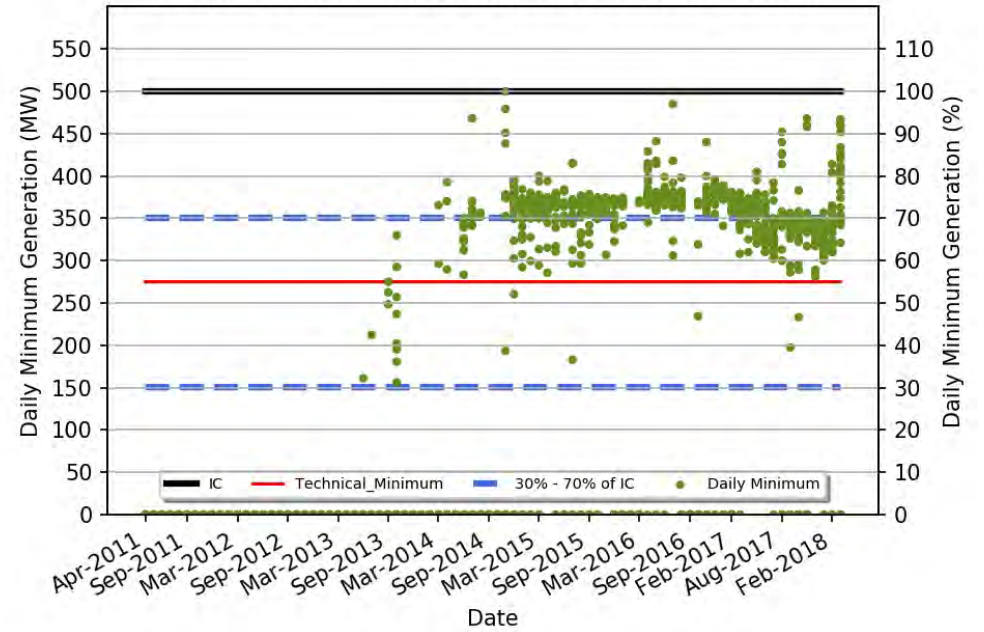
**KODARMA TPP UNIT - 1 500 MW**

<b>Region</b>	<b>: Eastern Region</b>
<b>Number of Days Considered</b>	<b>: 608</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 43 (%)</b>
(% of total days in operation)	
<b>No. Of Days Min Generation Achieved</b>	<b>: 50 (%)</b>
(% of total days in operation)	
<b>Average Flexibility</b>	<b>: 30 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 443</b>
<b>Daily Average (MW)</b>	<b>: 375</b>
<b>Average Daily Min (MW)</b>	<b>: 289</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 88</b>
<b>Daily Average/IC (%)</b>	<b>: 75</b>
<b>Average Daily Min/IC (%)</b>	<b>: 57</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 412</b>

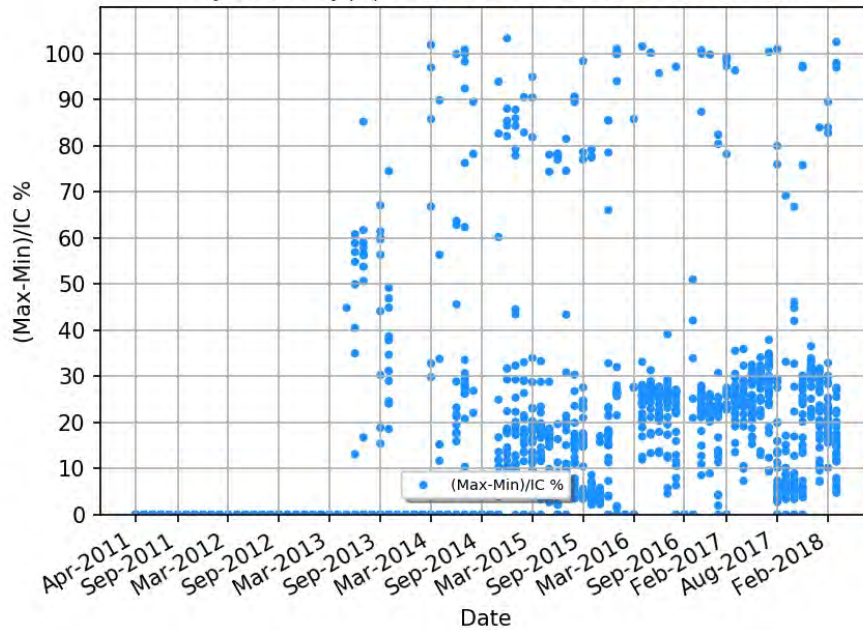
Daily Max Generation : KODARMA TPP UNIT - 2 500 MW



Daily Min Generation : KODARMA TPP UNIT - 2 500 MW



Daily Flexibility(%) : KODARMA TPP UNIT - 2 500 MW

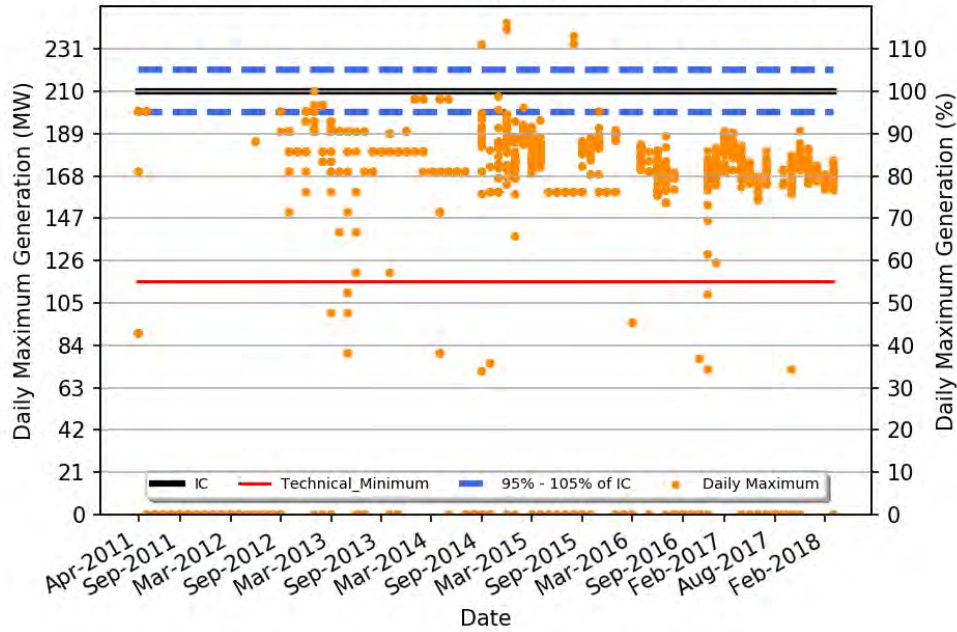


**KODARMA TPP UNIT - 2 500 MW**

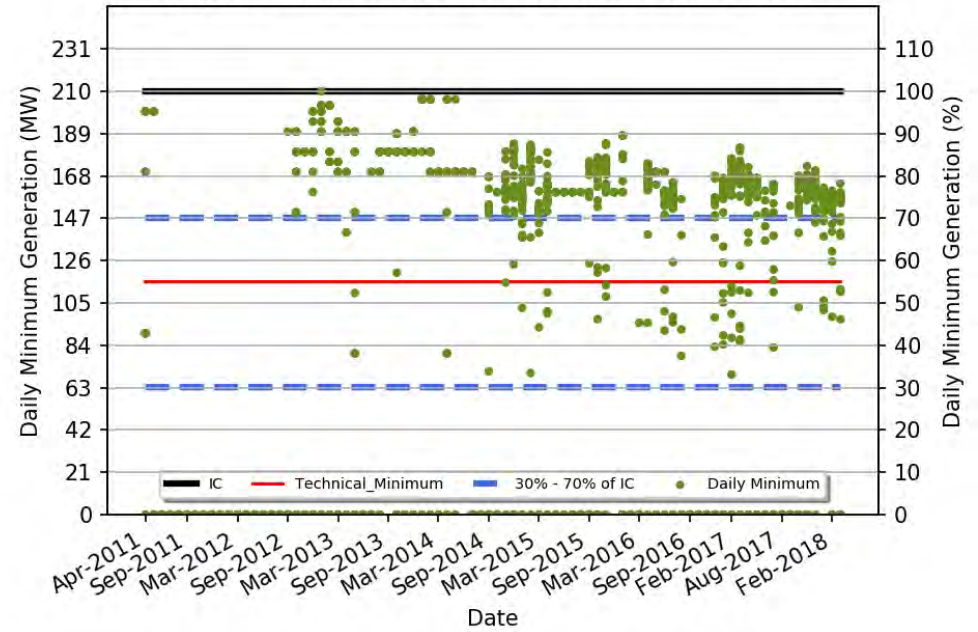
<b>Region</b>	<b>: Eastern Region</b>
<b>Number of Days Considered</b>	<b>: 1067</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 45 (%)</b>
(% of total days in operation)	
<b>No. Of Days Min Generation Achieved</b>	<b>: 27 (%)</b>
(% of total days in operation)	
<b>Average Flexibility</b>	<b>: 24 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 451</b>
<b>Daily Average (MW)</b>	<b>: 394</b>
<b>Average Daily Min (MW)</b>	<b>: 329</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 90</b>
<b>Daily Average/IC (%)</b>	<b>: 78</b>
<b>Average Daily Min/IC (%)</b>	<b>: 65</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 412</b>



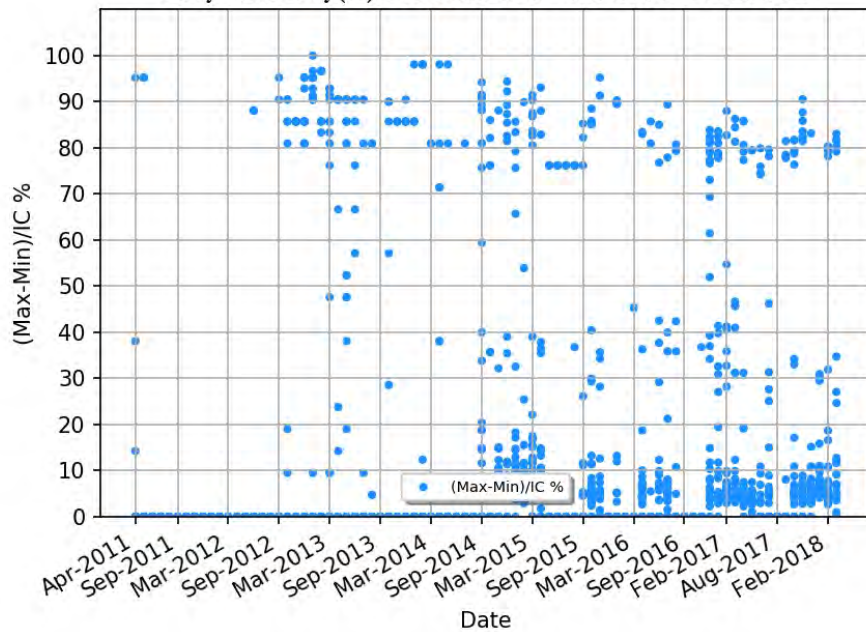
Daily Max Generation : TENUGHAT TPS UNIT - 1 210 MW



Daily Min Generation : TENUGHAT TPS UNIT - 1 210 MW



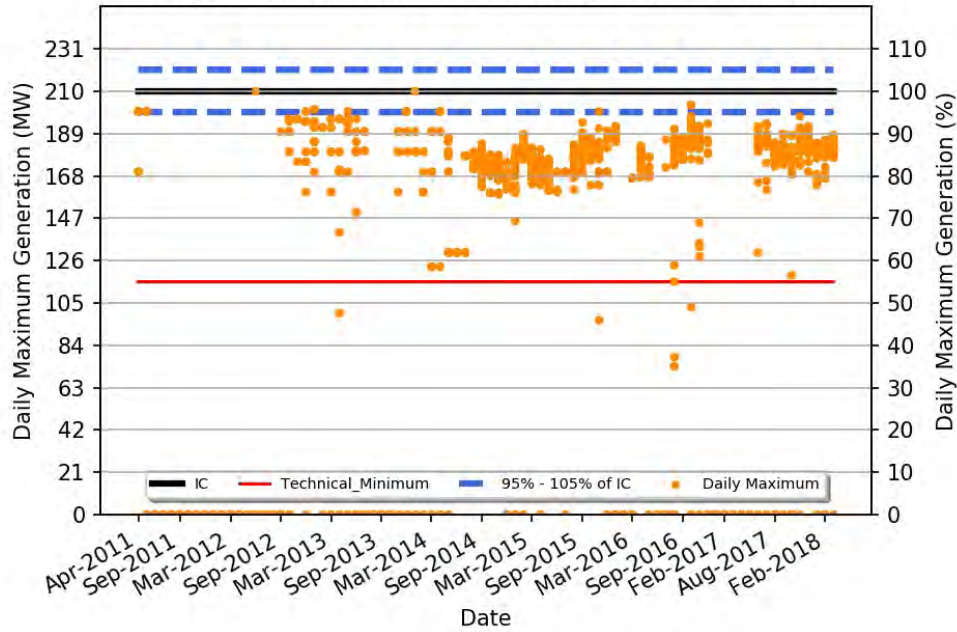
Daily Flexibility(%) : TENUGHAT TPS UNIT - 1 210 MW



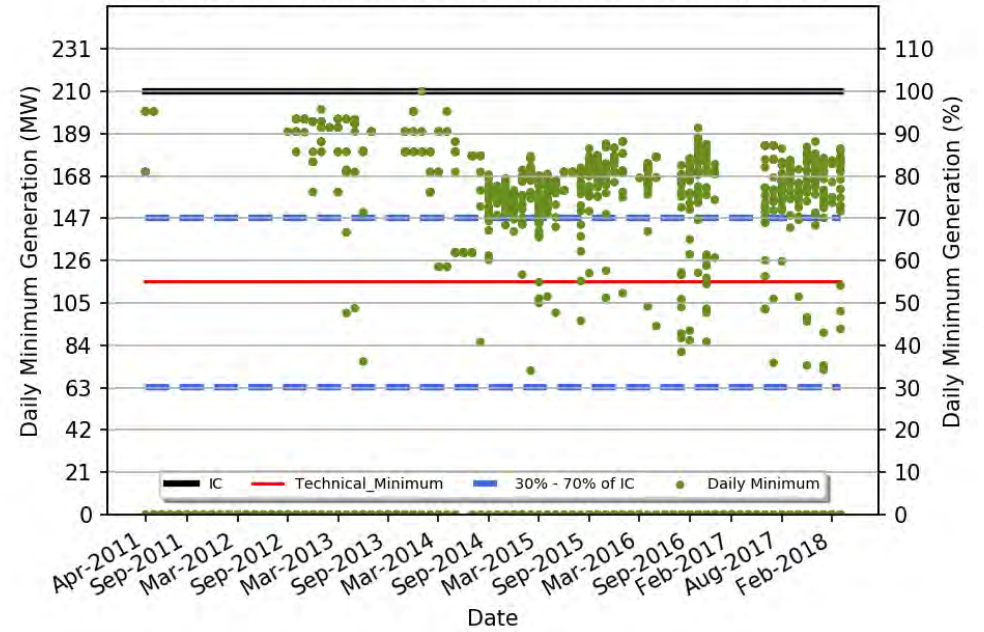
**TENUGHAT TPS UNIT - 1 210 MW**

<b>Region</b>	<b>: Eastern Region</b>
<b>Number of Days Considered</b>	<b>: 1439</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 7 (%)</b>
(% of total days in operation)	
<b>No. Of Days Min Generation Achieved</b>	<b>: 7 (%)</b>
(% of total days in operation)	
<b>Average Flexibility</b>	<b>: 17 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 176</b>
<b>Daily Average (MW)</b>	<b>: 165</b>
<b>Average Daily Min (MW)</b>	<b>: 140</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 83</b>
<b>Daily Average/IC (%)</b>	<b>: 78</b>
<b>Average Daily Min/IC (%)</b>	<b>: 66</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 193</b>

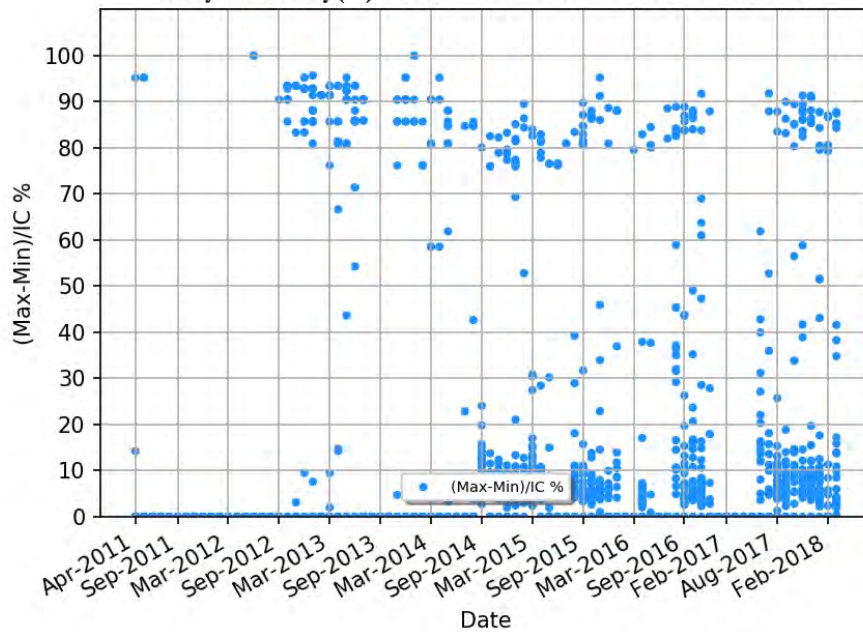
Daily Max Generation : TENUGHAT TPS UNIT - 2 210 MW



Daily Min Generation : TENUGHAT TPS UNIT - 2 210 MW



Daily Flexibility(%) : TENUGHAT TPS UNIT - 2 210 MW



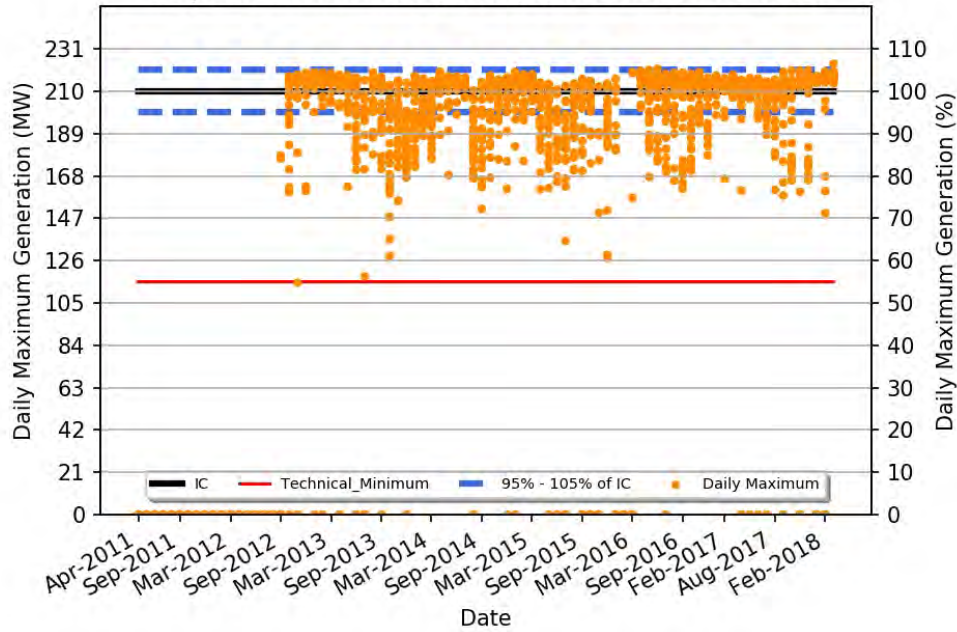
**TENUGHAT TPS UNIT - 2 210 MW**

<b>Region</b>	<b>: Eastern Region</b>
<b>Number of Days Considered</b>	<b>: 1443</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 3 (%)</b>
(% of total days in operation)	
<b>No. Of Days Min Generation Achieved</b>	<b>: 11 (%)</b>
(% of total days in operation)	
<b>Average Flexibility</b>	<b>: 18 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 177</b>
<b>Daily Average (MW)</b>	<b>: 166</b>
<b>Average Daily Min (MW)</b>	<b>: 138</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 84</b>
<b>Daily Average/IC (%)</b>	<b>: 79</b>
<b>Average Daily Min/IC (%)</b>	<b>: 65</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 193</b>

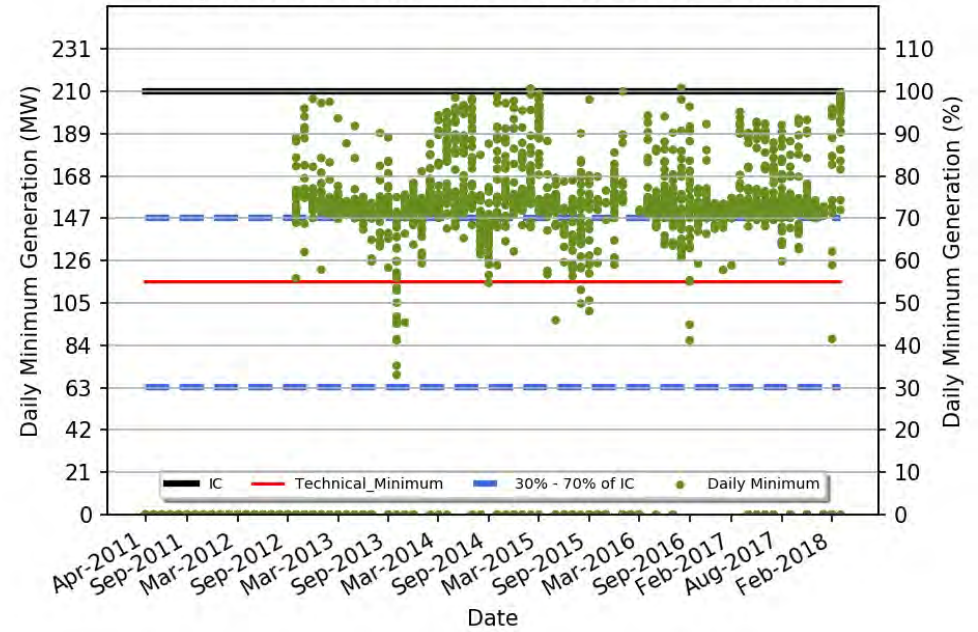


# WEST BENGAL

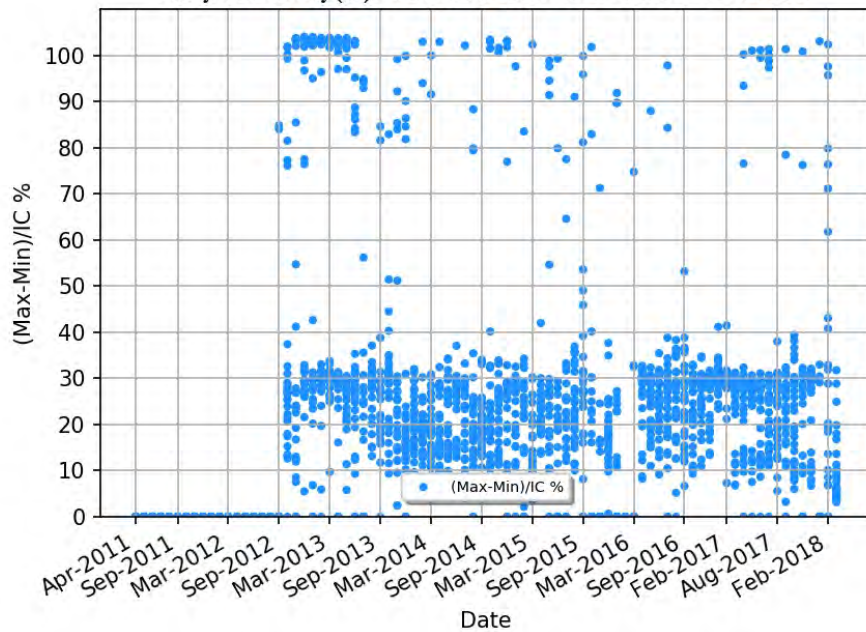
Daily Max Generation : BAKRESWAR TPS UNIT - 1 210 MW



Daily Min Generation : BAKRESWAR TPS UNIT - 1 210 MW



Daily Flexibility(%) : BAKRESWAR TPS UNIT - 1 210 MW

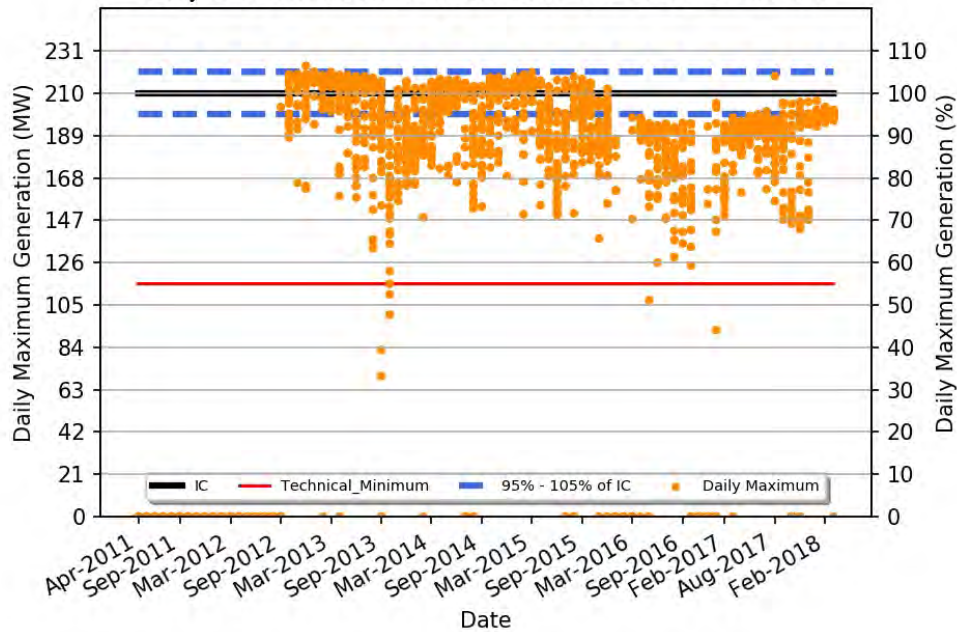


**BAKRESWAR TPS UNIT - 1 210 MW**

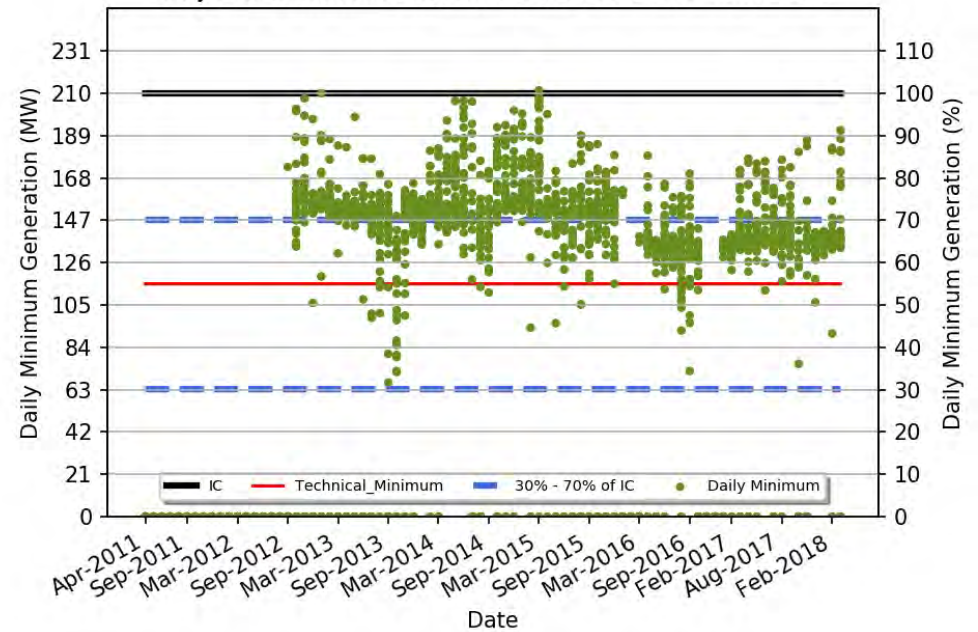
<b>Region</b>	<b>: Eastern Region</b>
<b>Number of Days Considered</b>	<b>: 1721</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 74 (%)</b>
(% of total days in operation)	
<b>No. Of Days Min Generation Achieved</b>	<b>: 15 (%)</b>
(% of total days in operation)	
<b>Average Flexibility</b>	<b>: 28 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 205</b>
<b>Daily Average (MW)</b>	<b>: 180</b>
<b>Average Daily Min (MW)</b>	<b>: 145</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 97</b>
<b>Daily Average/IC (%)</b>	<b>: 85</b>
<b>Average Daily Min/IC (%)</b>	<b>: 69</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 252</b>



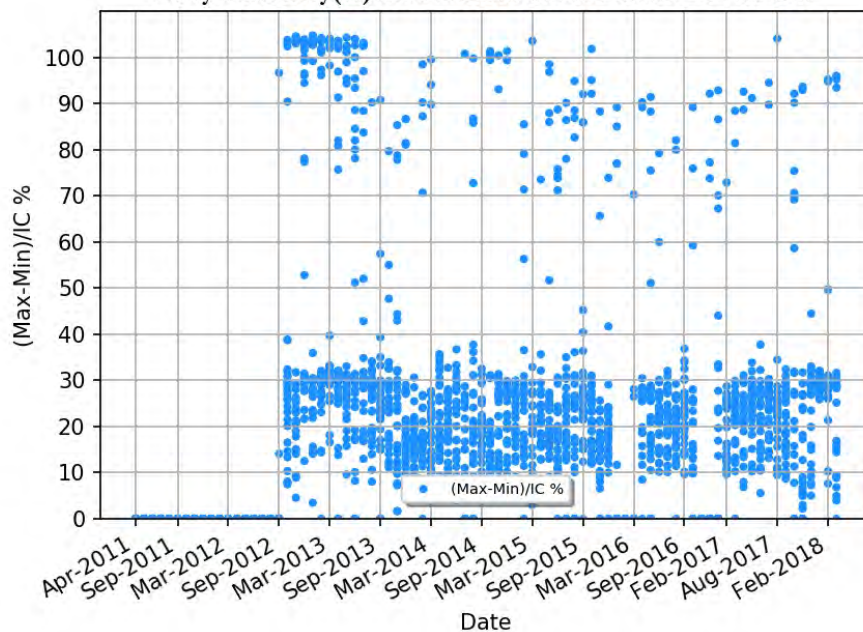
Daily Max Generation : BAKRESWAR TPS UNIT - 3 210 MW



Daily Min Generation : BAKRESWAR TPS UNIT - 3 210 MW



Daily Flexibility(%) : BAKRESWAR TPS UNIT - 3 210 MW

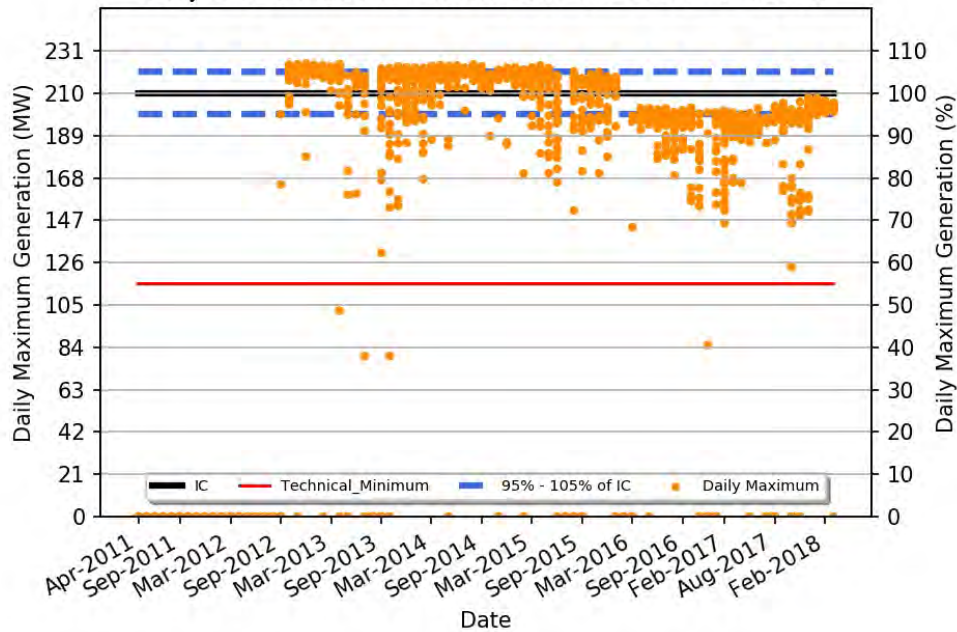


**BAKRESWAR TPS UNIT - 3 210 MW**

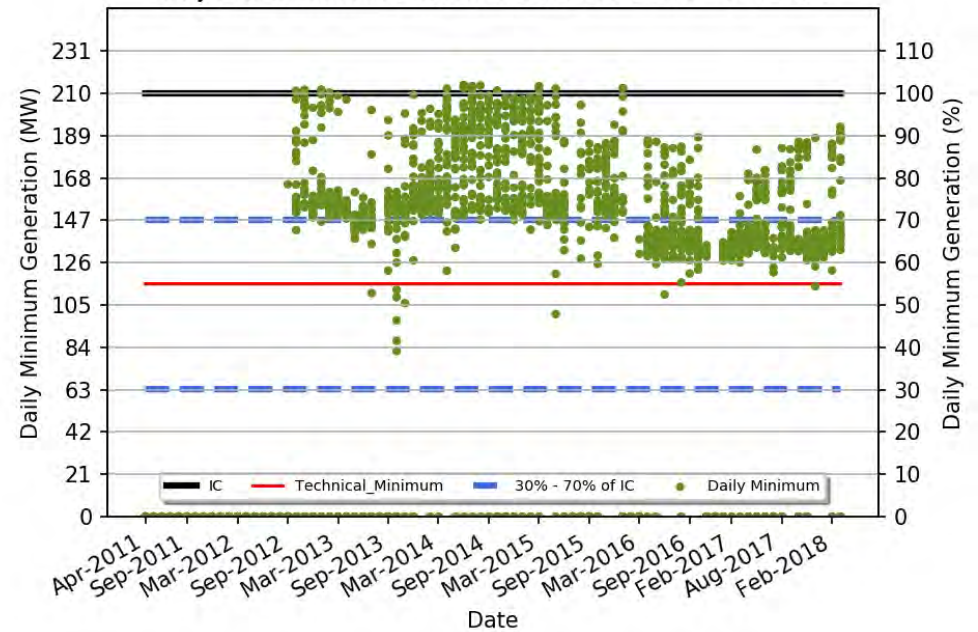
<b>Region</b>	<b>: Eastern Region</b>
<b>Number of Days Considered</b>	<b>: 1736</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 41 (%)</b>
(% of total days in operation)	
<b>No. Of Days Min Generation Achieved</b>	<b>: 40 (%)</b>
(% of total days in operation)	
<b>Average Flexibility</b>	<b>: 28 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 194</b>
<b>Daily Average (MW)</b>	<b>: 170</b>
<b>Average Daily Min (MW)</b>	<b>: 134</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 92</b>
<b>Daily Average/IC (%)</b>	<b>: 81</b>
<b>Average Daily Min/IC (%)</b>	<b>: 64</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 252</b>



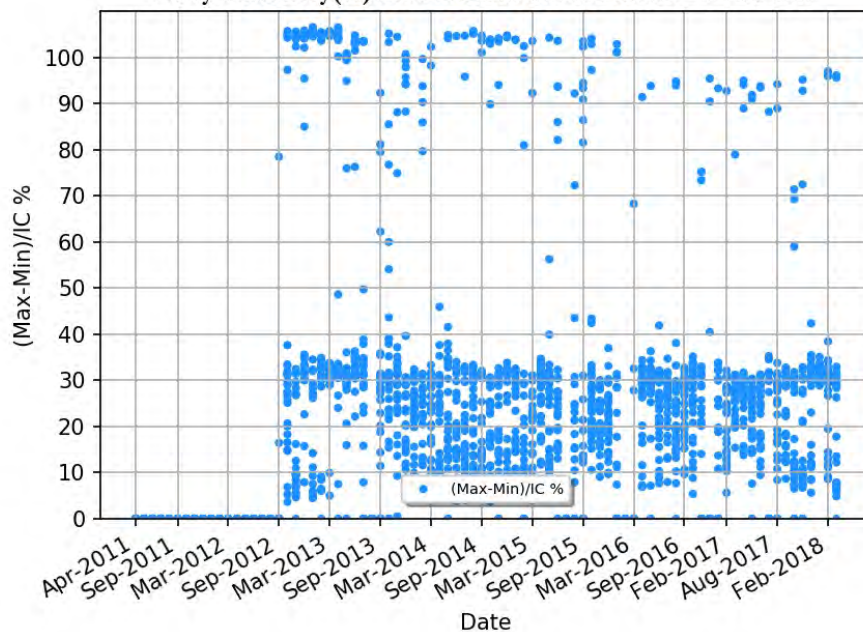
Daily Max Generation : BAKRESWAR TPS UNIT - 4 210 MW



Daily Min Generation : BAKRESWAR TPS UNIT - 4 210 MW



Daily Flexibility(%) : BAKRESWAR TPS UNIT - 4 210 MW

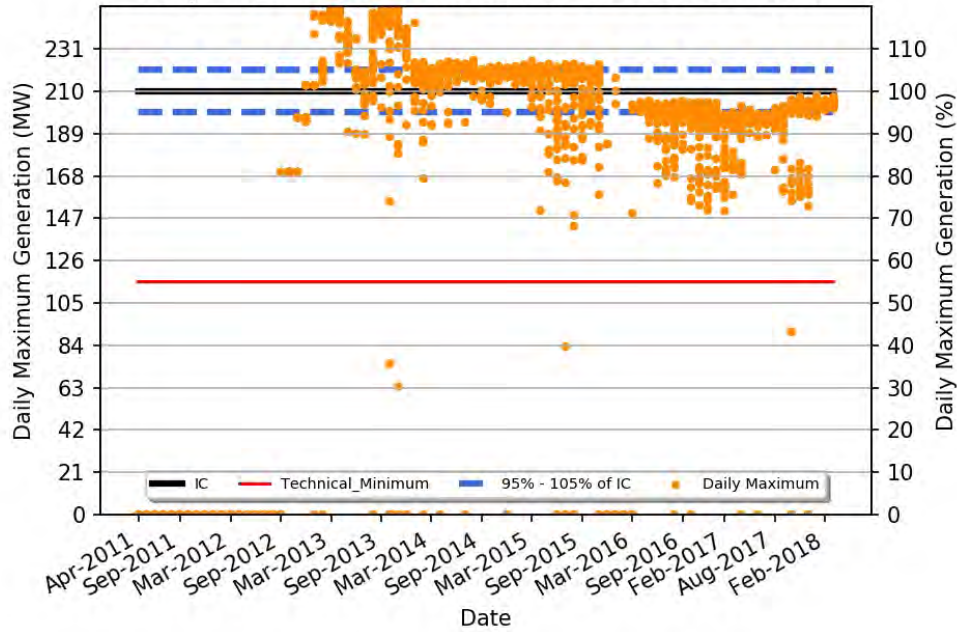


**BAKRESWAR TPS UNIT - 4 210 MW**

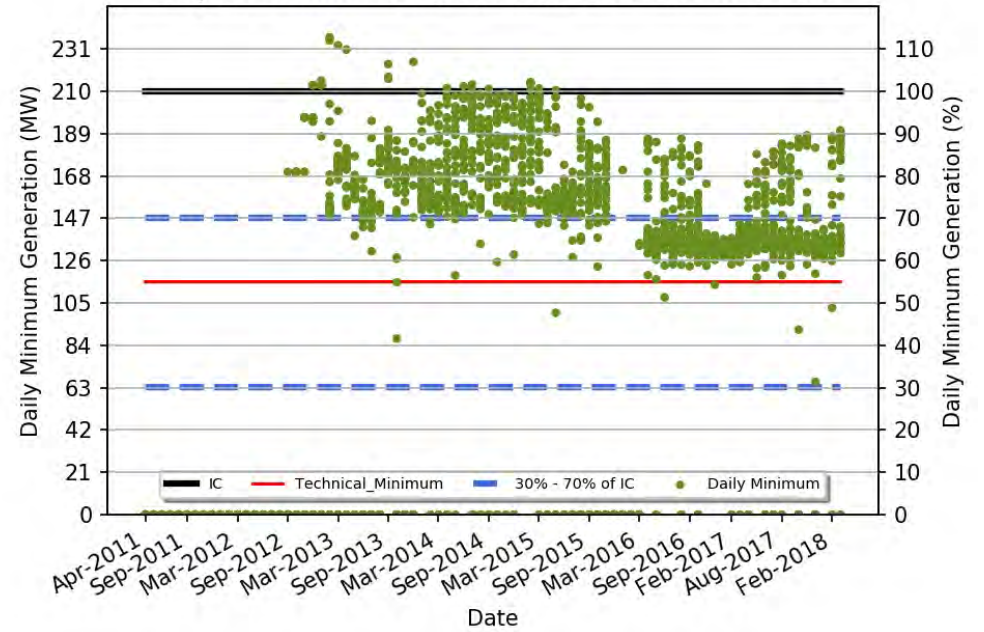
<b>Region</b>	<b>: Eastern Region</b>
<b>Number of Days Considered</b>	<b>: 1681</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 54 (%)</b>
(% of total days in operation)	
<b>No. Of Days Min Generation Achieved</b>	<b>: 30 (%)</b>
(% of total days in operation)	
<b>Average Flexibility</b>	<b>: 30 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 207</b>
<b>Daily Average (MW)</b>	<b>: 182</b>
<b>Average Daily Min (MW)</b>	<b>: 142</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 98</b>
<b>Daily Average/IC (%)</b>	<b>: 87</b>
<b>Average Daily Min/IC (%)</b>	<b>: 67</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 252</b>



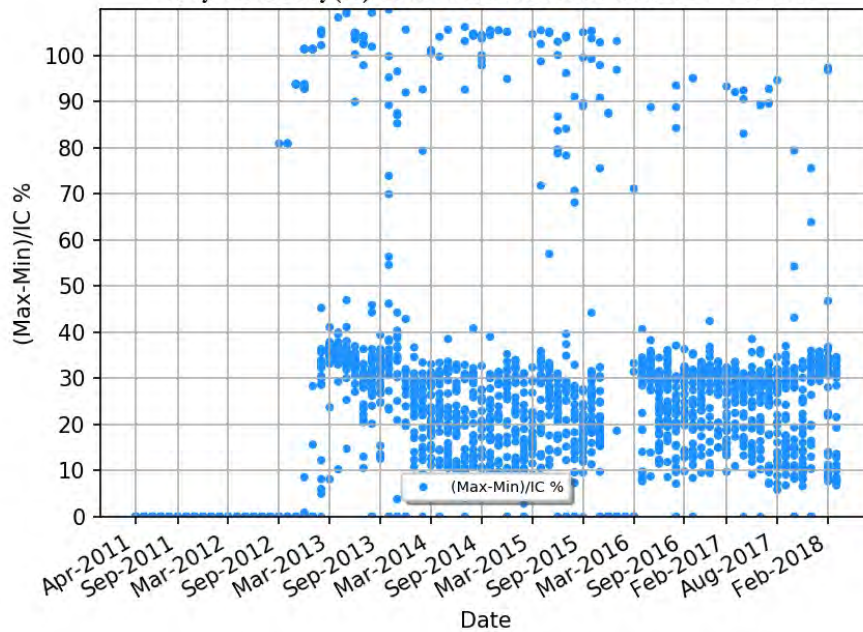
Daily Max Generation : BAKRESWAR TPS UNIT - 5 210 MW



Daily Min Generation : BAKRESWAR TPS UNIT - 5 210 MW



Daily Flexibility(%) : BAKRESWAR TPS UNIT - 5 210 MW

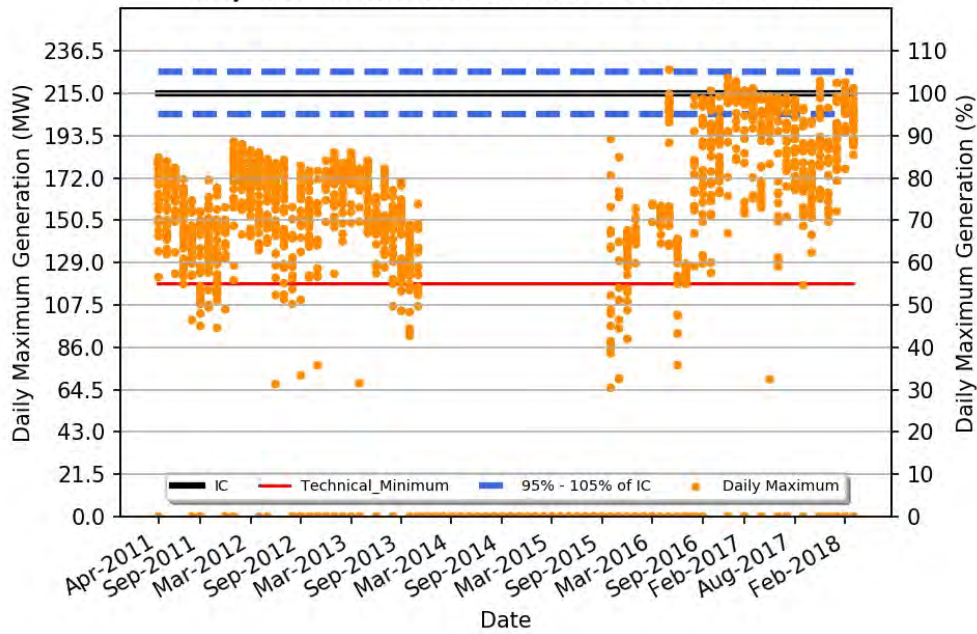


**BAKRESWAR TPS UNIT - 5 210 MW**

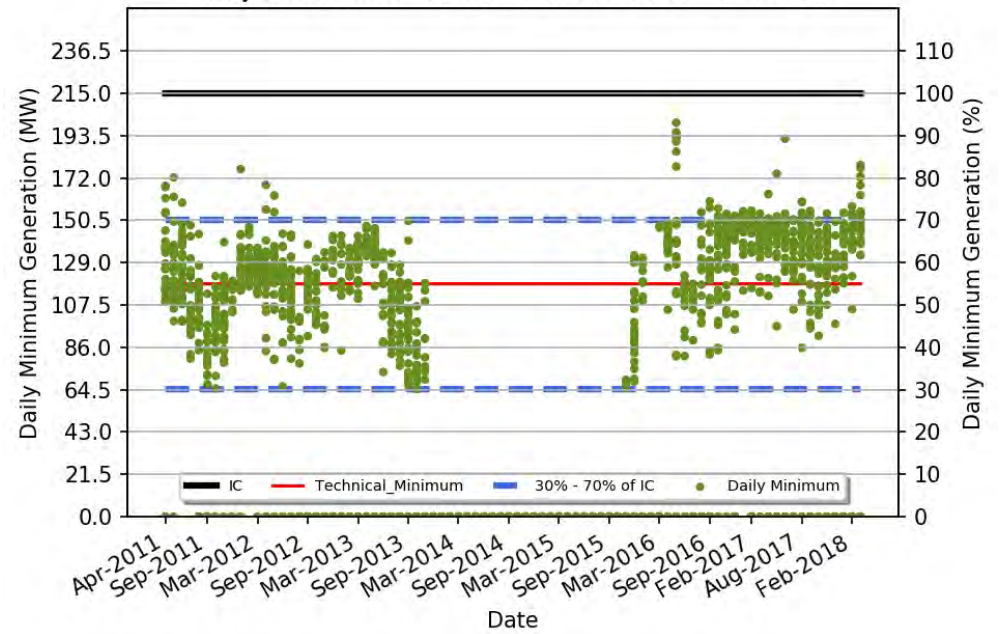
<b>Region</b>	<b>: Eastern Region</b>
<b>Number of Days Considered</b>	<b>: 1777</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 44 (%)</b>
(% of total days in operation)	
<b>No. Of Days Min Generation Achieved</b>	<b>: 31 (%)</b>
(% of total days in operation)	
<b>Average Flexibility</b>	<b>: 30 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 208</b>
<b>Daily Average (MW)</b>	<b>: 184</b>
<b>Average Daily Min (MW)</b>	<b>: 145</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 99</b>
<b>Daily Average/IC (%)</b>	<b>: 87</b>
<b>Average Daily Min/IC (%)</b>	<b>: 69</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 252</b>



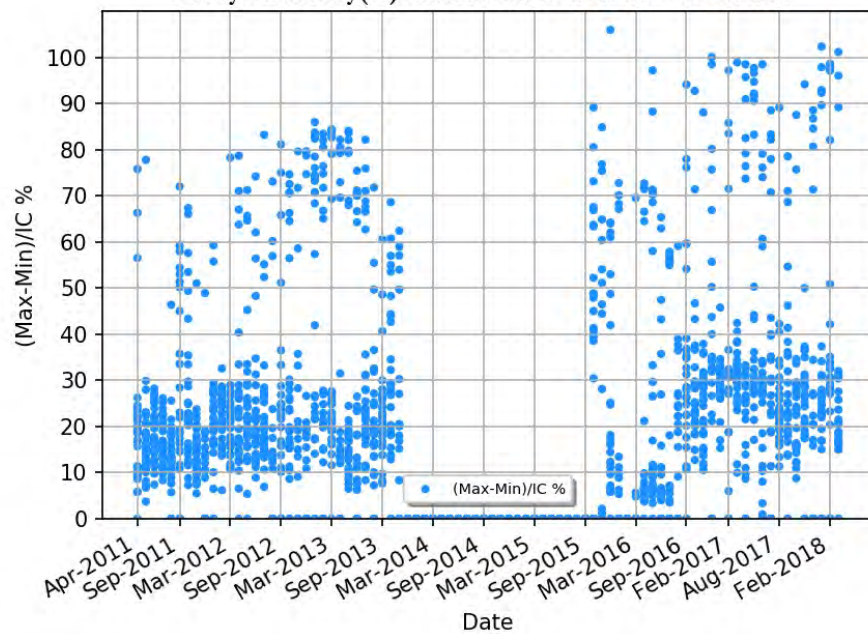
Daily Max Generation : BANDEL TPS UNIT - 5 215 MW



Daily Min Generation : BANDEL TPS UNIT - 5 215 MW



Daily Flexibility(%): BANDEL TPS UNIT - 5 215 MW

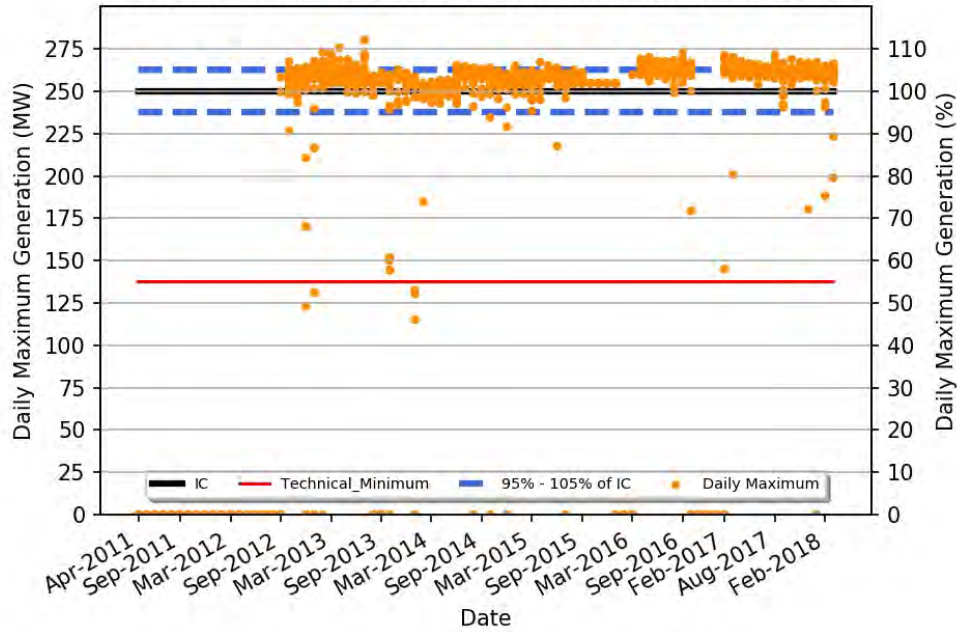


**BANDEL TPS UNIT - 5 215 MW**

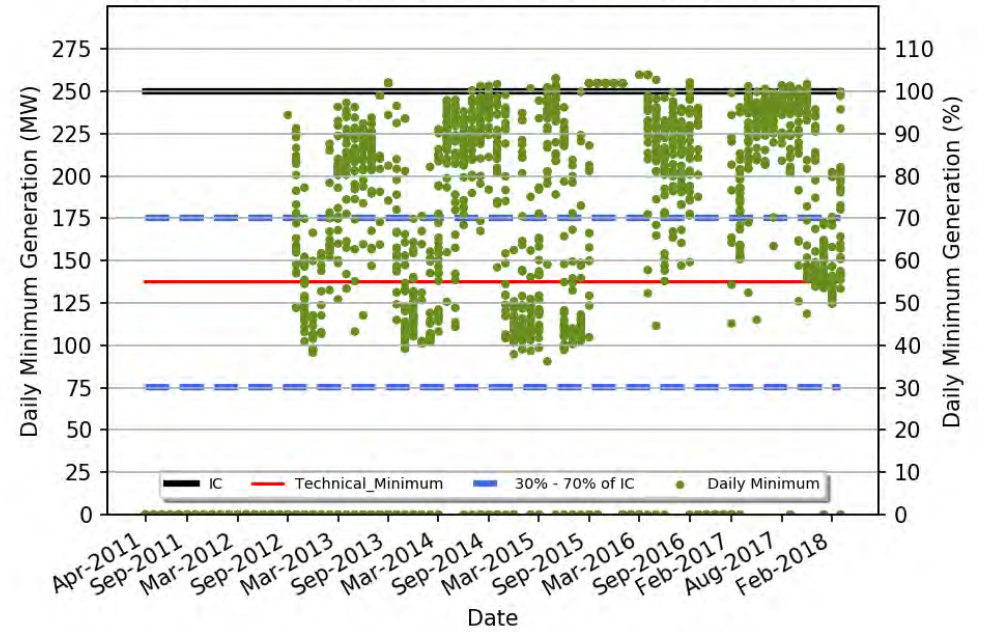
<b>Region</b>	<b>: Eastern Region</b>
<b>Number of Days Considered</b>	<b>: 1416</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 15 (%)</b>
(% of total days in operation)	
<b>No. Of Days Min Generation Achieved</b>	<b>: 80 (%)</b>
(% of total days in operation)	
<b>Average Flexibility</b>	<b>: 28 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 168</b>
<b>Daily Average (MW)</b>	<b>: 142</b>
<b>Average Daily Min (MW)</b>	<b>: 107</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 78</b>
<b>Daily Average/IC (%)</b>	<b>: 66</b>
<b>Average Daily Min/IC (%)</b>	<b>: 50</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 398</b>



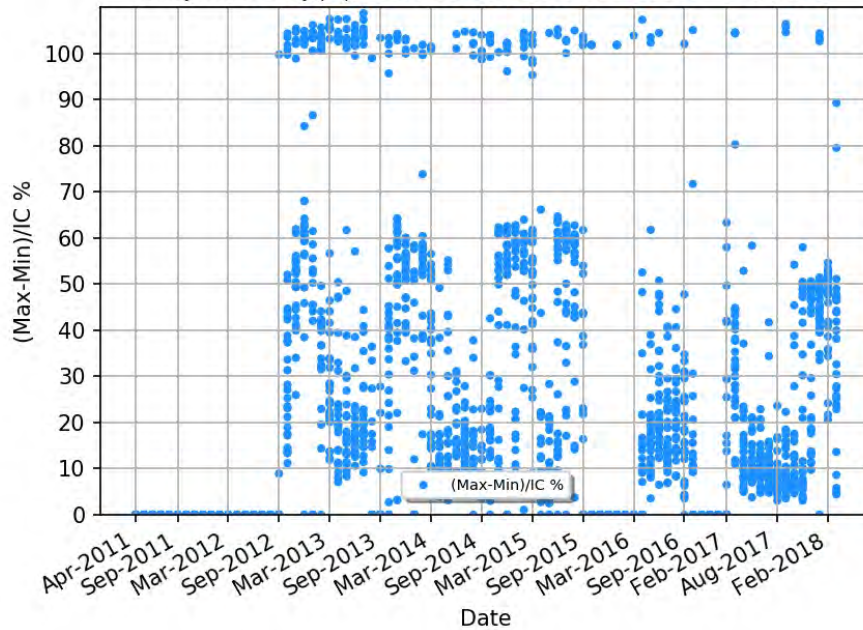
Daily Max Generation : BUDGE BUDGE TPS UNIT - 1 250 MW



Daily Min Generation : BUDGE BUDGE TPS UNIT - 1 250 MW



Daily Flexibility(%) : BUDGE BUDGE TPS UNIT - 1 250 MW

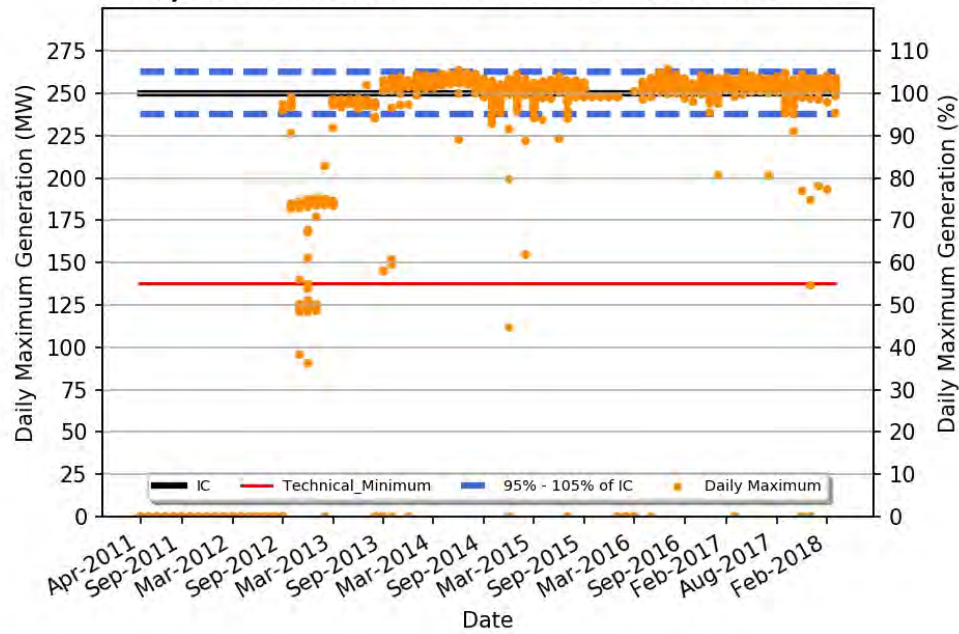


**BUDGE BUDGE TPS UNIT - 1 250 MW**

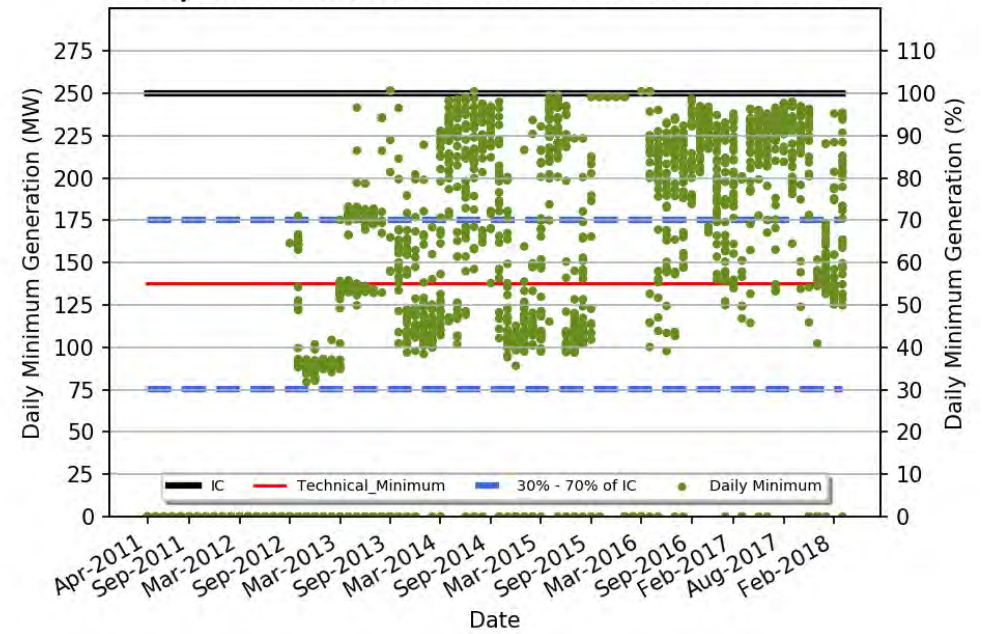
Region	: Eastern Region
Number of Days Considered	: 1719
No. Of Days Max Generation Achieved	: 80 (%)
(% of total days in operation)	
No. Of Days Min Generation Achieved	: 29 (%)
(% of total days in operation)	
Average Flexibility	: 32 (%)
Average Daily Max (MW)	: 257
Daily Average (MW)	: 234
Average Daily Min (MW)	: 177
Average Daily Max/ IC (%)	: 103
Daily Average/IC (%)	: 93
Average Daily Min/IC (%)	: 70
Variable Charge (Paisa/kWh)	: 266



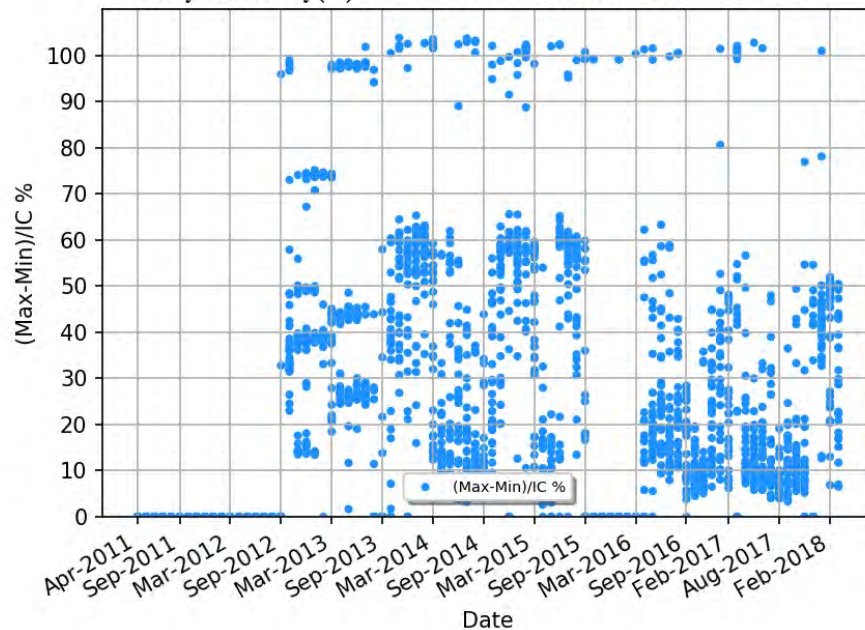
Daily Max Generation : BUDGE BUDGE TPS UNIT - 2 250 MW



Daily Min Generation : BUDGE BUDGE TPS UNIT - 2 250 MW



Daily Flexibility(%) : BUDGE BUDGE TPS UNIT - 2 250 MW

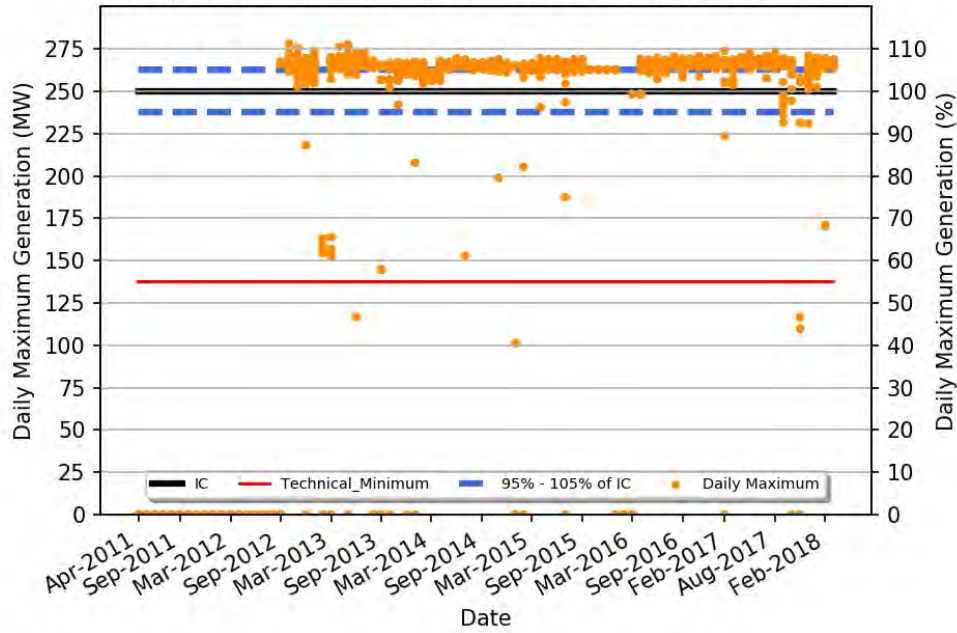


**BUDGE BUDGE TPS UNIT - 2 250 MW**

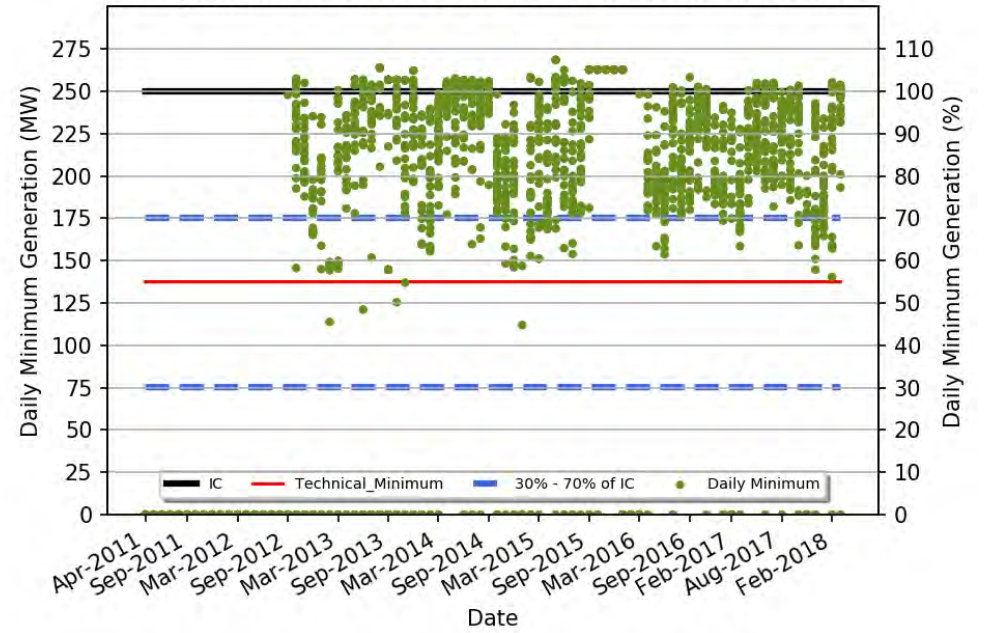
<b>Region</b>	<b>: Eastern Region</b>
<b>Number of Days Considered</b>	<b>: 1826</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 90 (%)</b>
(% of total days in operation)	
<b>No. Of Days Min Generation Achieved</b>	<b>: 38 (%)</b>
(% of total days in operation)	
<b>Average Flexibility</b>	<b>: 31 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 245</b>
<b>Daily Average (MW)</b>	<b>: 222</b>
<b>Average Daily Min (MW)</b>	<b>: 167</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 98</b>
<b>Daily Average/IC (%)</b>	<b>: 89</b>
<b>Average Daily Min/IC (%)</b>	<b>: 66</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 266</b>



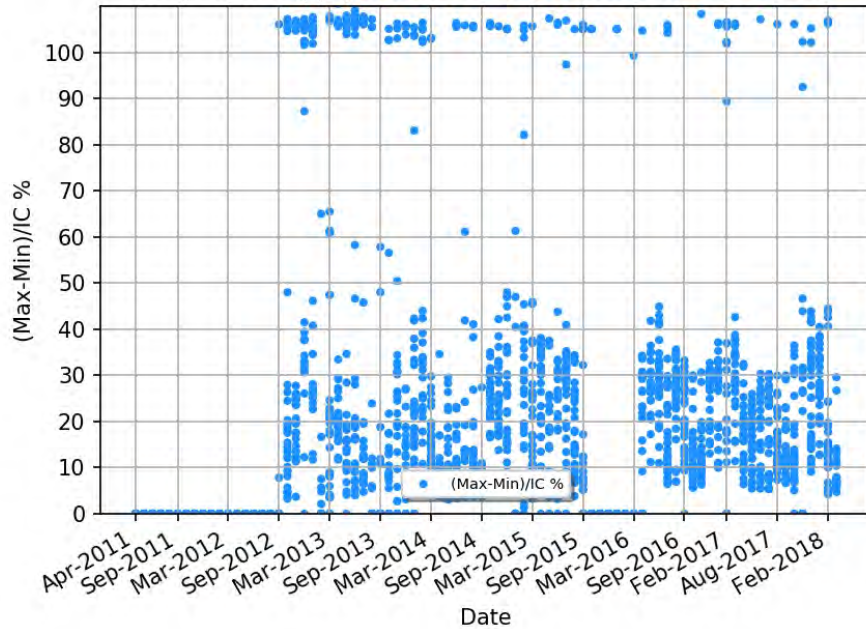
Daily Max Generation : BUDGE BUDGE TPS UNIT - 3 250 MW



Daily Min Generation : BUDGE BUDGE TPS UNIT - 3 250 MW



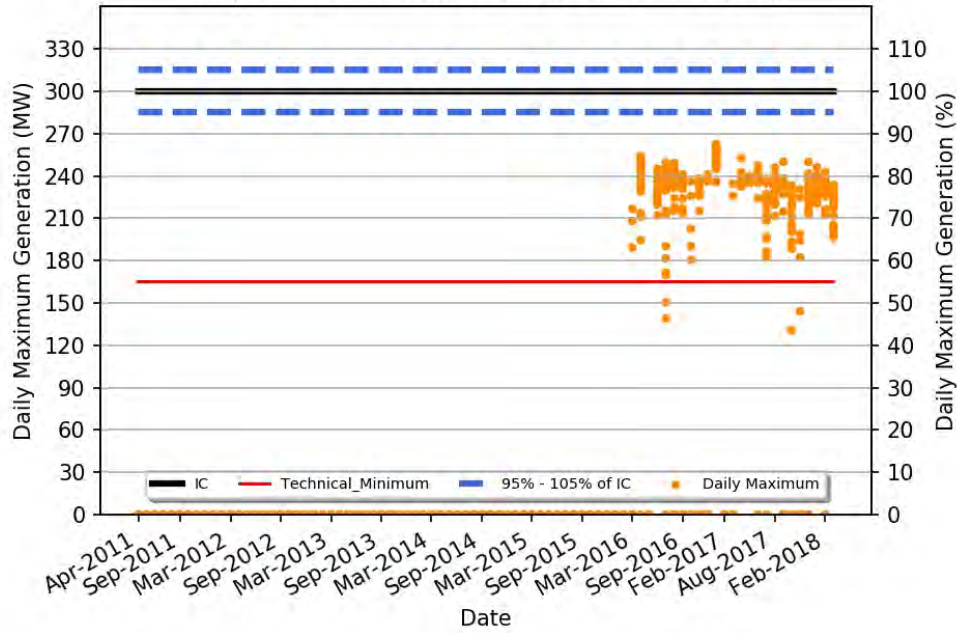
Daily Flexibility(%) : BUDGE BUDGE TPS UNIT - 3 250 MW



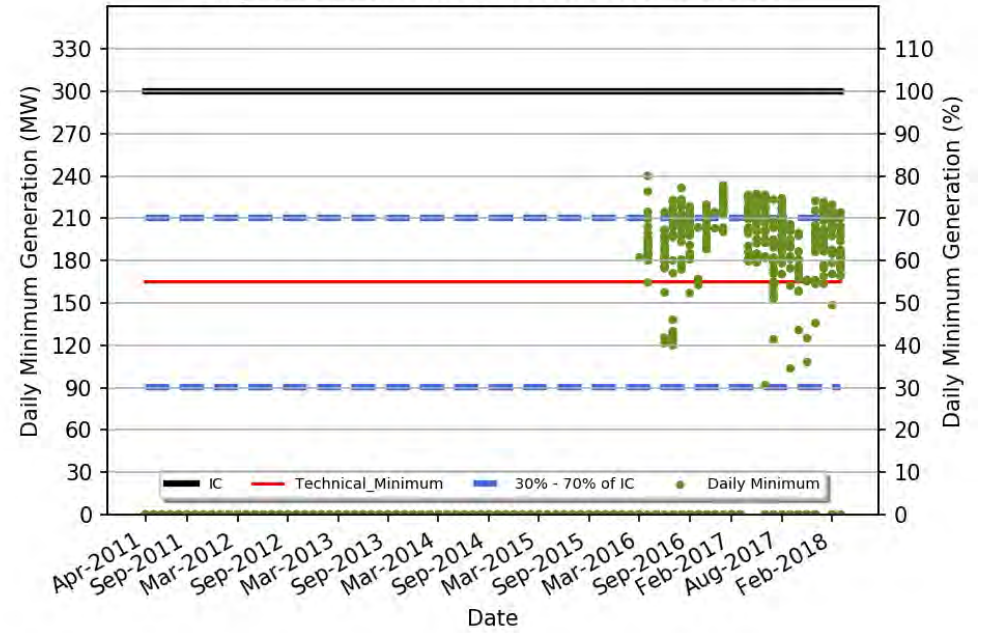
**BUDGE BUDGE TPS UNIT - 3 250 MW**

Region	: Eastern Region
Number of Days Considered	: 1807
No. Of Days Max Generation Achieved	: 13 (%)
(% of total days in operation)	
No. Of Days Min Generation Achieved	: 6 (%)
(% of total days in operation)	
Average Flexibility	: 24 (%)
Average Daily Max (MW)	: 263
Daily Average (MW)	: 246
Average Daily Min (MW)	: 201
Average Daily Max/ IC (%)	: 105
Daily Average/IC (%)	: 98
Average Daily Min/IC (%)	: 80
Variable Charge (Paisa/kWh)	: 266

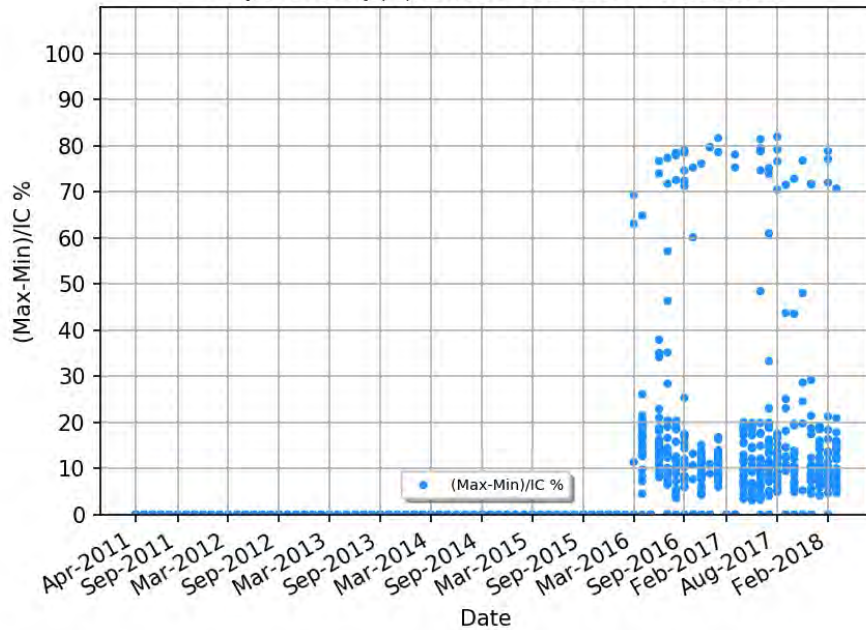
Daily Max Generation : D.P.L. TPS UNIT - 7 300 MW



Daily Min Generation : D.P.L. TPS UNIT - 7 300 MW



Daily Flexibility(%) : D.P.L. TPS UNIT - 7 300 MW

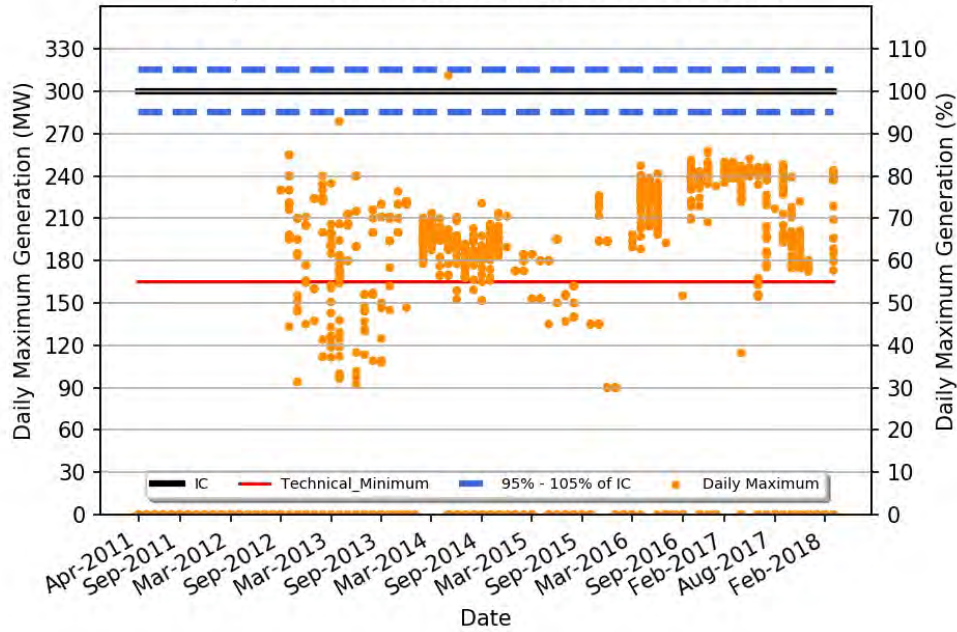


**D.P.L. TPS UNIT - 7 300 MW**

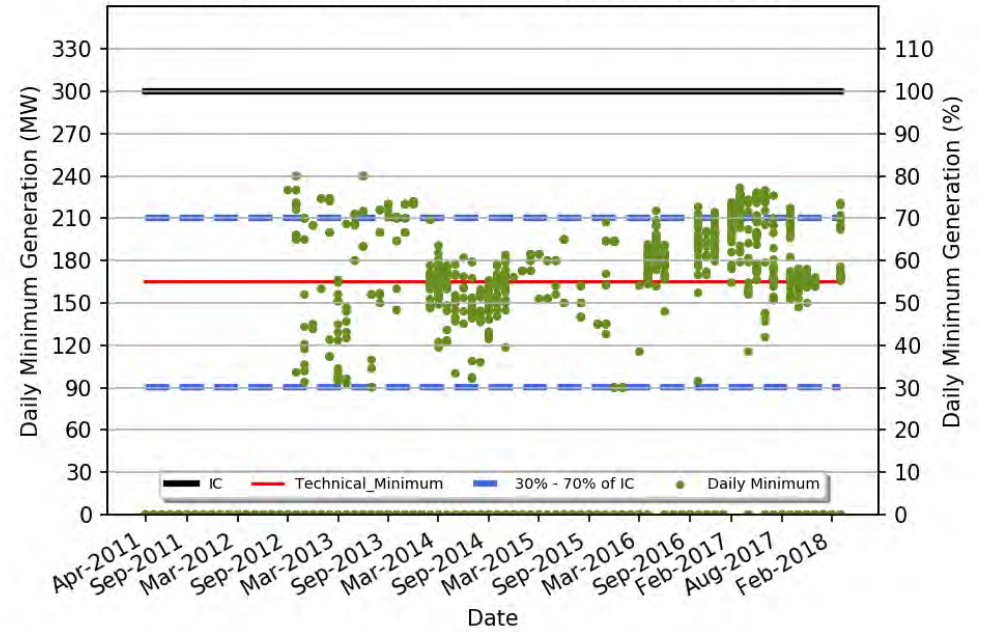
<b>Region</b>	<b>: Eastern Region</b>
<b>Number of Days Considered</b>	<b>: 471</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 0 (%)</b>
(% of total days in operation)	
<b>No. Of Days Min Generation Achieved</b>	<b>: 64 (%)</b>
(% of total days in operation)	
<b>Average Flexibility</b>	<b>: 16 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 232</b>
<b>Daily Average (MW)</b>	<b>: 213</b>
<b>Average Daily Min (MW)</b>	<b>: 181</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 77</b>
<b>Daily Average/IC (%)</b>	<b>: 71</b>
<b>Average Daily Min/IC (%)</b>	<b>: 60</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 272</b>



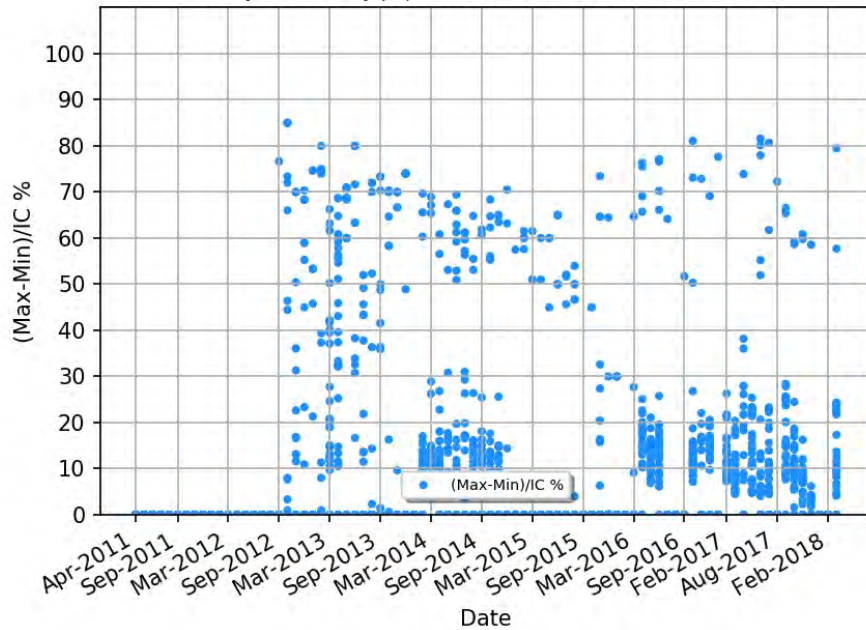
Daily Max Generation : D.P.L. TPS UNIT - 8 300 MW



Daily Min Generation : D.P.L. TPS UNIT - 8 300 MW



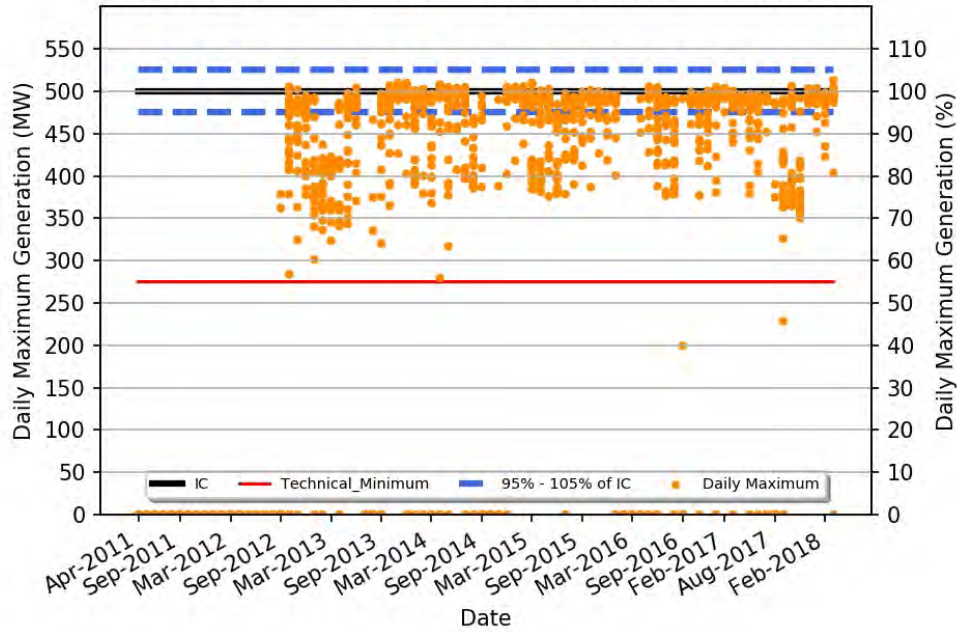
Daily Flexibility(%): D.P.L. TPS UNIT - 8 300 MW



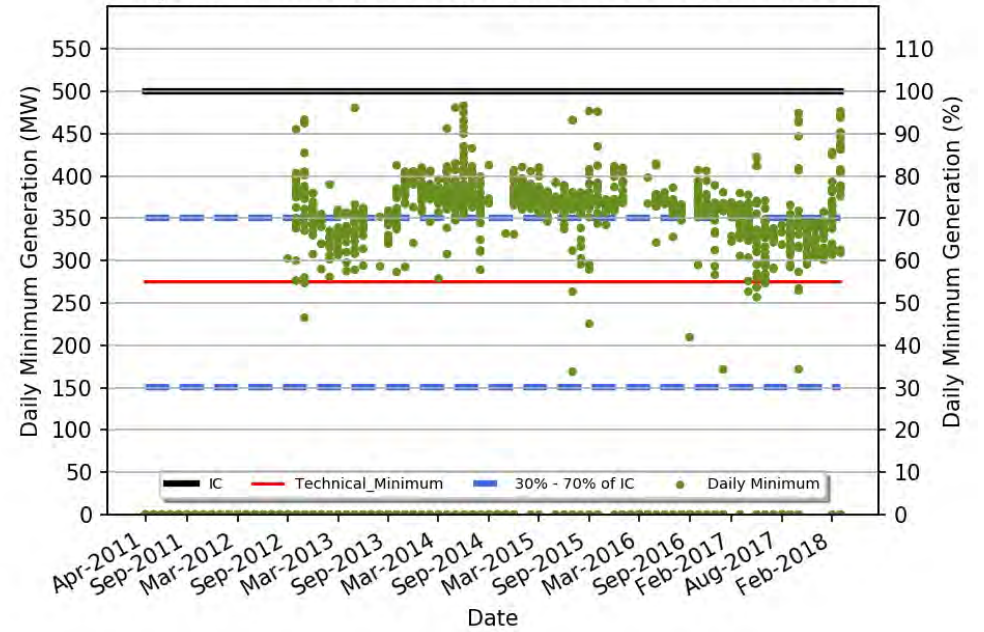
**D.P.L. TPS UNIT - 8 300 MW**

<b>Region</b>	<b>: Eastern Region</b>
<b>Number of Days Considered</b>	<b>: 1096</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 0 (%)</b>
<i>(% of total days in operation)</i>	
<b>No. Of Days Min Generation Achieved</b>	<b>: 71 (%)</b>
<i>(% of total days in operation)</i>	
<b>Average Flexibility</b>	<b>: 16 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 202</b>
<b>Daily Average (MW)</b>	<b>: 185</b>
<b>Average Daily Min (MW)</b>	<b>: 153</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 67</b>
<b>Daily Average/IC (%)</b>	<b>: 61</b>
<b>Average Daily Min/IC (%)</b>	<b>: 51</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 272</b>

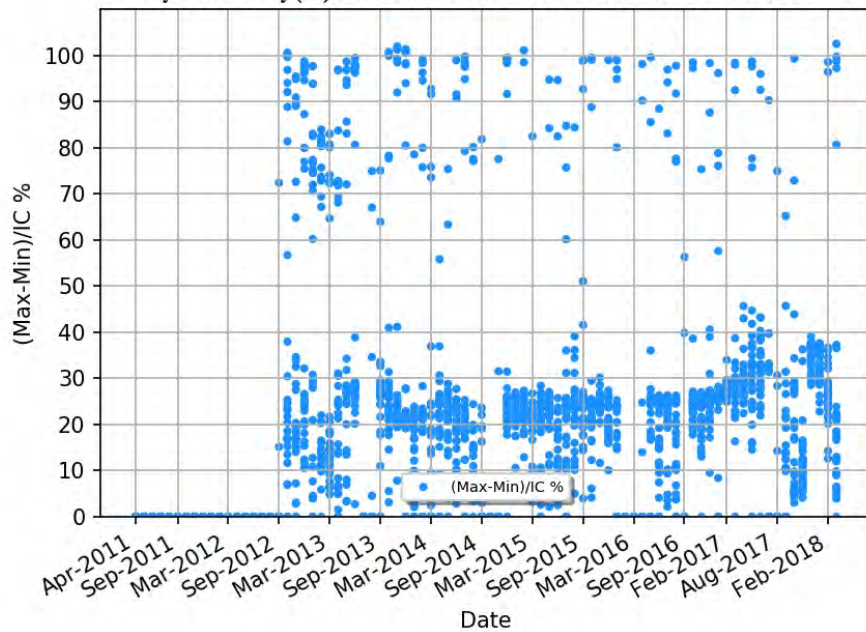
Daily Max Generation : DURGAPUR STEEL TPS UNIT - 1 500 MW



Daily Min Generation : DURGAPUR STEEL TPS UNIT - 1 500 MW



Daily Flexibility(%): DURGAPUR STEEL TPS UNIT - 1 500 MW

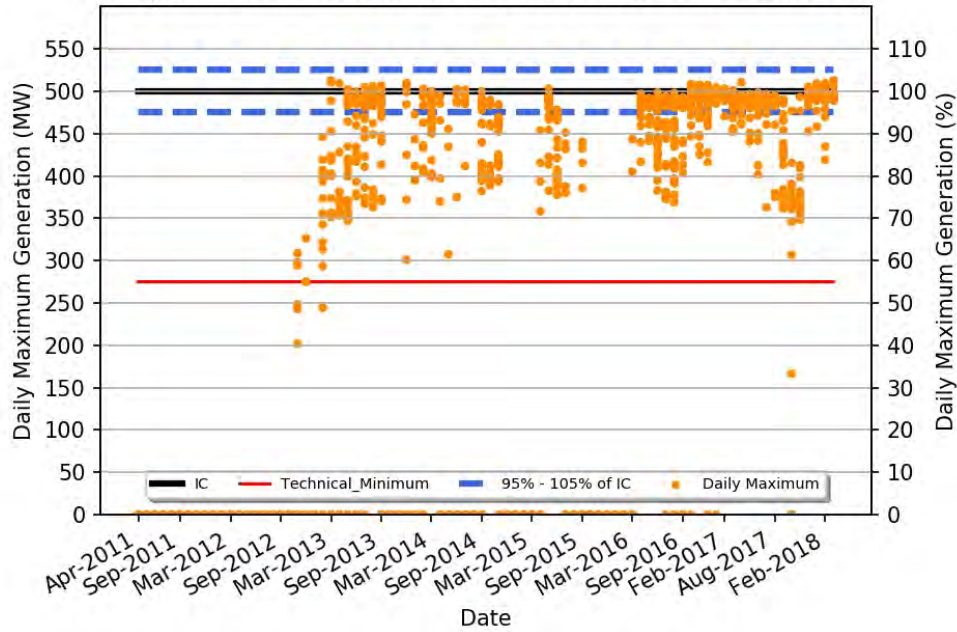


**DURGAPUR STEEL TPS UNIT - 1 500 MW**

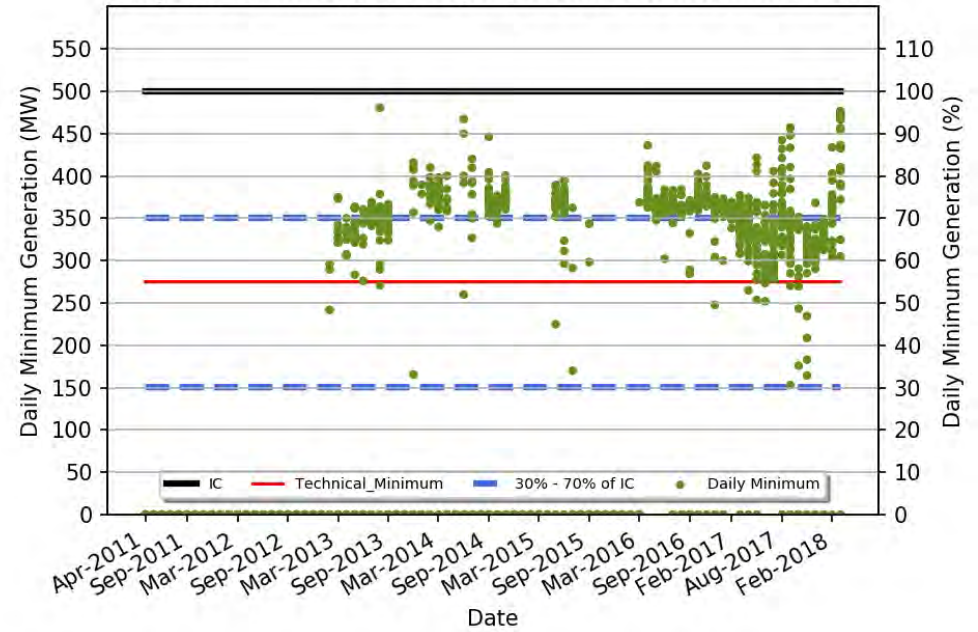
<b>Region</b>	<b>: Eastern Region</b>
<b>Number of Days Considered</b>	<b>: 1561</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 64 (%)</b>
(% of total days in operation)	
<b>No. Of Days Min Generation Achieved</b>	<b>: 24 (%)</b>
(% of total days in operation)	
<b>Average Flexibility</b>	<b>: 29 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 466</b>
<b>Daily Average (MW)</b>	<b>: 400</b>
<b>Average Daily Min (MW)</b>	<b>: 319</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 93</b>
<b>Daily Average/IC (%)</b>	<b>: 80</b>
<b>Average Daily Min/IC (%)</b>	<b>: 63</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 250</b>



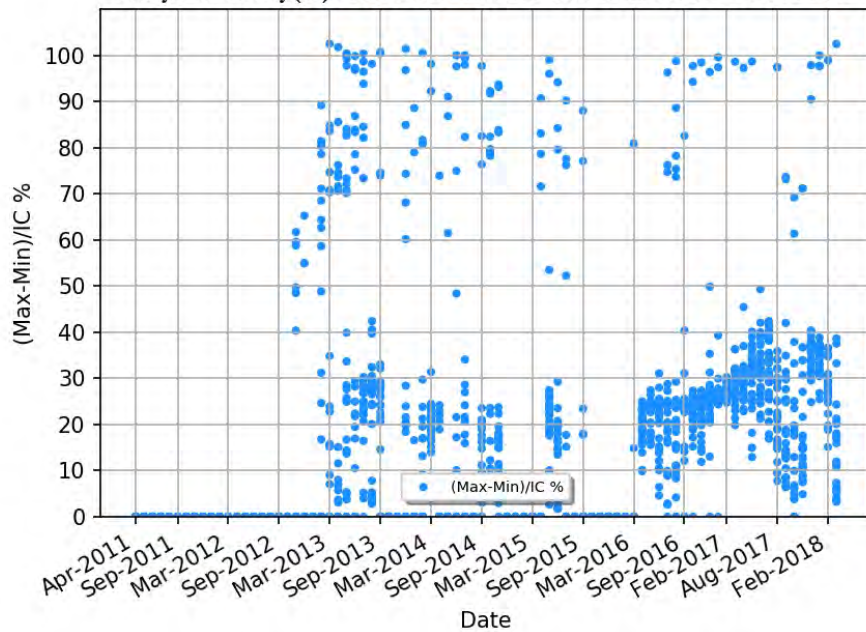
Daily Max Generation : DURGAPUR STEEL TPS UNIT - 2 500 MW



Daily Min Generation : DURGAPUR STEEL TPS UNIT - 2 500 MW



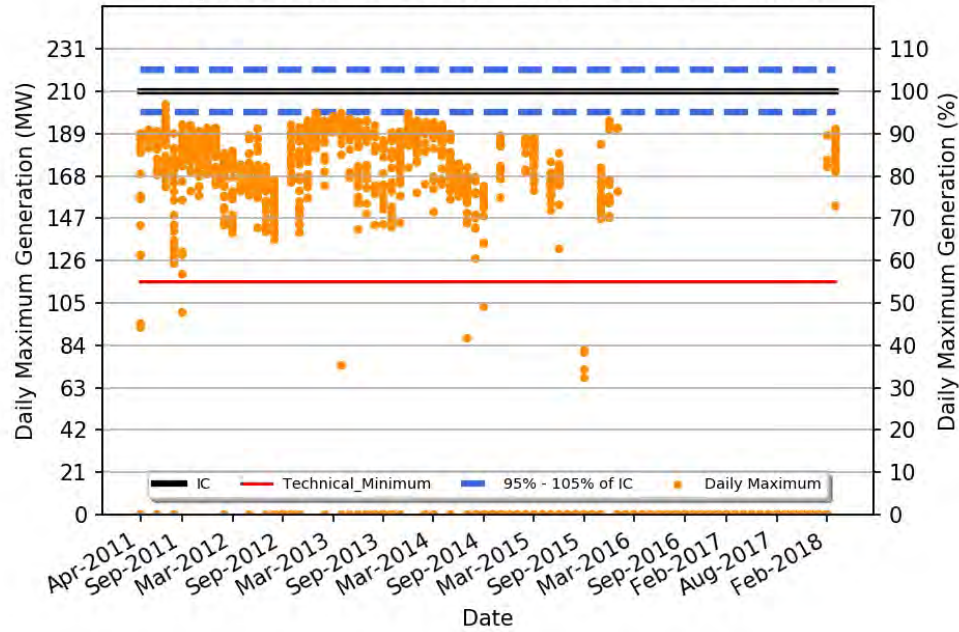
Daily Flexibility(%) : DURGAPUR STEEL TPS UNIT - 2 500 MW



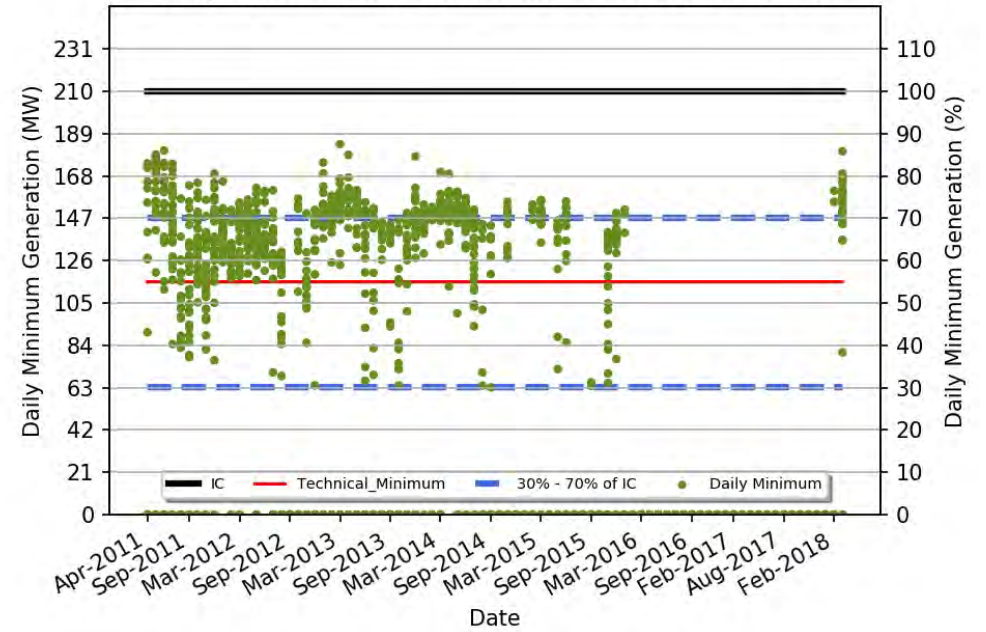
**DURGAPUR STEEL TPS UNIT - 2 500 MW**

<b>Region</b>	<b>: Eastern Region</b>
<b>Number of Days Considered</b>	<b>: 1097</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 63 (%)</b>
(% of total days in operation)	
<b>No. Of Days Min Generation Achieved</b>	<b>: 30 (%)</b>
(% of total days in operation)	
<b>Average Flexibility</b>	<b>: 29 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 464</b>
<b>Daily Average (MW)</b>	<b>: 398</b>
<b>Average Daily Min (MW)</b>	<b>: 317</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 92</b>
<b>Daily Average/IC (%)</b>	<b>: 79</b>
<b>Average Daily Min/IC (%)</b>	<b>: 63</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 250</b>

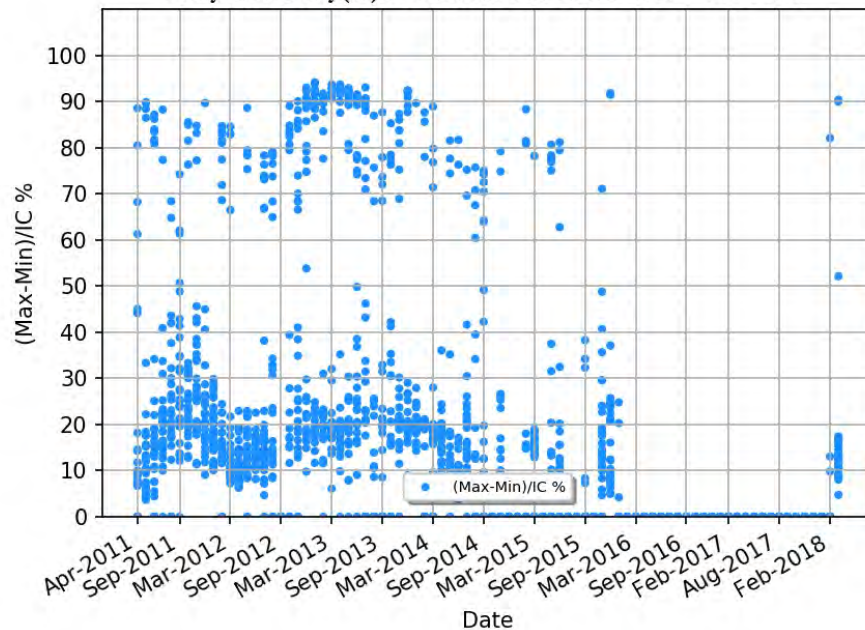
Daily Max Generation : DURGAPUR TPS UNIT - 4 210 MW



Daily Min Generation : DURGAPUR TPS UNIT - 4 210 MW



Daily Flexibility(%) : DURGAPUR TPS UNIT - 4 210 MW

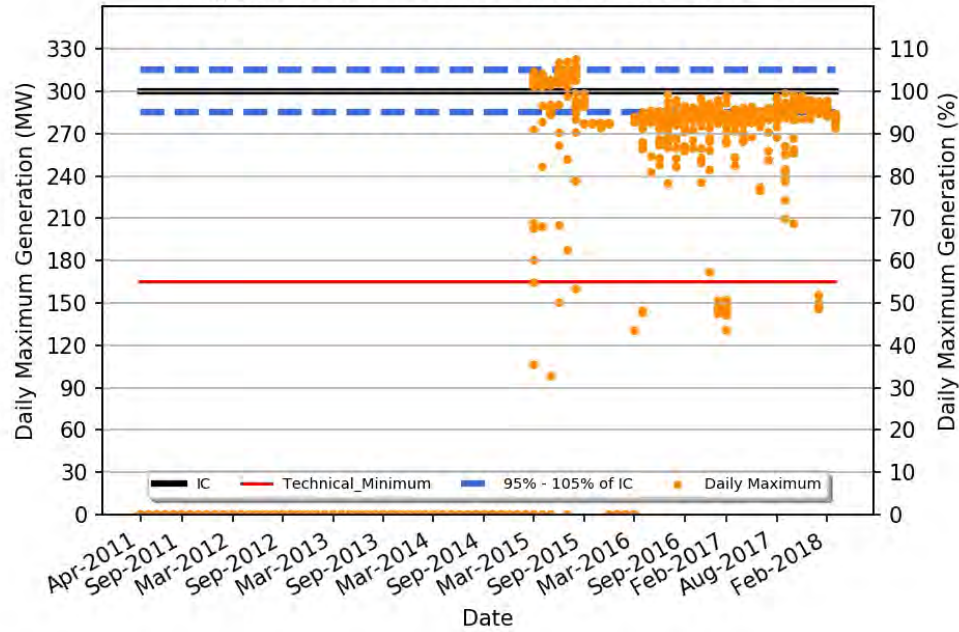


### DURGAPUR TPS UNIT - 4 210 MW

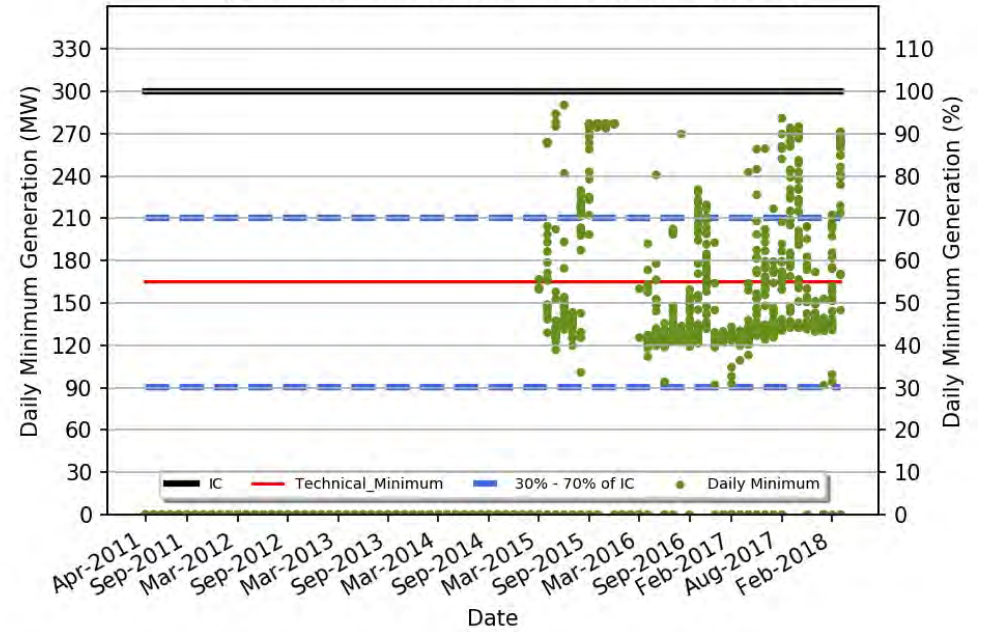
Region	: Eastern Region
Number of Days Considered	: 1189
No. Of Days Max Generation Achieved	: 0 (%)
(% of total days in operation)	
No. Of Days Min Generation Achieved	: 50 (%)
(% of total days in operation)	
Average Flexibility	: 29 (%)
Average Daily Max (MW)	: 176
Daily Average (MW)	: 154
Average Daily Min (MW)	: 115
Average Daily Max/ IC (%)	: 84
Daily Average/IC (%)	: 73
Average Daily Min/IC (%)	: 54
Variable Charge (Paisa/kWh)	: 371



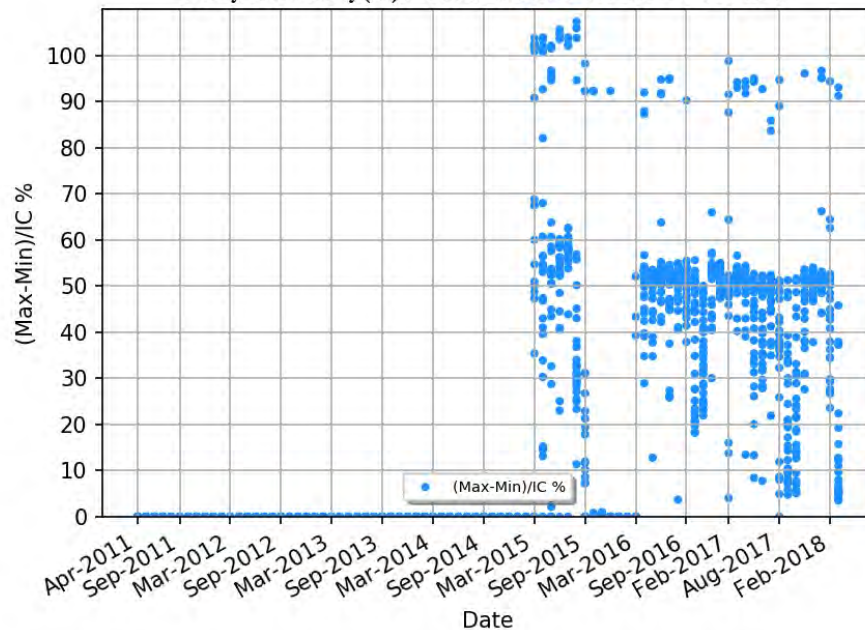
Daily Max Generation : HALDIA TPP UNIT - 1 300 MW



Daily Min Generation : HALDIA TPP UNIT - 1 300 MW



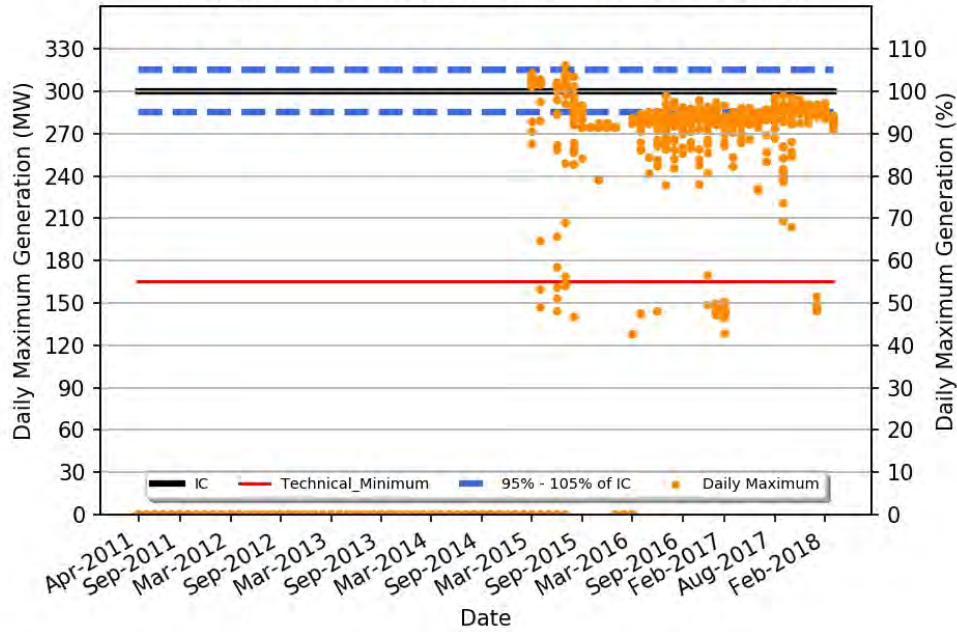
Daily Flexibility(%): HALDIA TPP UNIT - 1 300 MW



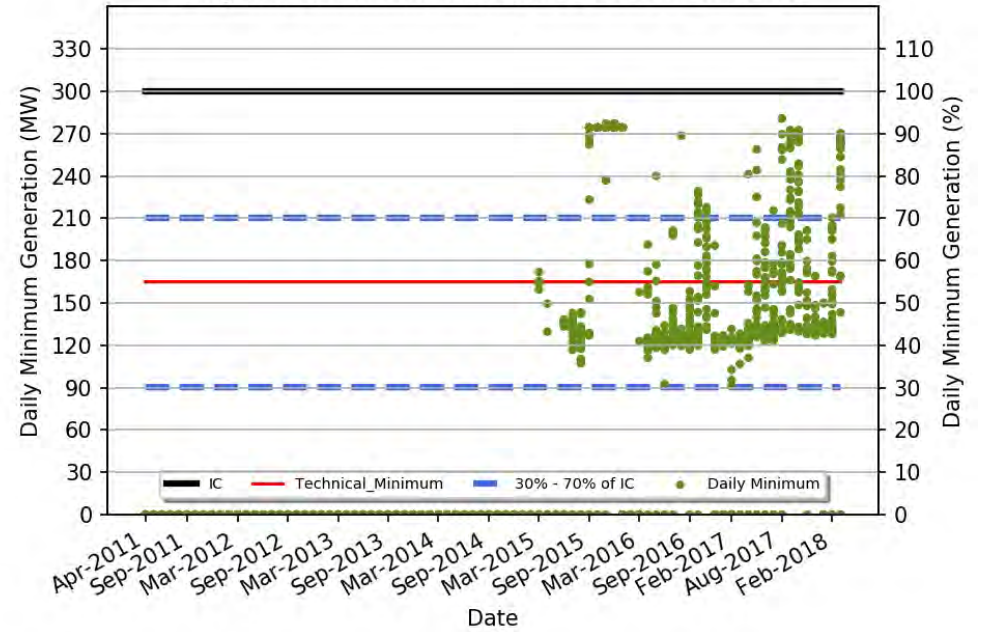
### HALDIA TPP UNIT - 1 300 MW

<b>Region</b>	<b>: Eastern Region</b>
<b>Number of Days Considered</b>	<b>: 1000</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 37 (%)</b>
(% of total days in operation)	
<b>No. Of Days Min Generation Achieved</b>	<b>: 67 (%)</b>
(% of total days in operation)	
<b>Average Flexibility</b>	<b>: 42 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 279</b>
<b>Daily Average (MW)</b>	<b>: 235</b>
<b>Average Daily Min (MW)</b>	<b>: 151</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 93</b>
<b>Daily Average/IC (%)</b>	<b>: 78</b>
<b>Average Daily Min/IC (%)</b>	<b>: 50</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 277</b>

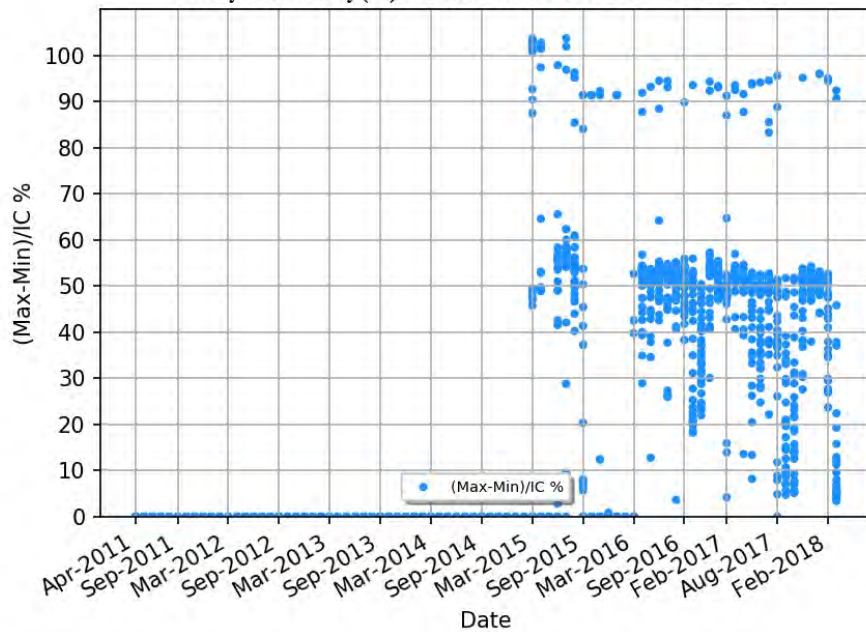
Daily Max Generation : HALDIA TPP UNIT - 2 300 MW



Daily Min Generation : HALDIA TPP UNIT - 2 300 MW



Daily Flexibility(%): HALDIA TPP UNIT - 2 300 MW

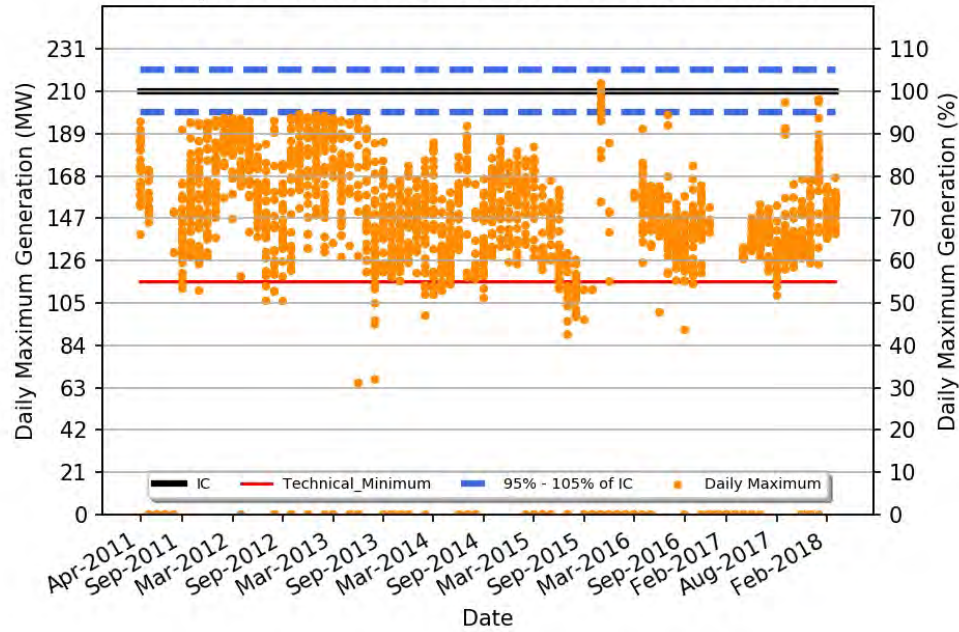


**HALDIA TPP UNIT - 2 300 MW**

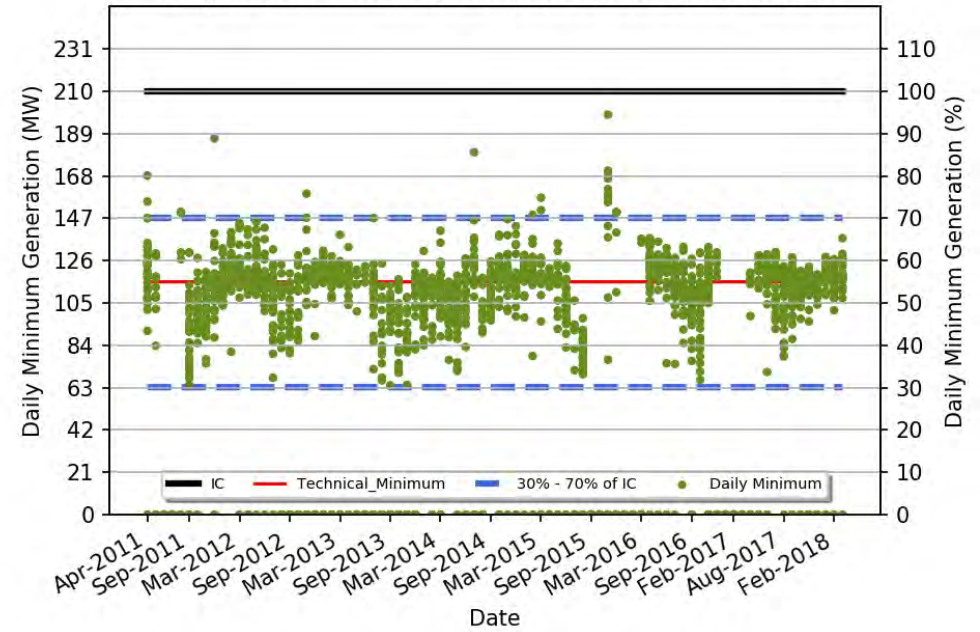
<b>Region</b>	<b>: Eastern Region</b>
<b>Number of Days Considered</b>	<b>: 952</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 26 (%)</b>
(% of total days in operation)	
<b>No. Of Days Min Generation Achieved</b>	<b>: 67 (%)</b>
(% of total days in operation)	
<b>Average Flexibility</b>	<b>: 41 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 274</b>
<b>Daily Average (MW)</b>	<b>: 231</b>
<b>Average Daily Min (MW)</b>	<b>: 149</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 91</b>
<b>Daily Average/IC (%)</b>	<b>: 77</b>
<b>Average Daily Min/IC (%)</b>	<b>: 49</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 277</b>



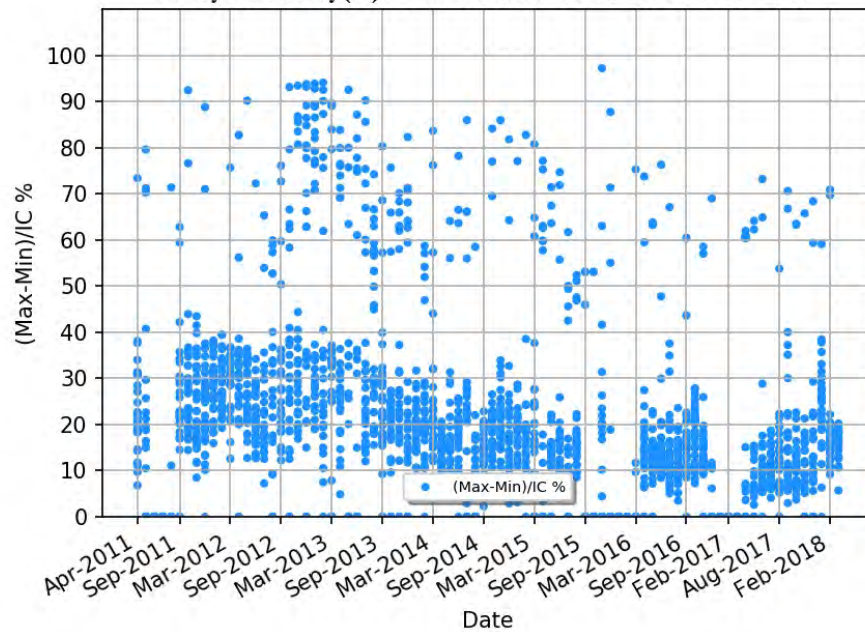
Daily Max Generation : KOLAGHAT TPS UNIT - 1 210 MW



Daily Min Generation : KOLAGHAT TPS UNIT - 1 210 MW



Daily Flexibility(%) : KOLAGHAT TPS UNIT - 1 210 MW

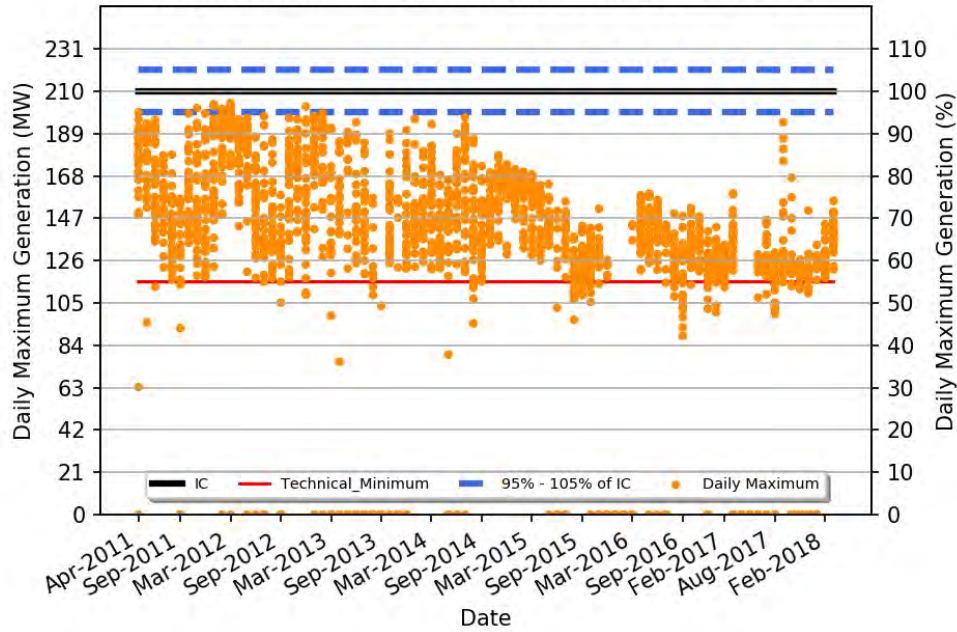


**KOLAGHAT TPS UNIT - 1 210 MW**

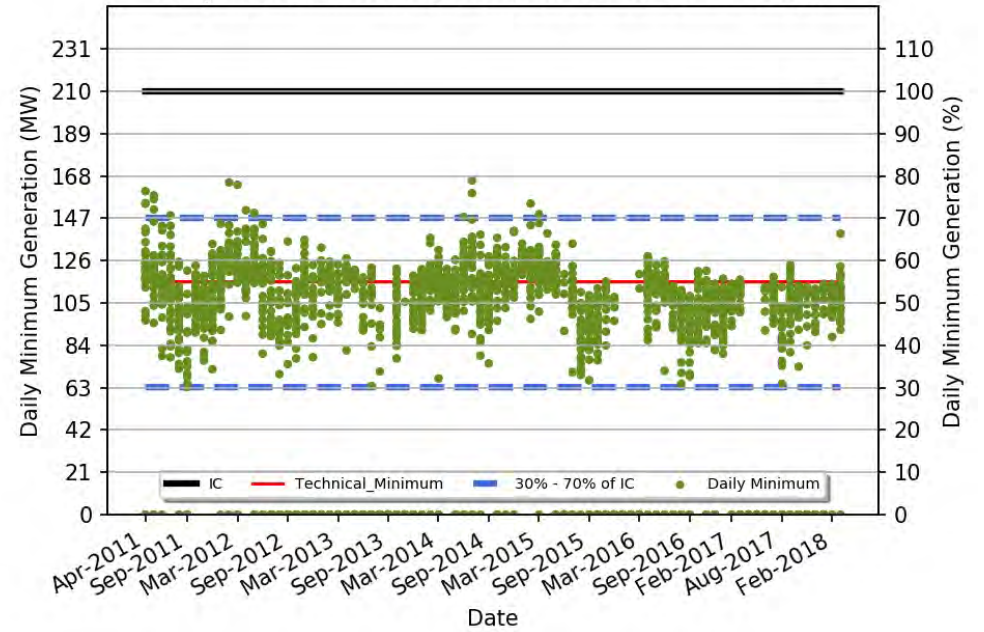
<b>Region</b>	<b>: Eastern Region</b>
<b>Number of Days Considered</b>	<b>: 1903</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 0 (%)</b>
<i>(% of total days in operation)</i>	
<b>No. Of Days Min Generation Achieved</b>	<b>: 87 (%)</b>
<i>(% of total days in operation)</i>	
<b>Average Flexibility</b>	<b>: 23 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 152</b>
<b>Daily Average (MW)</b>	<b>: 129</b>
<b>Average Daily Min (MW)</b>	<b>: 102</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 72</b>
<b>Daily Average/IC (%)</b>	<b>: 61</b>
<b>Average Daily Min/IC (%)</b>	<b>: 48</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 385</b>



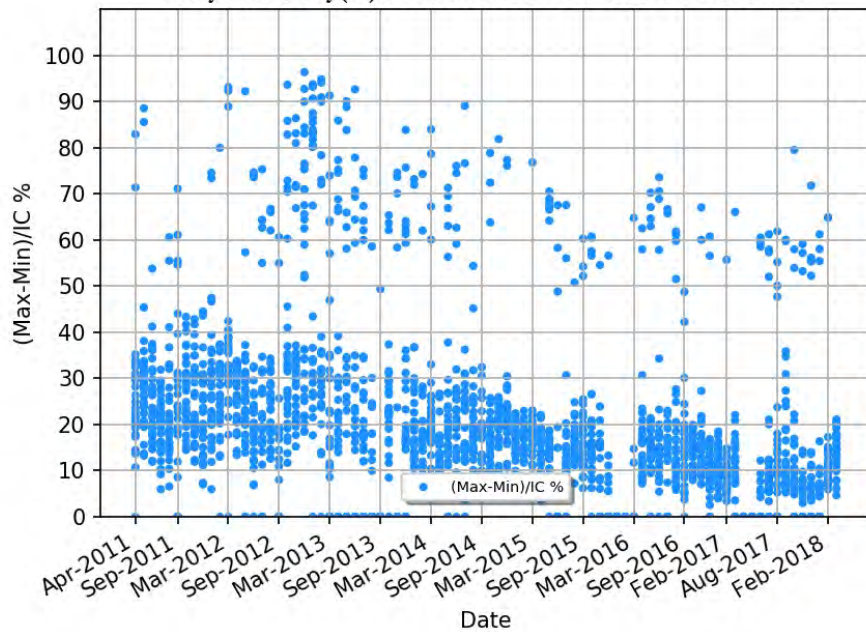
Daily Max Generation : KOLAGHAT TPS UNIT - 2 210 MW



Daily Min Generation : KOLAGHAT TPS UNIT - 2 210 MW



Daily Flexibility(%) : KOLAGHAT TPS UNIT - 2 210 MW

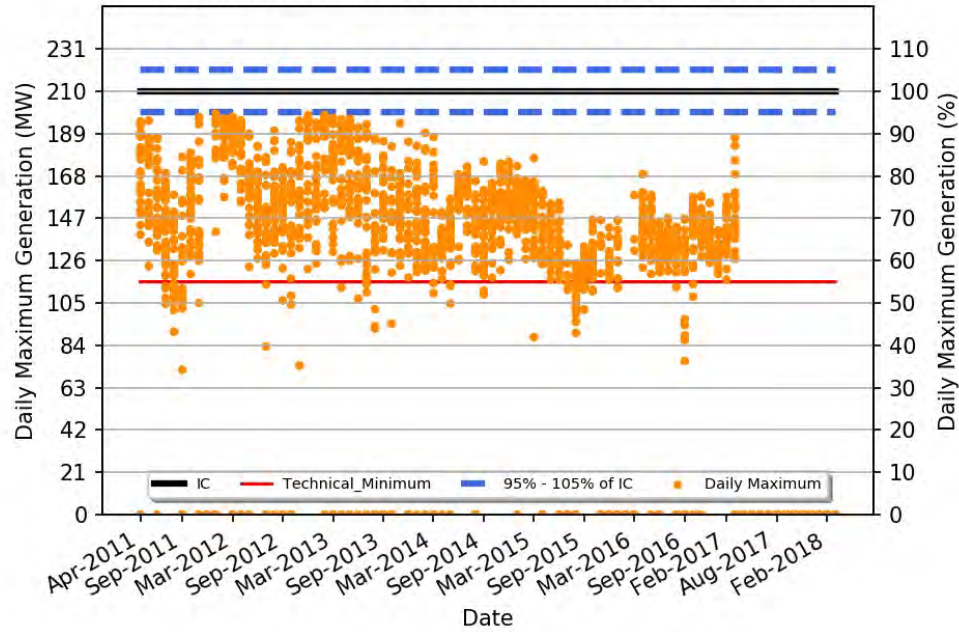


**KOLAGHAT TPS UNIT - 2 210 MW**

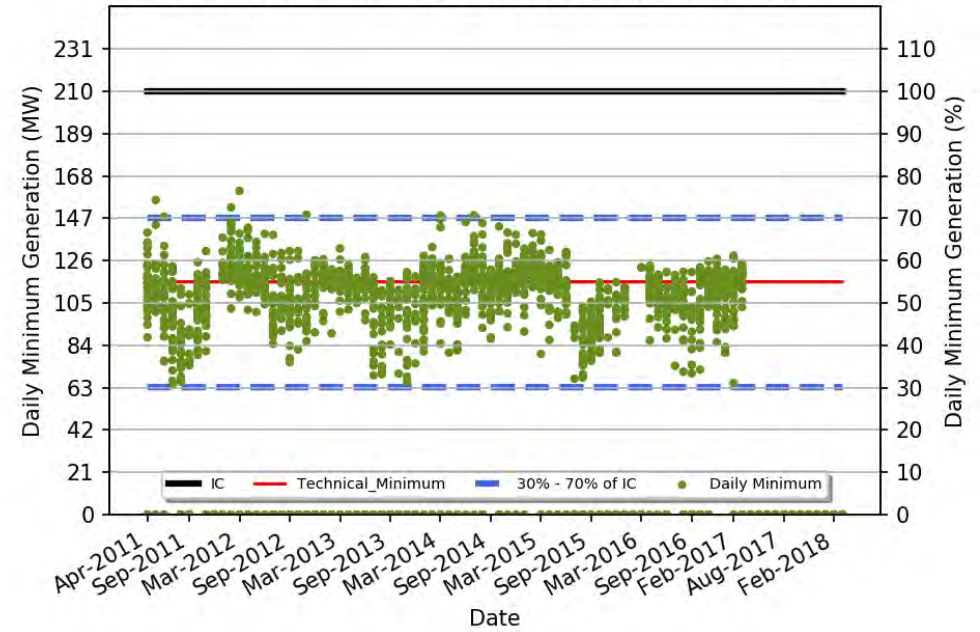
<b>Region</b>	<b>: Eastern Region</b>
<b>Number of Days Considered</b>	<b>: 1985</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 1 (%)</b>
(% of total days in operation)	
<b>No. Of Days Min Generation Achieved</b>	<b>: 90 (%)</b>
(% of total days in operation)	
<b>Average Flexibility</b>	<b>: 23 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 148</b>
<b>Daily Average (MW)</b>	<b>: 126</b>
<b>Average Daily Min (MW)</b>	<b>: 100</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 70</b>
<b>Daily Average/IC (%)</b>	<b>: 60</b>
<b>Average Daily Min/IC (%)</b>	<b>: 47</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 385</b>



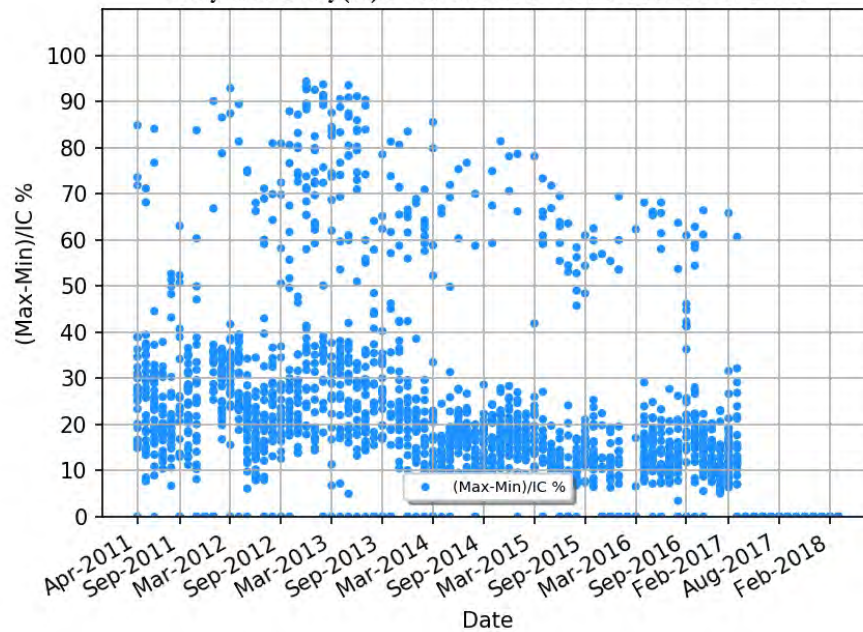
Daily Max Generation : KOLAGHAT TPS UNIT - 3 210 MW



Daily Min Generation : KOLAGHAT TPS UNIT - 3 210 MW



Daily Flexibility(%) : KOLAGHAT TPS UNIT - 3 210 MW

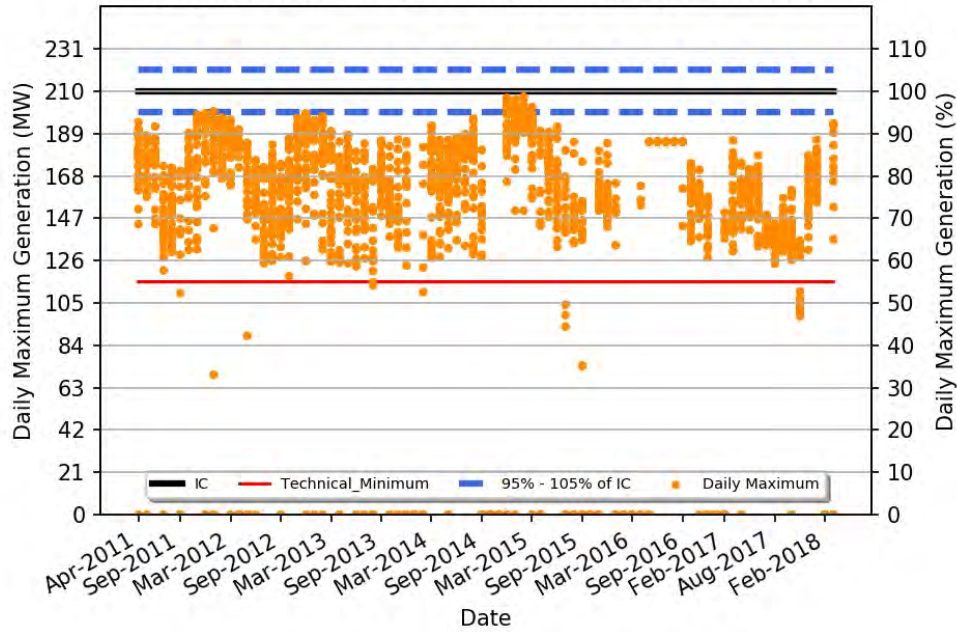


### KOLAGHAT TPS UNIT - 3 210 MW

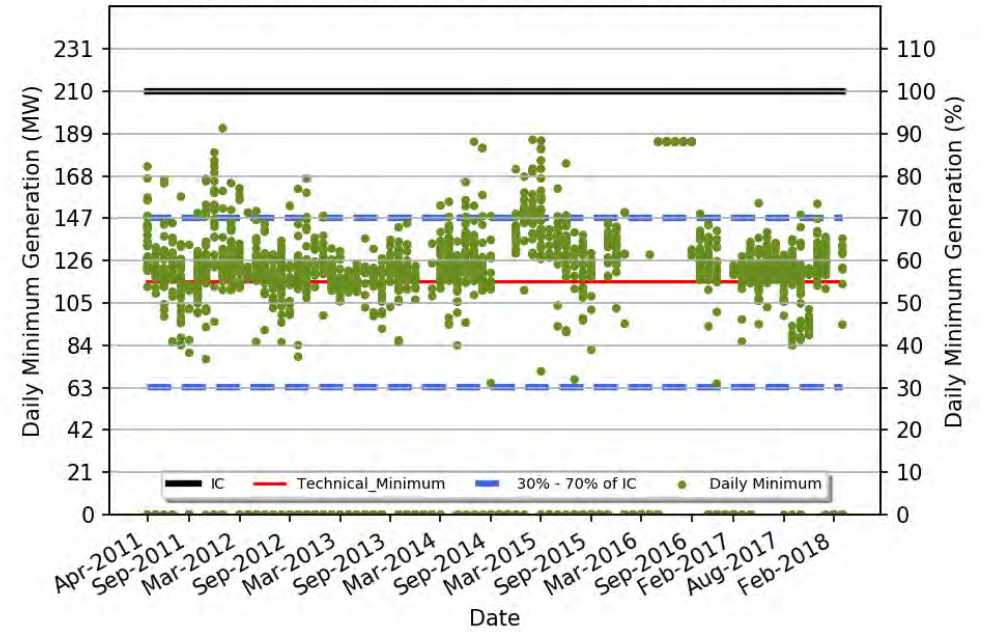
Region	: Eastern Region
Number of Days Considered	: 1765
No. Of Days Max Generation Achieved	: 0 (%)
(% of total days in operation)	
No. Of Days Min Generation Achieved	: 89 (%)
(% of total days in operation)	
Average Flexibility	: 24 (%)
Average Daily Max (MW)	: 150
Daily Average (MW)	: 126
Average Daily Min (MW)	: 98
Average Daily Max/ IC (%)	: 71
Daily Average/IC (%)	: 60
Average Daily Min/IC (%)	: 46
Variable Charge (Paisa/kWh)	: 385



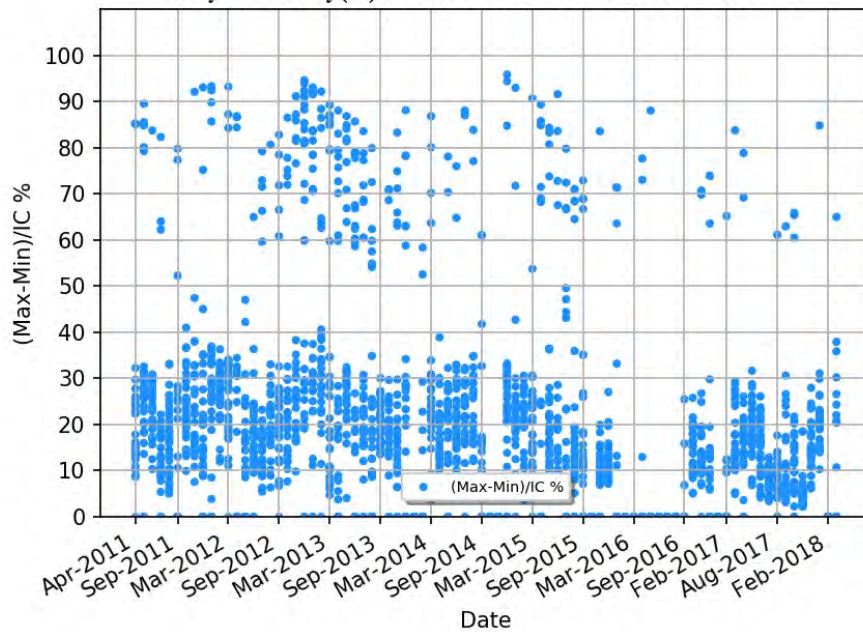
Daily Max Generation : KOLAGHAT TPS UNIT - 4 210 MW



Daily Min Generation : KOLAGHAT TPS UNIT - 4 210 MW



Daily Flexibility(%) : KOLAGHAT TPS UNIT - 4 210 MW

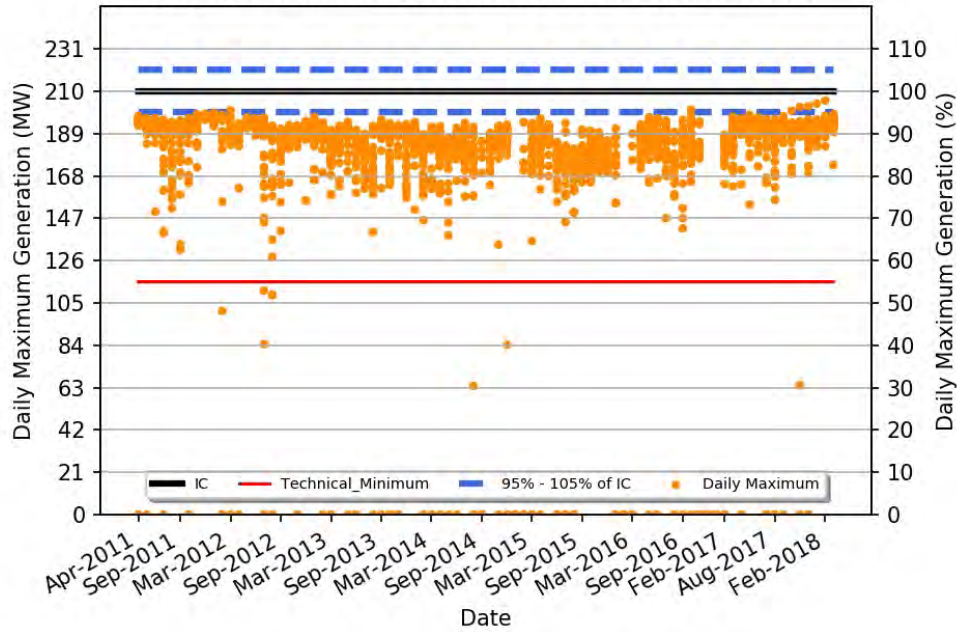


### KOLAGHAT TPS UNIT - 4 210 MW

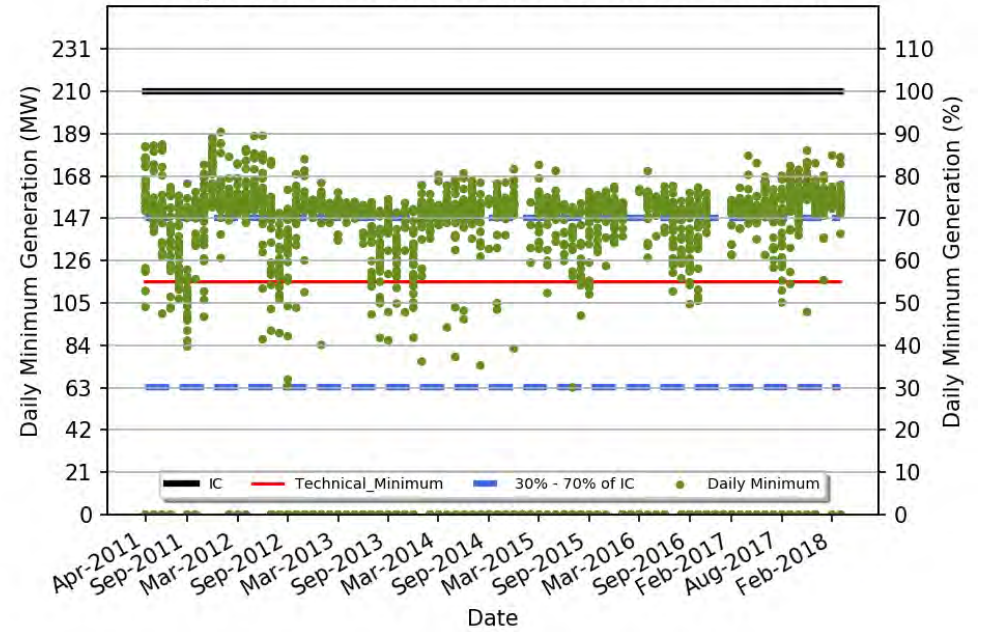
Region	: Eastern Region
Number of Days Considered	: 1893
No. Of Days Max Generation Achieved	: 1 (%)
(% of total days in operation)	
No. Of Days Min Generation Achieved	: 77 (%)
(% of total days in operation)	
Average Flexibility	: 22 (%)
Average Daily Max (MW)	: 165
Daily Average (MW)	: 144
Average Daily Min (MW)	: 117
Average Daily Max/ IC (%)	: 78
Daily Average/IC (%)	: 68
Average Daily Min/IC (%)	: 55
Variable Charge (Paisa/kWh)	: 385



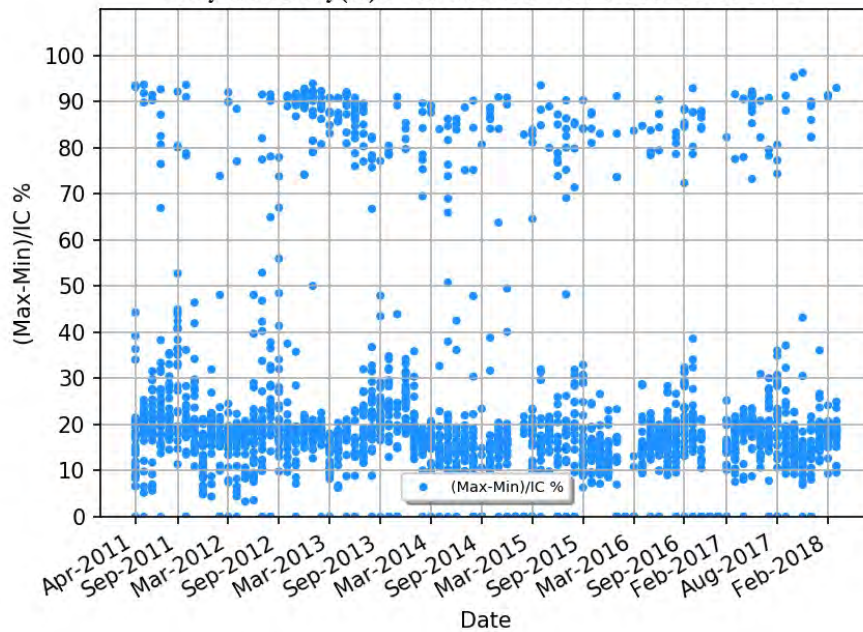
Daily Max Generation : KOLAGHAT TPS UNIT - 5 210 MW



Daily Min Generation : KOLAGHAT TPS UNIT - 5 210 MW



Daily Flexibility(%) : KOLAGHAT TPS UNIT - 5 210 MW

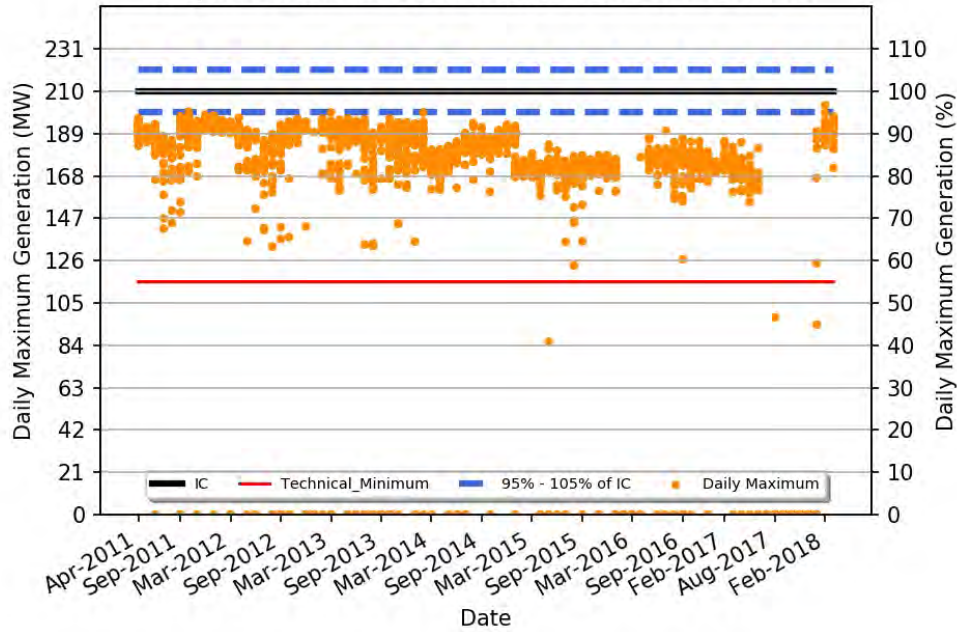


### KOLAGHAT TPS UNIT - 5 210 MW

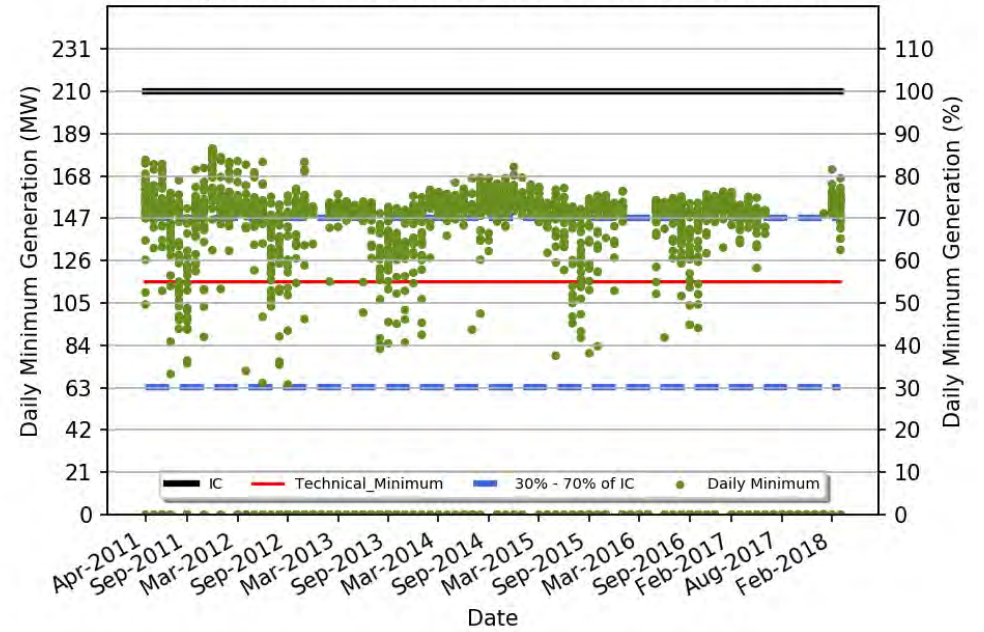
Region	: Eastern Region
Number of Days Considered	: 2104
No. Of Days Max Generation Achieved	: 0 (%)
(% of total days in operation)	
No. Of Days Min Generation Achieved	: 25 (%)
(% of total days in operation)	
Average Flexibility	: 25 (%)
Average Daily Max (MW)	: 185
Daily Average (MW)	: 164
Average Daily Min (MW)	: 132
Average Daily Max/ IC (%)	: 88
Daily Average/IC (%)	: 78
Average Daily Min/IC (%)	: 62
Variable Charge (Paisa/kWh)	: 385



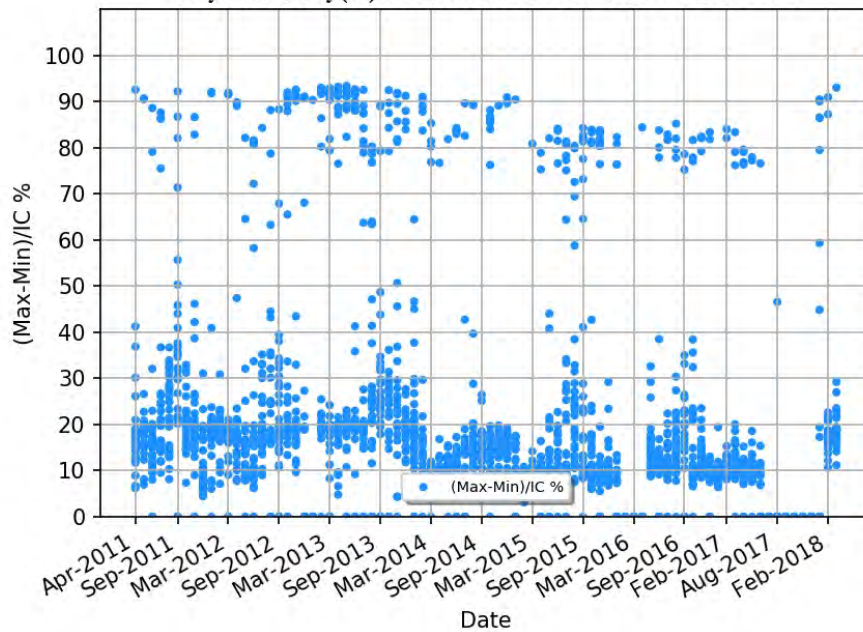
Daily Max Generation : KOLAGHAT TPS UNIT - 6 210 MW



Daily Min Generation : KOLAGHAT TPS UNIT - 6 210 MW



Daily Flexibility(%) : KOLAGHAT TPS UNIT - 6 210 MW

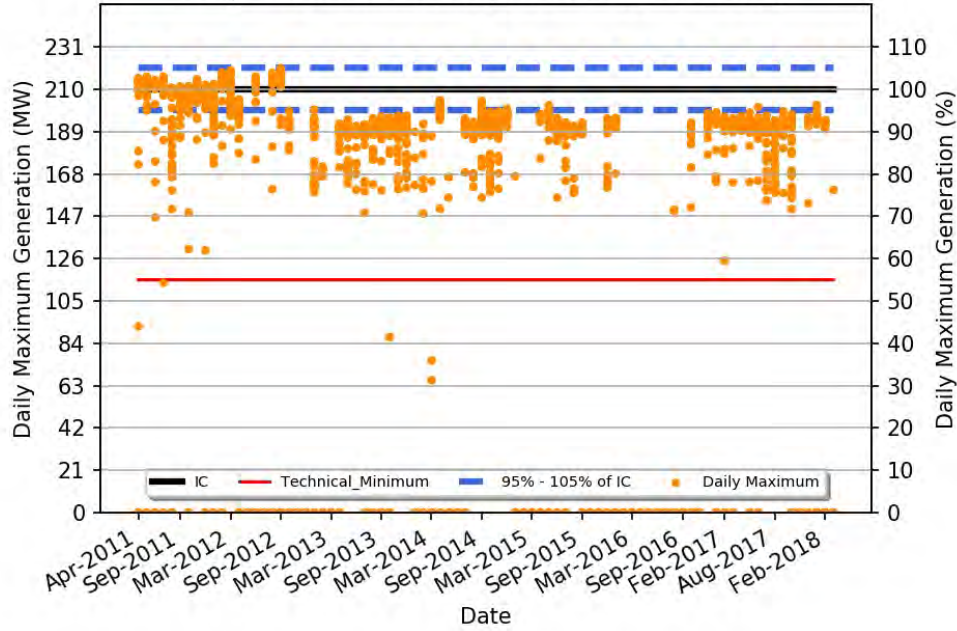


**KOLAGHAT TPS UNIT - 6 210 MW**

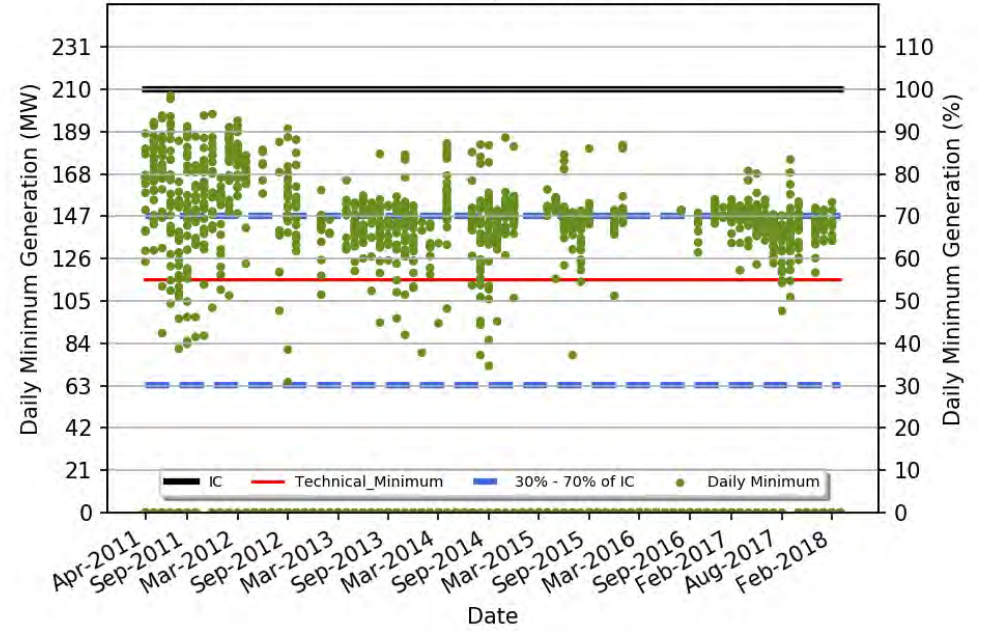
<b>Region</b>	<b>: Eastern Region</b>
<b>Number of Days Considered</b>	<b>: 1961</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 0 (%)</b>
(% of total days in operation)	
<b>No. Of Days Min Generation Achieved</b>	<b>: 25 (%)</b>
(% of total days in operation)	
<b>Average Flexibility</b>	<b>: 23 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 180</b>
<b>Daily Average (MW)</b>	<b>: 161</b>
<b>Average Daily Min (MW)</b>	<b>: 131</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 86</b>
<b>Daily Average/IC (%)</b>	<b>: 77</b>
<b>Average Daily Min/IC (%)</b>	<b>: 62</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 385</b>



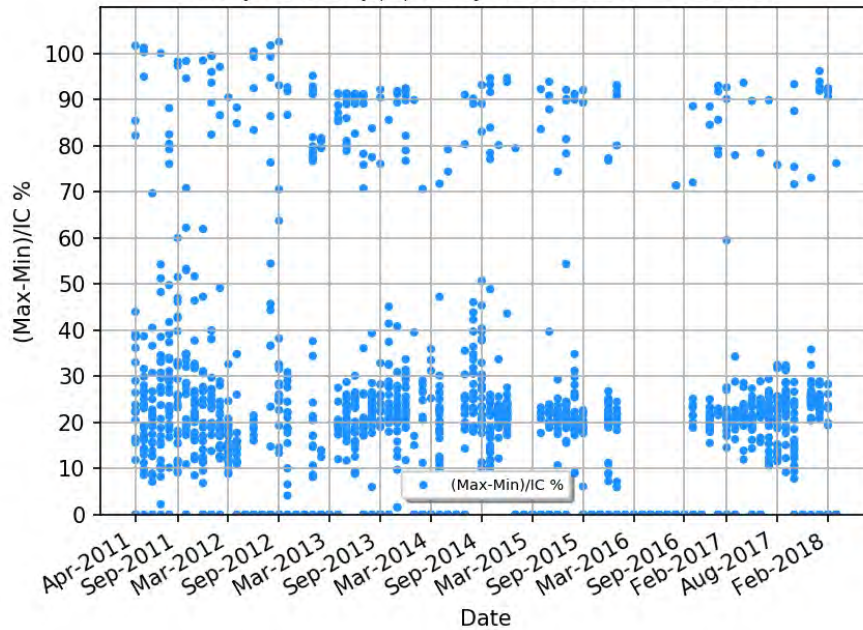
Daily Max Generation : MEJIA TPS UNIT - 1 210 MW



Daily Min Generation : MEJIA TPS UNIT - 1 210 MW



Daily Flexibility(%) : MEJIA TPS UNIT - 1 210 MW

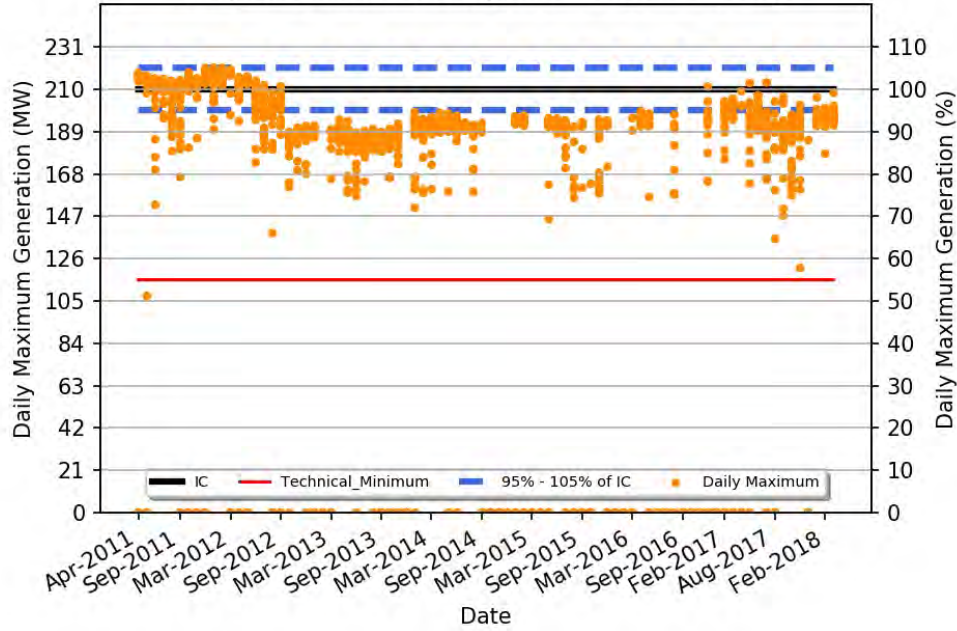


### MEJIA TPS UNIT - 1 210 MW

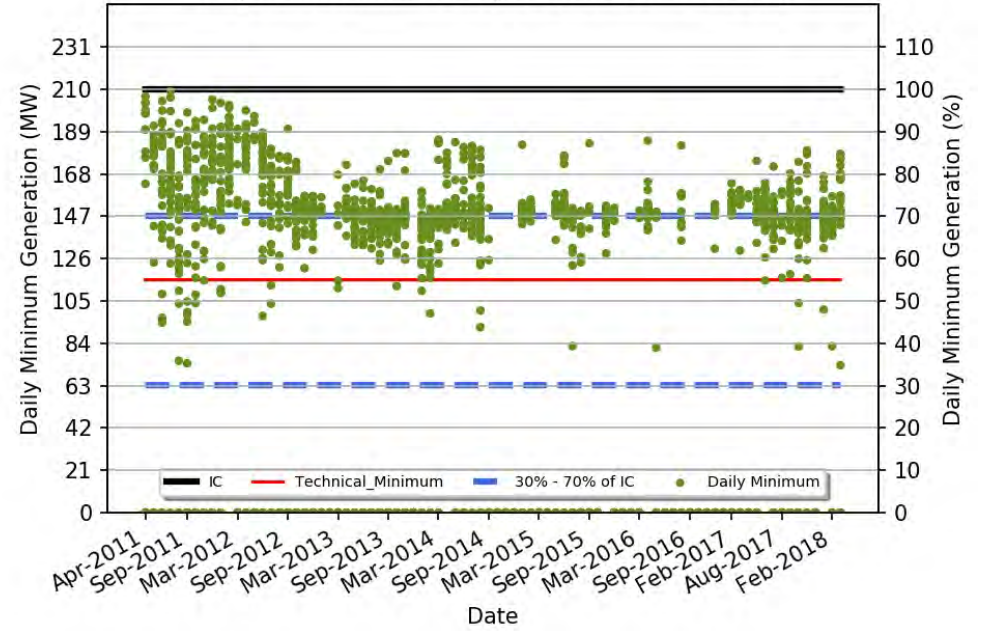
Region	: Eastern Region
Number of Days Considered	: 1322
No. Of Days Max Generation Achieved	: 24 (%)
(% of total days in operation)	
No. Of Days Min Generation Achieved	: 43 (%)
(% of total days in operation)	
Average Flexibility	: 29 (%)
Average Daily Max (MW)	: 192
Daily Average (MW)	: 168
Average Daily Min (MW)	: 130
Average Daily Max/ IC (%)	: 91
Daily Average/IC (%)	: 80
Average Daily Min/IC (%)	: 62
Variable Charge (Paisa/kWh)	: 293



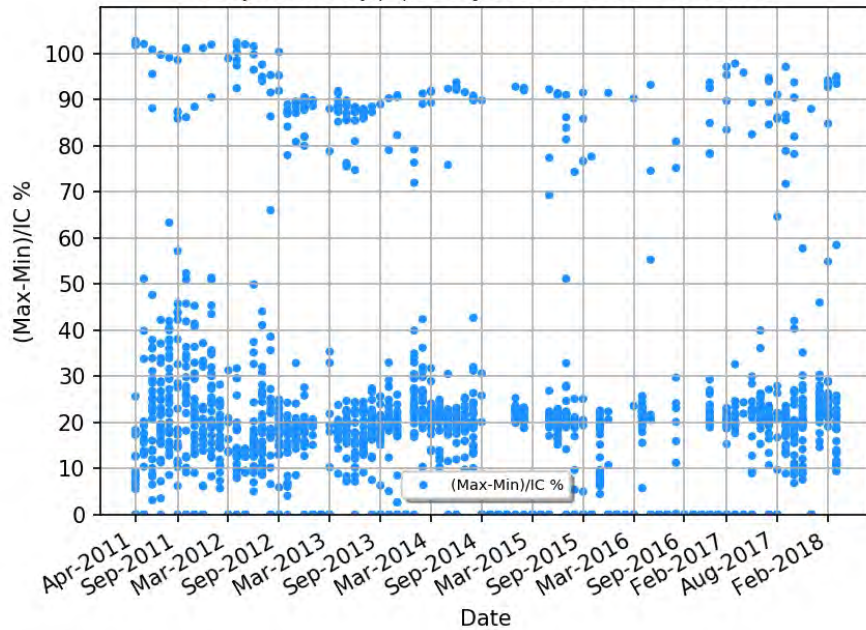
Daily Max Generation : MEJIA TPS UNIT - 2 210 MW



Daily Min Generation : MEJIA TPS UNIT - 2 210 MW



Daily Flexibility(%) : MEJIA TPS UNIT - 2 210 MW

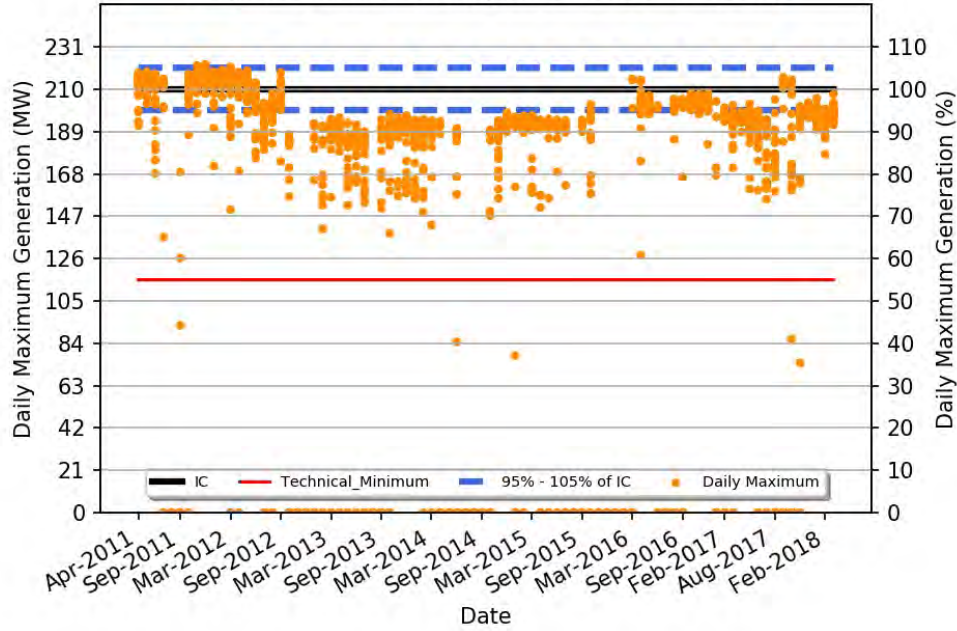


### MEJIA TPS UNIT - 2 210 MW

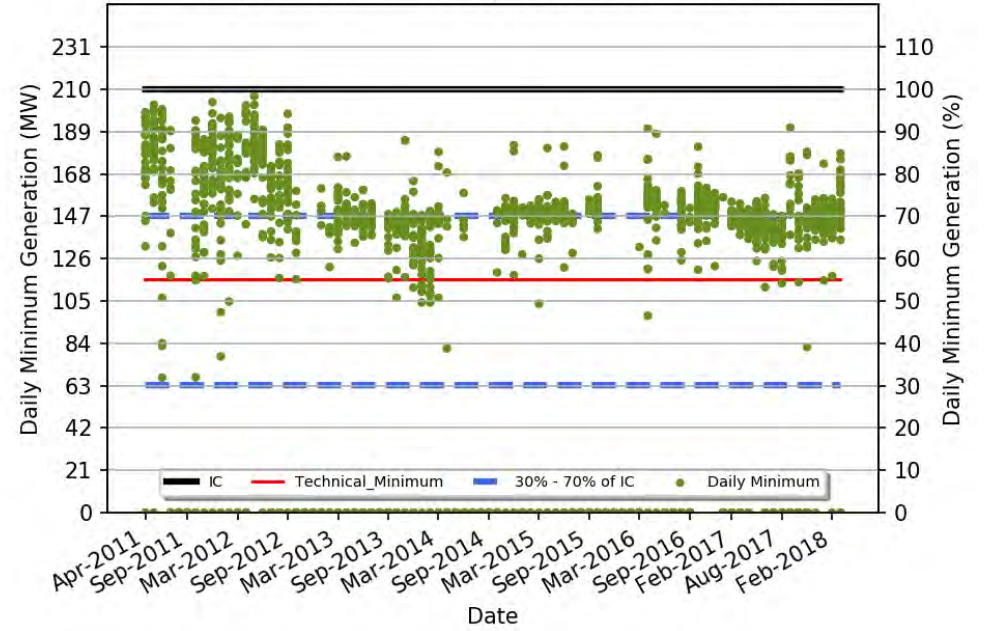
Region	: Eastern Region
Number of Days Considered	: 1497
No. Of Days Max Generation Achieved	: 27 (%)
(% of total days in operation)	
No. Of Days Min Generation Achieved	: 30 (%)
(% of total days in operation)	
Average Flexibility	: 28 (%)
Average Daily Max (MW)	: 194
Daily Average (MW)	: 171
Average Daily Min (MW)	: 135
Average Daily Max/ IC (%)	: 92
Daily Average/IC (%)	: 81
Average Daily Min/IC (%)	: 64
Variable Charge (Paisa/kWh)	: 293



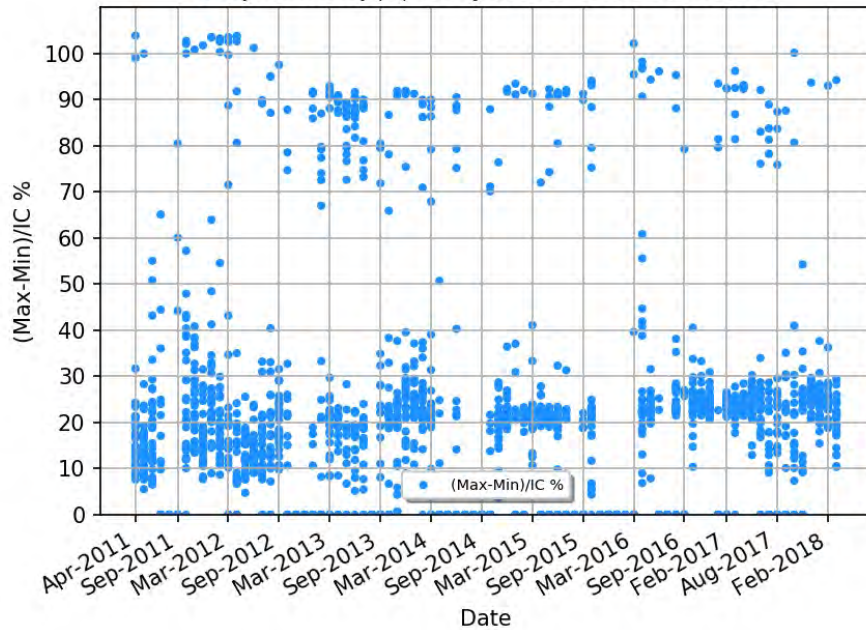
Daily Max Generation : MEJIA TPS UNIT - 3 210 MW



Daily Min Generation : MEJIA TPS UNIT - 3 210 MW



Daily Flexibility(%) : MEJIA TPS UNIT - 3 210 MW

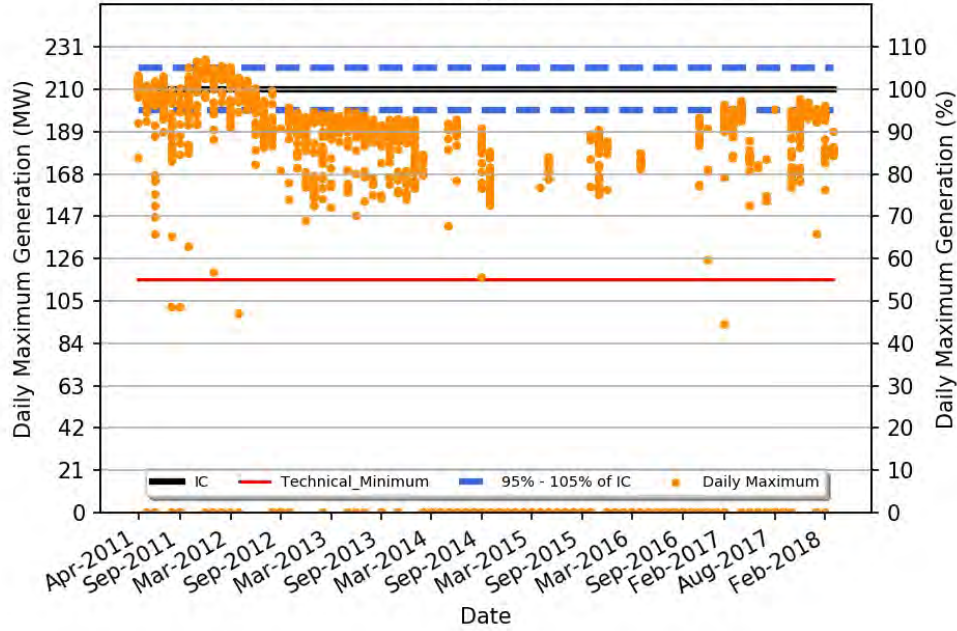


**MEJIA TPS UNIT - 3 210 MW**

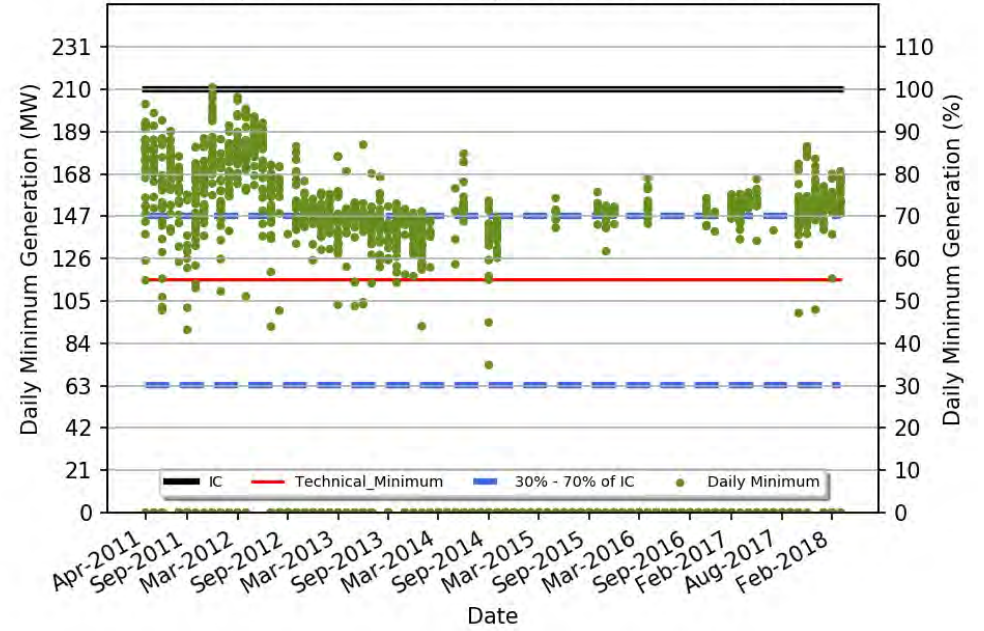
Region	: Eastern Region
Number of Days Considered	: 1547
No. Of Days Max Generation Achieved	: 38 (%)
(% of total days in operation)	
No. Of Days Min Generation Achieved	: 35 (%)
(% of total days in operation)	
Average Flexibility	: 28 (%)
Average Daily Max (MW)	: 196
Daily Average (MW)	: 172
Average Daily Min (MW)	: 136
Average Daily Max/ IC (%)	: 93
Daily Average/IC (%)	: 82
Average Daily Min/IC (%)	: 64
Variable Charge (Paisa/kWh)	: 293



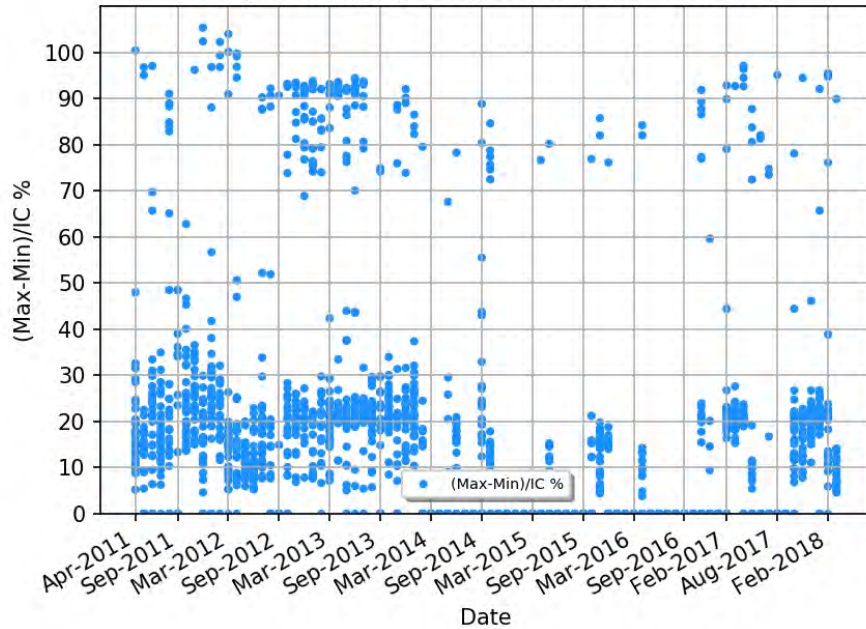
Daily Max Generation : MEJIA TPS UNIT - 4 210 MW



Daily Min Generation : MEJIA TPS UNIT - 4 210 MW



Daily Flexibility(%) : MEJIA TPS UNIT - 4 210 MW

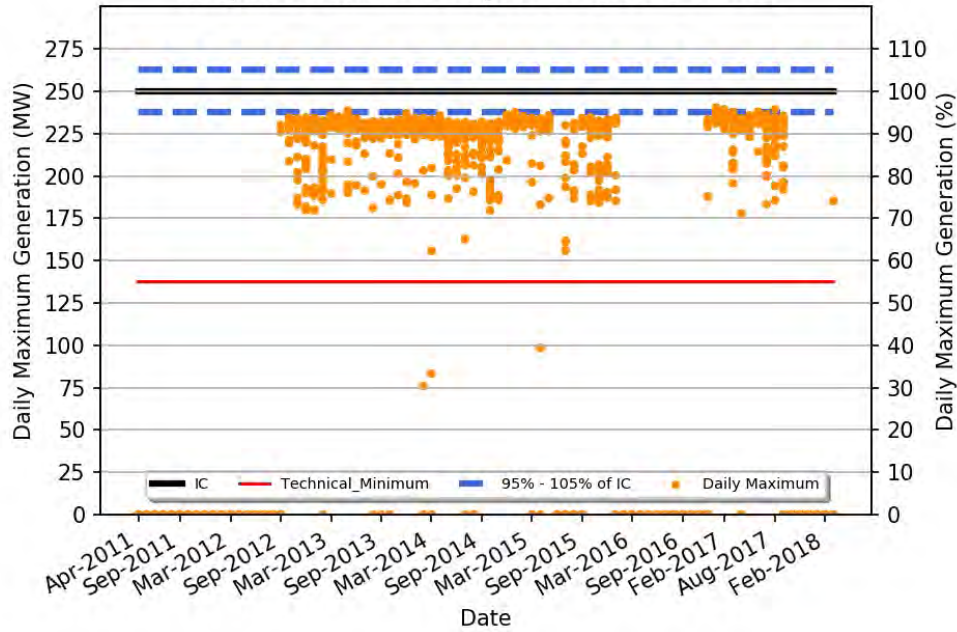


**MEJIA TPS UNIT - 4 210 MW**

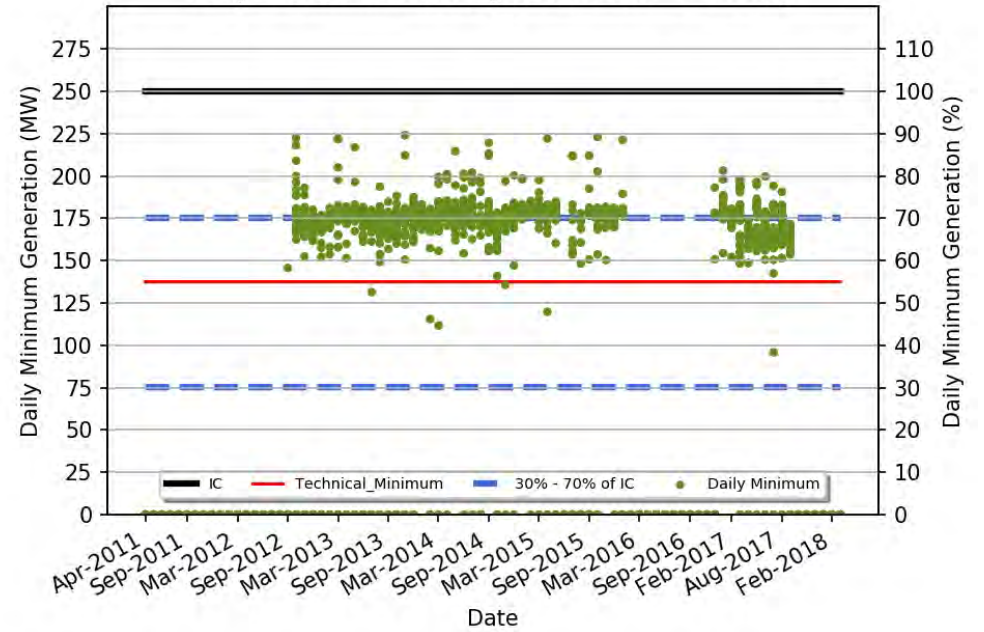
<b>Region</b>	<b>: Eastern Region</b>
<b>Number of Days Considered</b>	<b>: 1289</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 26 (%)</b>
(% of total days in operation)	
<b>No. Of Days Min Generation Achieved</b>	<b>: 30 (%)</b>
(% of total days in operation)	
<b>Average Flexibility</b>	<b>: 27 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 192</b>
<b>Daily Average (MW)</b>	<b>: 169</b>
<b>Average Daily Min (MW)</b>	<b>: 135</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 91</b>
<b>Daily Average/IC (%)</b>	<b>: 80</b>
<b>Average Daily Min/IC (%)</b>	<b>: 64</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 293</b>



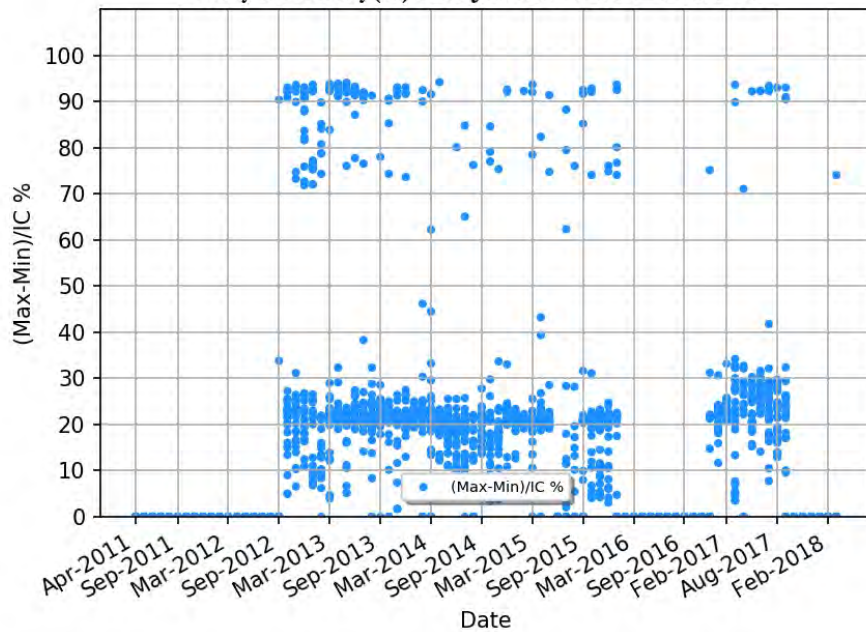
Daily Max Generation : MEJIA TPS UNIT - 5 250 MW



Daily Min Generation : MEJIA TPS UNIT - 5 250 MW



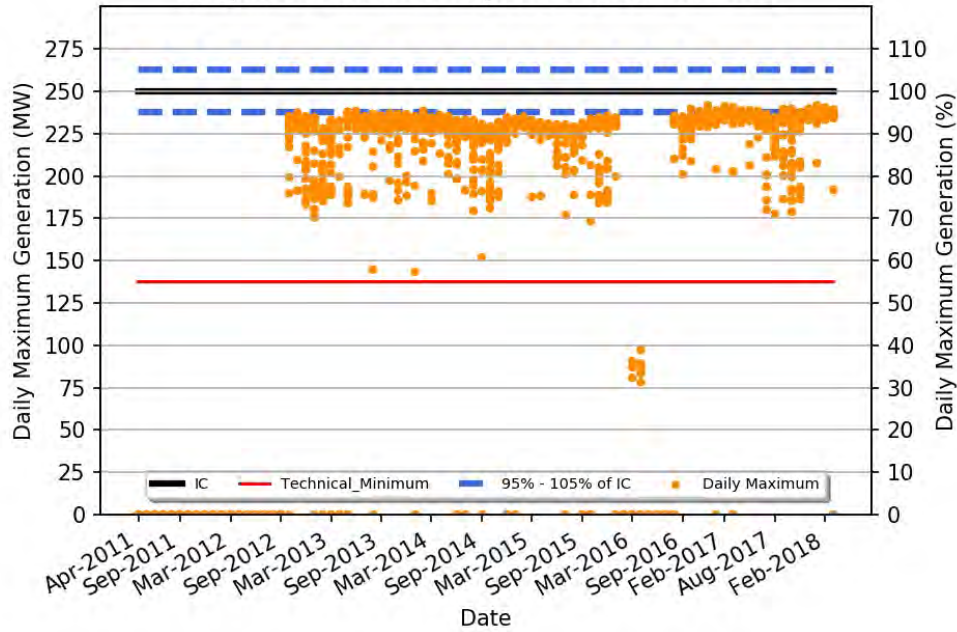
Daily Flexibility(%) : MEJIA TPS UNIT - 5 250 MW



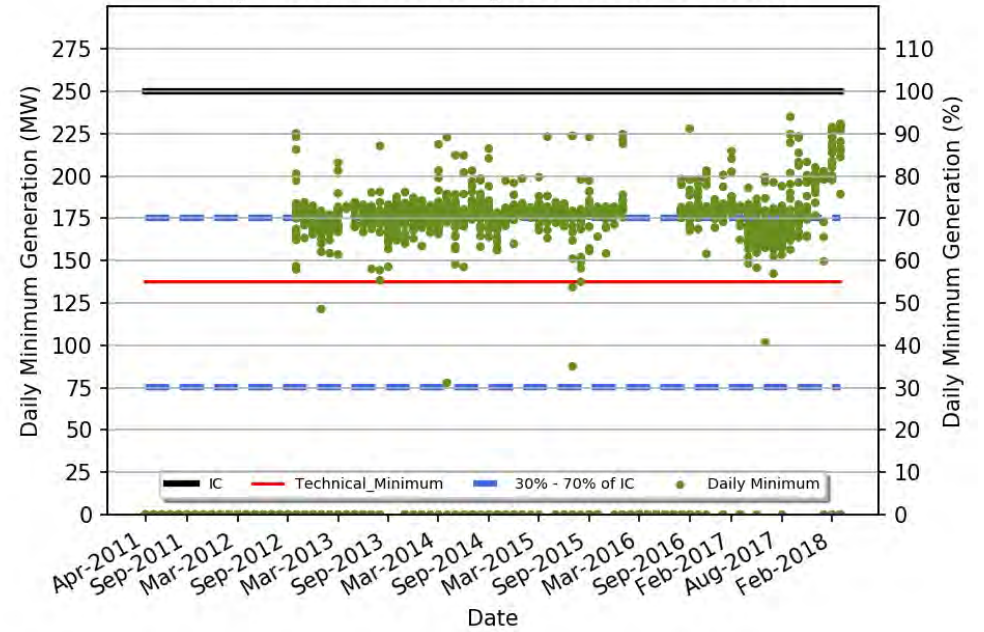
### MEJIA TPS UNIT - 5 250 MW

Region	: Eastern Region
Number of Days Considered	: 1309
No. Of Days Max Generation Achieved	: 0 (%)
(% of total days in operation)	
No. Of Days Min Generation Achieved	: 36 (%)
(% of total days in operation)	
Average Flexibility	: 27 (%)
Average Daily Max (MW)	: 224
Daily Average (MW)	: 195
Average Daily Min (MW)	: 156
Average Daily Max/ IC (%)	: 89
Daily Average/IC (%)	: 78
Average Daily Min/IC (%)	: 62
Variable Charge (Paisa/kWh)	: 293

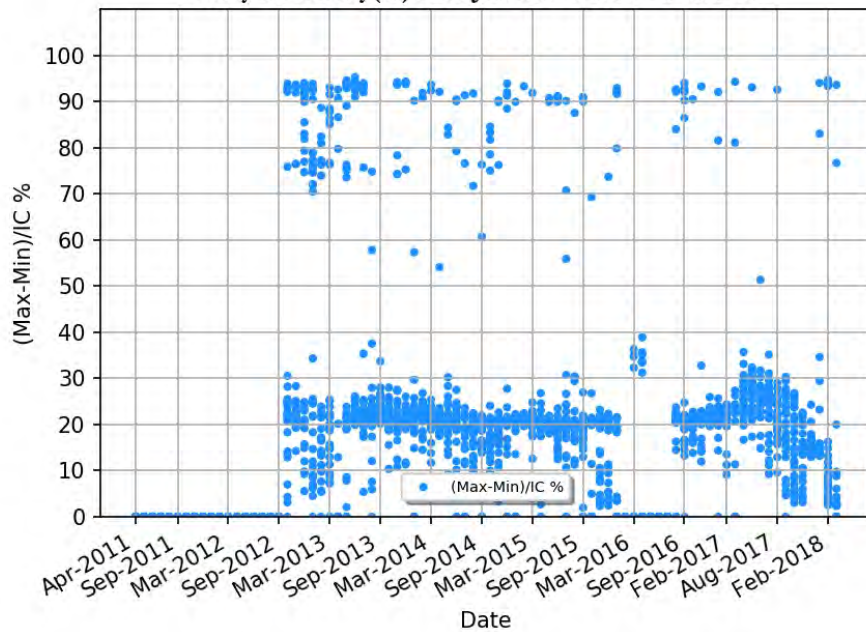
Daily Max Generation : MEJIA TPS UNIT - 6 250 MW



Daily Min Generation : MEJIA TPS UNIT - 6 250 MW



Daily Flexibility(%) : MEJIA TPS UNIT - 6 250 MW

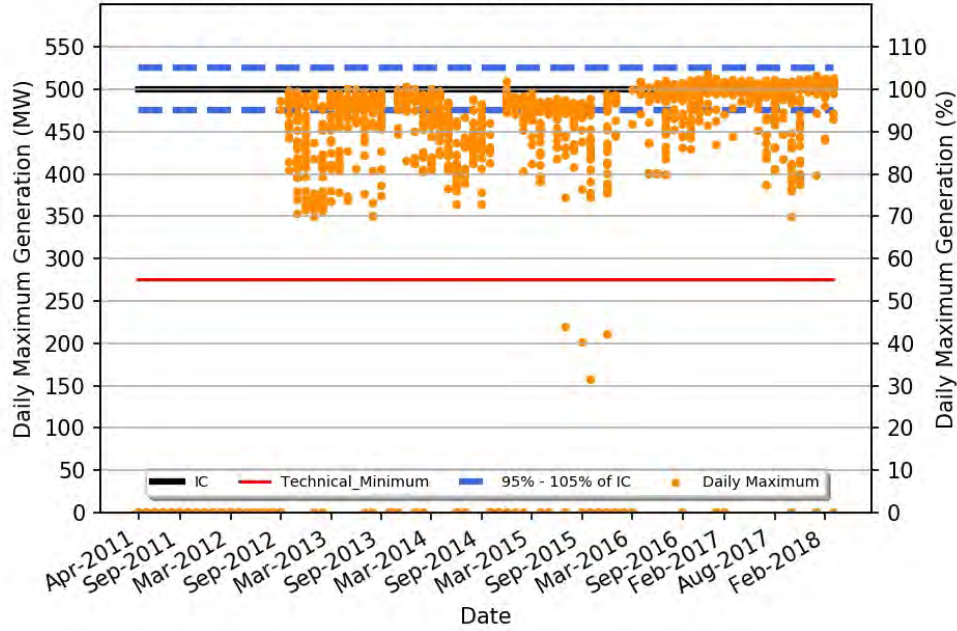


**MEJIA TPS UNIT - 6 250 MW**

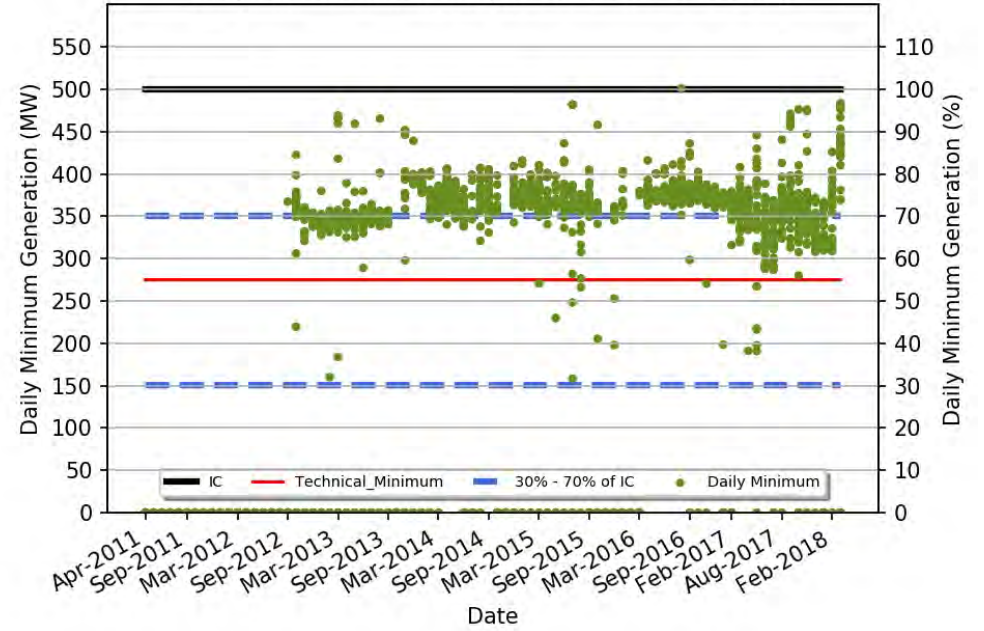
<b>Region</b>	<b>: Eastern Region</b>
<b>Number of Days Considered</b>	<b>: 1657</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 4 (%)</b>
(% of total days in operation)	
<b>No. Of Days Min Generation Achieved</b>	<b>: 26 (%)</b>
(% of total days in operation)	
<b>Average Flexibility</b>	<b>: 26 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 226</b>
<b>Daily Average (MW)</b>	<b>: 199</b>
<b>Average Daily Min (MW)</b>	<b>: 161</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 90</b>
<b>Daily Average/IC (%)</b>	<b>: 79</b>
<b>Average Daily Min/IC (%)</b>	<b>: 64</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 293</b>



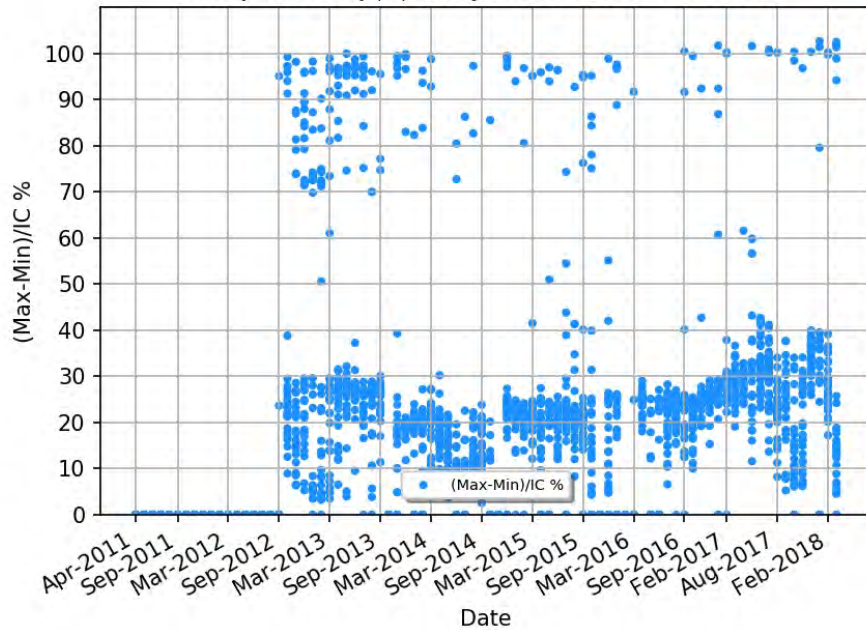
Daily Max Generation : MEJIA TPS UNIT - 7 500 MW



Daily Min Generation : MEJIA TPS UNIT - 7 500 MW



Daily Flexibility(%) : MEJIA TPS UNIT - 7 500 MW

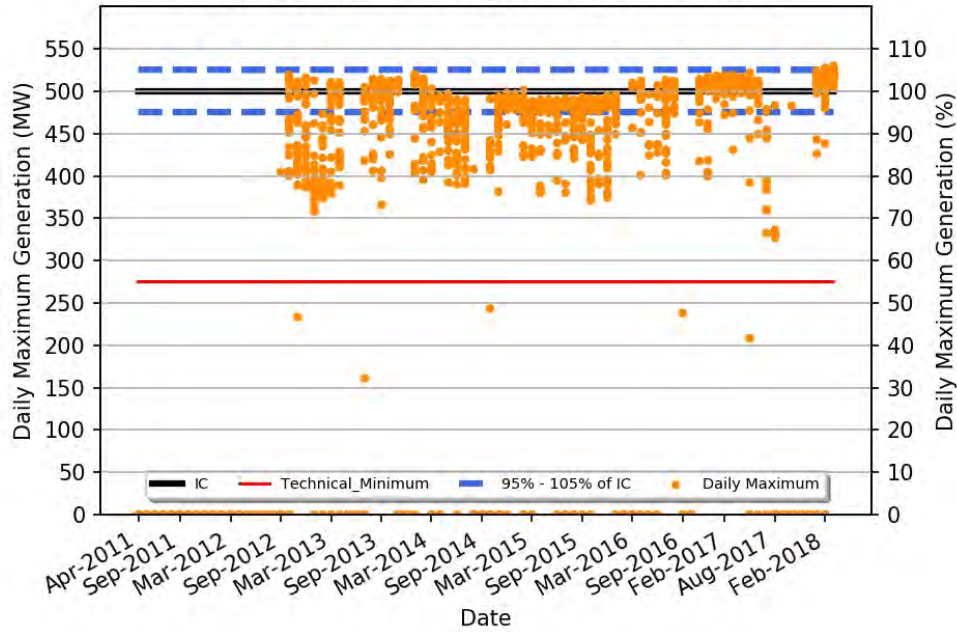


**MEJIA TPS UNIT - 7 500 MW**

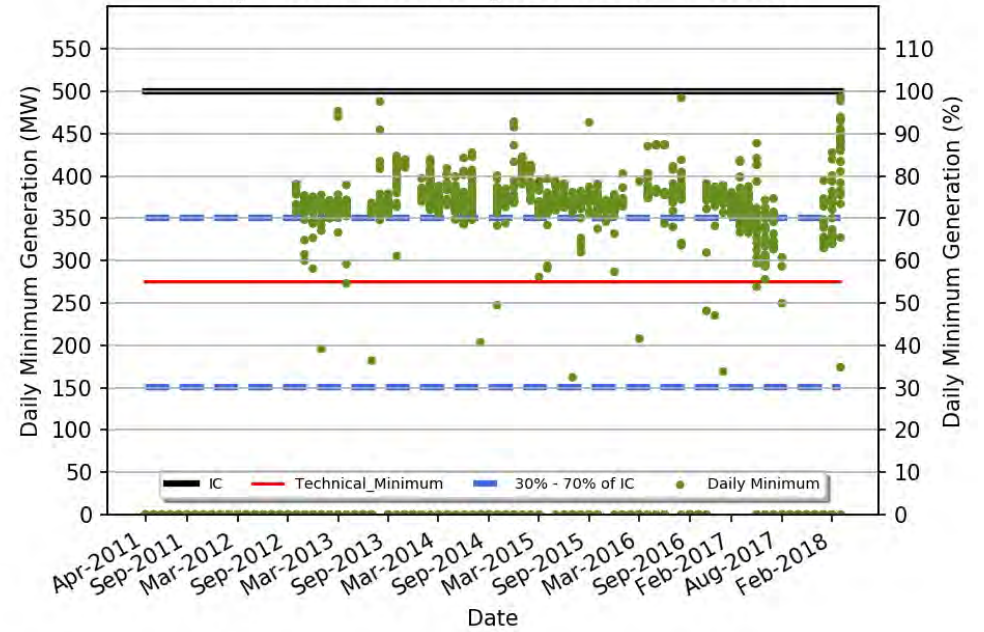
<b>Region</b>	<b>: Eastern Region</b>
<b>Number of Days Considered</b>	<b>: 1666</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 63 (%)</b>
(% of total days in operation)	
<b>No. Of Days Min Generation Achieved</b>	<b>: 21 (%)</b>
(% of total days in operation)	
<b>Average Flexibility</b>	<b>: 30 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 480</b>
<b>Daily Average (MW)</b>	<b>: 407</b>
<b>Average Daily Min (MW)</b>	<b>: 330</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 96</b>
<b>Daily Average/IC (%)</b>	<b>: 81</b>
<b>Average Daily Min/IC (%)</b>	<b>: 66</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 240</b>



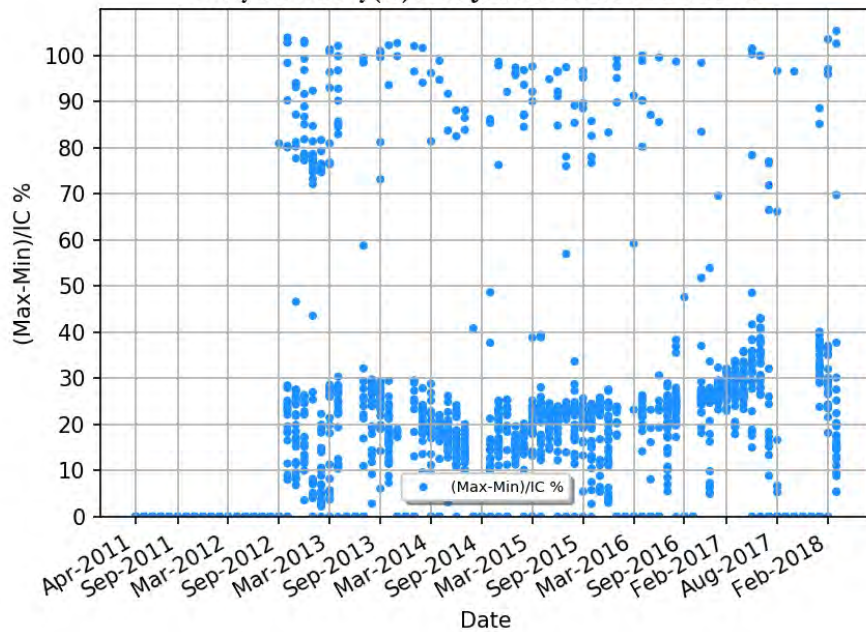
Daily Max Generation : MEJIA TPS UNIT - 8 500 MW



Daily Min Generation : MEJIA TPS UNIT - 8 500 MW



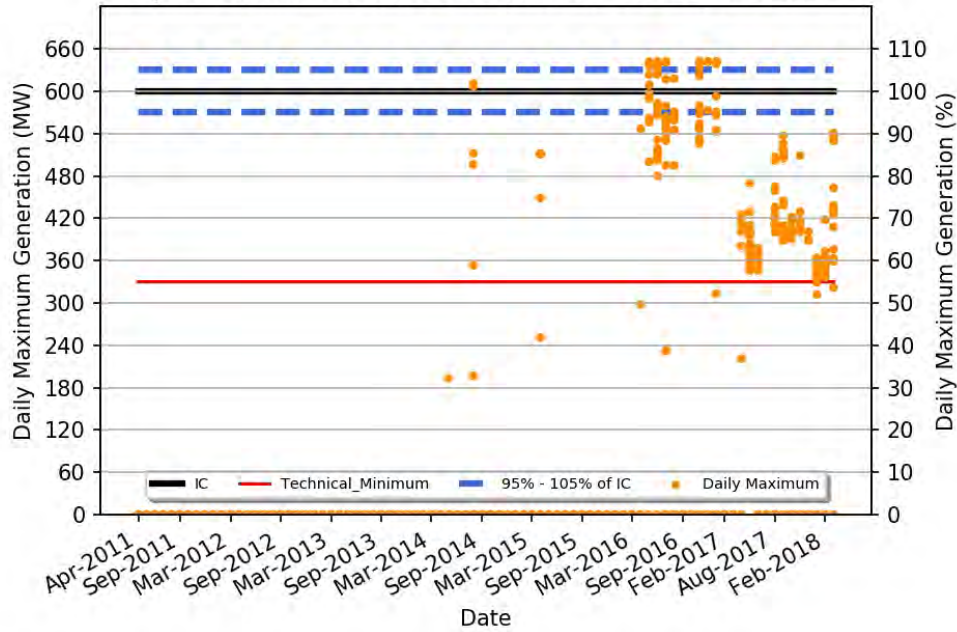
Daily Flexibility(%) : MEJIA TPS UNIT - 8 500 MW



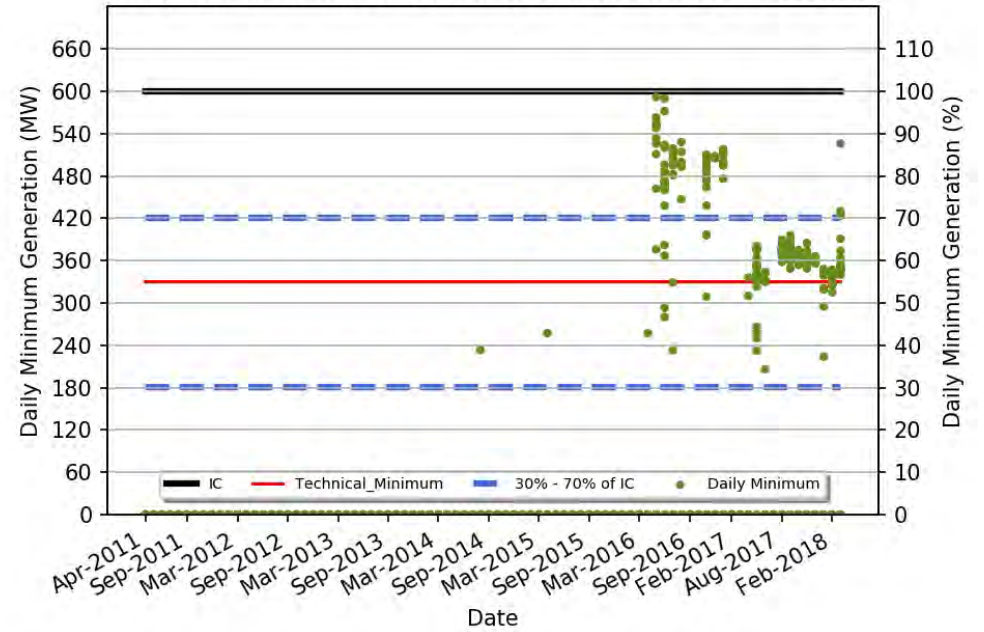
### MEJIA TPS UNIT - 8 500 MW

Region	: Eastern Region
Number of Days Considered	: 1339
No. Of Days Max Generation Achieved	: 61 (%)
(% of total days in operation)	
No. Of Days Min Generation Achieved	: 10 (%)
(% of total days in operation)	
Average Flexibility	: 28 (%)
Average Daily Max (MW)	: 472
Daily Average (MW)	: 406
Average Daily Min (MW)	: 332
Average Daily Max/ IC (%)	: 94
Daily Average/IC (%)	: 81
Average Daily Min/IC (%)	: 66
Variable Charge (Paisa/kWh)	: 240

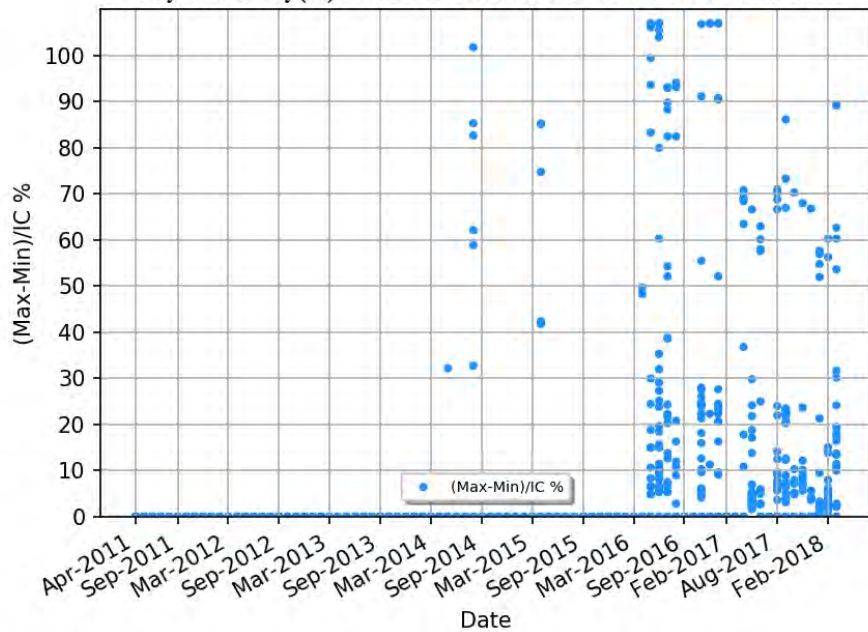
Daily Max Generation : RAGHUNATHPUR TPP UNIT - 1 600 MW



Daily Min Generation : RAGHUNATHPUR TPP UNIT - 1 600 MW



Daily Flexibility(%) : RAGHUNATHPUR TPP UNIT - 1 600 MW

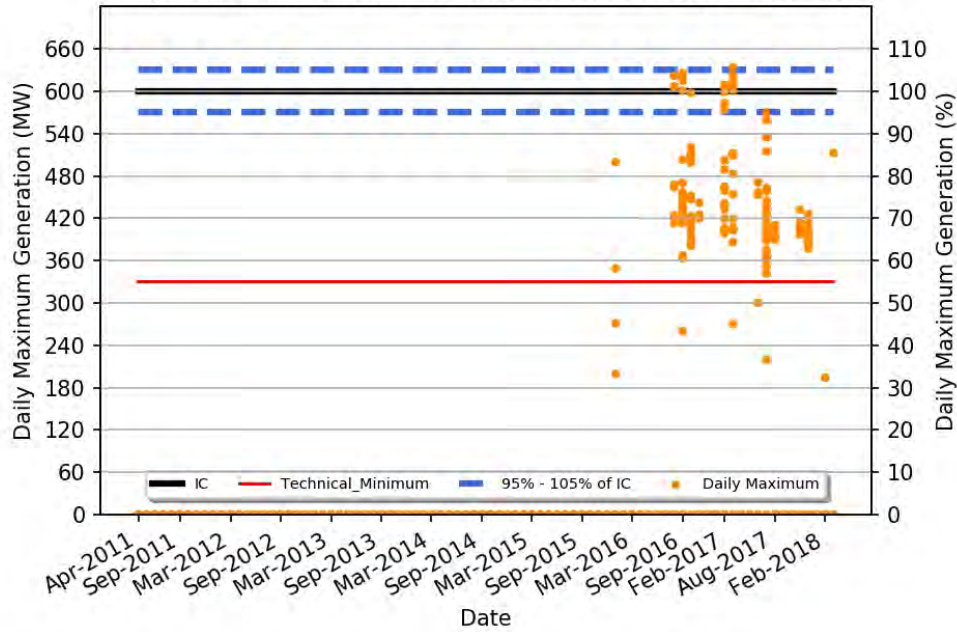


**RAGHUNATHPUR TPP UNIT - 1 600 MW**

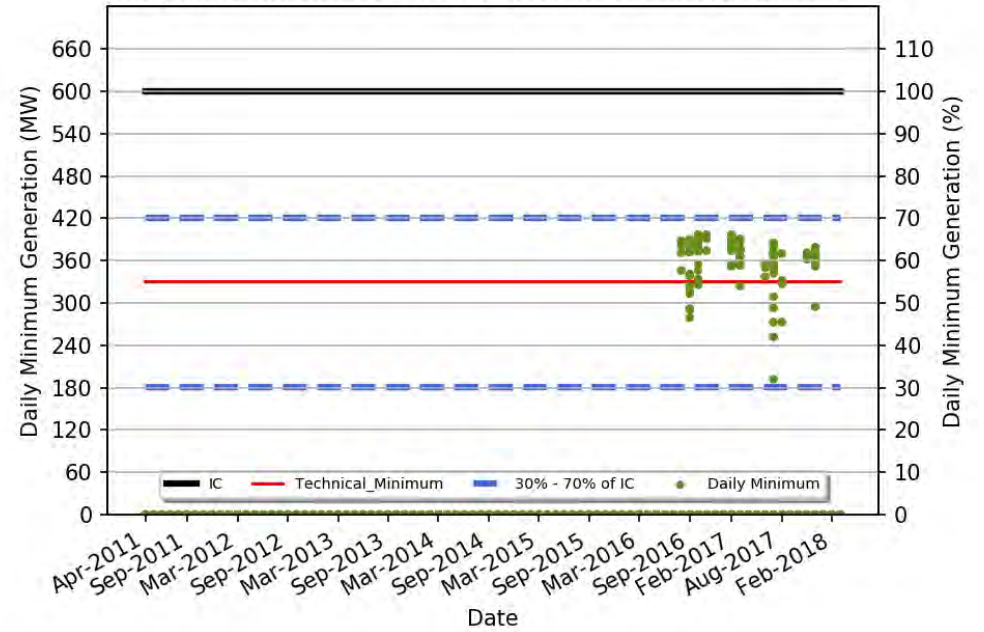
<b>Region</b>	<b>: Eastern Region</b>
<b>Number of Days Considered</b>	<b>: 298</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 8 (%)</b>
(% of total days in operation)	
<b>No. Of Days Min Generation Achieved</b>	<b>: 55 (%)</b>
(% of total days in operation)	
<b>Average Flexibility</b>	<b>: 25 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 475</b>
<b>Daily Average (MW)</b>	<b>: 419</b>
<b>Average Daily Min (MW)</b>	<b>: 325</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 79</b>
<b>Daily Average/IC (%)</b>	<b>: 69</b>
<b>Average Daily Min/IC (%)</b>	<b>: 54</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 286</b>



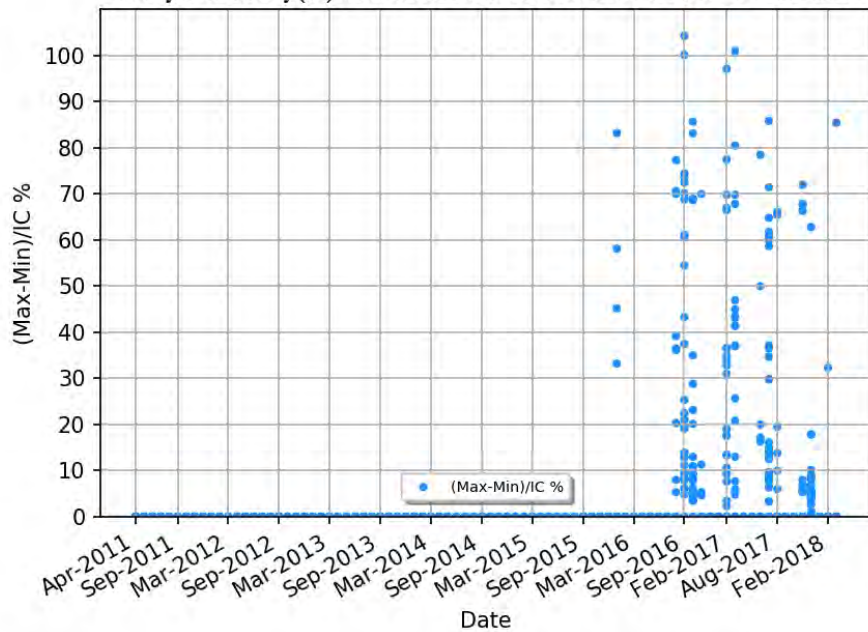
Daily Max Generation : RAGHUNATHPUR TPP UNIT - 2 600 MW



Daily Min Generation : RAGHUNATHPUR TPP UNIT - 2 600 MW



Daily Flexibility(%) : RAGHUNATHPUR TPP UNIT - 2 600 MW

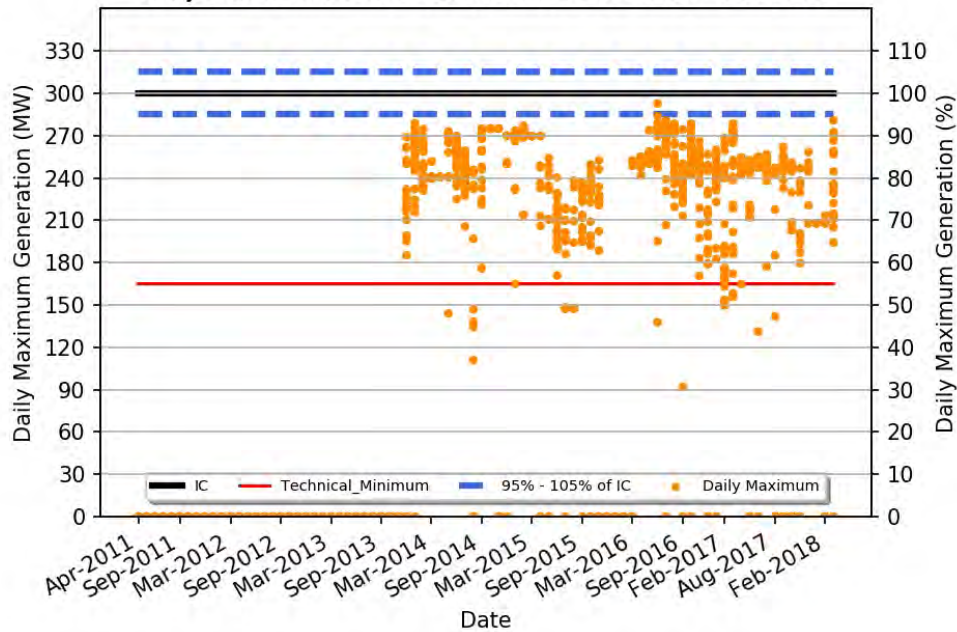


**RAGHUNATHPUR TPP UNIT - 2 600 MW**

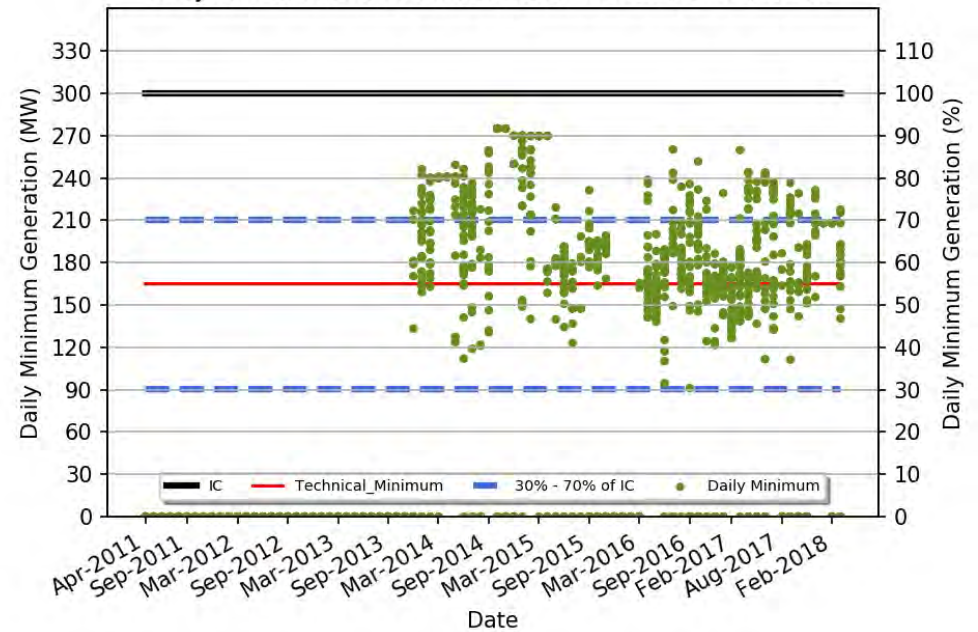
<b>Region</b>	<b>: Eastern Region</b>
<b>Number of Days Considered</b>	<b>: 175</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 12 (%)</b>
<i>(% of total days in operation)</i>	
<b>No. Of Days Min Generation Achieved</b>	<b>: 79 (%)</b>
<i>(% of total days in operation)</i>	
<b>Average Flexibility</b>	<b>: 26 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 447</b>
<b>Daily Average (MW)</b>	<b>: 381</b>
<b>Average Daily Min (MW)</b>	<b>: 286</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 74</b>
<b>Daily Average/IC (%)</b>	<b>: 63</b>
<b>Average Daily Min/IC (%)</b>	<b>: 47</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 286</b>



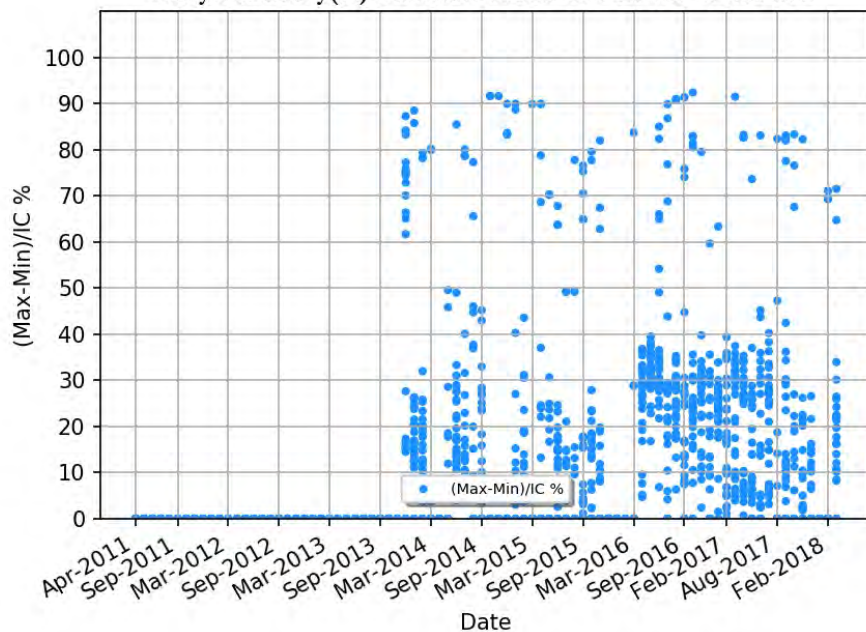
Daily Max Generation : SAGARDIGHI TPS UNIT - 1 300 MW



Daily Min Generation : SAGARDIGHI TPS UNIT - 1 300 MW



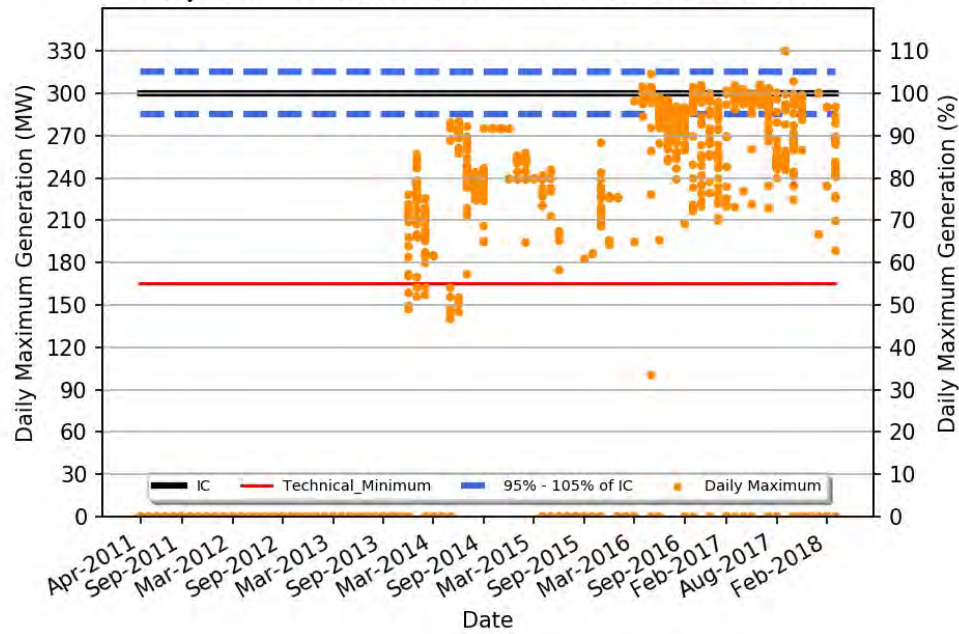
Daily Flexibility(%) : SAGARDIGHI TPS UNIT - 1 300 MW



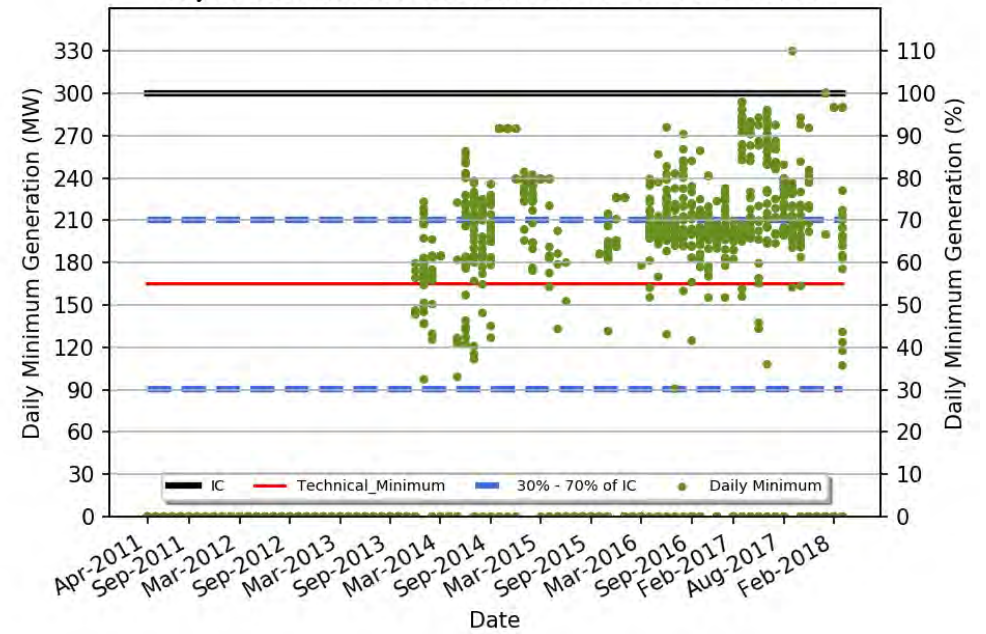
### SAGARDIGHI TPS UNIT - 1 300 MW

Region	: Eastern Region
Number of Days Considered	: 1186
No. Of Days Max Generation Achieved	: 0 (%)
(% of total days in operation)	
No. Of Days Min Generation Achieved	: 61 (%)
(% of total days in operation)	
Average Flexibility	: 17 (%)
Average Daily Max (MW)	: 238
Daily Average (MW)	: 217
Average Daily Min (MW)	: 184
Average Daily Max/ IC (%)	: 79
Daily Average/IC (%)	: 72
Average Daily Min/IC (%)	: 61
Variable Charge (Paisa/kWh)	: 343

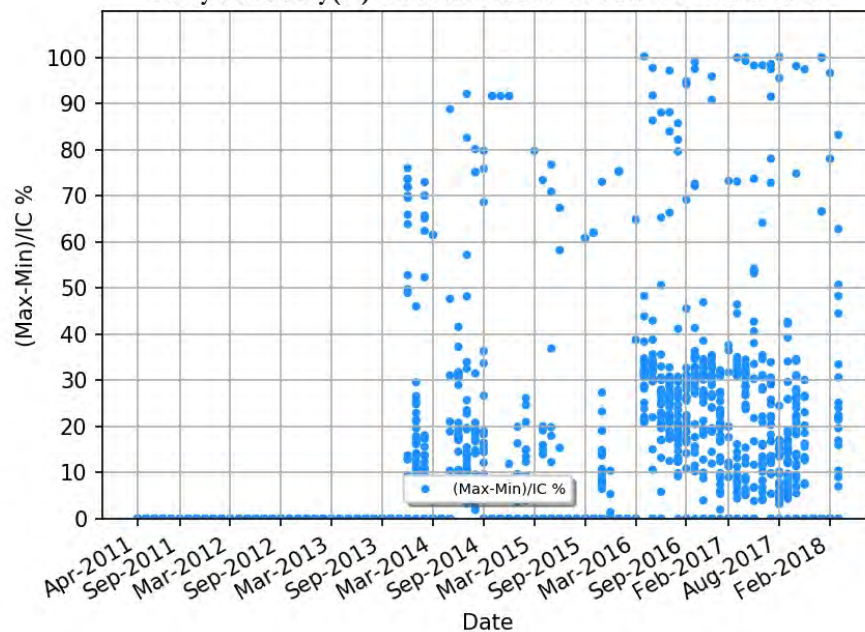
Daily Max Generation : SAGARDIGHI TPS UNIT - 2 300 MW



Daily Min Generation : SAGARDIGHI TPS UNIT - 2 300 MW



Daily Flexibility(%) : SAGARDIGHI TPS UNIT - 2 300 MW

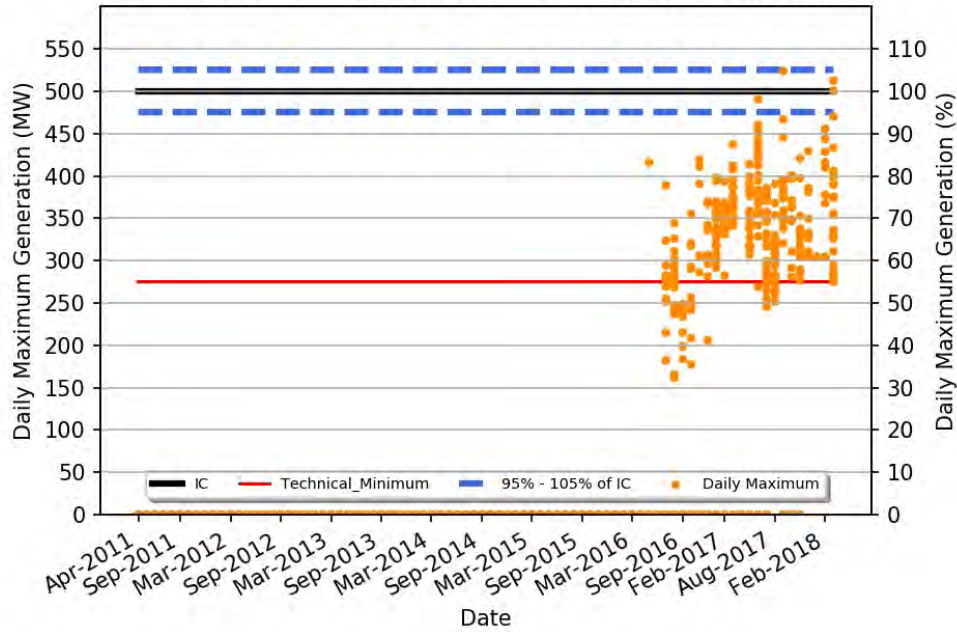


### SAGARDIGHI TPS UNIT - 2 300 MW

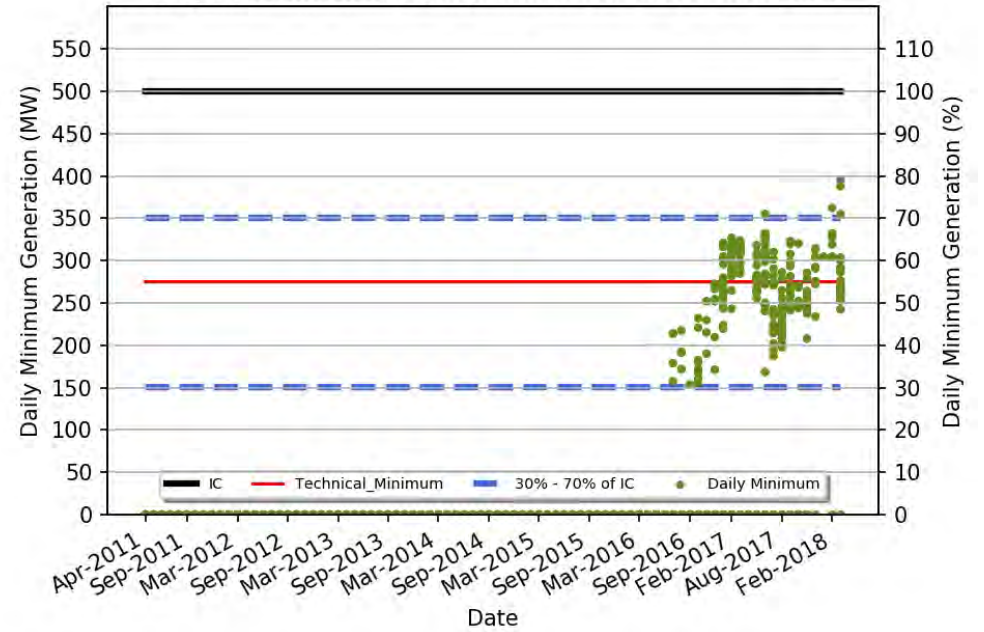
Region	: Eastern Region
Number of Days Considered	: 1072
No. Of Days Max Generation Achieved	: 30 (%)
(% of total days in operation)	
No. Of Days Min Generation Achieved	: 43 (%)
(% of total days in operation)	
Average Flexibility	: 19 (%)
Average Daily Max (MW)	: 259
Daily Average (MW)	: 237
Average Daily Min (MW)	: 202
Average Daily Max/ IC (%)	: 86
Daily Average/IC (%)	: 79
Average Daily Min/IC (%)	: 67
Variable Charge (Paisa/kWh)	: 343



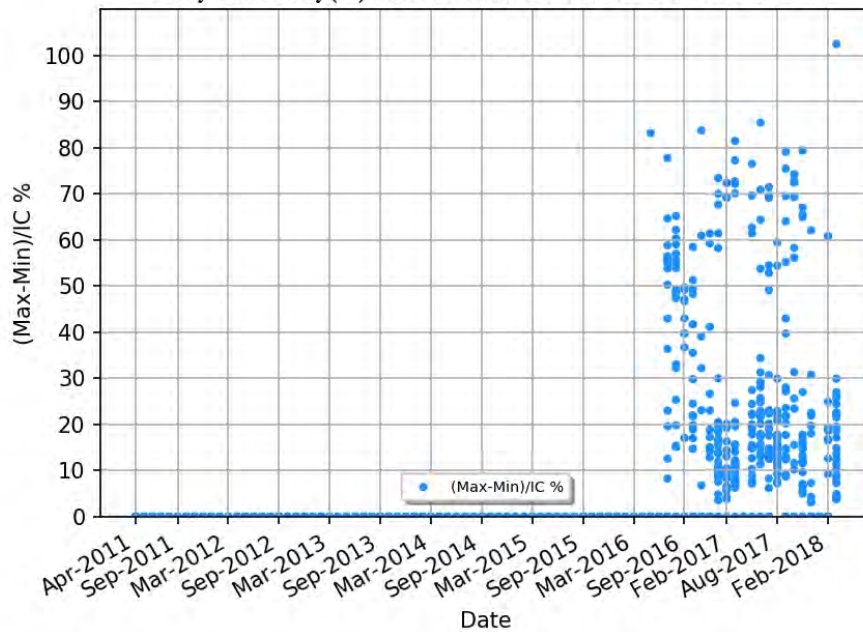
Daily Max Generation : SAGARDIGHI TPS UNIT - 3 500 MW



Daily Min Generation : SAGARDIGHI TPS UNIT - 3 500 MW



Daily Flexibility(%): SAGARDIGHI TPS UNIT - 3 500 MW

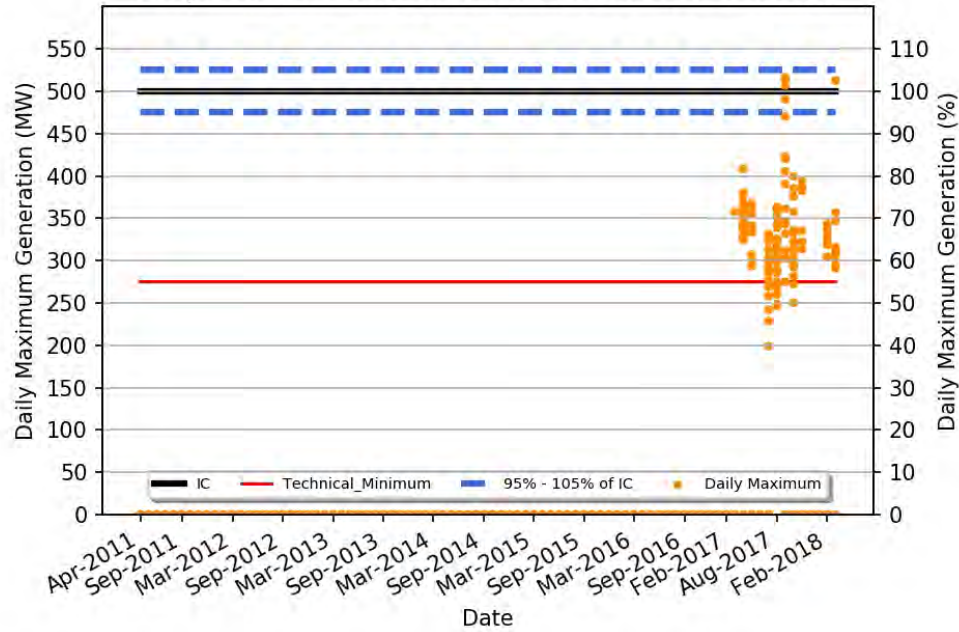


### SAGARDIGHI TPS UNIT - 3 500 MW

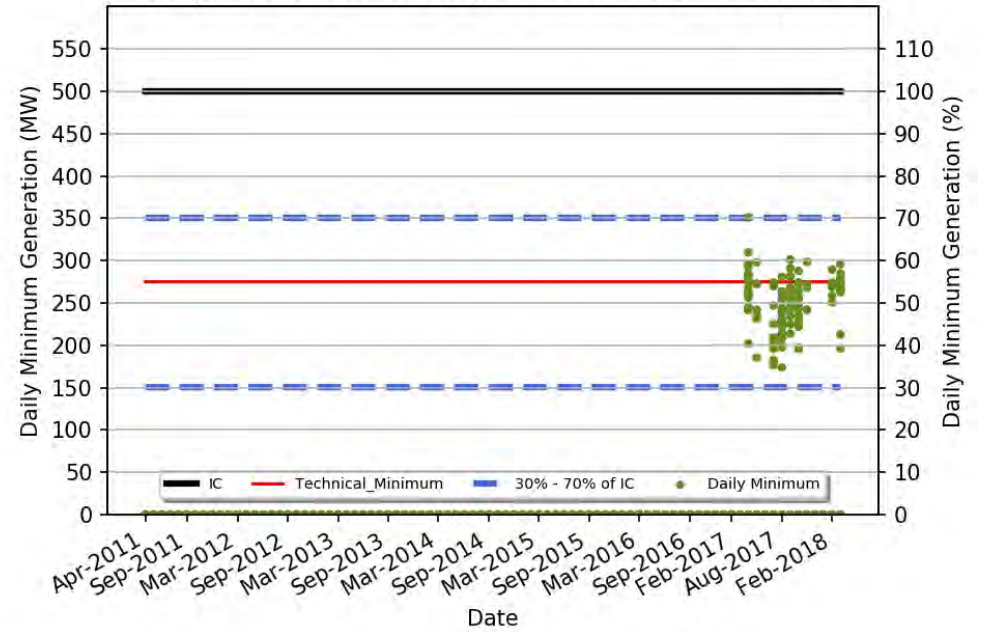
Region	: Eastern Region
Number of Days Considered	: 402
No. Of Days Max Generation Achieved	: 0 (%)
(% of total days in operation)	
No. Of Days Min Generation Achieved	: 83 (%)
(% of total days in operation)	
Average Flexibility	: 20 (%)
Average Daily Max (MW)	: 337
Daily Average (MW)	: 292
Average Daily Min (MW)	: 235
Average Daily Max/ IC (%)	: 67
Daily Average/IC (%)	: 58
Average Daily Min/IC (%)	: 47
Variable Charge (Paisa/kWh)	: 343



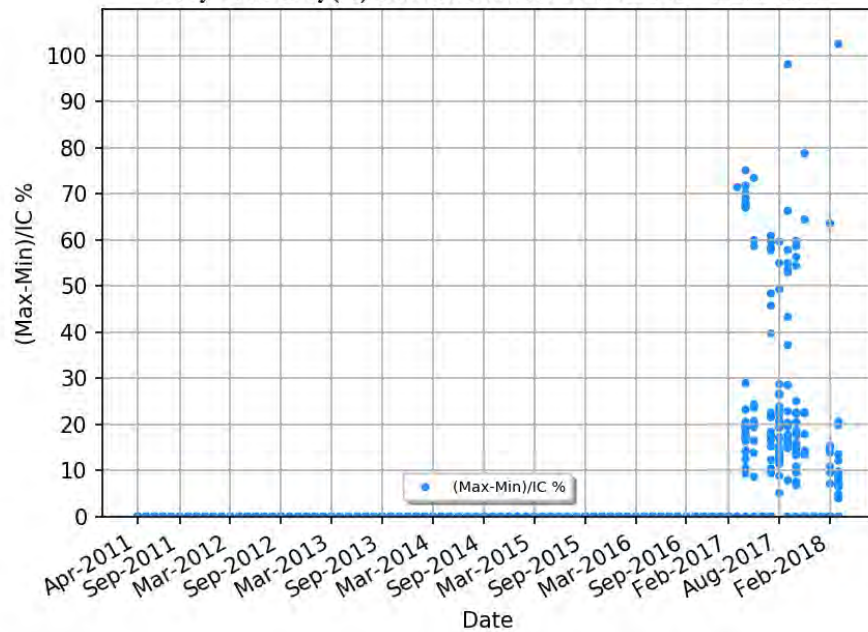
Daily Max Generation : SAGARDIGHI TPS UNIT - 4 500 MW



Daily Min Generation : SAGARDIGHI TPS UNIT - 4 500 MW



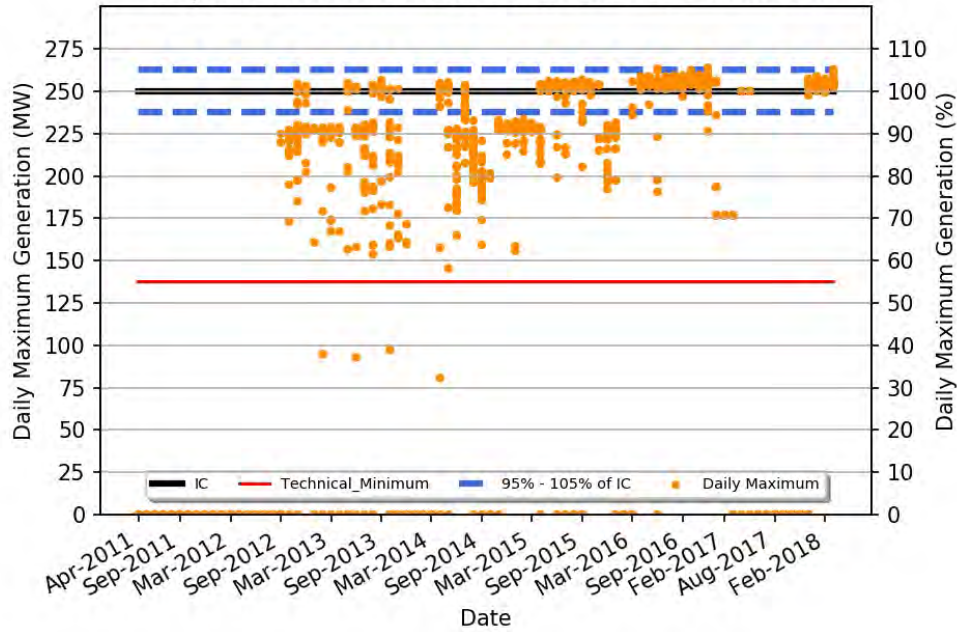
Daily Flexibility(%) : SAGARDIGHI TPS UNIT - 4 500 MW



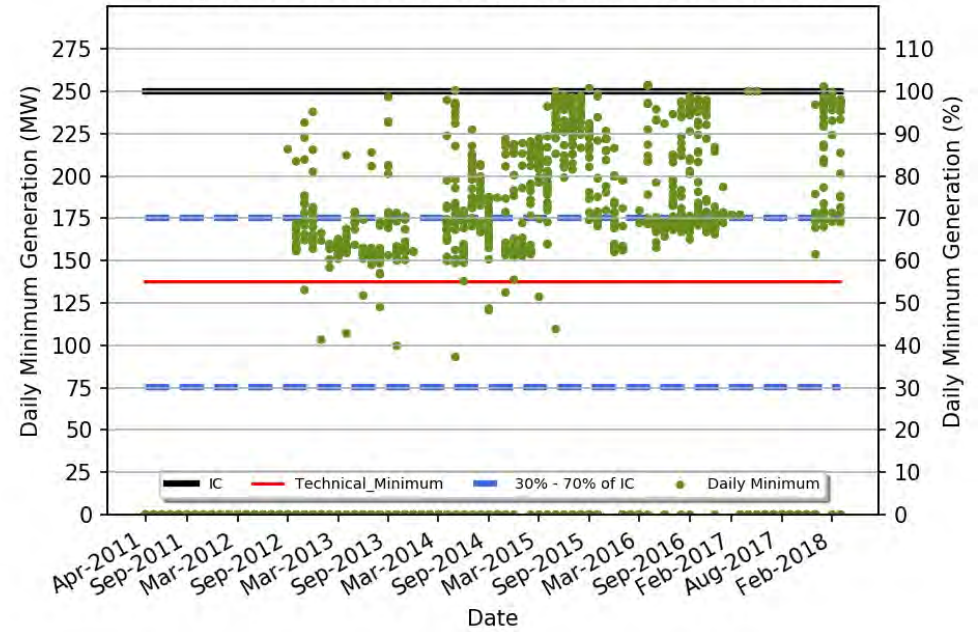
### SAGARDIGHI TPS UNIT - 4 500 MW

Region	: Eastern Region
Number of Days Considered	: 149
No. Of Days Max Generation Achieved	: 3 (%)
(% of total days in operation)	
No. Of Days Min Generation Achieved	: 81 (%)
(% of total days in operation)	
Average Flexibility	: 25 (%)
Average Daily Max (MW)	: 330
Daily Average (MW)	: 276
Average Daily Min (MW)	: 203
Average Daily Max/ IC (%)	: 66
Daily Average/IC (%)	: 55
Average Daily Min/IC (%)	: 40
Variable Charge (Paisa/kWh)	: 343

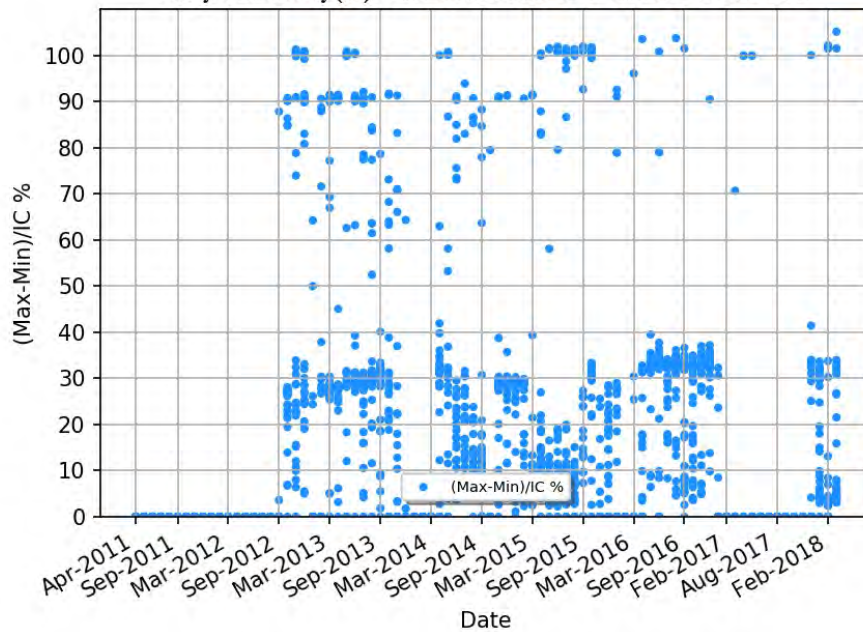
Daily Max Generation : SANTALDIH TPS UNIT - 5 250 MW



Daily Min Generation : SANTALDIH TPS UNIT - 5 250 MW



Daily Flexibility(%) : SANTALDIH TPS UNIT - 5 250 MW

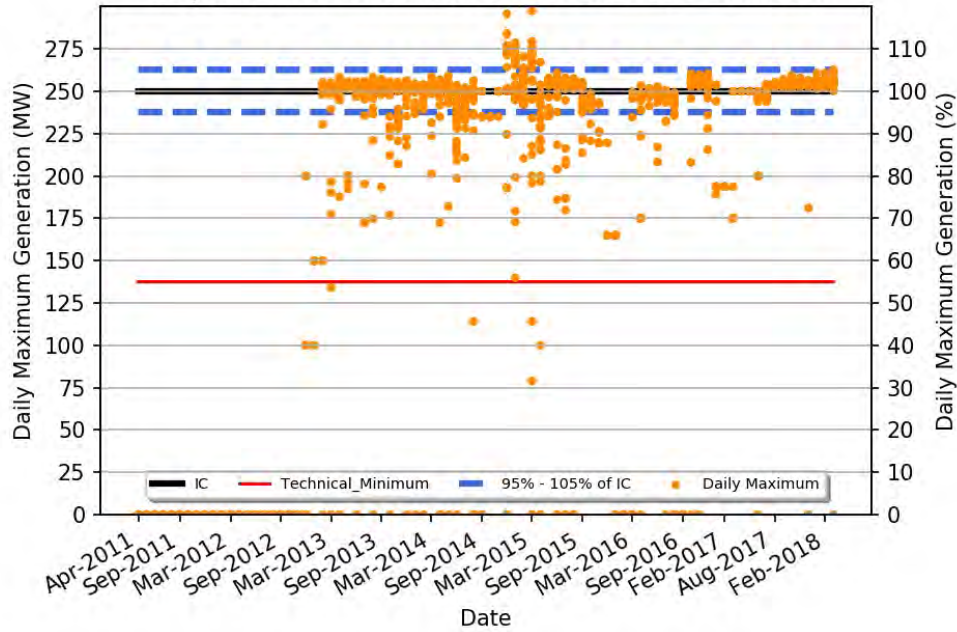


**SANTALDIH TPS UNIT - 5 250 MW**

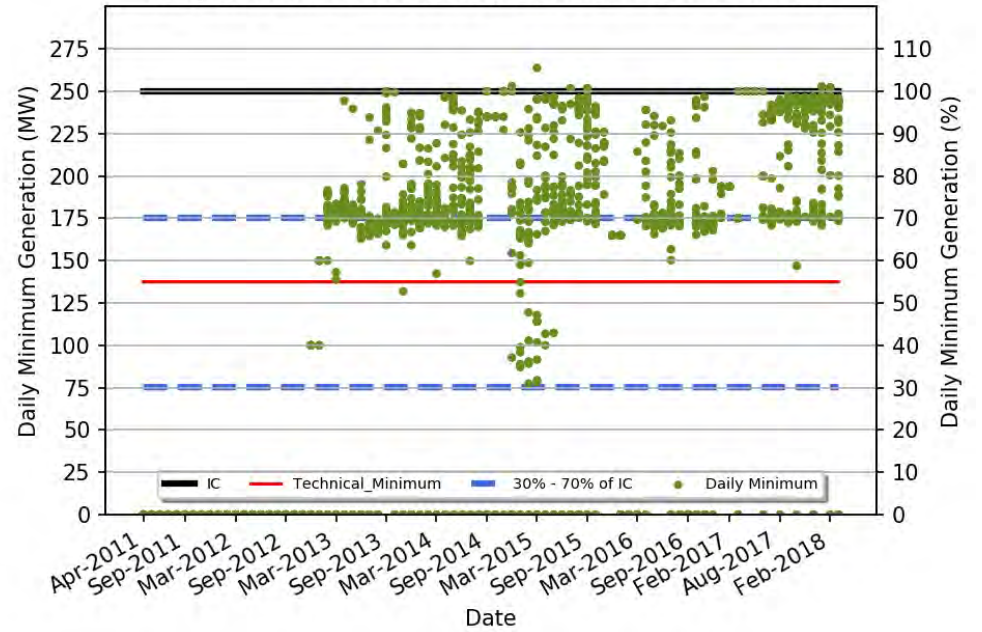
<b>Region</b>	<b>: Eastern Region</b>
<b>Number of Days Considered</b>	<b>: 1397</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 50 (%)</b>
(% of total days in operation)	
<b>No. Of Days Min Generation Achieved</b>	<b>: 39 (%)</b>
(% of total days in operation)	
<b>Average Flexibility</b>	<b>: 25 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 233</b>
<b>Daily Average (MW)</b>	<b>: 210</b>
<b>Average Daily Min (MW)</b>	<b>: 170</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 93</b>
<b>Daily Average/IC (%)</b>	<b>: 84</b>
<b>Average Daily Min/IC (%)</b>	<b>: 68</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 262</b>



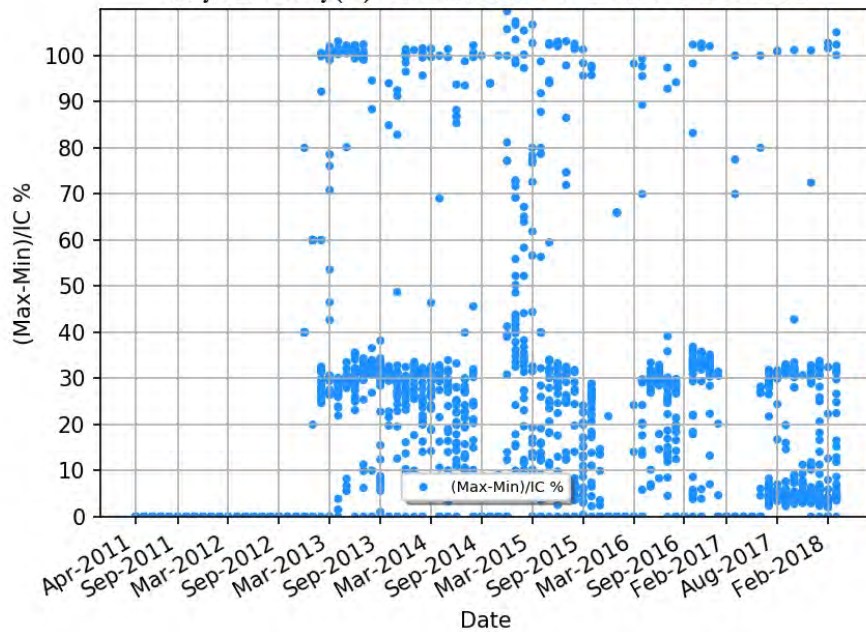
Daily Max Generation : SANTALDIH TPS UNIT - 6 250 MW



Daily Min Generation : SANTALDIH TPS UNIT - 6 250 MW



Daily Flexibility(%) : SANTALDIH TPS UNIT - 6 250 MW



**SANTALDIH TPS UNIT - 6 250 MW**

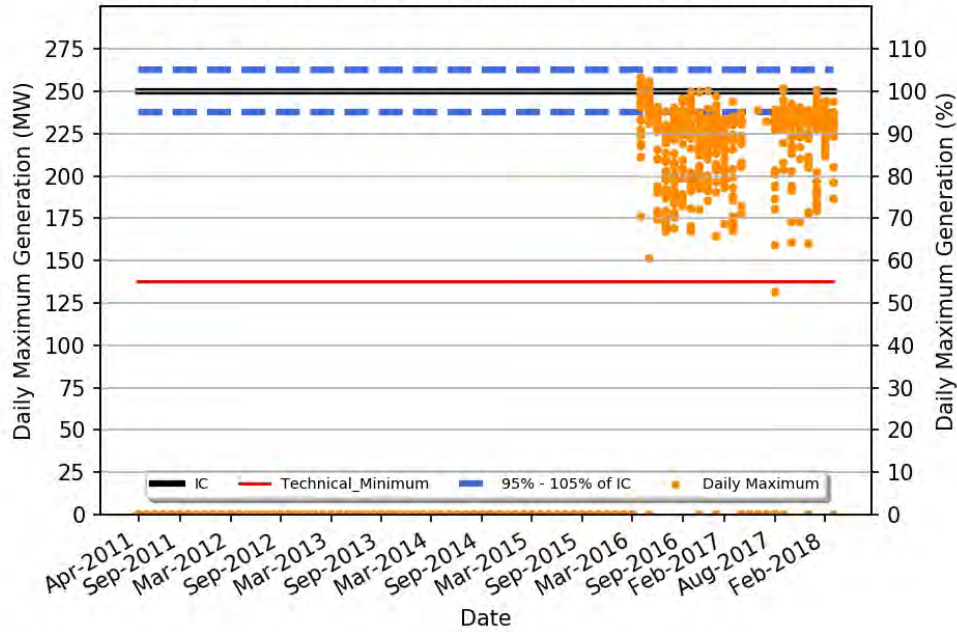
<b>Region</b>	<b>: Eastern Region</b>
<b>Number of Days Considered</b>	<b>: 1689</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 74 (%)</b>
(% of total days in operation)	
<b>No. Of Days Min Generation Achieved</b>	<b>: 26 (%)</b>
(% of total days in operation)	
<b>Average Flexibility</b>	<b>: 24 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 239</b>
<b>Daily Average (MW)</b>	<b>: 215</b>
<b>Average Daily Min (MW)</b>	<b>: 178</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 95</b>
<b>Daily Average/IC (%)</b>	<b>: 86</b>
<b>Average Daily Min/IC (%)</b>	<b>: 71</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 262</b>



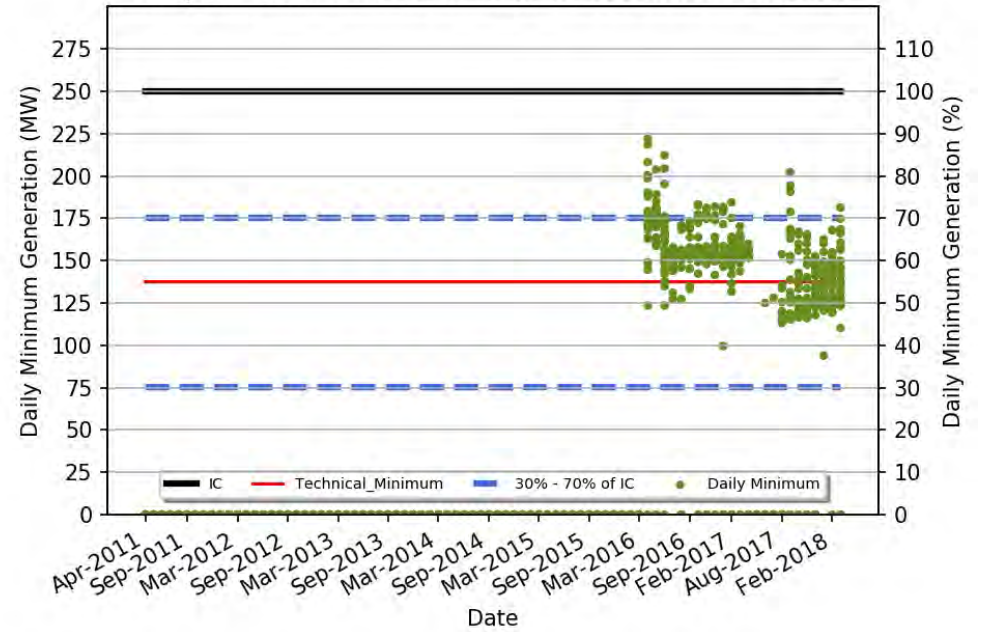
# NORTH-EASTERN REGION

# CENTRAL GENERATION STATIONS

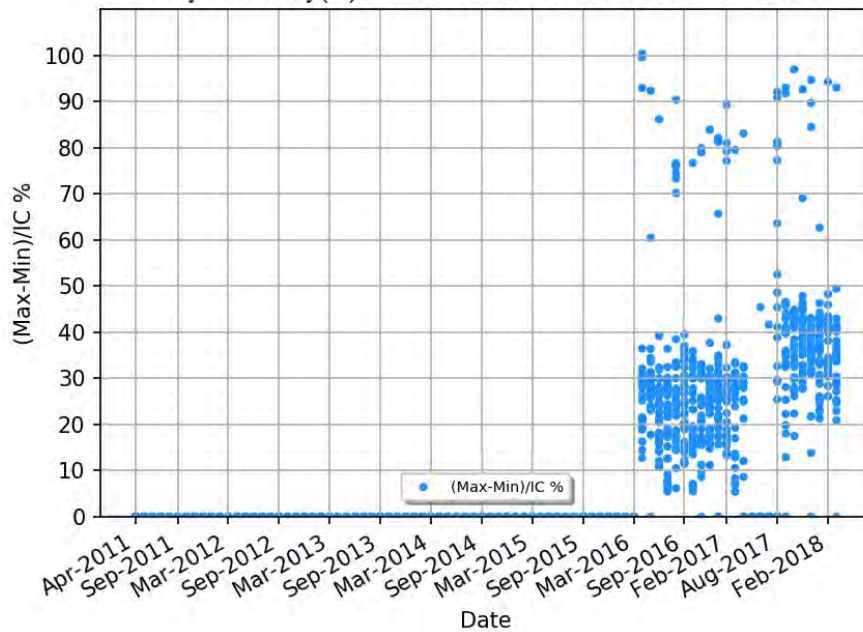
Daily Max Generation : BONGAIGAON TPP UNIT - 1 250 MW



Daily Min Generation : BONGAIGAON TPP UNIT - 1 250 MW



Daily Flexibility(%) : BONGAIGAON TPP UNIT - 1 250 MW

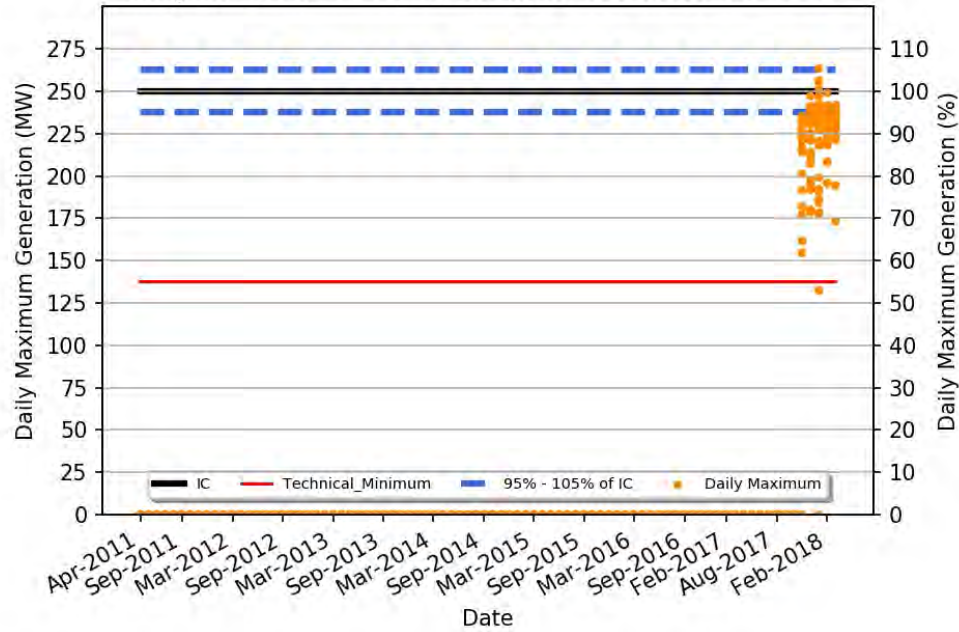


**BONGAIGAON TPP UNIT - 1 250 MW**

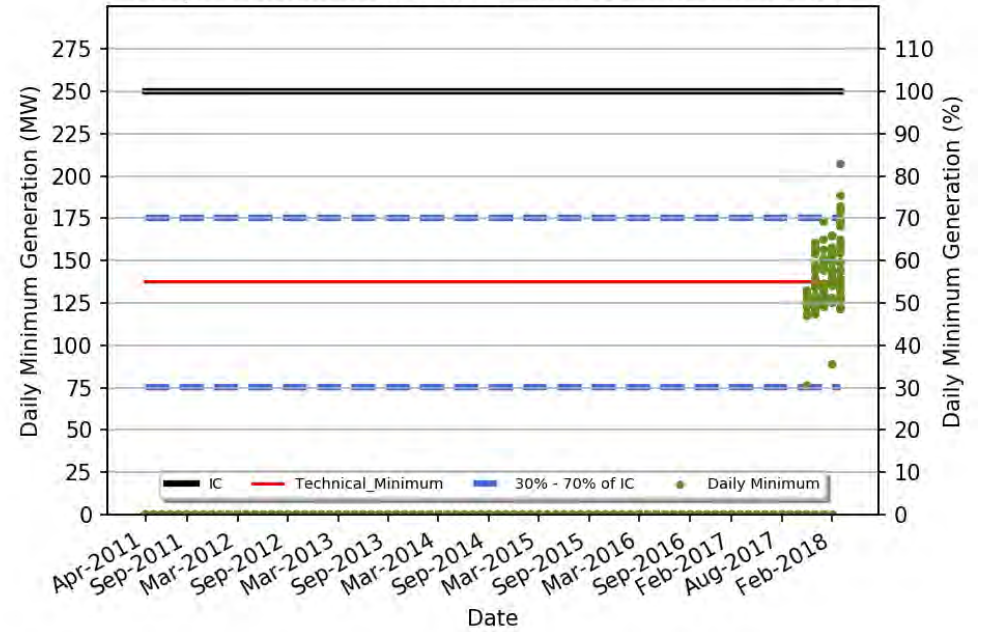
<b>Region</b>	<b>: North Eastern</b>
<b>Number of Days Considered</b>	<b>: 583</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 17 (%)</b>
<i>(% of total days in operation)</i>	
<b>No. Of Days Min Generation Achieved</b>	<b>: 84 (%)</b>
<i>(% of total days in operation)</i>	
<b>Average Flexibility</b>	<b>: 31 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 220</b>
<b>Daily Average (MW)</b>	<b>: 179</b>
<b>Average Daily Min (MW)</b>	<b>: 142</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 88</b>
<b>Daily Average/IC (%)</b>	<b>: 71</b>
<b>Average Daily Min/IC (%)</b>	<b>: 56</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 297</b>
<b>Number Of Beneficiaries</b>	<b>: 8</b>



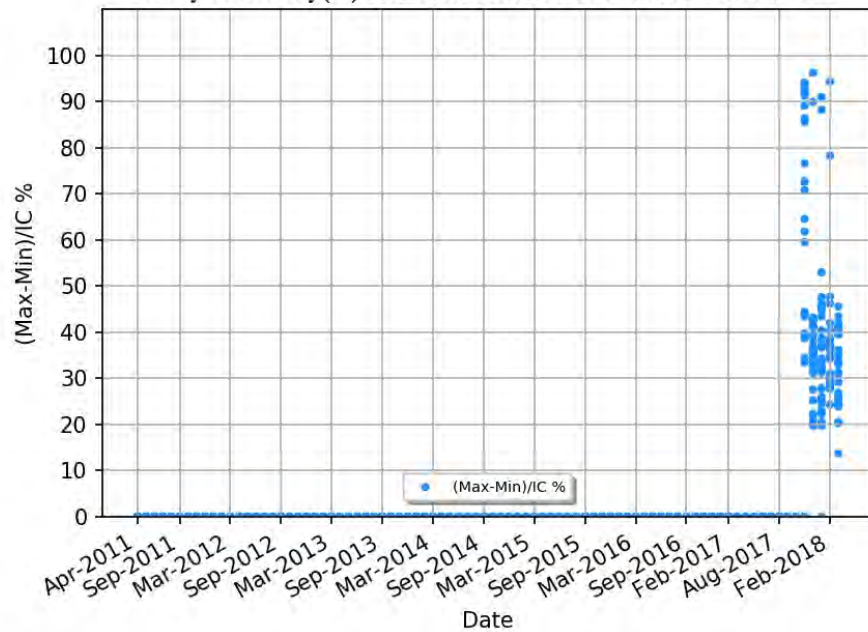
Daily Max Generation : BONGAIGAON TPP UNIT - 2 250 MW



Daily Min Generation : BONGAIGAON TPP UNIT - 2 250 MW



Daily Flexibility(%) : BONGAIGAON TPP UNIT - 2 250 MW



### BONGAIGAON TPP UNIT - 2 250 MW

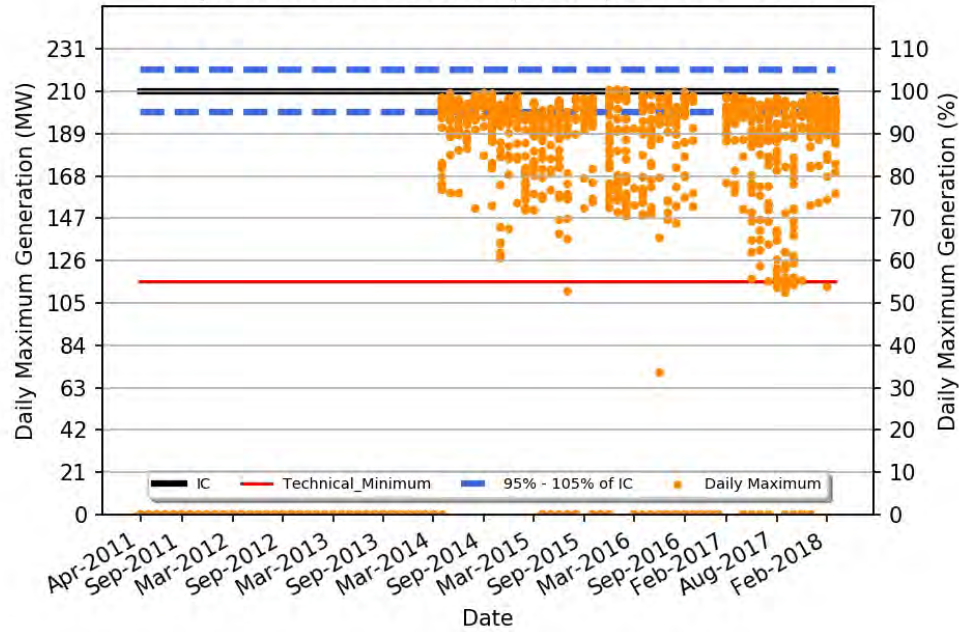
Region	: North Eastern
Number of Days Considered	: 139
No. Of Days Max Generation Achieved	: 20 (%)
(% of total days in operation)	
No. Of Days Min Generation Achieved	: 84 (%)
(% of total days in operation)	
Average Flexibility	: 40 (%)
Average Daily Max (MW)	: 225
Daily Average (MW)	: 175
Average Daily Min (MW)	: 123
Average Daily Max/ IC (%)	: 90
Daily Average/IC (%)	: 70
Average Daily Min/IC (%)	: 49
Variable Charge (Paisa/kWh)	: 297
Number Of Beneficiaries	: 8

# NORTHERN REGION

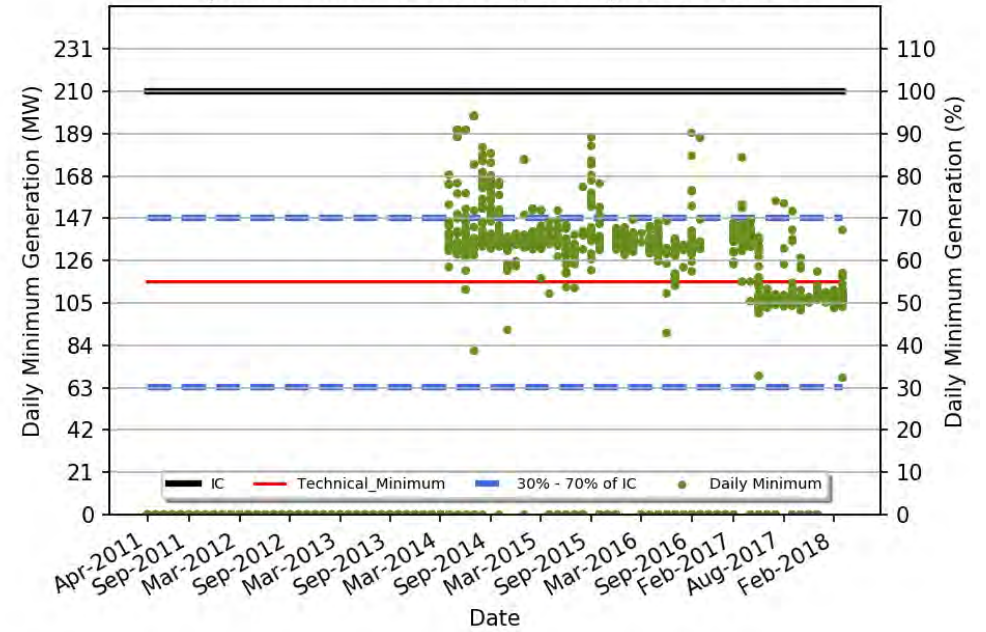
# CENTRAL GENERATION STATIONS



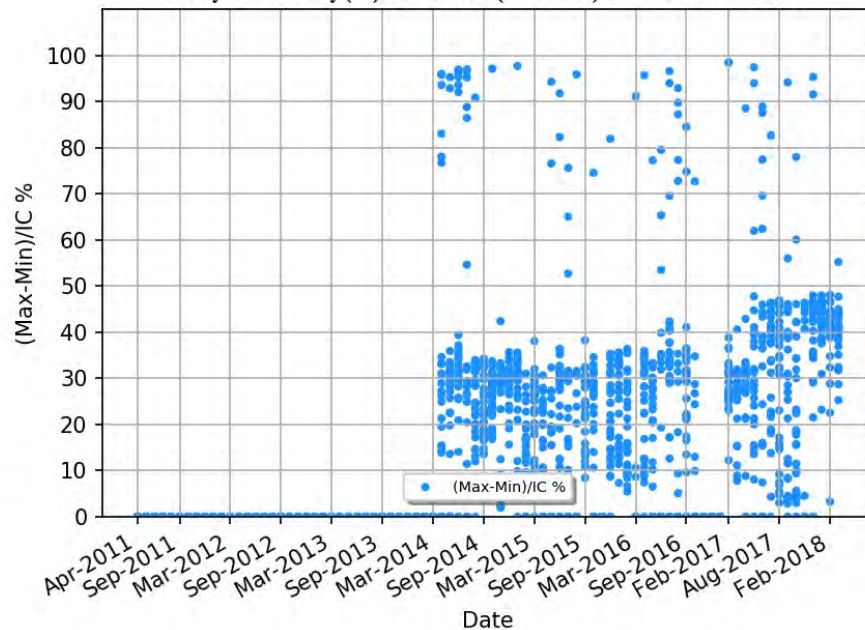
Daily Max Generation : DADRI (NCTPP) UNIT - 1 210 MW



Daily Min Generation : DADRI (NCTPP) UNIT - 1 210 MW



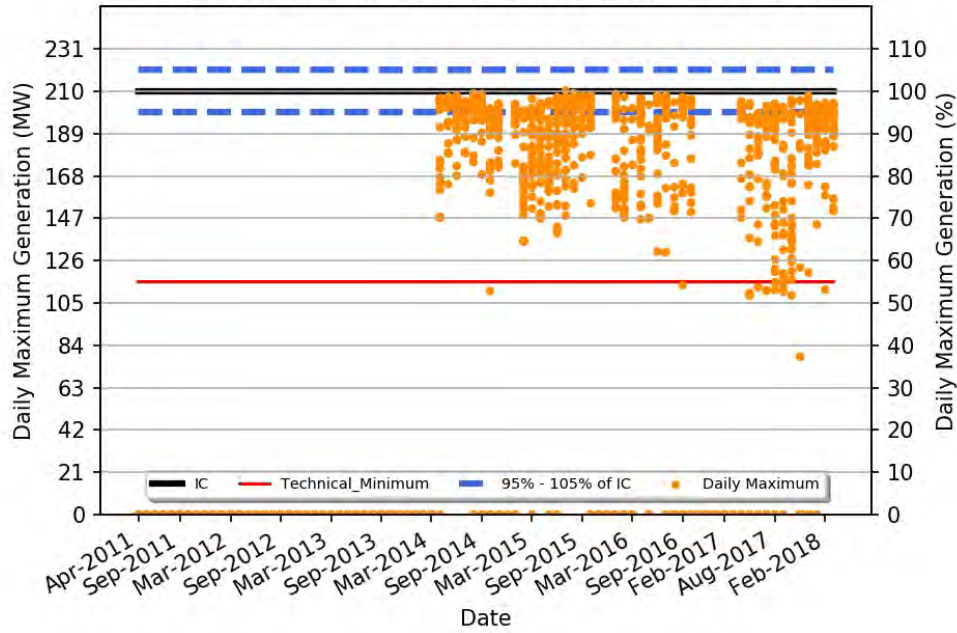
Daily Flexibility(%) : DADRI (NCTPP) UNIT - 1 210 MW



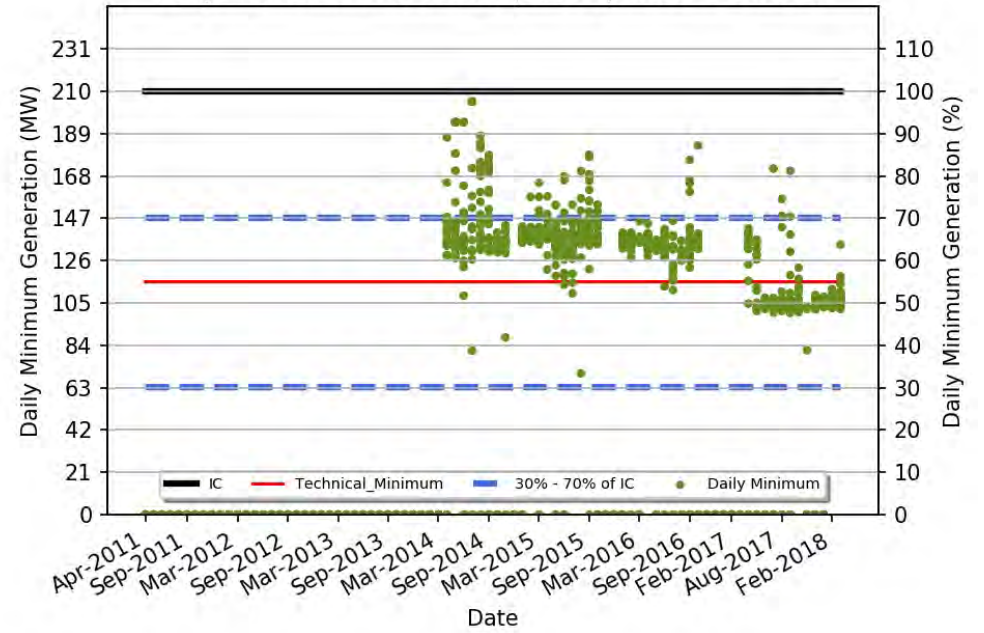
### DADRI (NCTPP) UNIT - 1 210 MW

Region	: Northern Region
Number of Days Considered	: 1059
No. Of Days Max Generation Achieved	: 38 (%)
(% of total days in operation)	
No. Of Days Min Generation Achieved	: 83 (%)
(% of total days in operation)	
Average Flexibility	: 29 (%)
Average Daily Max (MW)	: 187
Daily Average (MW)	: 152
Average Daily Min (MW)	: 125
Average Daily Max/ IC (%)	: 89
Daily Average/IC (%)	: 72
Average Daily Min/IC (%)	: 59
Variable Charge (Paisa/kWh)	: 414
Number Of Beneficiaries	: 14

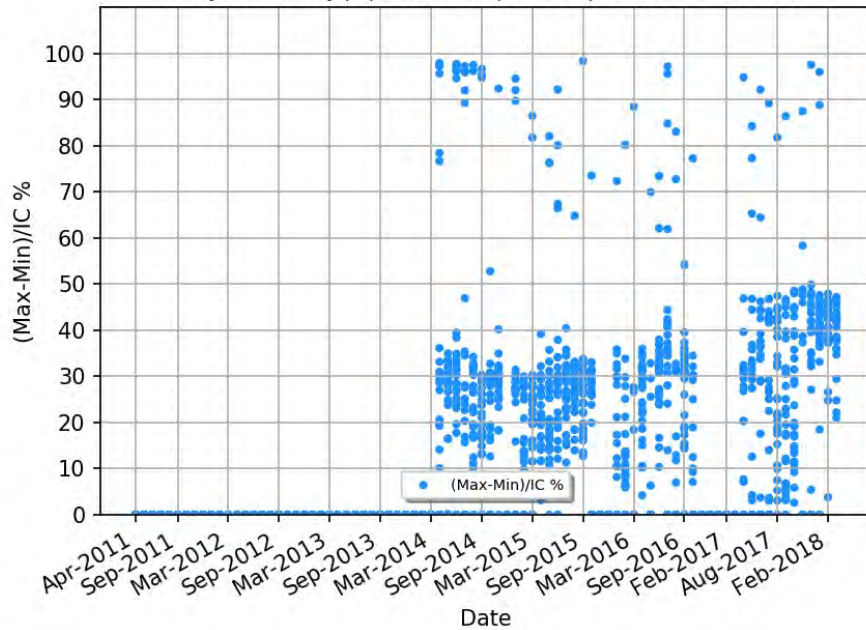
Daily Max Generation : DADRI (NCTPP) UNIT - 2 210 MW



Daily Min Generation : DADRI (NCTPP) UNIT - 2 210 MW



Daily Flexibility(%) : DADRI (NCTPP) UNIT - 2 210 MW

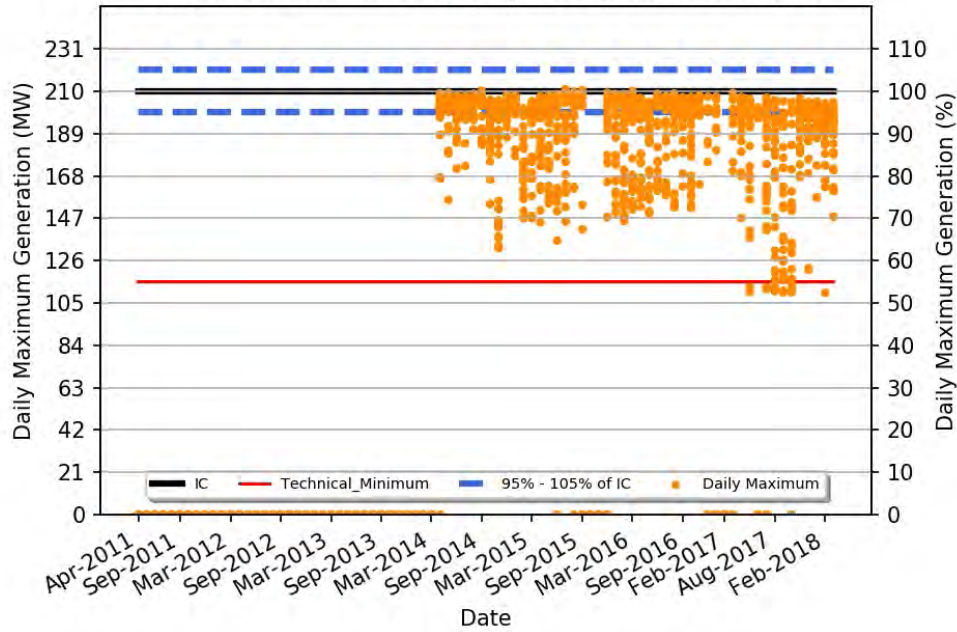


**DADRI (NCTPP) UNIT - 2 210 MW**

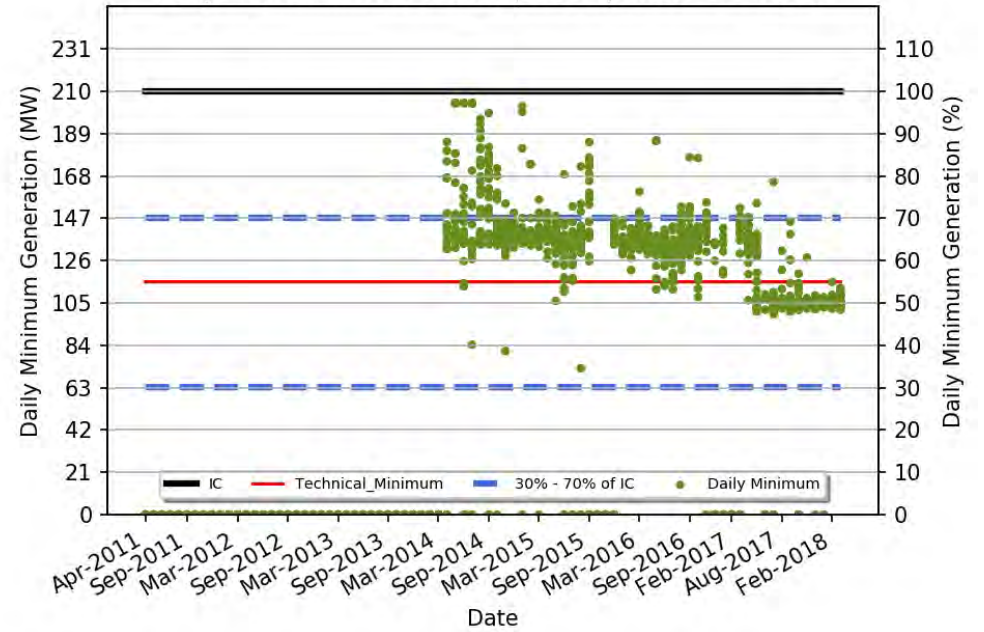
Region	: Northern Region
Number of Days Considered	: 912
No. Of Days Max Generation Achieved	: 37 (%)
(% of total days in operation)	
No. Of Days Min Generation Achieved	: 82 (%)
(% of total days in operation)	
Average Flexibility	: 29 (%)
Average Daily Max (MW)	: 187
Daily Average (MW)	: 152
Average Daily Min (MW)	: 126
Average Daily Max/ IC (%)	: 89
Daily Average/IC (%)	: 72
Average Daily Min/IC (%)	: 60
Variable Charge (Paisa/kWh)	: 414
Number Of Beneficiaries	: 14



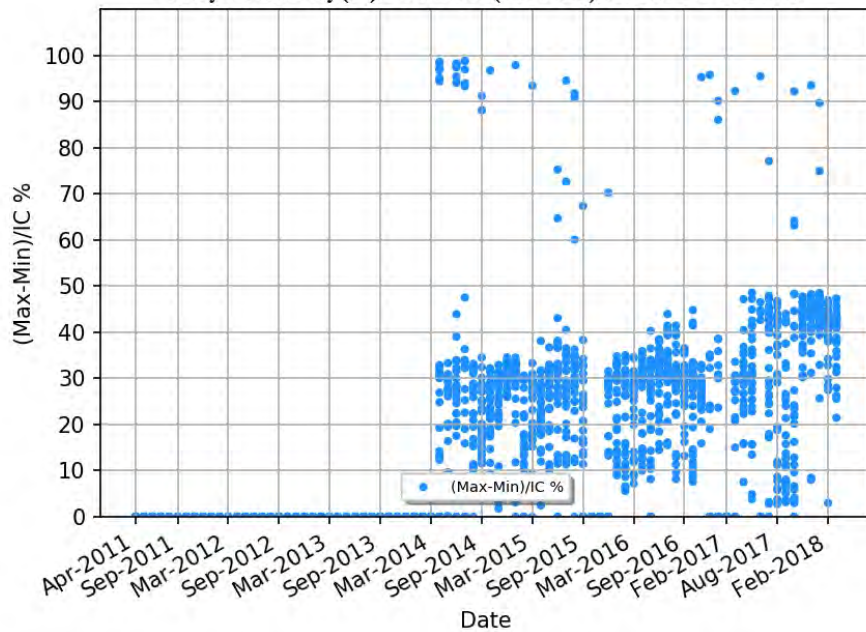
Daily Max Generation : DADRI (NCTPP) UNIT - 3 210 MW



Daily Min Generation : DADRI (NCTPP) UNIT - 3 210 MW



Daily Flexibility(%) : DADRI (NCTPP) UNIT - 3 210 MW

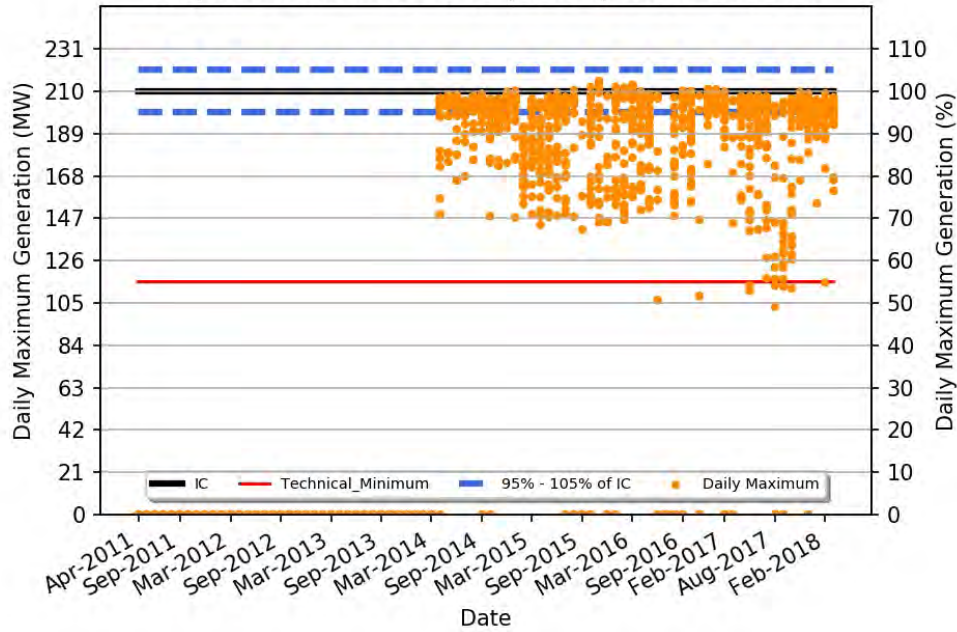


**DADRI (NCTPP) UNIT - 3 210 MW**

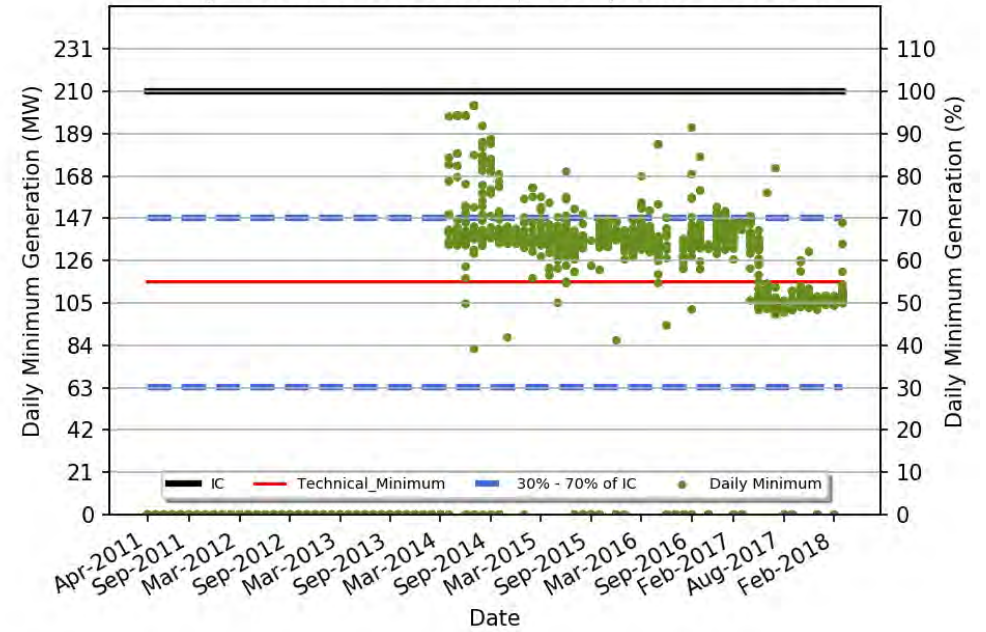
<b>Region</b>	<b>: Northern Region</b>
<b>Number of Days Considered</b>	<b>: 1231</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 46 (%)</b>
(% of total days in operation)	
<b>No. Of Days Min Generation Achieved</b>	<b>: 83 (%)</b>
(% of total days in operation)	
<b>Average Flexibility</b>	<b>: 28 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 190</b>
<b>Daily Average (MW)</b>	<b>: 155</b>
<b>Average Daily Min (MW)</b>	<b>: 129</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 90</b>
<b>Daily Average/IC (%)</b>	<b>: 74</b>
<b>Average Daily Min/IC (%)</b>	<b>: 61</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 414</b>
<b>Number Of Beneficiaries</b>	<b>: 14</b>



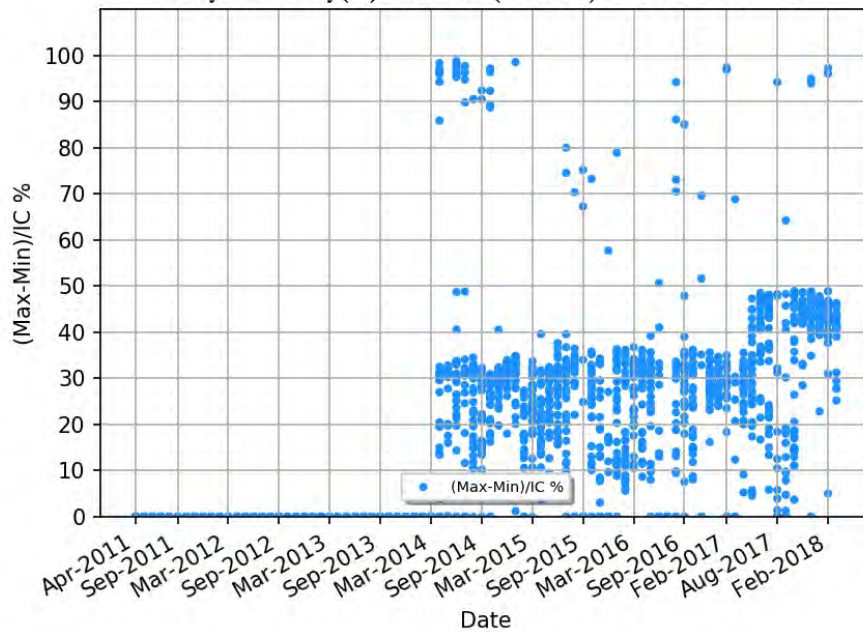
Daily Max Generation : DADRI (NCTPP) UNIT - 4 210 MW



Daily Min Generation : DADRI (NCTPP) UNIT - 4 210 MW



Daily Flexibility(%) : DADRI (NCTPP) UNIT - 4 210 MW

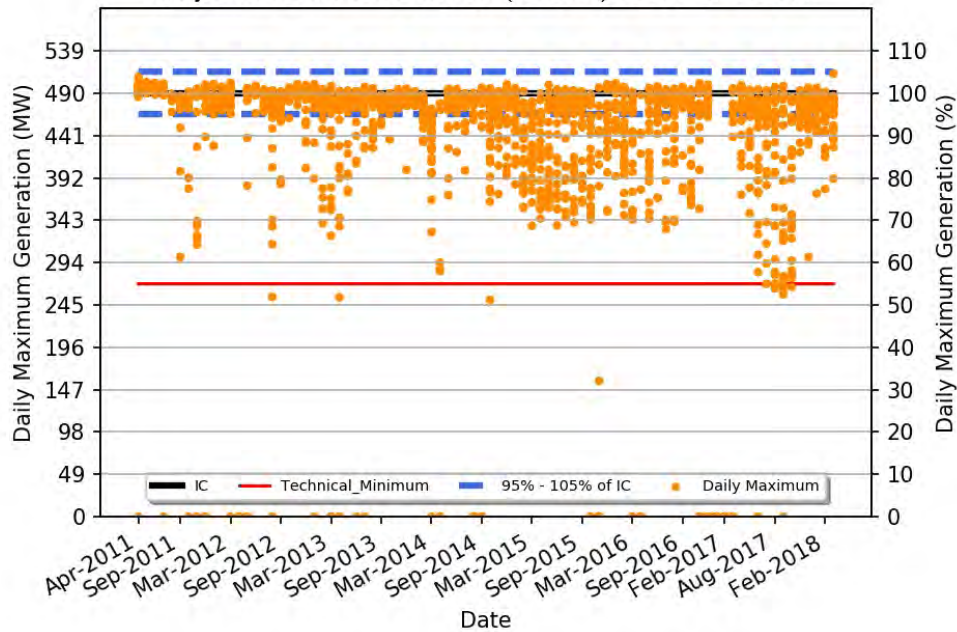


### DADRI (NCTPP) UNIT - 4 210 MW

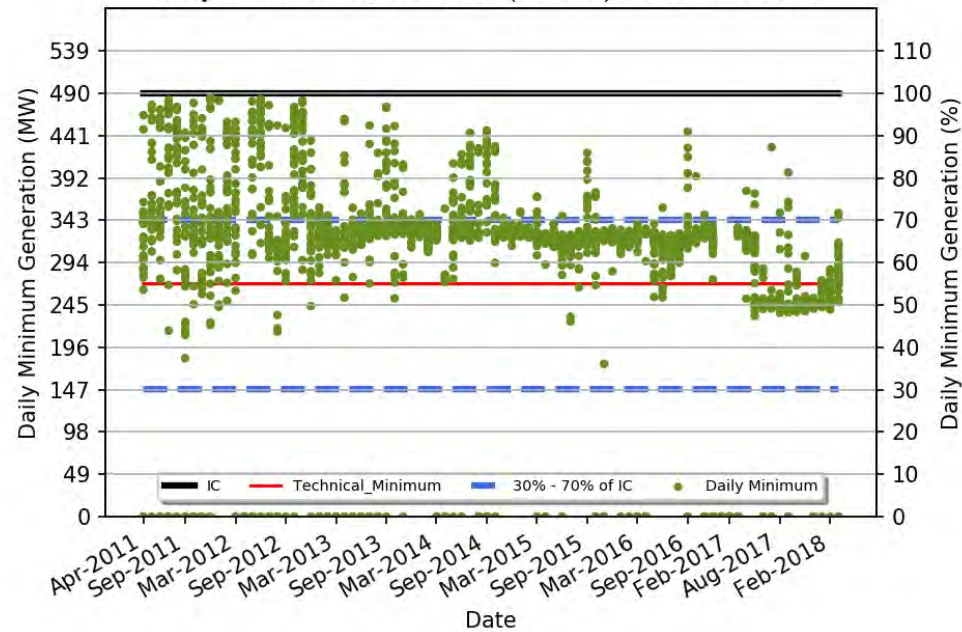
Region	: Northern Region
Number of Days Considered	: 1203
No. Of Days Max Generation Achieved	: 48 (%)
(% of total days in operation)	
No. Of Days Min Generation Achieved	: 85 (%)
(% of total days in operation)	
Average Flexibility	: 29 (%)
Average Daily Max (MW)	: 190
Daily Average (MW)	: 155
Average Daily Min (MW)	: 129
Average Daily Max/ IC (%)	: 90
Daily Average/IC (%)	: 74
Average Daily Min/IC (%)	: 61
Variable Charge (Paisa/kWh)	: 414
Number Of Beneficiaries	: 14



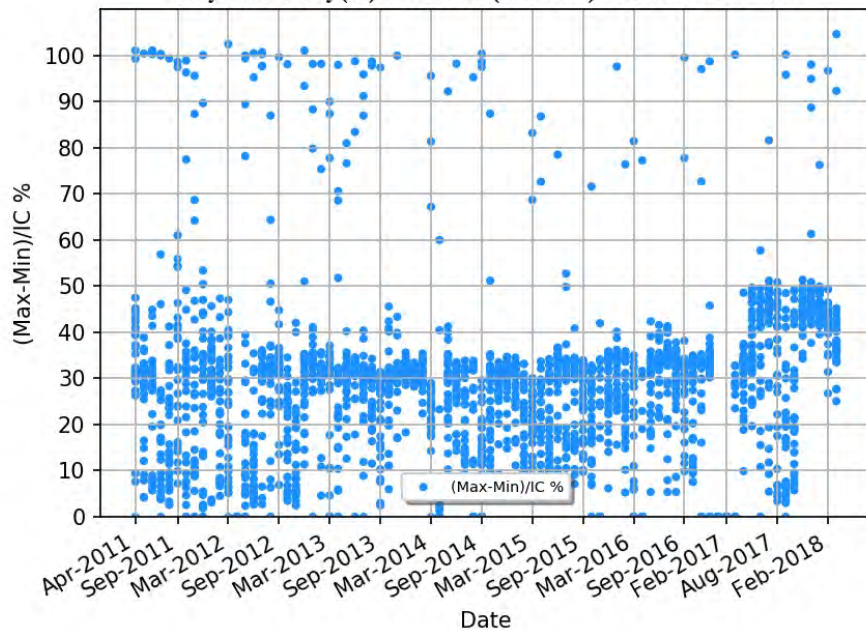
Daily Max Generation : DADRI (NCTPP) UNIT - 5 490 MW



Daily Min Generation : DADRI (NCTPP) UNIT - 5 490 MW



Daily Flexibility(%) : DADRI (NCTPP) UNIT - 5 490 MW

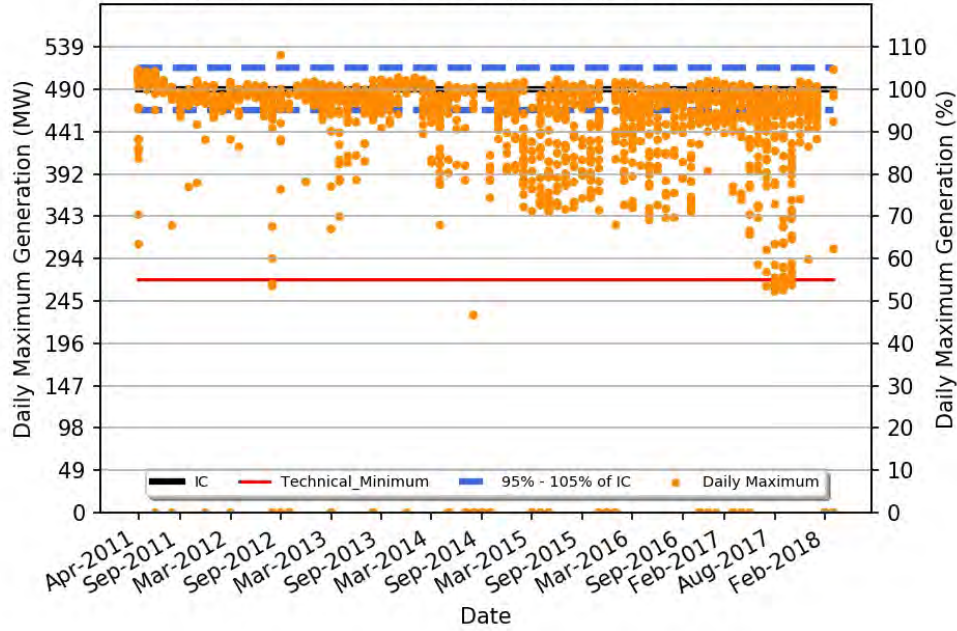


### DADRI (NCTPP) UNIT - 5 490 MW

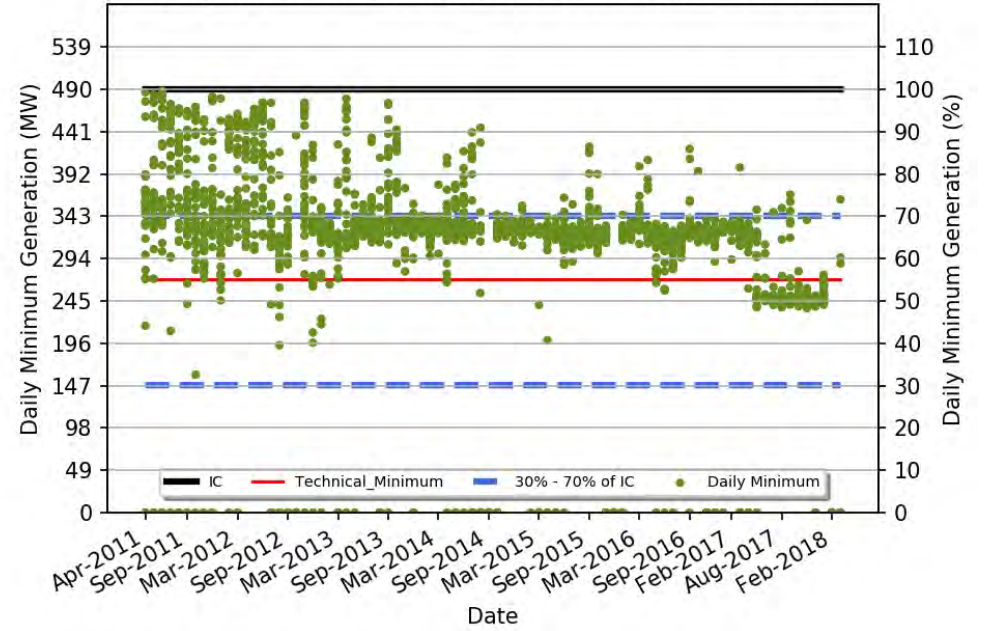
Region	: Northern Region
Number of Days Considered	: 2255
No. Of Days Max Generation Achieved	: 72 (%)
(% of total days in operation)	
No. Of Days Min Generation Achieved	: 75 (%)
(% of total days in operation)	
Average Flexibility	: 29 (%)
Average Daily Max (MW)	: 463
Daily Average (MW)	: 393
Average Daily Min (MW)	: 318
Average Daily Max/ IC (%)	: 94
Daily Average/IC (%)	: 80
Average Daily Min/IC (%)	: 65
Variable Charge (Paisa/kWh)	: 384
Number Of Beneficiaries	: 14



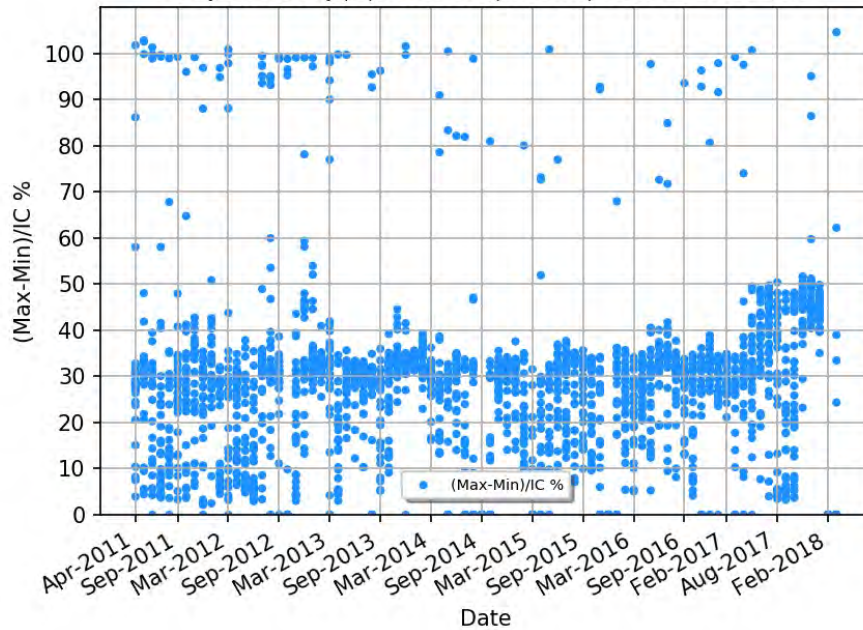
Daily Max Generation : DADRI (NCTPP) UNIT - 6 490 MW



Daily Min Generation : DADRI (NCTPP) UNIT - 6 490 MW



Daily Flexibility(%) : DADRI (NCTPP) UNIT - 6 490 MW

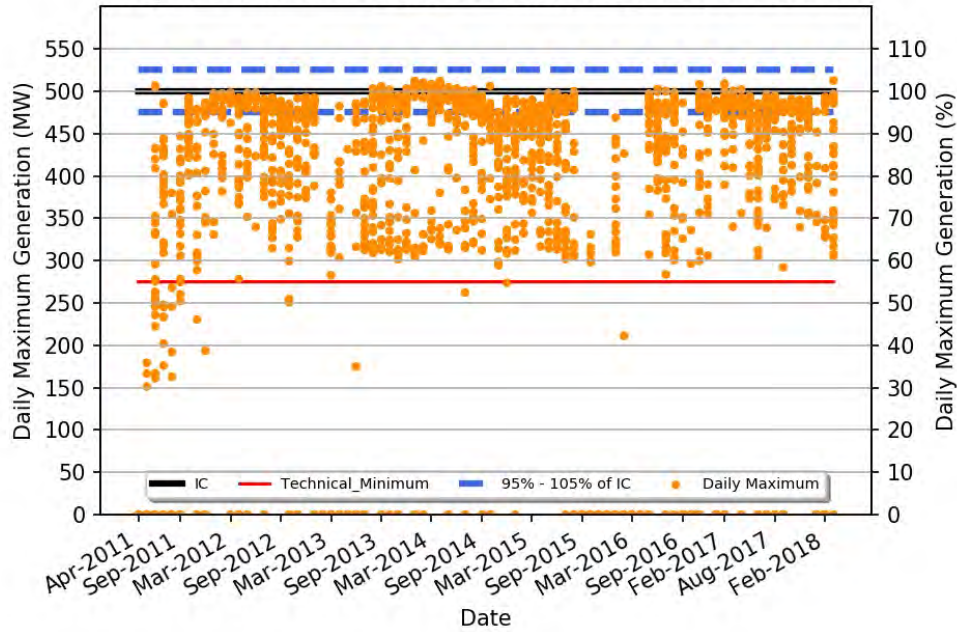


### DADRI (NCTPP) UNIT - 6 490 MW

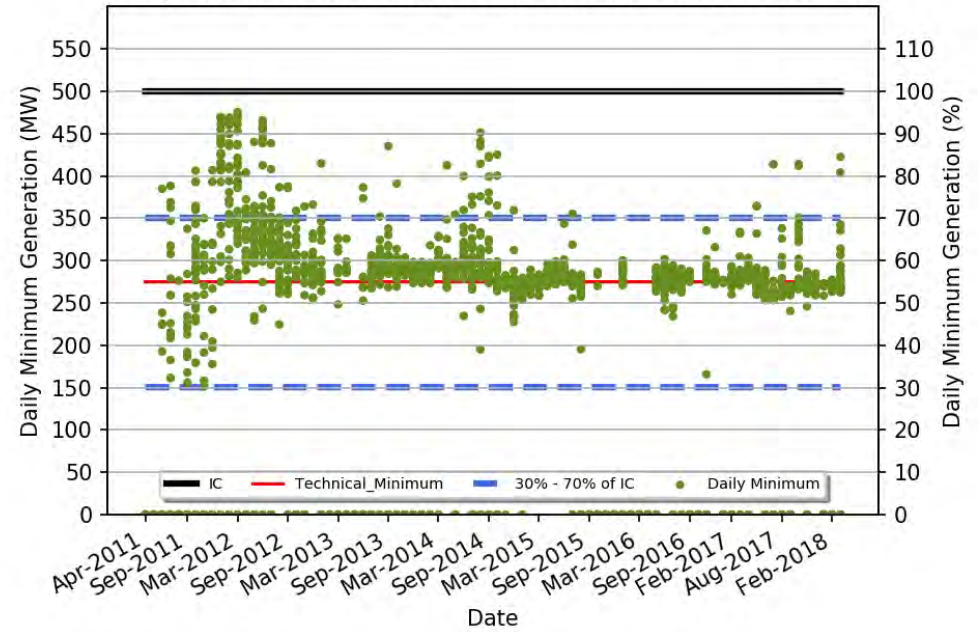
Region	: Northern Region
Number of Days Considered	: 2237
No. Of Days Max Generation Achieved	: 71 (%)
(% of total days in operation)	
No. Of Days Min Generation Achieved	: 74 (%)
(% of total days in operation)	
Average Flexibility	: 29 (%)
Average Daily Max (MW)	: 464
Daily Average (MW)	: 393
Average Daily Min (MW)	: 318
Average Daily Max/ IC (%)	: 94
Daily Average/IC (%)	: 80
Average Daily Min/IC (%)	: 65
Variable Charge (Paisa/kWh)	: 384
Number Of Beneficiaries	: 14



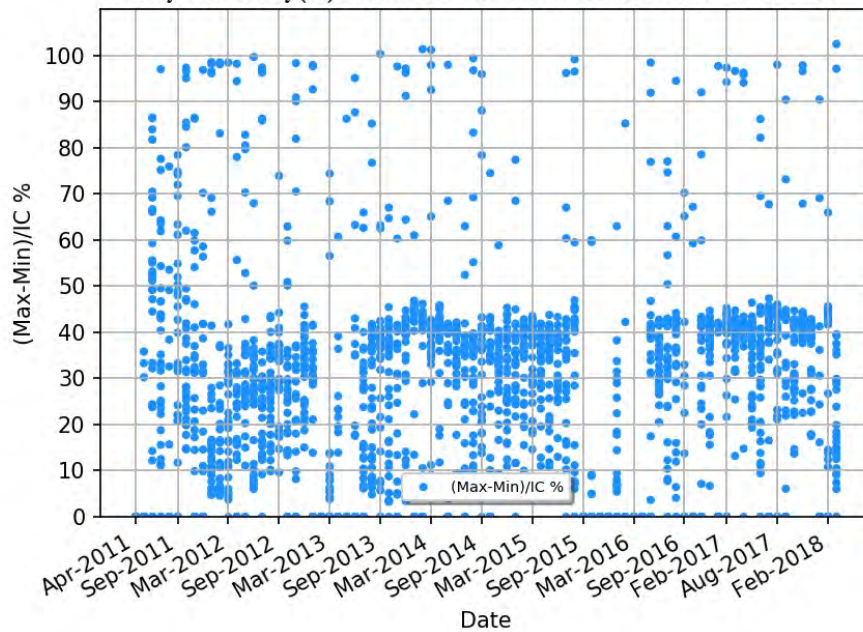
Daily Max Generation : INDIRA GANDHI STPP UNIT - 1 500 MW



Daily Min Generation : INDIRA GANDHI STPP UNIT - 1 500 MW



Daily Flexibility(%) : INDIRA GANDHI STPP UNIT - 1 500 MW

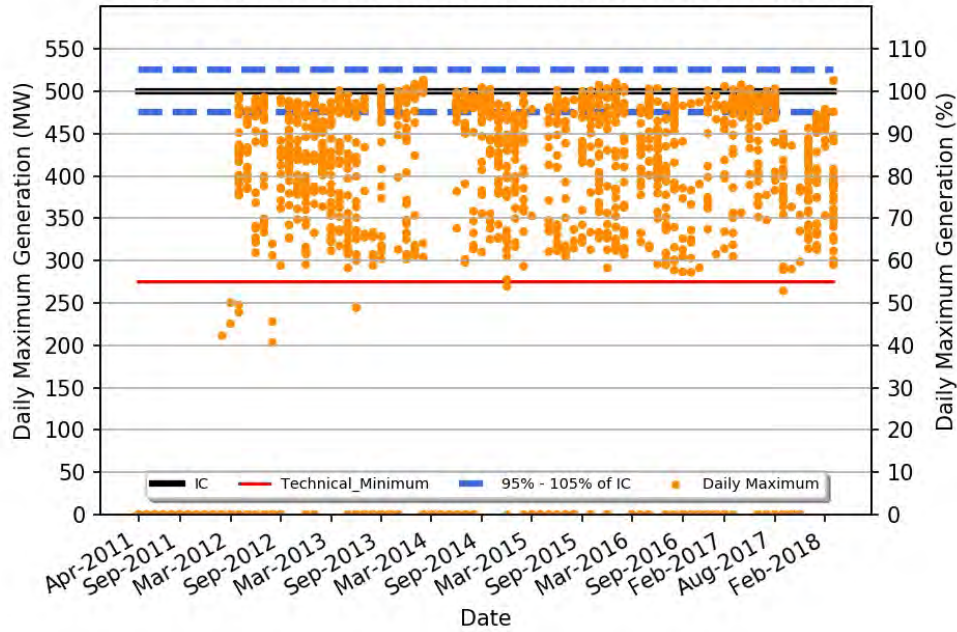


### INDIRA GANDHI STPP UNIT - 1 500 MW

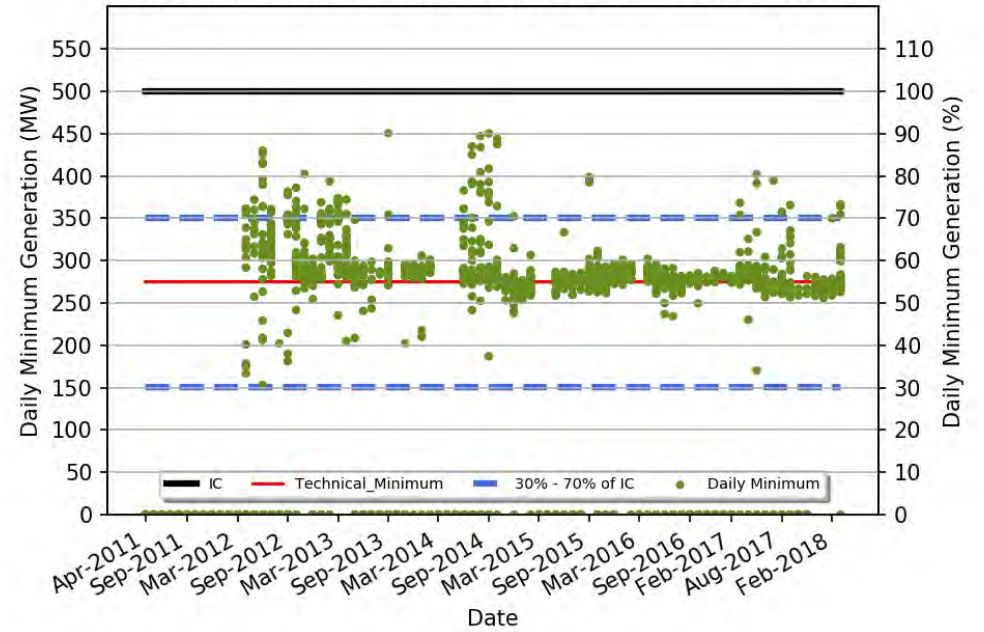
Region	: Northern Region
Number of Days Considered	: 1751
No. Of Days Max Generation Achieved	: 45 (%)
(% of total days in operation)	
No. Of Days Min Generation Achieved	: 84 (%)
(% of total days in operation)	
Average Flexibility	: 33 (%)
Average Daily Max (MW)	: 442
Daily Average (MW)	: 349
Average Daily Min (MW)	: 272
Average Daily Max/ IC (%)	: 88
Daily Average/IC (%)	: 69
Average Daily Min/IC (%)	: 54
Variable Charge (Paisa/kWh)	: 379
Number Of Beneficiaries	: 7



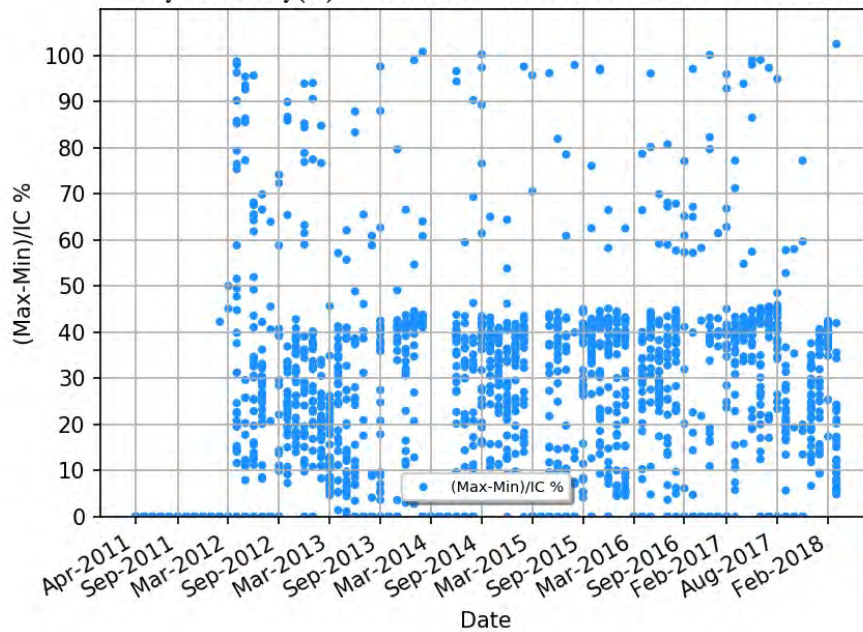
Daily Max Generation : INDIRA GANDHI STPP UNIT - 2 500 MW



Daily Min Generation : INDIRA GANDHI STPP UNIT - 2 500 MW



Daily Flexibility(%): INDIRA GANDHI STPP UNIT - 2 500 MW

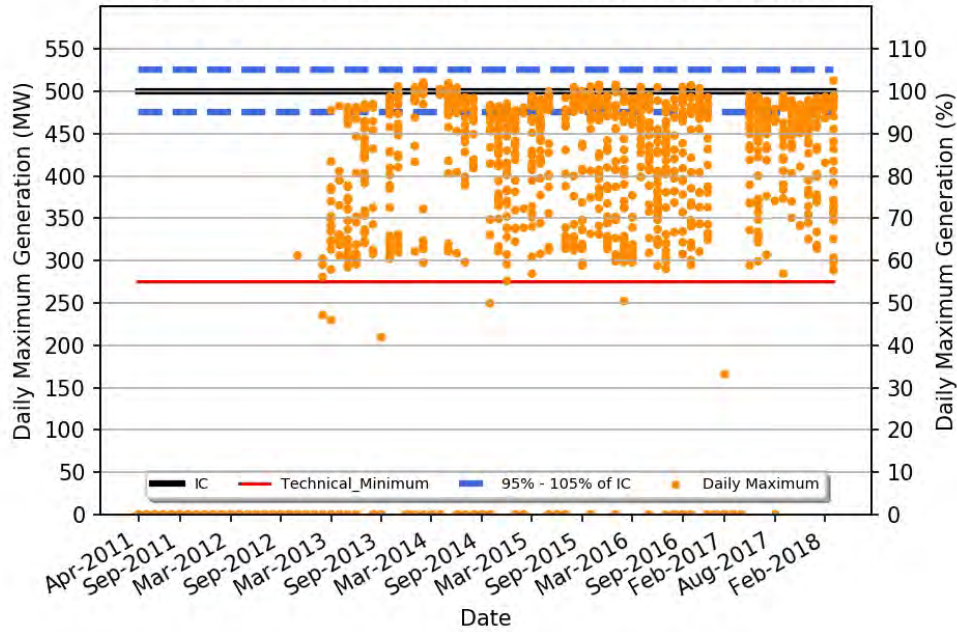


### INDIRA GANDHI STPP UNIT - 2 500 MW

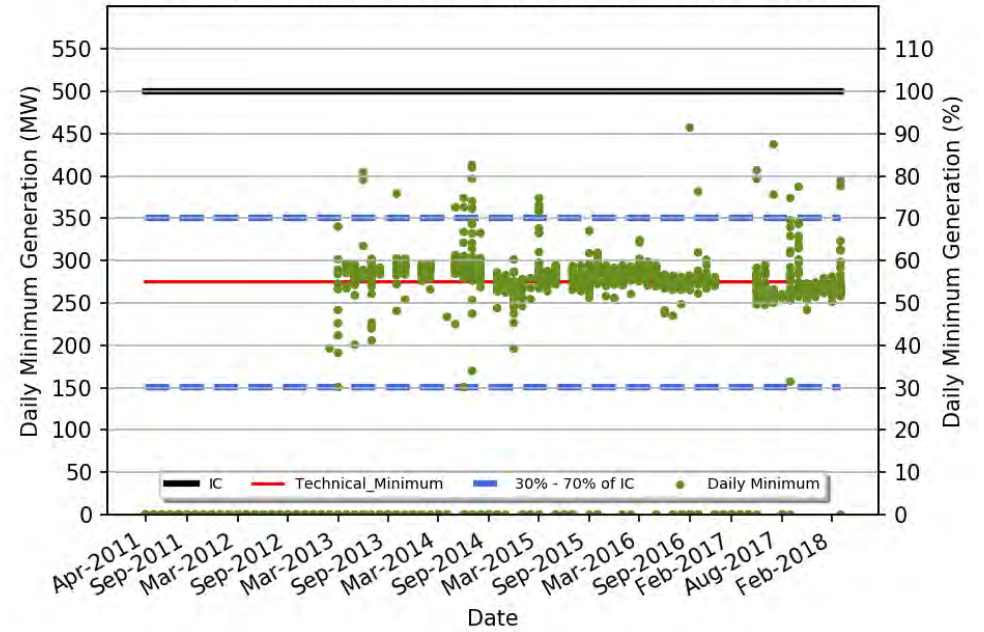
Region	: Northern Region
Number of Days Considered	: 1427
No. Of Days Max Generation Achieved	: 36 (%)
(% of total days in operation)	
No. Of Days Min Generation Achieved	: 87 (%)
(% of total days in operation)	
Average Flexibility	: 32 (%)
Average Daily Max (MW)	: 432
Daily Average (MW)	: 341
Average Daily Min (MW)	: 269
Average Daily Max/ IC (%)	: 86
Daily Average/IC (%)	: 68
Average Daily Min/IC (%)	: 53
Variable Charge (Paisa/kWh)	: 379
Number Of Beneficiaries	: 7



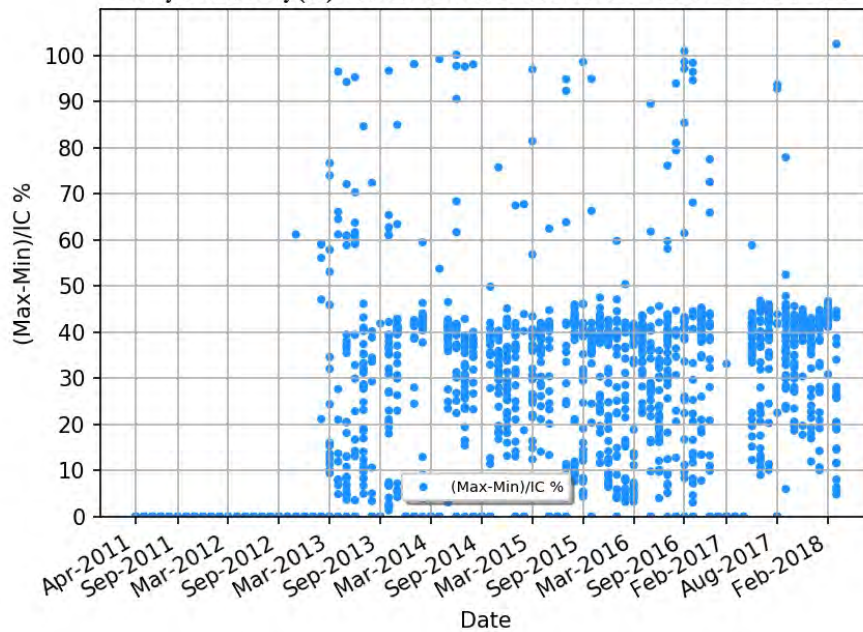
Daily Max Generation : INDIRA GANDHI STPP UNIT - 3 500 MW



Daily Min Generation : INDIRA GANDHI STPP UNIT - 3 500 MW



Daily Flexibility(%): INDIRA GANDHI STPP UNIT - 3 500 MW

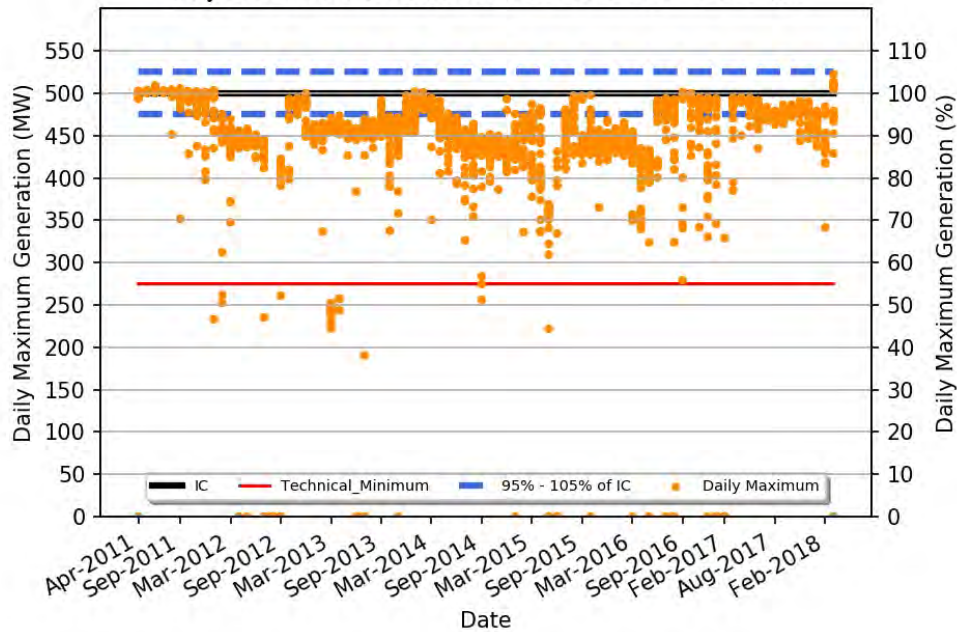


**INDIRA GANDHI STPP UNIT - 3 500 MW**

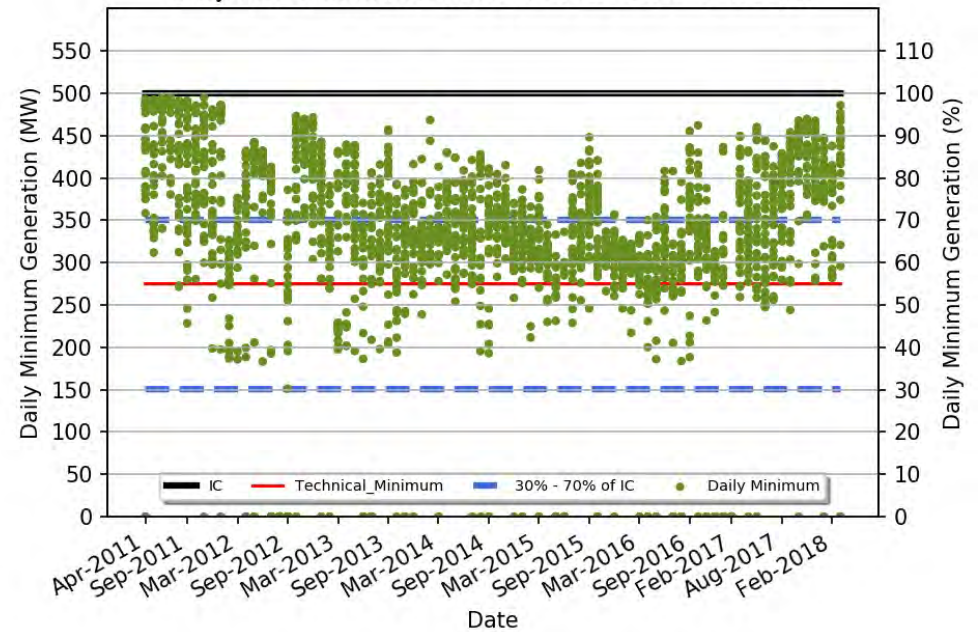
<b>Region</b>	<b>: Northern Region</b>
<b>Number of Days Considered</b>	<b>: 1238</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 40 (%)</b>
<b>(% of total days in operation)</b>	
<b>No. Of Days Min Generation Achieved</b>	<b>: 93 (%)</b>
<b>(% of total days in operation)</b>	
<b>Average Flexibility</b>	<b>: 33 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 432</b>
<b>Daily Average (MW)</b>	<b>: 332</b>
<b>Average Daily Min (MW)</b>	<b>: 266</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 86</b>
<b>Daily Average/IC (%)</b>	<b>: 66</b>
<b>Average Daily Min/IC (%)</b>	<b>: 53</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 379</b>
<b>Number Of Beneficiaries</b>	<b>: 7</b>



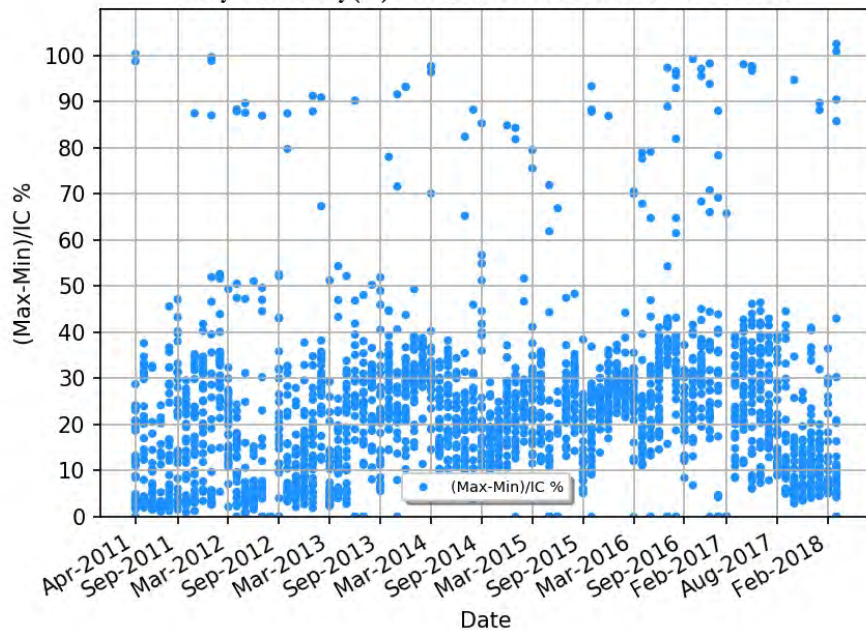
Daily Max Generation : RIHAND STPS UNIT - 1 500 MW



Daily Min Generation : RIHAND STPS UNIT - 1 500 MW



Daily Flexibility(%) : RIHAND STPS UNIT - 1 500 MW

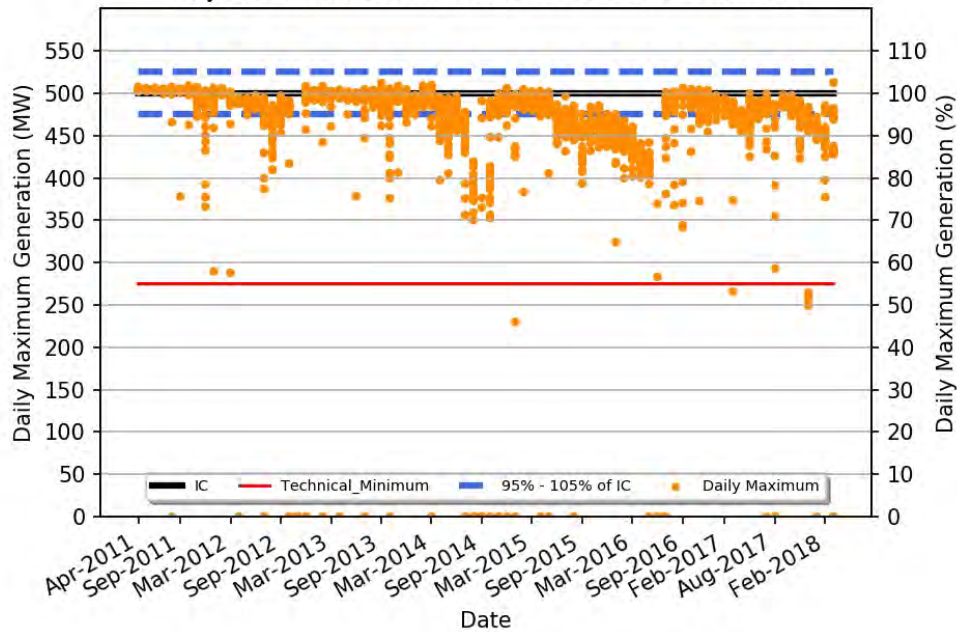


### RIHAND STPS UNIT - 1 500 MW

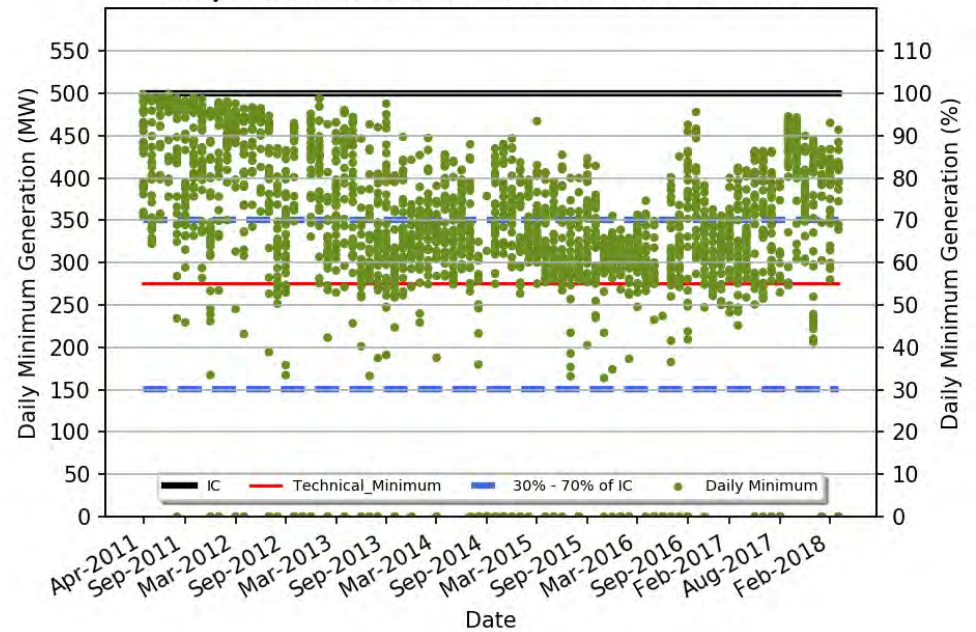
Region	: Northern Region
Number of Days Considered	: 2344
No. Of Days Max Generation Achieved	: 37 (%)
(% of total days in operation)	
No. Of Days Min Generation Achieved	: 51 (%)
(% of total days in operation)	
Average Flexibility	: 22 (%)
Average Daily Max (MW)	: 458
Daily Average (MW)	: 416
Average Daily Min (MW)	: 345
Average Daily Max/ IC (%)	: 91
Daily Average/IC (%)	: 83
Average Daily Min/IC (%)	: 69
Variable Charge (Paisa/kWh)	: 141
Number Of Beneficiaries	: 12



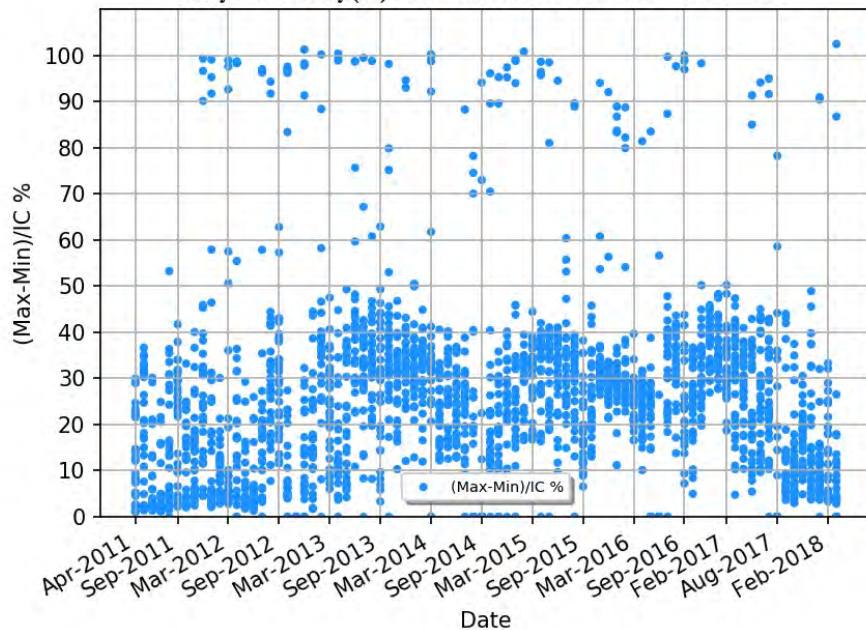
Daily Max Generation : RIHAND STPS UNIT - 2 500 MW



Daily Min Generation : RIHAND STPS UNIT - 2 500 MW



Daily Flexibility(%) : RIHAND STPS UNIT - 2 500 MW

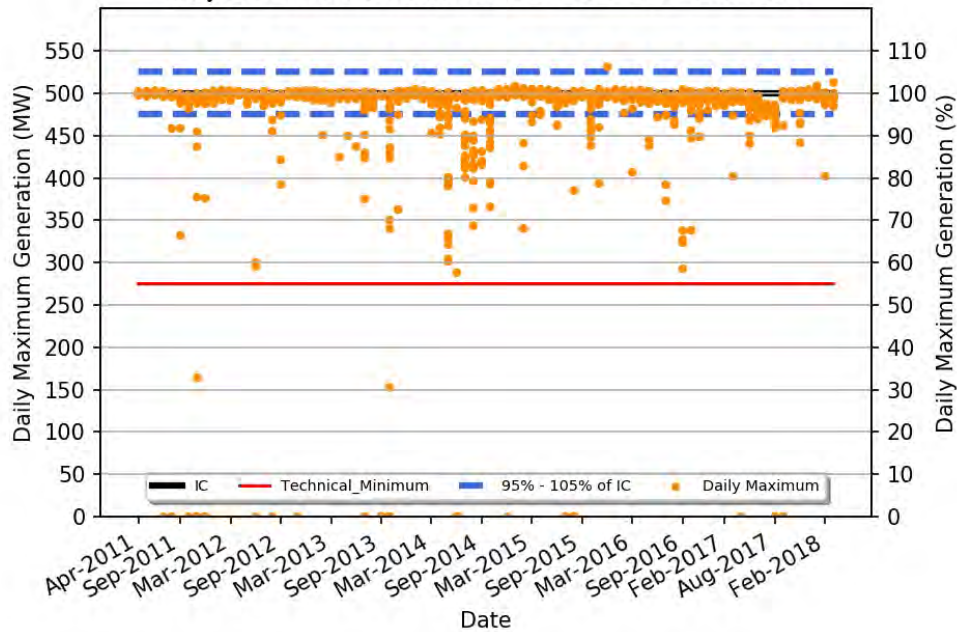


### RIHAND STPS UNIT - 2 500 MW

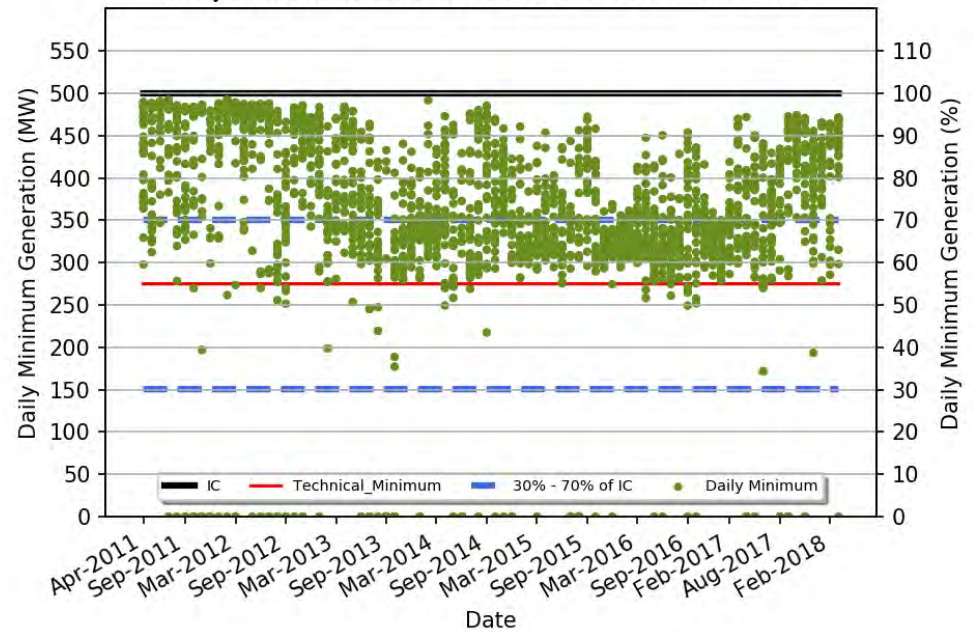
Region	: Northern Region
Number of Days Considered	: 2348
No. Of Days Max Generation Achieved	: 68 (%)
(% of total days in operation)	
No. Of Days Min Generation Achieved	: 48 (%)
(% of total days in operation)	
Average Flexibility	: 25 (%)
Average Daily Max (MW)	: 478
Daily Average (MW)	: 431
Average Daily Min (MW)	: 348
Average Daily Max/ IC (%)	: 95
Daily Average/IC (%)	: 86
Average Daily Min/IC (%)	: 69
Variable Charge (Paisa/kWh)	: 141
Number Of Beneficiaries	: 12



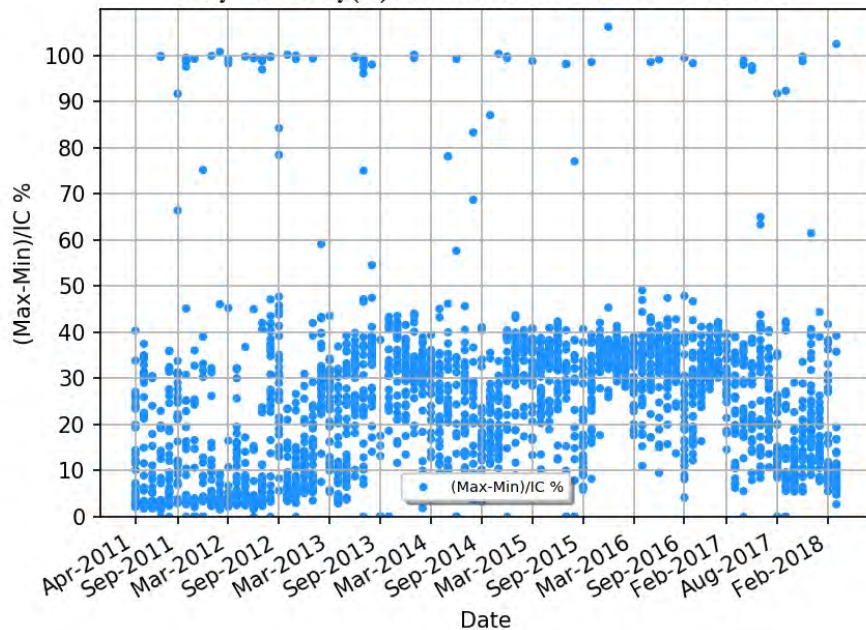
Daily Max Generation : RIHAND STPS UNIT - 3 500 MW



Daily Min Generation : RIHAND STPS UNIT - 3 500 MW



Daily Flexibility(%) : RIHAND STPS UNIT - 3 500 MW

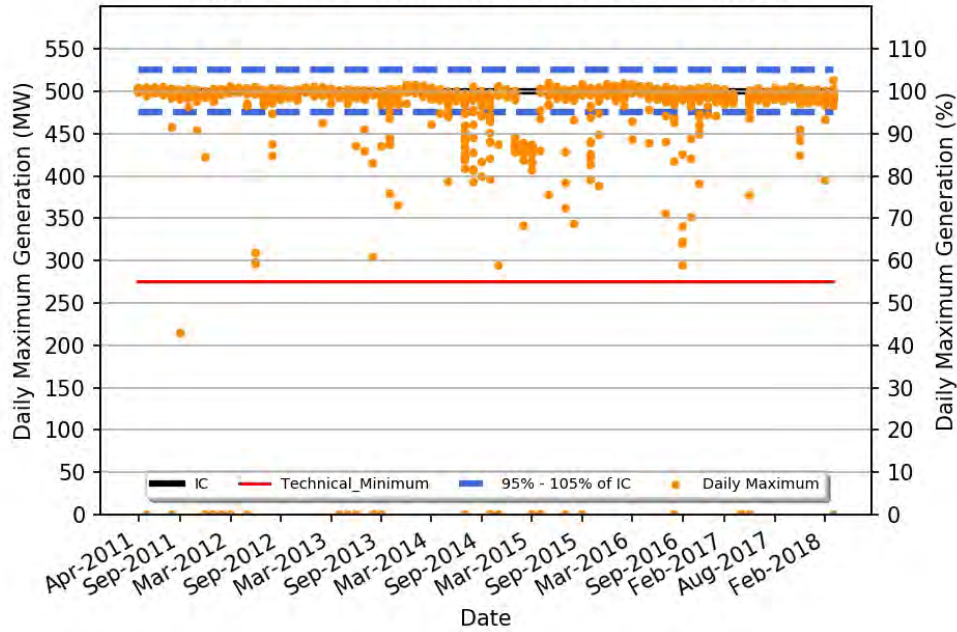


### RIHAND STPS UNIT - 3 500 MW

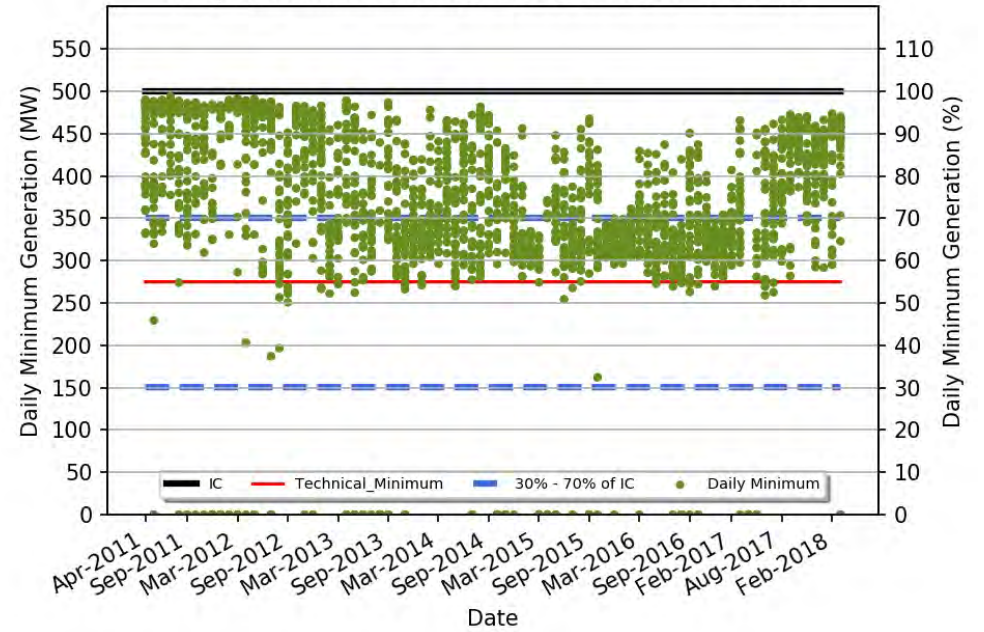
Region	: Northern Region
Number of Days Considered	: 2409
No. Of Days Max Generation Achieved	: 93 (%)
(% of total days in operation)	
No. Of Days Min Generation Achieved	: 42 (%)
(% of total days in operation)	
Average Flexibility	: 24 (%)
Average Daily Max (MW)	: 492
Daily Average (MW)	: 449
Average Daily Min (MW)	: 368
Average Daily Max/ IC (%)	: 98
Daily Average/IC (%)	: 89
Average Daily Min/IC (%)	: 73
Variable Charge (Paisa/kWh)	: 141
Number Of Beneficiaries	: 11



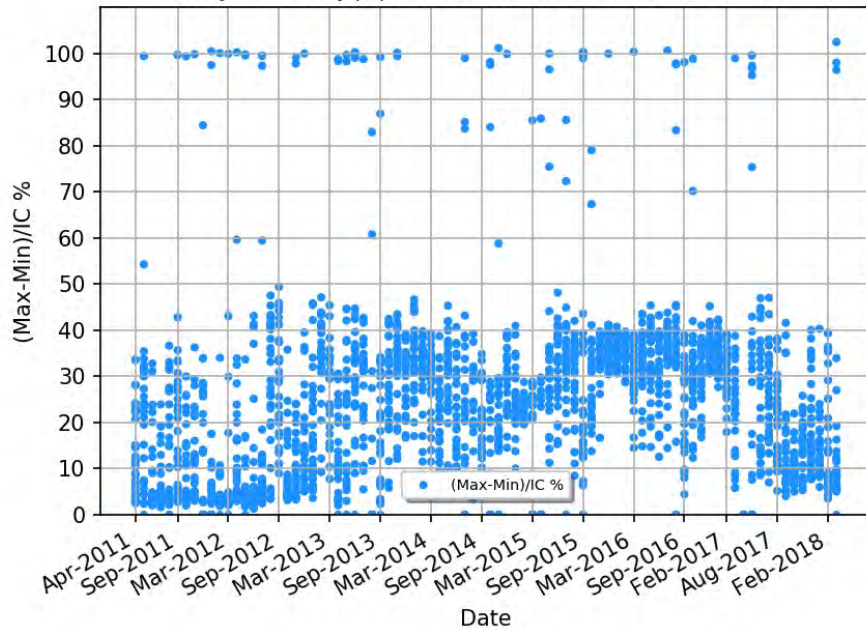
Daily Max Generation : RIHAND STPS UNIT - 4 500 MW



Daily Min Generation : RIHAND STPS UNIT - 4 500 MW



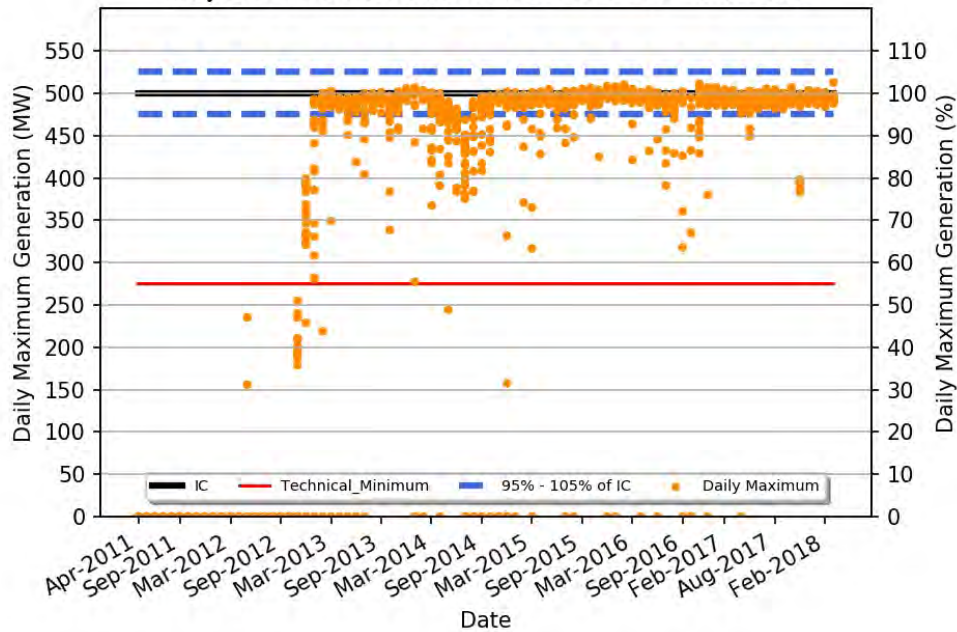
Daily Flexibility(%) : RIHAND STPS UNIT - 4 500 MW



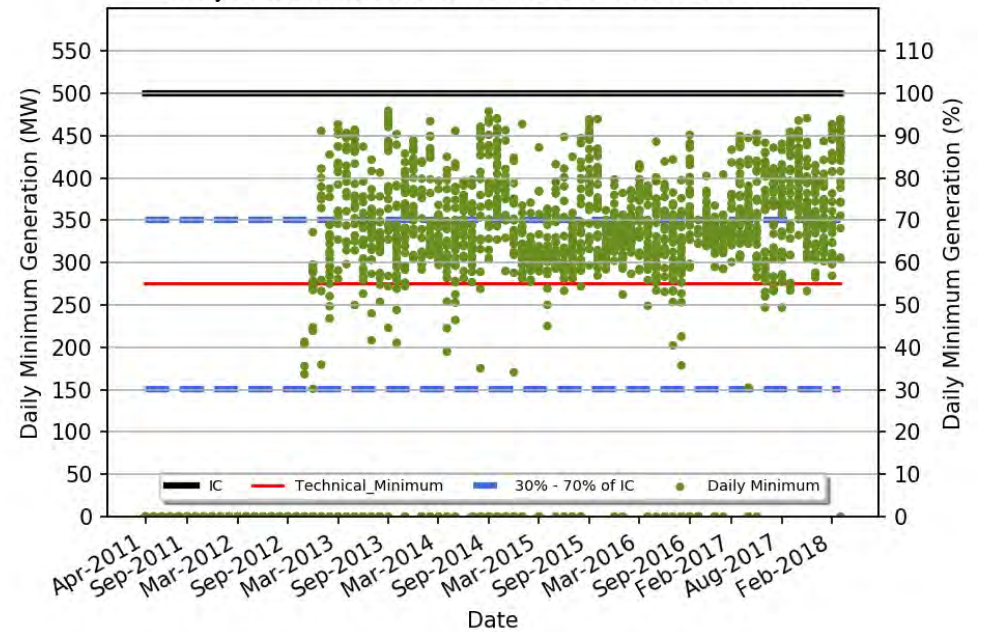
RIHAND STPS UNIT - 4 500 MW	
Region	: Northern Region
Number of Days Considered	: 2359
No. Of Days Max Generation Achieved	: 92 (%)
(% of total days in operation)	
No. Of Days Min Generation Achieved	: 43 (%)
(% of total days in operation)	
Average Flexibility	: 24 (%)
Average Daily Max (MW)	: 492
Daily Average (MW)	: 450
Average Daily Min (MW)	: 369
Average Daily Max/ IC (%)	: 98
Daily Average/IC (%)	: 90
Average Daily Min/IC (%)	: 73
Variable Charge (Paisa/kWh)	: 141
Number Of Beneficiaries	: 11



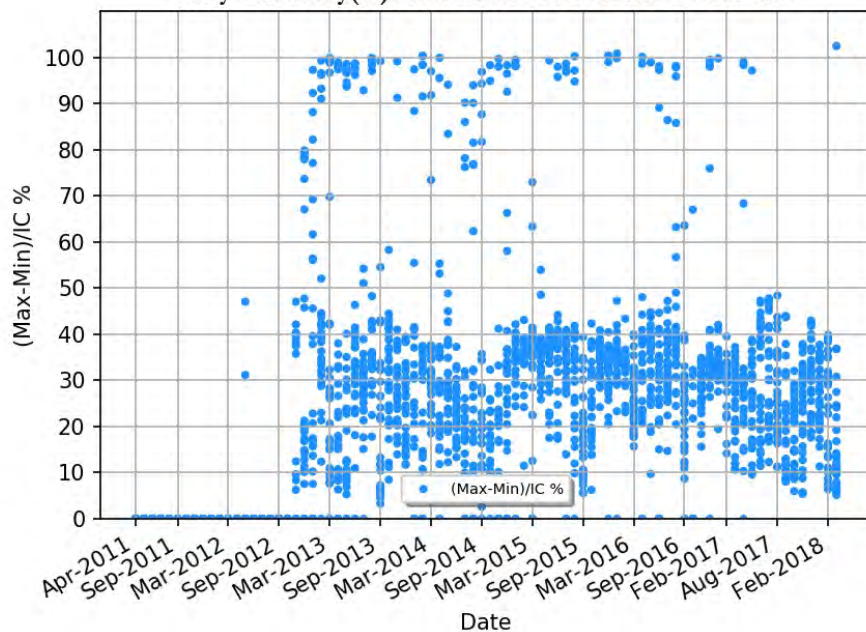
Daily Max Generation : RIHAND STPS UNIT - 5 500 MW



Daily Min Generation : RIHAND STPS UNIT - 5 500 MW

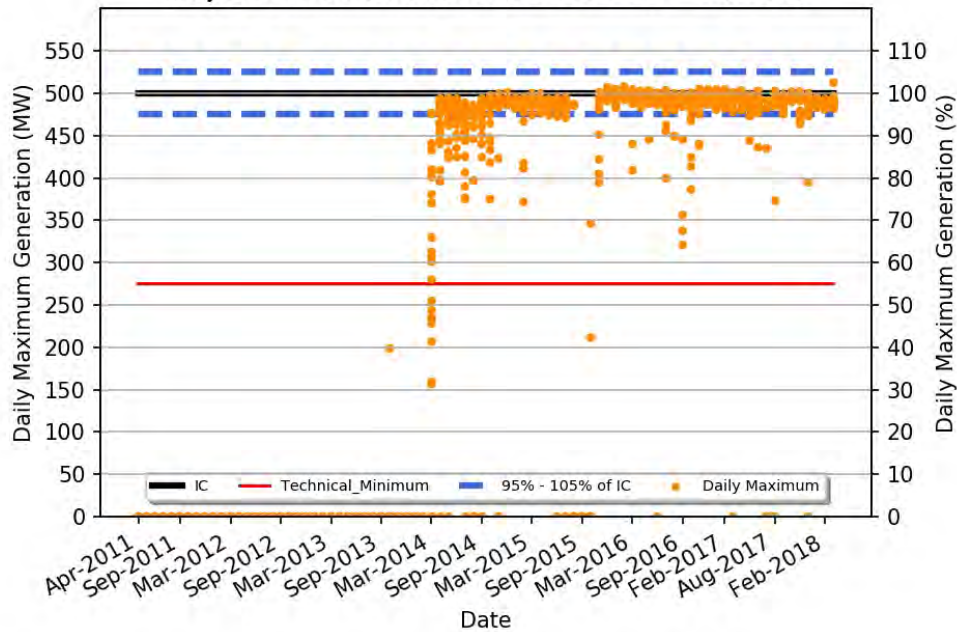


Daily Flexibility(%) : RIHAND STPS UNIT - 5 500 MW

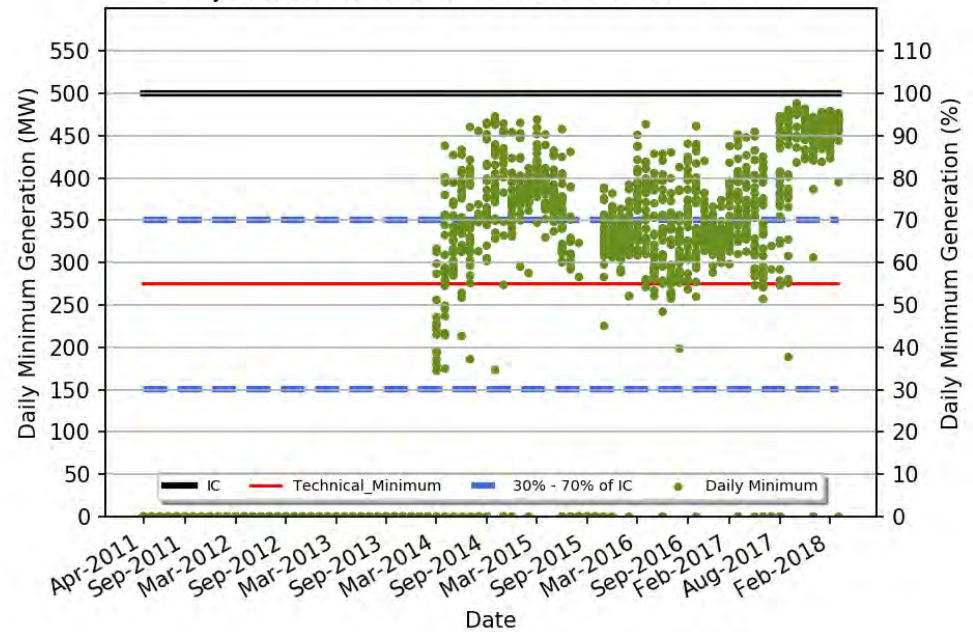


RIHAND STPS UNIT - 5 500 MW	
Region	: Northern Region
Number of Days Considered	: 1785
No. Of Days Max Generation Achieved	: 88 (%)
(% of total days in operation)	
No. Of Days Min Generation Achieved	: 53 (%)
(% of total days in operation)	
Average Flexibility	: 31 (%)
Average Daily Max (MW)	: 486
Daily Average (MW)	: 430
Average Daily Min (MW)	: 328
Average Daily Max/ IC (%)	: 97
Daily Average/IC (%)	: 86
Average Daily Min/IC (%)	: 65
Variable Charge (Paisa/kWh)	: 141
Number Of Beneficiaries	: 10

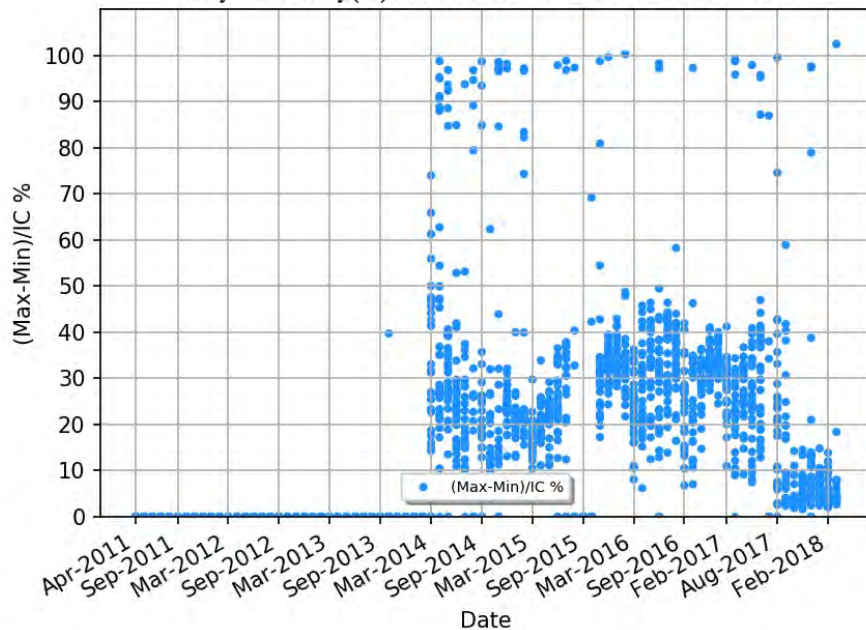
Daily Max Generation : RIHAND STPS UNIT - 6 500 MW



Daily Min Generation : RIHAND STPS UNIT - 6 500 MW



Daily Flexibility(%) : RIHAND STPS UNIT - 6 500 MW

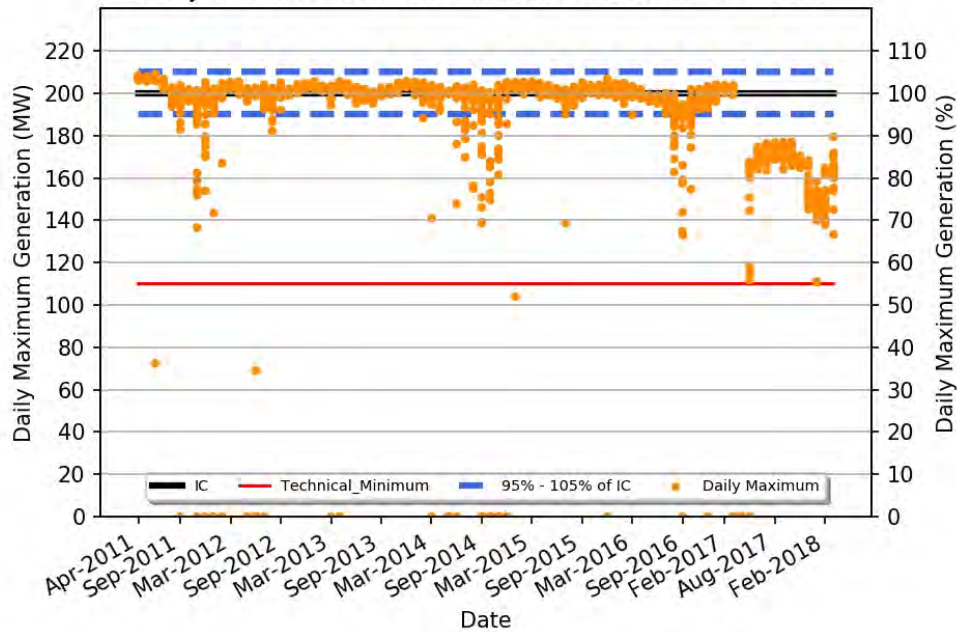


**RIHAND STPS UNIT - 6 500 MW**

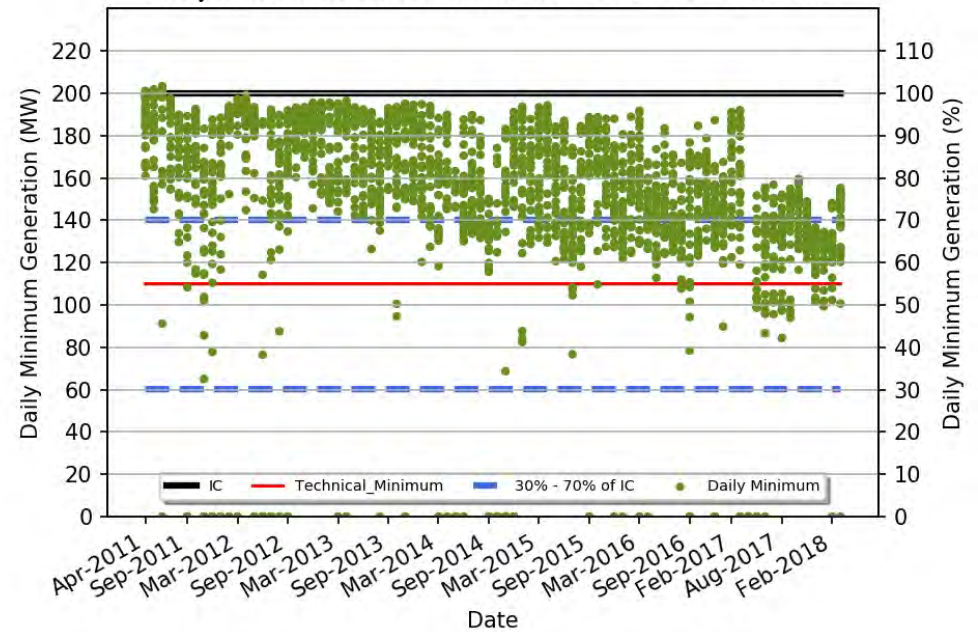
<b>Region</b>	<b>: Northern Region</b>
<b>Number of Days Considered</b>	<b>: 1290</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 89 (%)</b>
(% of total days in operation)	
<b>No. Of Days Min Generation Achieved</b>	<b>: 40 (%)</b>
(% of total days in operation)	
<b>Average Flexibility</b>	<b>: 26 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 485</b>
<b>Daily Average (MW)</b>	<b>: 439</b>
<b>Average Daily Min (MW)</b>	<b>: 354</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 97</b>
<b>Daily Average/IC (%)</b>	<b>: 87</b>
<b>Average Daily Min/IC (%)</b>	<b>: 70</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 141</b>
<b>Number Of Beneficiaries</b>	<b>: 10</b>



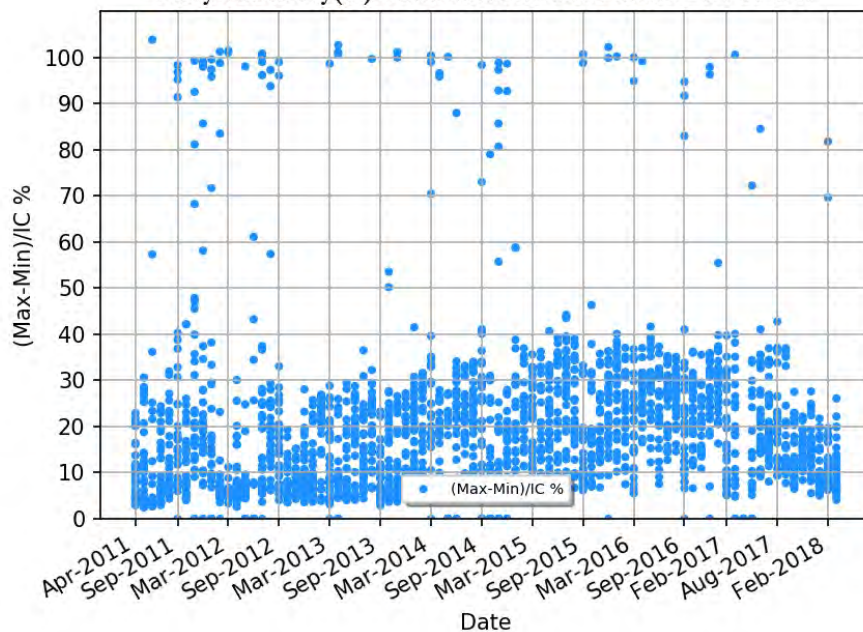
Daily Max Generation : SINGRAULI STPS UNIT - 1 200 MW



Daily Min Generation : SINGRAULI STPS UNIT - 1 200 MW



Daily Flexibility(%) : SINGRAULI STPS UNIT - 1 200 MW

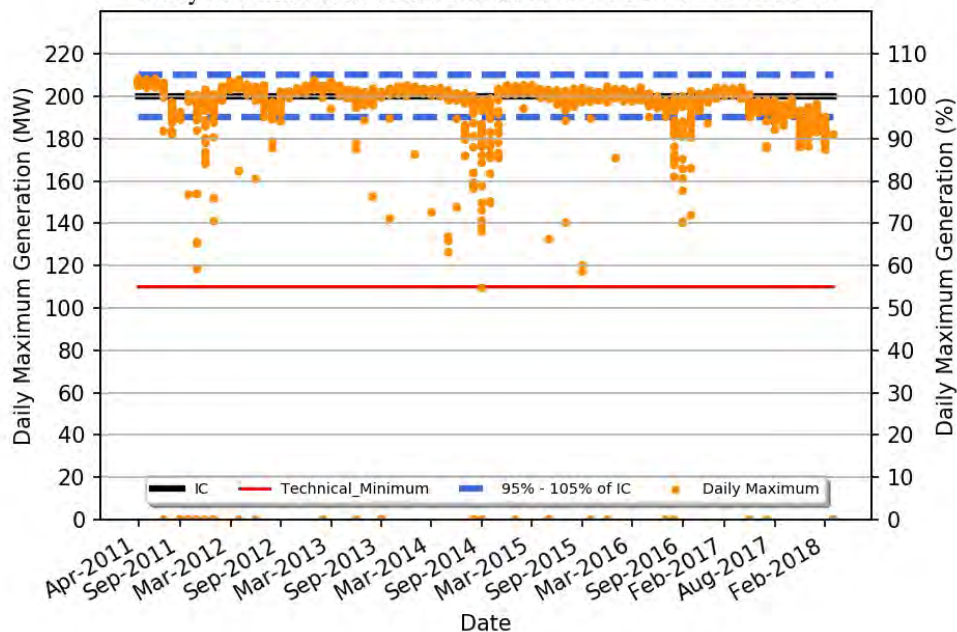


**SINGRAULI STPS UNIT - 1 200 MW**

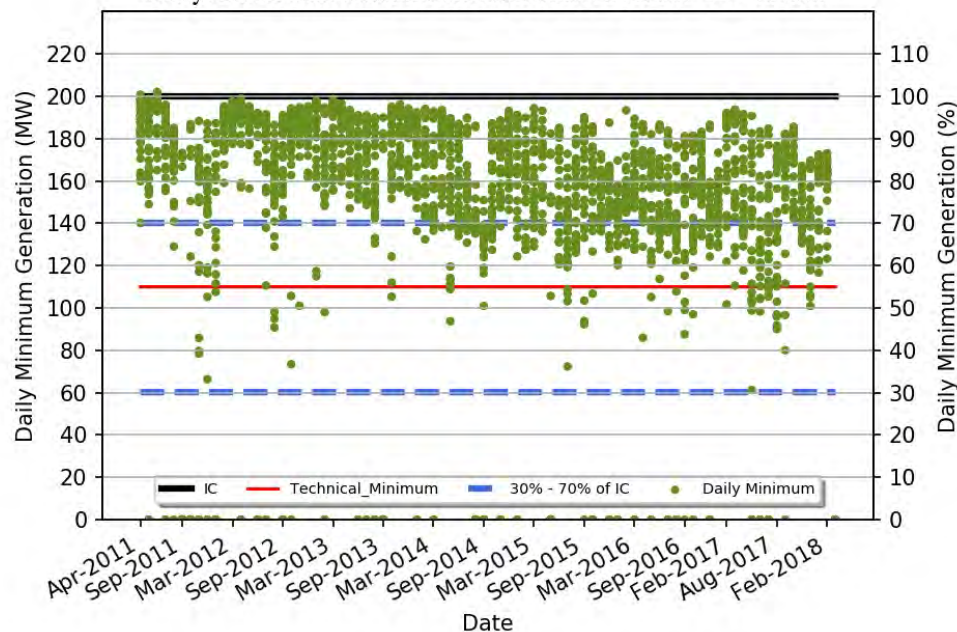
<b>Region</b>	<b>: Northern Region</b>
<b>Number of Days Considered</b>	<b>: 2366</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 82 (%)</b>
<b>(% of total days in operation)</b>	
<b>No. Of Days Min Generation Achieved</b>	<b>: 24 (%)</b>
<b>(% of total days in operation)</b>	
<b>Average Flexibility</b>	<b>: 19 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 194</b>
<b>Daily Average (MW)</b>	<b>: 181</b>
<b>Average Daily Min (MW)</b>	<b>: 155</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 97</b>
<b>Daily Average/IC (%)</b>	<b>: 90</b>
<b>Average Daily Min/IC (%)</b>	<b>: 77</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 147</b>
<b>Number Of Beneficiaries</b>	<b>: 11</b>



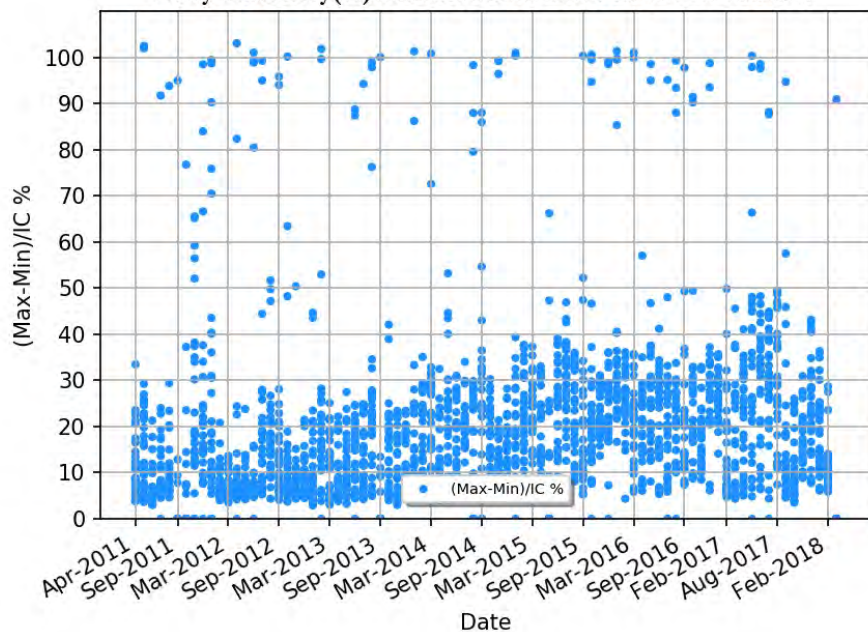
Daily Max Generation : SINGRAULI STPS UNIT - 2 200 MW



Daily Min Generation : SINGRAULI STPS UNIT - 2 200 MW



Daily Flexibility(%) : SINGRAULI STPS UNIT - 2 200 MW

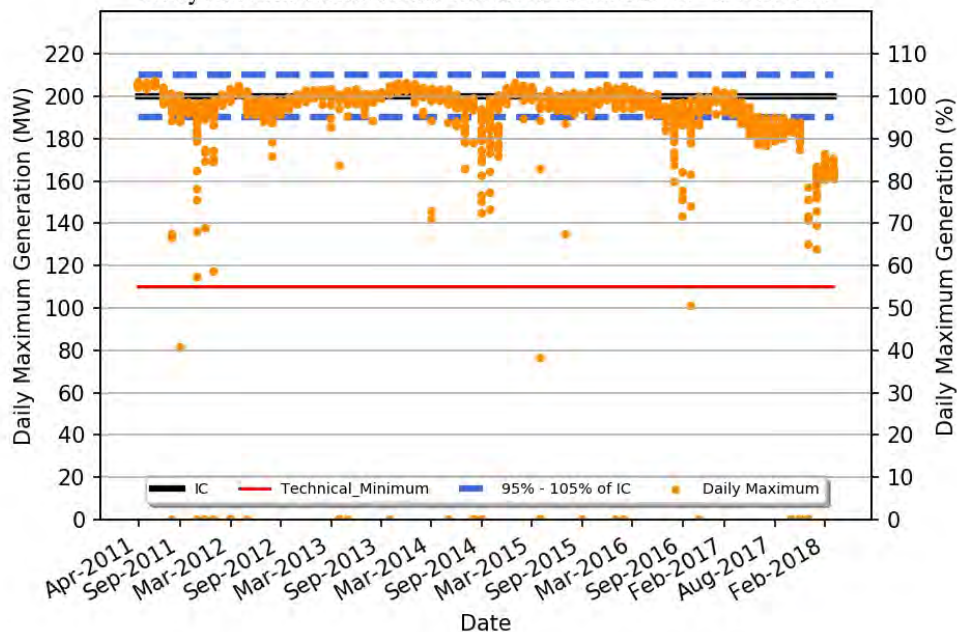


**SINGRAULI STPS UNIT - 2 200 MW**

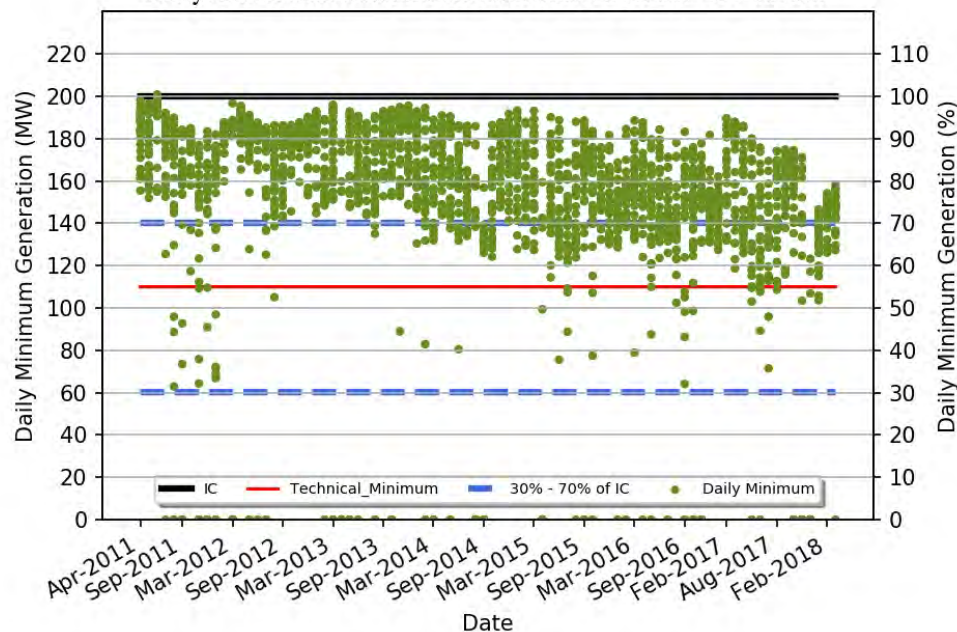
<b>Region</b>	<b>: Northern Region</b>
<b>Number of Days Considered</b>	<b>: 2371</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 89 (%)</b>
<b>(% of total days in operation)</b>	
<b>No. Of Days Min Generation Achieved</b>	<b>: 17 (%)</b>
<b>(% of total days in operation)</b>	
<b>Average Flexibility</b>	<b>: 19 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 198</b>
<b>Daily Average (MW)</b>	<b>: 185</b>
<b>Average Daily Min (MW)</b>	<b>: 158</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 99</b>
<b>Daily Average/IC (%)</b>	<b>: 92</b>
<b>Average Daily Min/IC (%)</b>	<b>: 79</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 147</b>
<b>Number Of Beneficiaries</b>	<b>: 11</b>



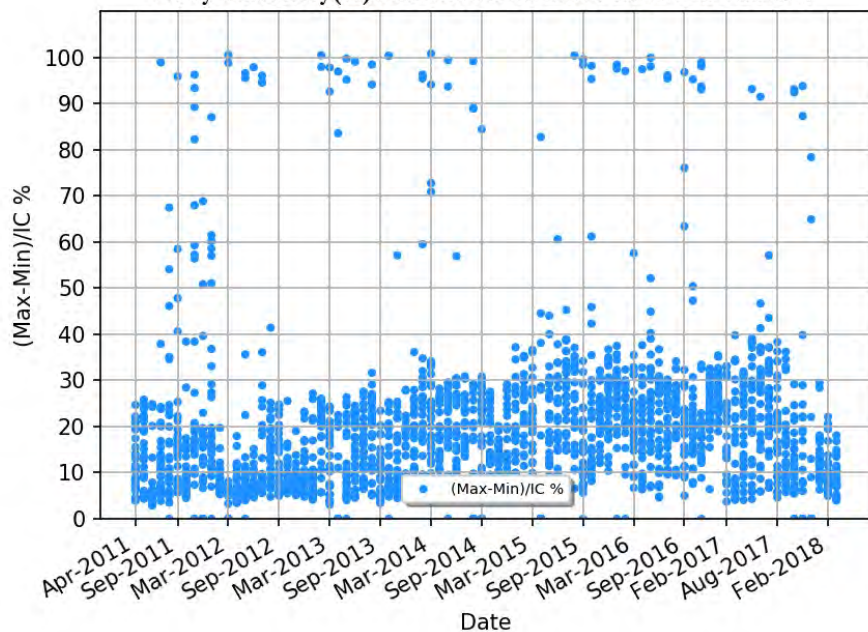
Daily Max Generation : SINGRAULI STPS UNIT - 3 200 MW



Daily Min Generation : SINGRAULI STPS UNIT - 3 200 MW



Daily Flexibility(%) : SINGRAULI STPS UNIT - 3 200 MW

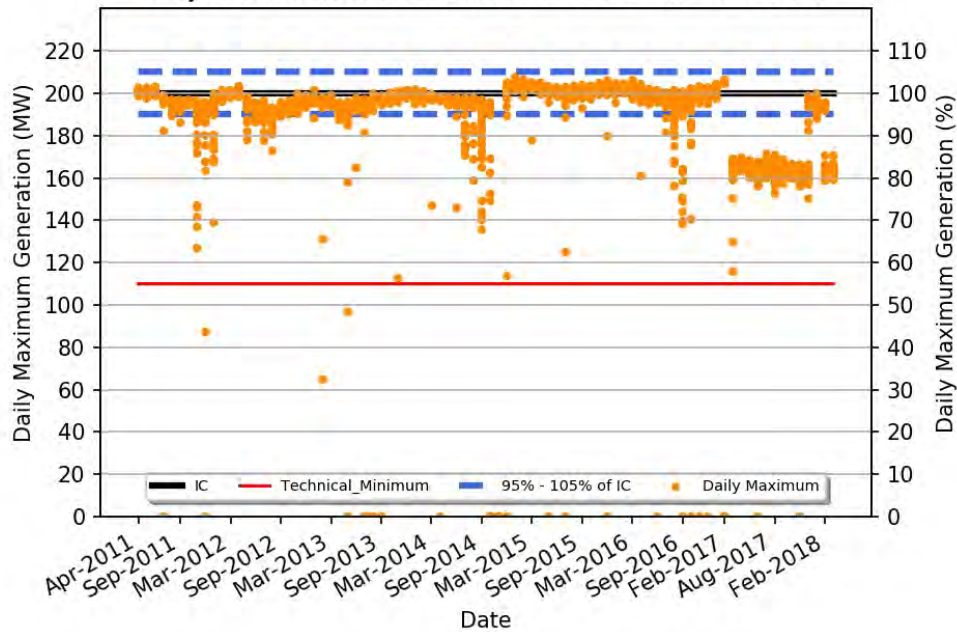


**SINGRAULI STPS UNIT - 3 200 MW**

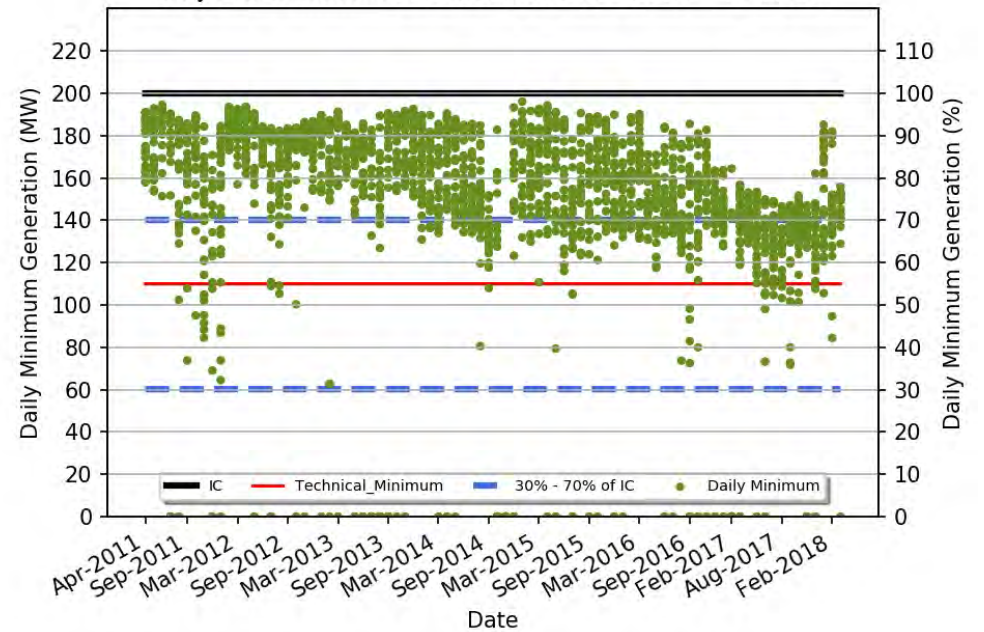
<b>Region</b>	<b>: Northern Region</b>
<b>Number of Days Considered</b>	<b>: 2383</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 82 (%)</b>
<b>(% of total days in operation)</b>	
<b>No. Of Days Min Generation Achieved</b>	<b>: 17 (%)</b>
<b>(% of total days in operation)</b>	
<b>Average Flexibility</b>	<b>: 18 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 195</b>
<b>Daily Average (MW)</b>	<b>: 182</b>
<b>Average Daily Min (MW)</b>	<b>: 157</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 97</b>
<b>Daily Average/IC (%)</b>	<b>: 91</b>
<b>Average Daily Min/IC (%)</b>	<b>: 78</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 147</b>
<b>Number Of Beneficiaries</b>	<b>: 11</b>



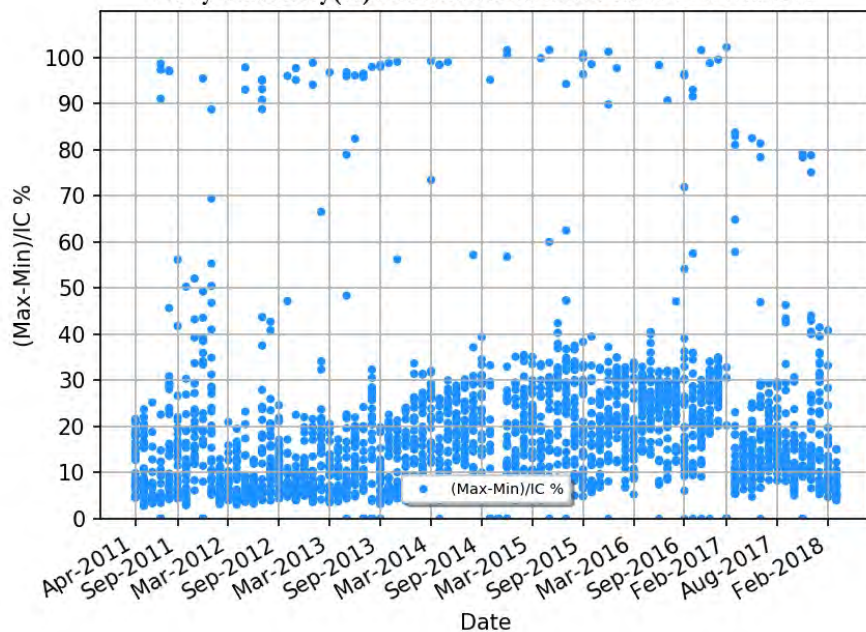
Daily Max Generation : SINGRAULI STPS UNIT - 4 200 MW



Daily Min Generation : SINGRAULI STPS UNIT - 4 200 MW



Daily Flexibility(%) : SINGRAULI STPS UNIT - 4 200 MW

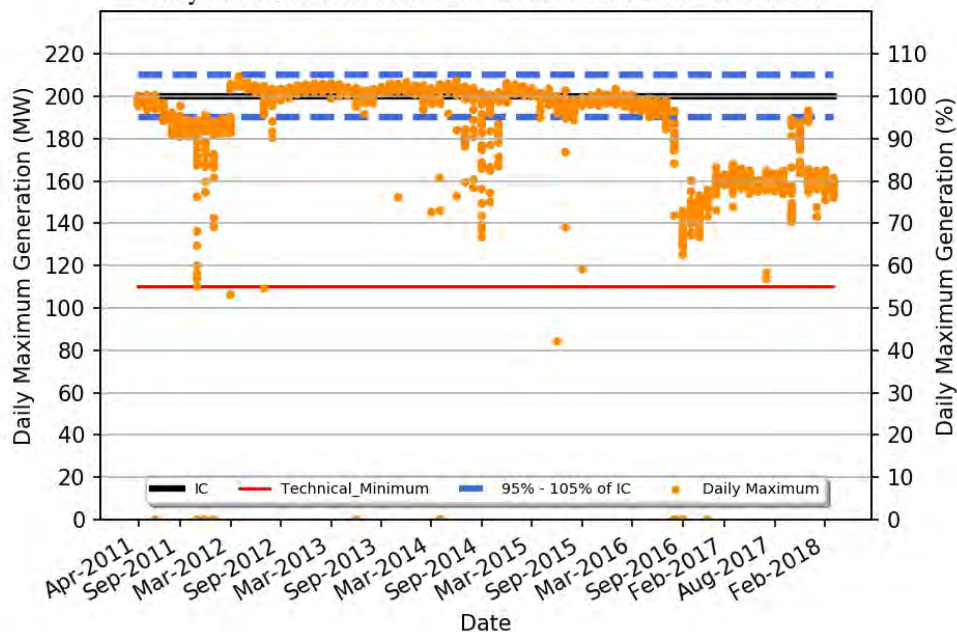


**SINGRAULI STPS UNIT - 4 200 MW**

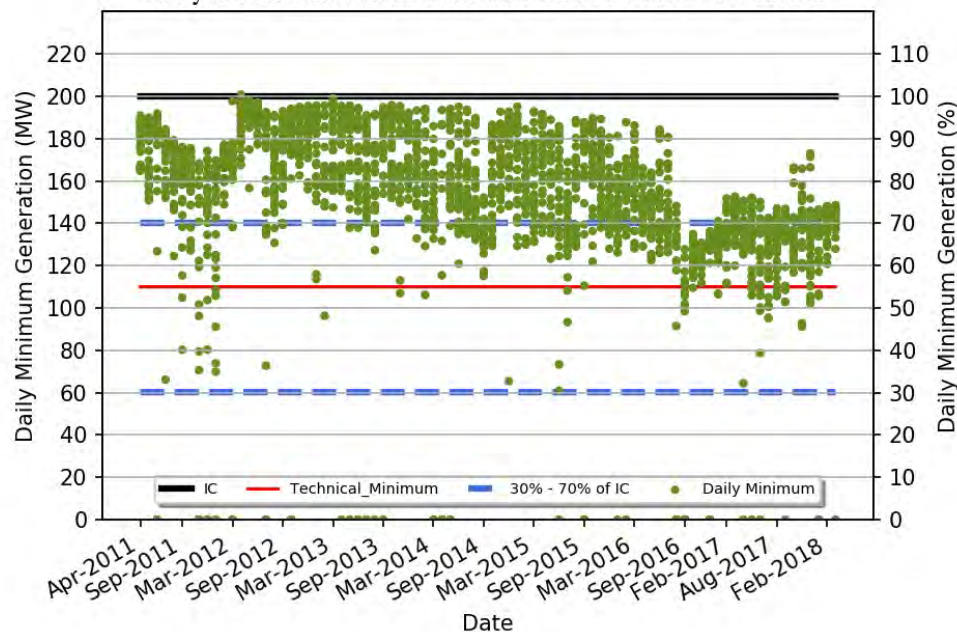
<b>Region</b>	<b>: Northern Region</b>
<b>Number of Days Considered</b>	<b>: 2385</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 78 (%)</b>
(% of total days in operation)	
<b>No. Of Days Min Generation Achieved</b>	<b>: 20 (%)</b>
(% of total days in operation)	
<b>Average Flexibility</b>	<b>: 18 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 191</b>
<b>Daily Average (MW)</b>	<b>: 179</b>
<b>Average Daily Min (MW)</b>	<b>: 154</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 95</b>
<b>Daily Average/IC (%)</b>	<b>: 89</b>
<b>Average Daily Min/IC (%)</b>	<b>: 77</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 147</b>
<b>Number Of Beneficiaries</b>	<b>: 11</b>



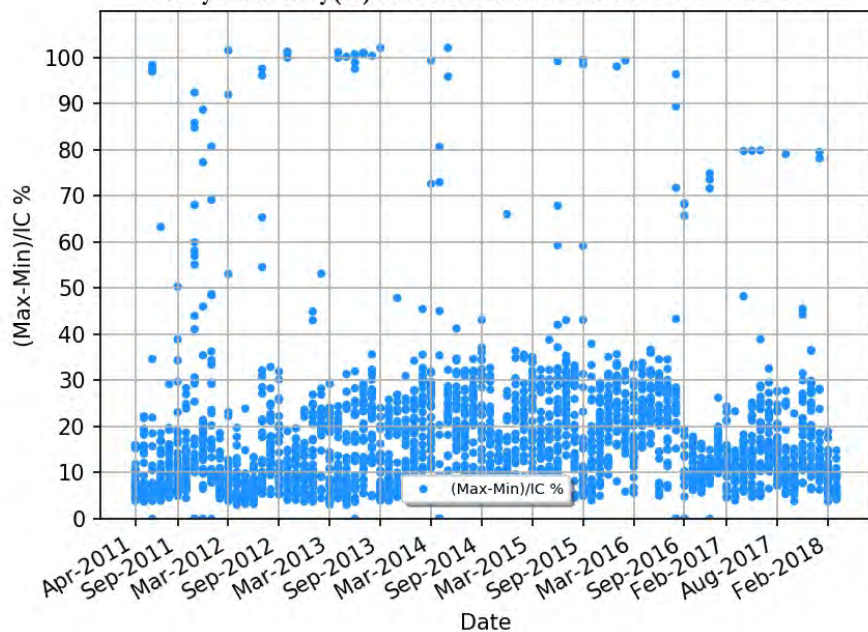
Daily Max Generation : SINGRAULI STPS UNIT - 5 200 MW



Daily Min Generation : SINGRAULI STPS UNIT - 5 200 MW



Daily Flexibility(%) : SINGRAULI STPS UNIT - 5 200 MW

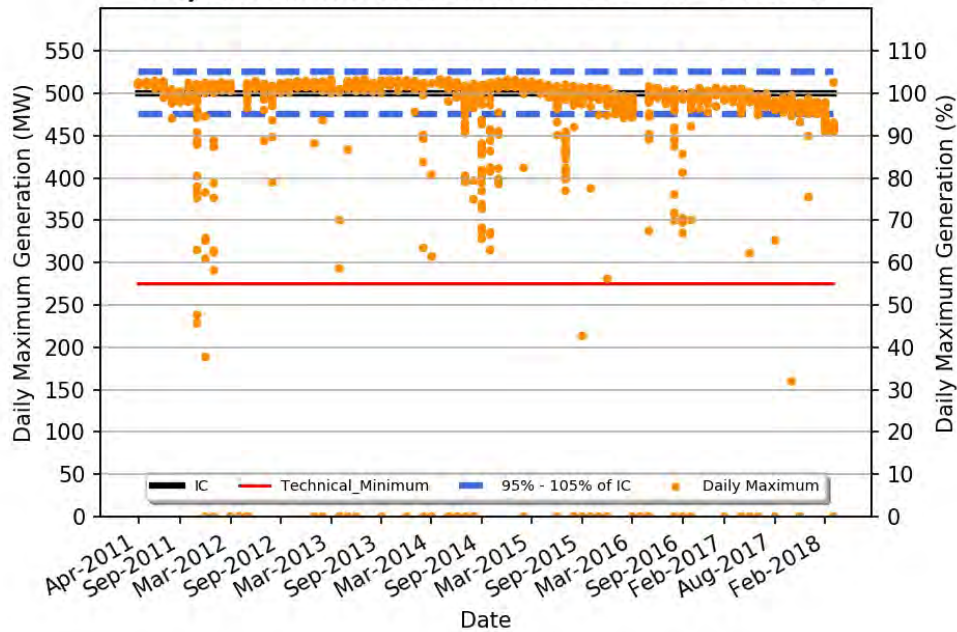


**SINGRAULI STPS UNIT - 5 200 MW**

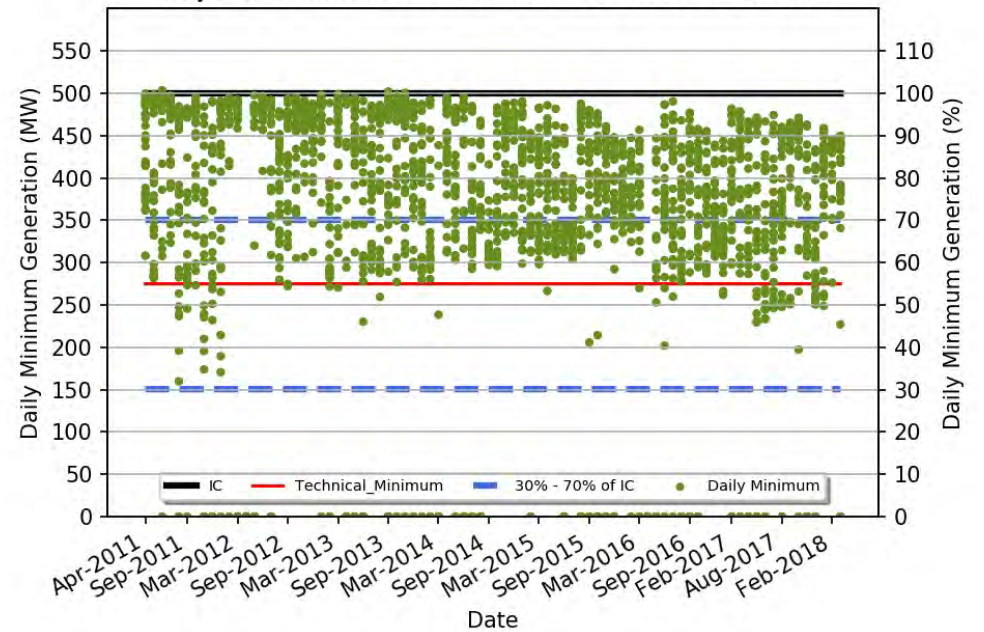
<b>Region</b>	<b>: Northern Region</b>
<b>Number of Days Considered</b>	<b>: 2477</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 65 (%)</b>
<b>(% of total days in operation)</b>	
<b>No. Of Days Min Generation Achieved</b>	<b>: 27 (%)</b>
<b>(% of total days in operation)</b>	
<b>Average Flexibility</b>	<b>: 17 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 188</b>
<b>Daily Average (MW)</b>	<b>: 177</b>
<b>Average Daily Min (MW)</b>	<b>: 154</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 94</b>
<b>Daily Average/IC (%)</b>	<b>: 88</b>
<b>Average Daily Min/IC (%)</b>	<b>: 77</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 147</b>
<b>Number Of Beneficiaries</b>	<b>: 11</b>



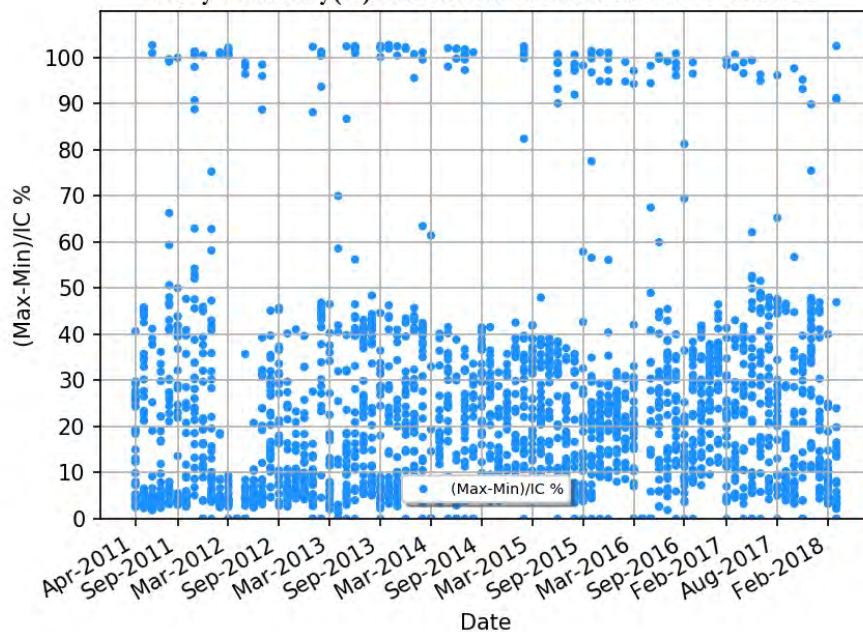
Daily Max Generation : SINGRAULI STPS UNIT - 6 500 MW



Daily Min Generation : SINGRAULI STPS UNIT - 6 500 MW



Daily Flexibility(%) : SINGRAULI STPS UNIT - 6 500 MW

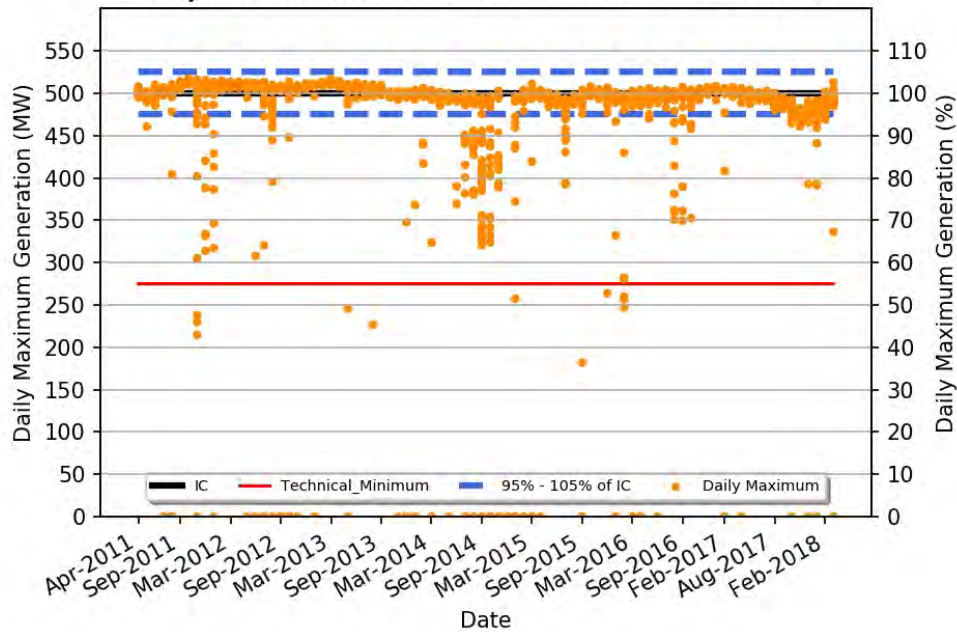


### SINGRAULI STPS UNIT - 6 500 MW

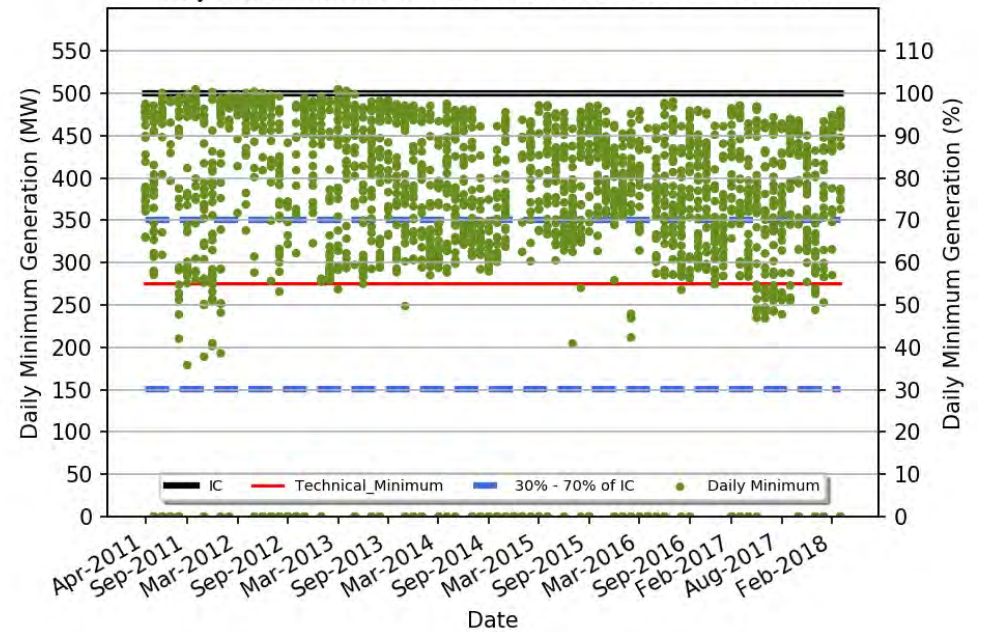
Region	: Northern Region
Number of Days Considered	: 2293
No. Of Days Max Generation Achieved	: 93 (%)
(% of total days in operation)	
No. Of Days Min Generation Achieved	: 26 (%)
(% of total days in operation)	
Average Flexibility	: 23 (%)
Average Daily Max (MW)	: 496
Daily Average (MW)	: 460
Average Daily Min (MW)	: 381
Average Daily Max/ IC (%)	: 99
Daily Average/IC (%)	: 92
Average Daily Min/IC (%)	: 76
Variable Charge (Paisa/kWh)	: 147
Number Of Beneficiaries	: 11



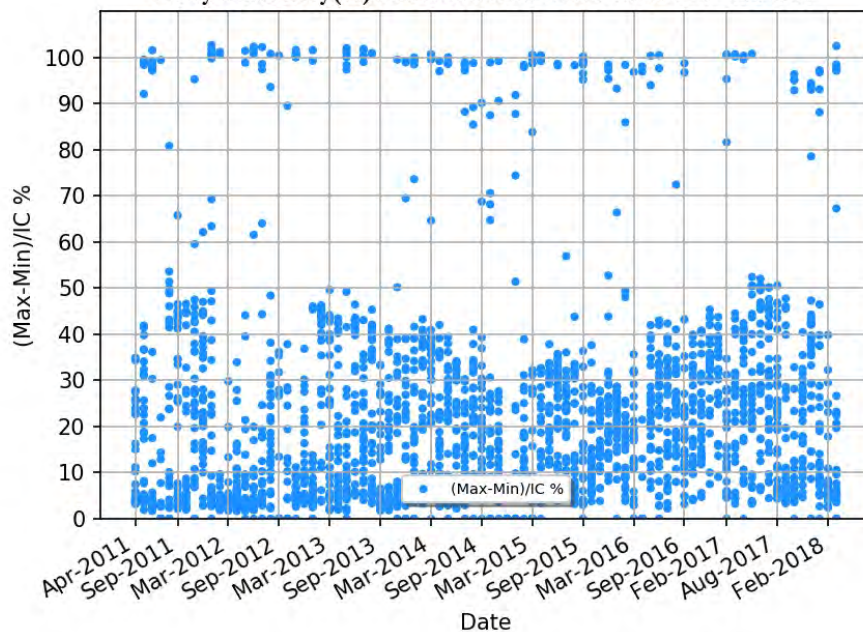
Daily Max Generation : SINGRAULI STPS UNIT - 7 500 MW



Daily Min Generation : SINGRAULI STPS UNIT - 7 500 MW



Daily Flexibility(%) : SINGRAULI STPS UNIT - 7 500 MW

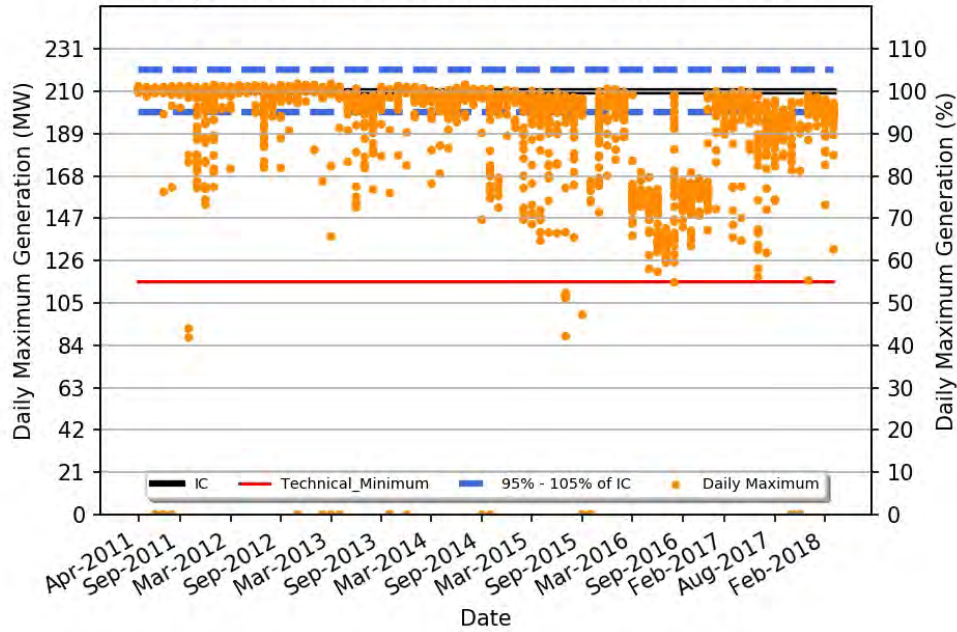


**SINGRAULI STPS UNIT - 7 500 MW**

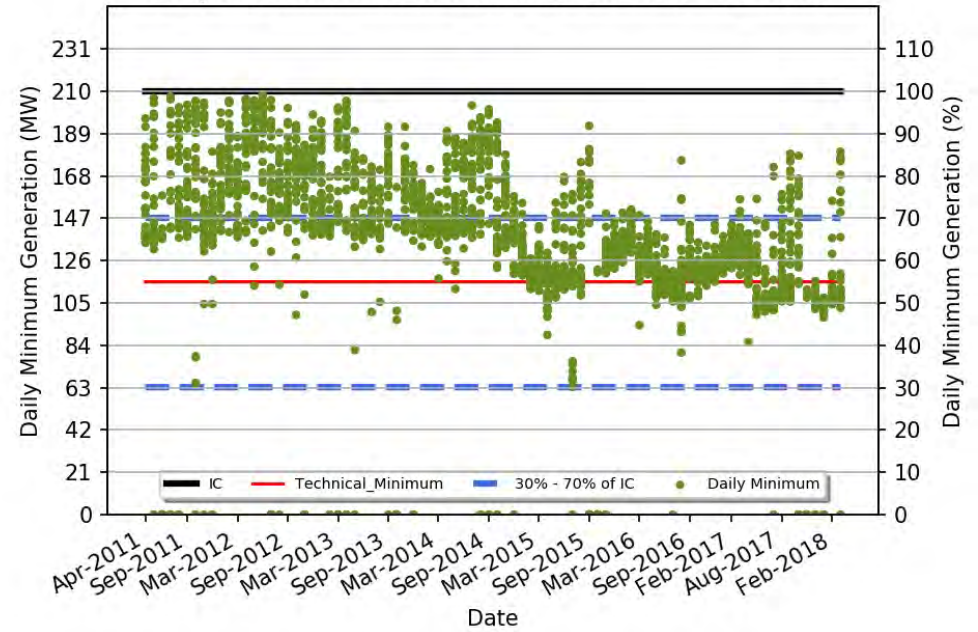
<b>Region</b>	<b>: Northern Region</b>
<b>Number of Days Considered</b>	<b>: 2288</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 93 (%)</b>
<b>(% of total days in operation)</b>	
<b>No. Of Days Min Generation Achieved</b>	<b>: 27 (%)</b>
<b>(% of total days in operation)</b>	
<b>Average Flexibility</b>	<b>: 23 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 493</b>
<b>Daily Average (MW)</b>	<b>: 458</b>
<b>Average Daily Min (MW)</b>	<b>: 376</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 98</b>
<b>Daily Average/IC (%)</b>	<b>: 91</b>
<b>Average Daily Min/IC (%)</b>	<b>: 75</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 147</b>
<b>Number Of Beneficiaries</b>	<b>: 11</b>



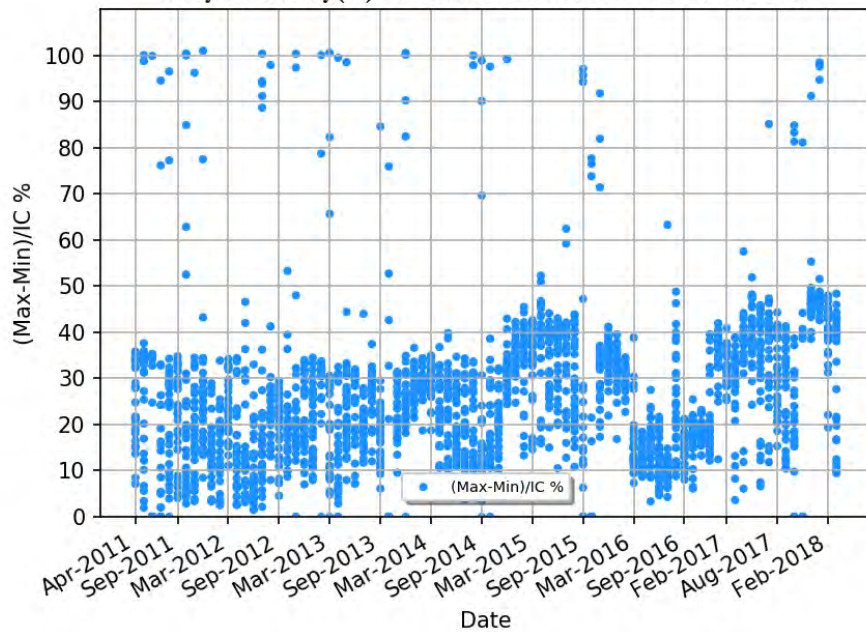
Daily Max Generation : UNCHAHAH TPS UNIT - 1 210 MW



Daily Min Generation : UNCHAHAH TPS UNIT - 1 210 MW



Daily Flexibility(%) : UNCHAHAH TPS UNIT - 1 210 MW

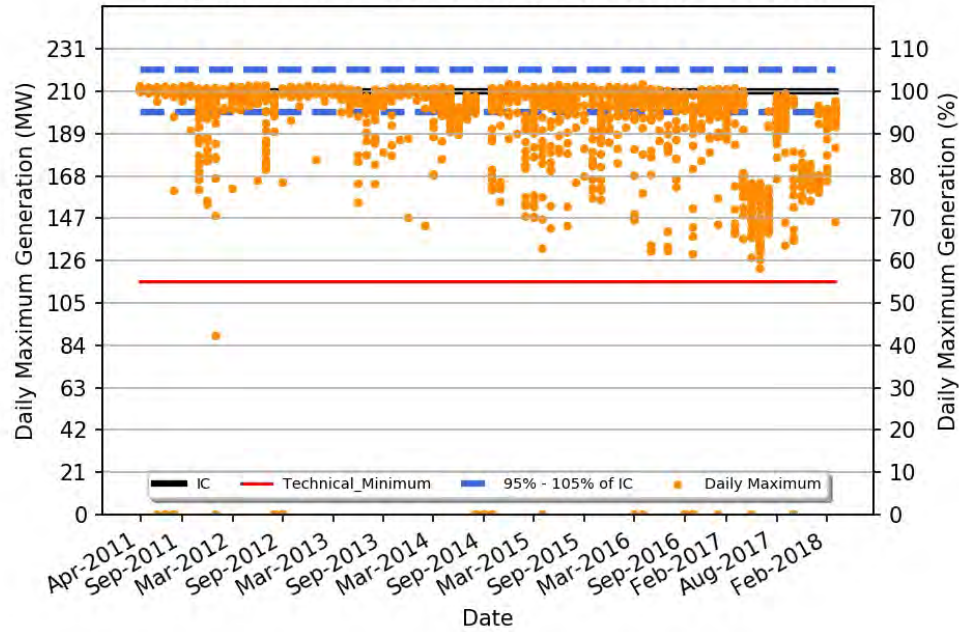


**UNCHAHAH TPS UNIT - 1 210 MW**

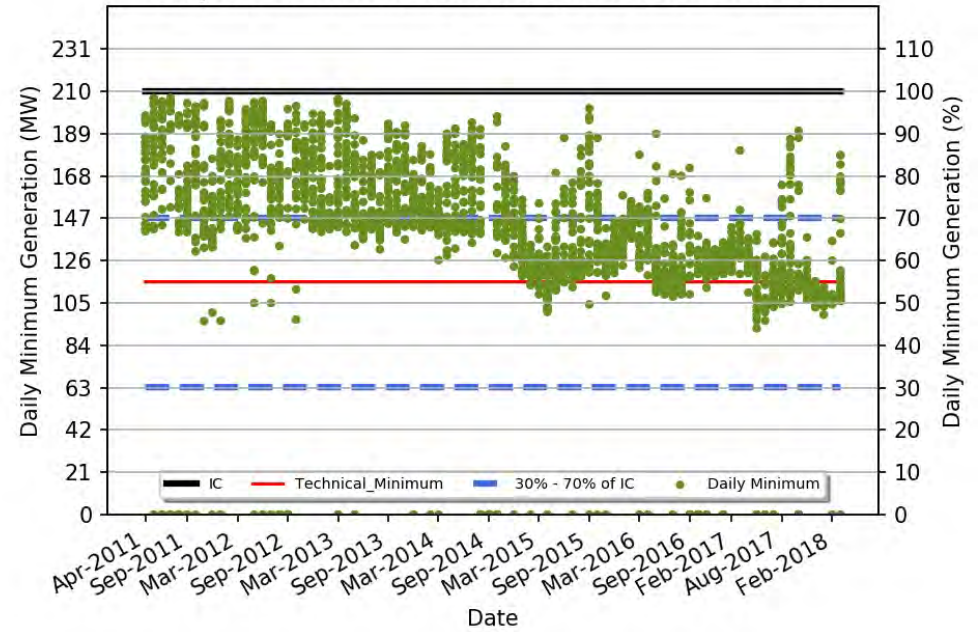
<b>Region</b>	<b>: Northern Region</b>
<b>Number of Days Considered</b>	<b>: 2395</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 67 (%)</b>
(% of total days in operation)	
<b>No. Of Days Min Generation Achieved</b>	<b>: 58 (%)</b>
(% of total days in operation)	
<b>Average Flexibility</b>	<b>: 26 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 196</b>
<b>Daily Average (MW)</b>	<b>: 170</b>
<b>Average Daily Min (MW)</b>	<b>: 140</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 93</b>
<b>Daily Average/IC (%)</b>	<b>: 81</b>
<b>Average Daily Min/IC (%)</b>	<b>: 67</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 358</b>
<b>Number Of Beneficiaries</b>	<b>: 11</b>



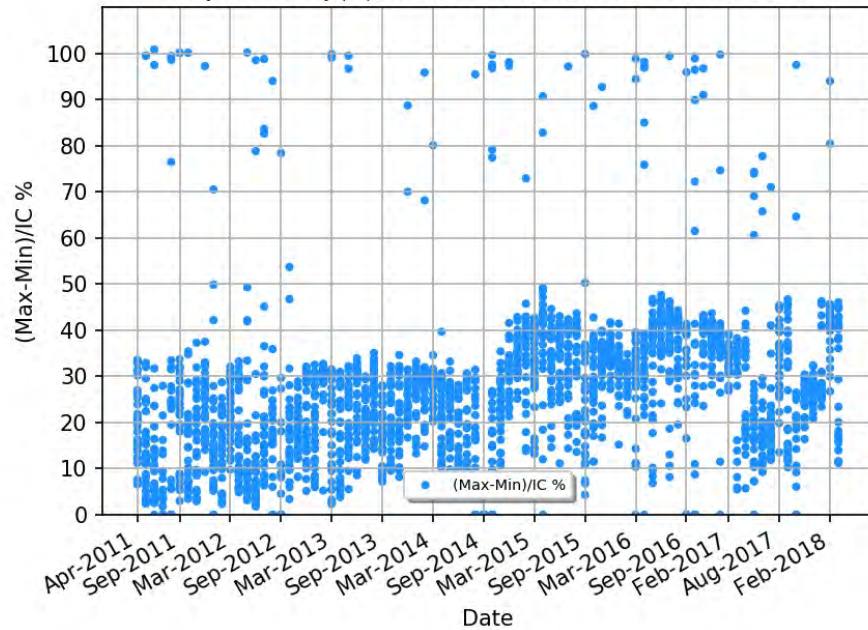
Daily Max Generation : UNCHAHAH TPS UNIT - 2 210 MW



Daily Min Generation : UNCHAHAH TPS UNIT - 2 210 MW



Daily Flexibility(%) : UNCHAHAH TPS UNIT - 2 210 MW

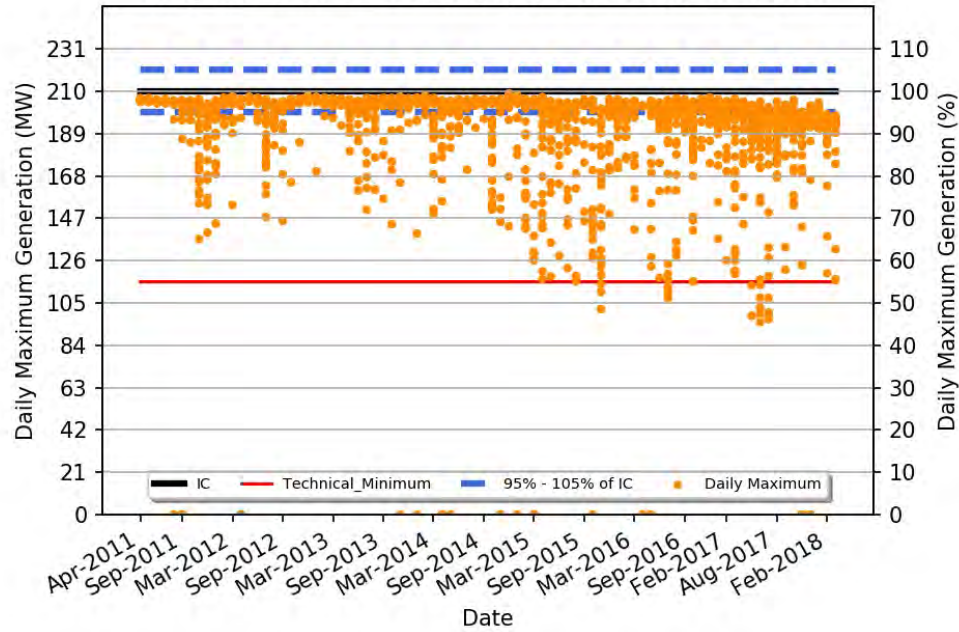


### UNCHAHAH TPS UNIT - 2 210 MW

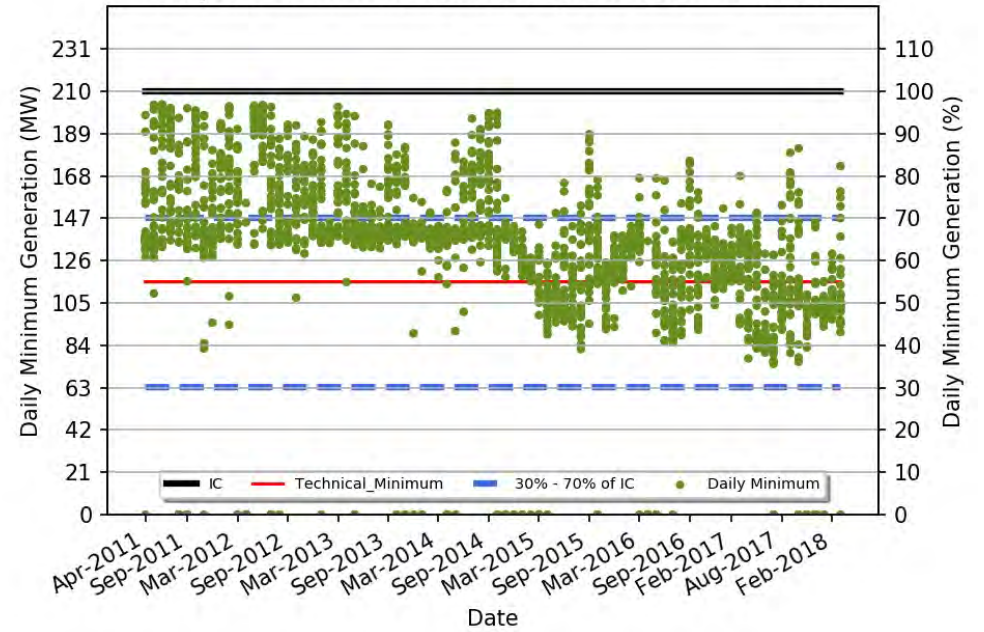
Region	: Northern Region
Number of Days Considered	: 2384
No. Of Days Max Generation Achieved	: 74 (%)
(% of total days in operation)	
No. Of Days Min Generation Achieved	: 53 (%)
(% of total days in operation)	
Average Flexibility	: 26 (%)
Average Daily Max (MW)	: 199
Daily Average (MW)	: 173
Average Daily Min (MW)	: 143
Average Daily Max/ IC (%)	: 95
Daily Average/IC (%)	: 82
Average Daily Min/IC (%)	: 68
Variable Charge (Paisa/kWh)	: 358
Number Of Beneficiaries	: 11



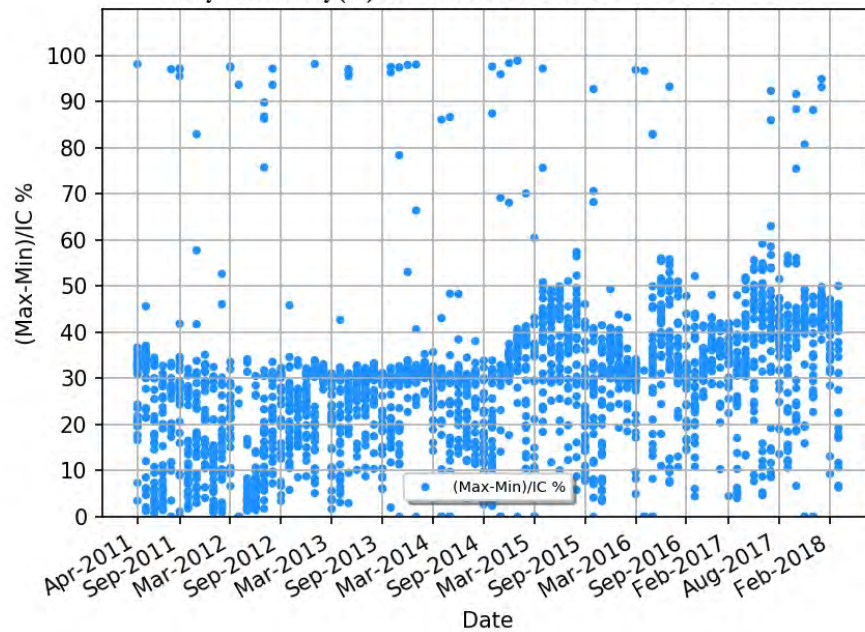
Daily Max Generation : UNCHAHAH TPS UNIT - 3 210 MW



Daily Min Generation : UNCHAHAH TPS UNIT - 3 210 MW



Daily Flexibility(%) : UNCHAHAH TPS UNIT - 3 210 MW

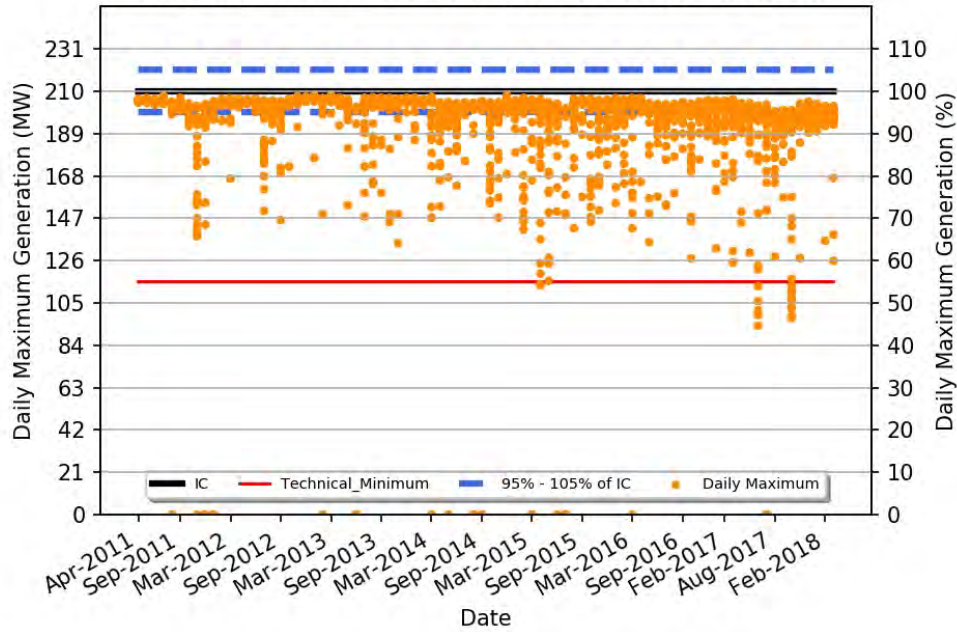


### UNCHAHAH TPS UNIT - 3 210 MW

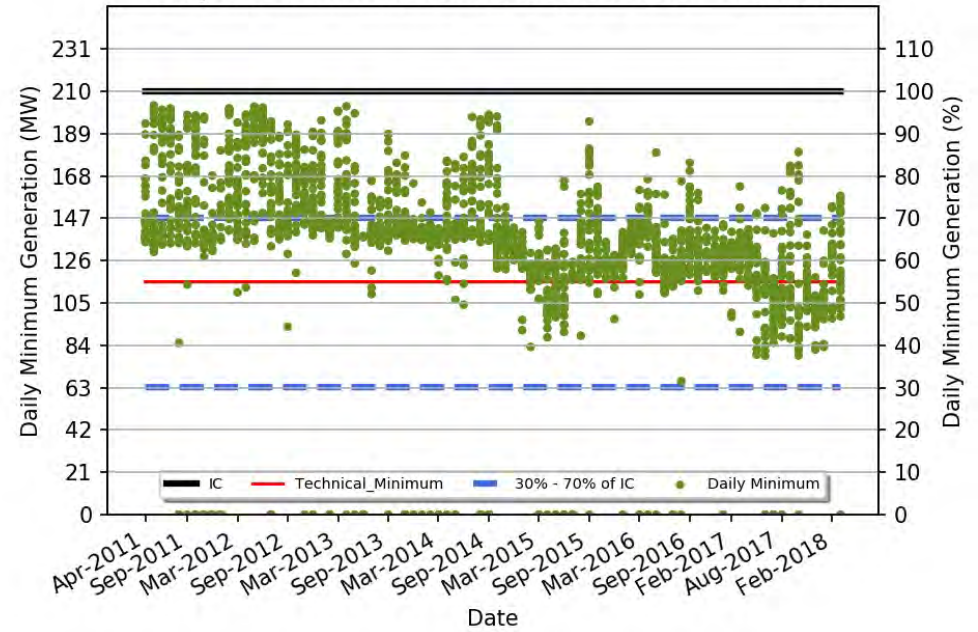
Region	: Northern Region
Number of Days Considered	: 2400
No. Of Days Max Generation Achieved	: 65 (%)
(% of total days in operation)	
No. Of Days Min Generation Achieved	: 70 (%)
(% of total days in operation)	
Average Flexibility	: 28 (%)
Average Daily Max (MW)	: 195
Daily Average (MW)	: 166
Average Daily Min (MW)	: 134
Average Daily Max/ IC (%)	: 93
Daily Average/IC (%)	: 79
Average Daily Min/IC (%)	: 64
Variable Charge (Paisa/kWh)	: 358
Number Of Beneficiaries	: 10



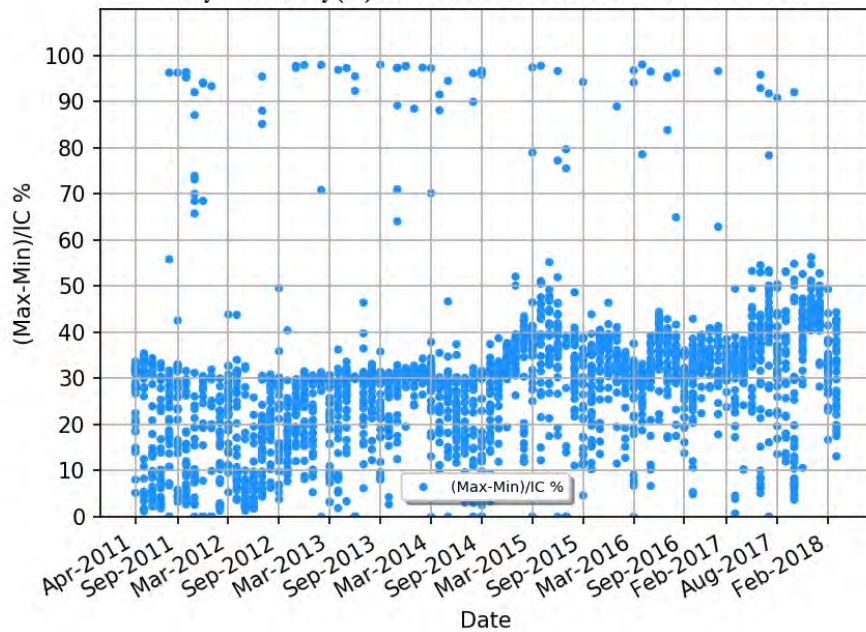
Daily Max Generation : UNCHAHAH TPS UNIT - 4 210 MW



Daily Min Generation : UNCHAHAH TPS UNIT - 4 210 MW



Daily Flexibility(%) : UNCHAHAH TPS UNIT - 4 210 MW

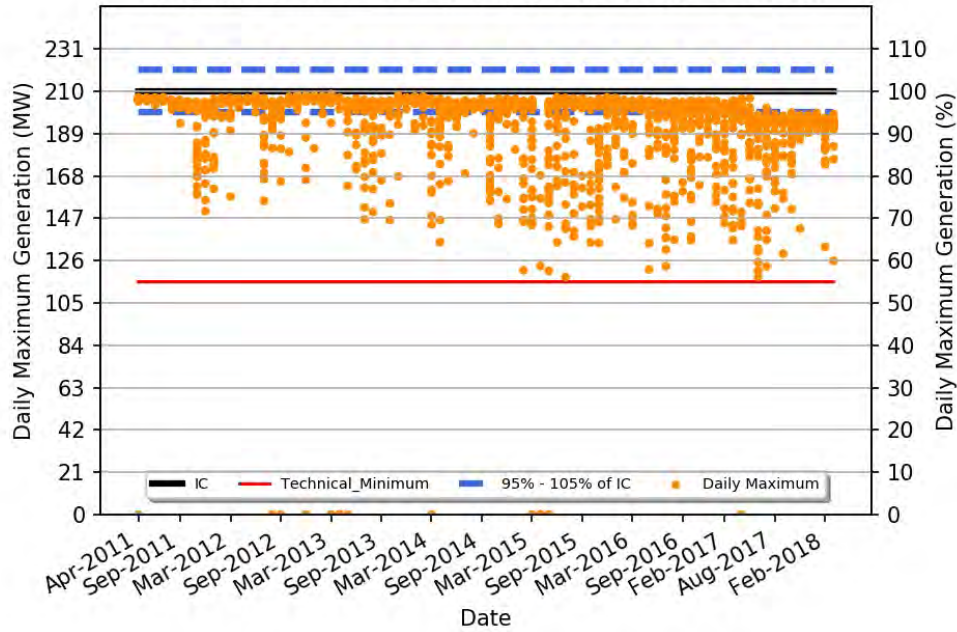


### UNCHAHAH TPS UNIT - 4 210 MW

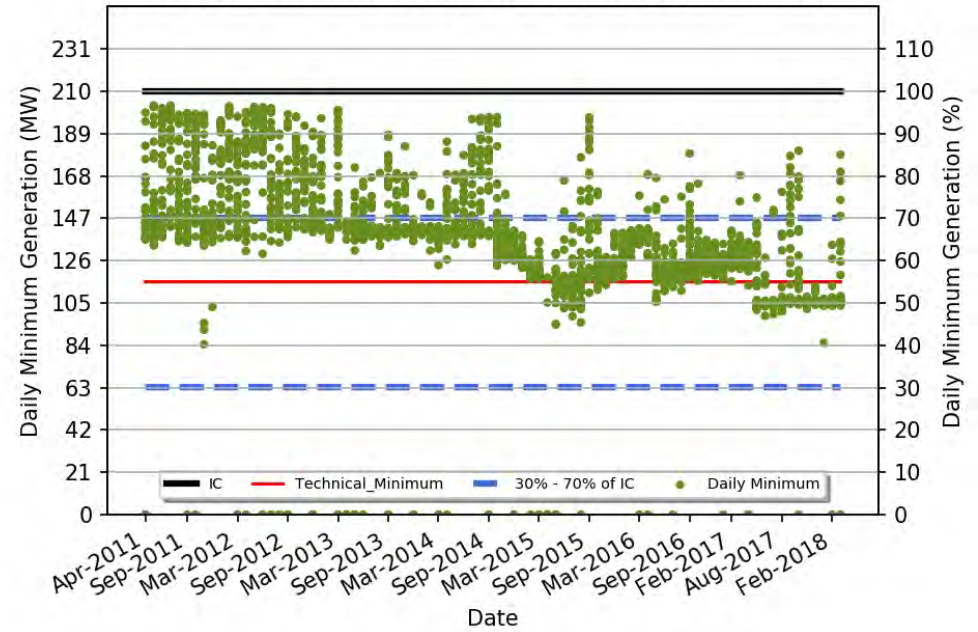
Region	: Northern Region
Number of Days Considered	: 2430
No. Of Days Max Generation Achieved	: 68 (%)
(% of total days in operation)	
No. Of Days Min Generation Achieved	: 69 (%)
(% of total days in operation)	
Average Flexibility	: 29 (%)
Average Daily Max (MW)	: 197
Daily Average (MW)	: 168
Average Daily Min (MW)	: 136
Average Daily Max/ IC (%)	: 94
Daily Average/IC (%)	: 80
Average Daily Min/IC (%)	: 65
Variable Charge (Paisa/kWh)	: 358
Number Of Beneficiaries	: 10



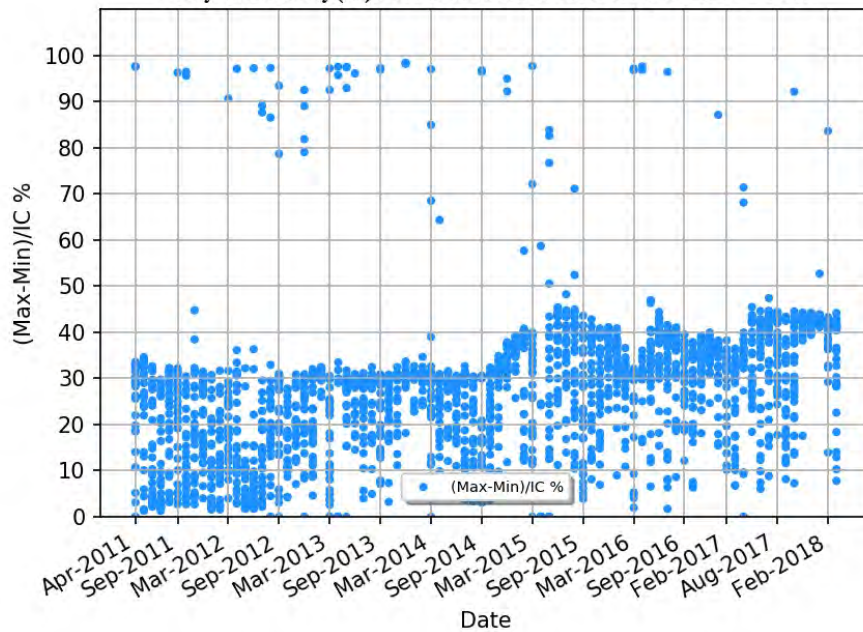
Daily Max Generation : UNCHAHAH TPS UNIT - 5 210 MW



Daily Min Generation : UNCHAHAH TPS UNIT - 5 210 MW



Daily Flexibility(%) : UNCHAHAH TPS UNIT - 5 210 MW



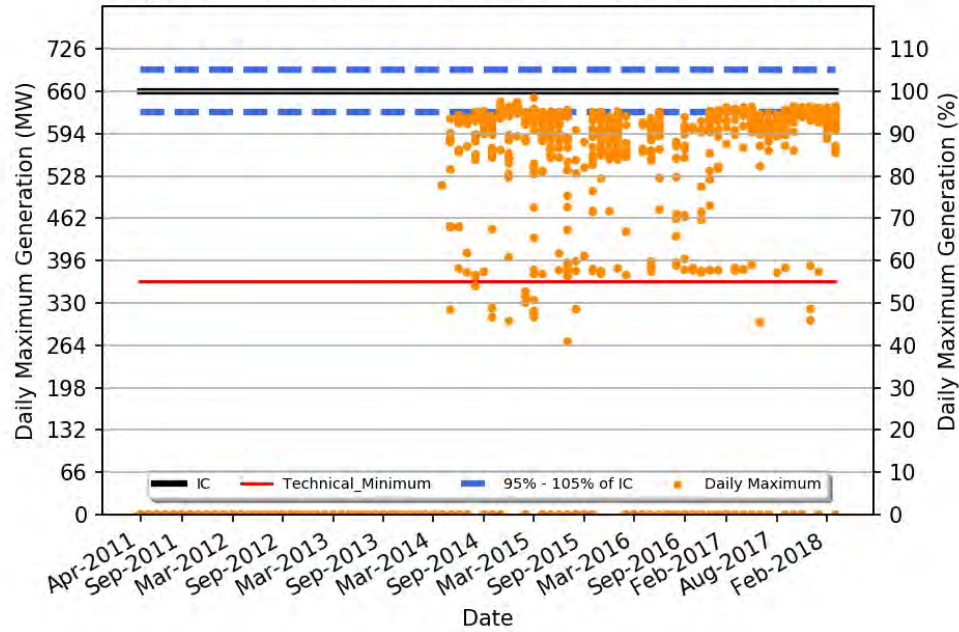
### UNCHAHAH TPS UNIT - 5 210 MW

Region	: Northern Region
Number of Days Considered	: 2467
No. Of Days Max Generation Achieved (% of total days in operation)	: 64 (%)
No. Of Days Min Generation Achieved (% of total days in operation)	: 69 (%)
Average Flexibility	: 27 (%)
Average Daily Max (MW)	: 196
Daily Average (MW)	: 167
Average Daily Min (MW)	: 138
Average Daily Max/ IC (%)	: 93
Daily Average/IC (%)	: 79
Average Daily Min/IC (%)	: 65
Variable Charge (Paisa/kWh)	: 358
Number Of Beneficiaries	: 10

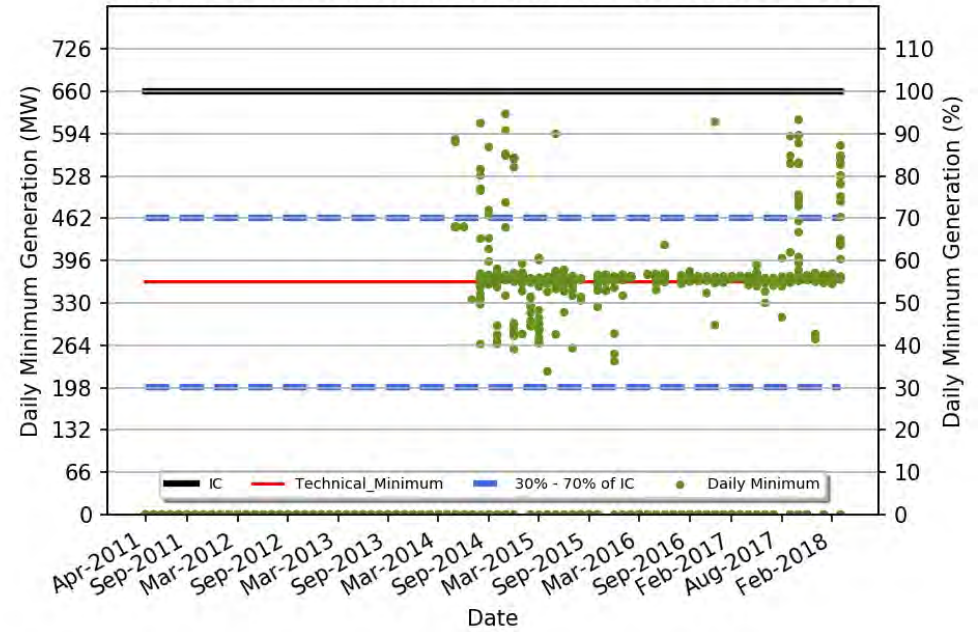


# HARYANA

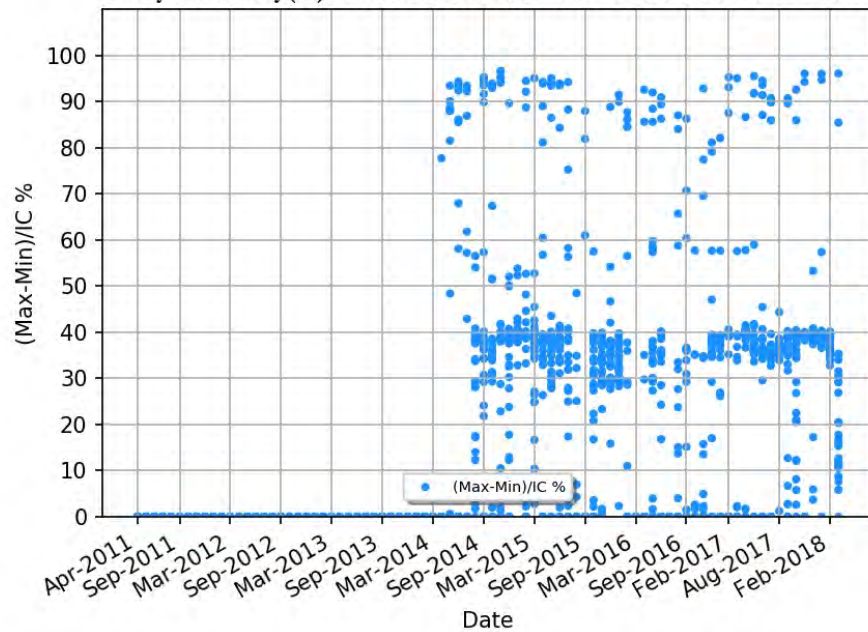
Daily Max Generation : MAHATMA GANDHI TPS UNIT - 1 660 MW



Daily Min Generation : MAHATMA GANDHI TPS UNIT - 1 660 MW



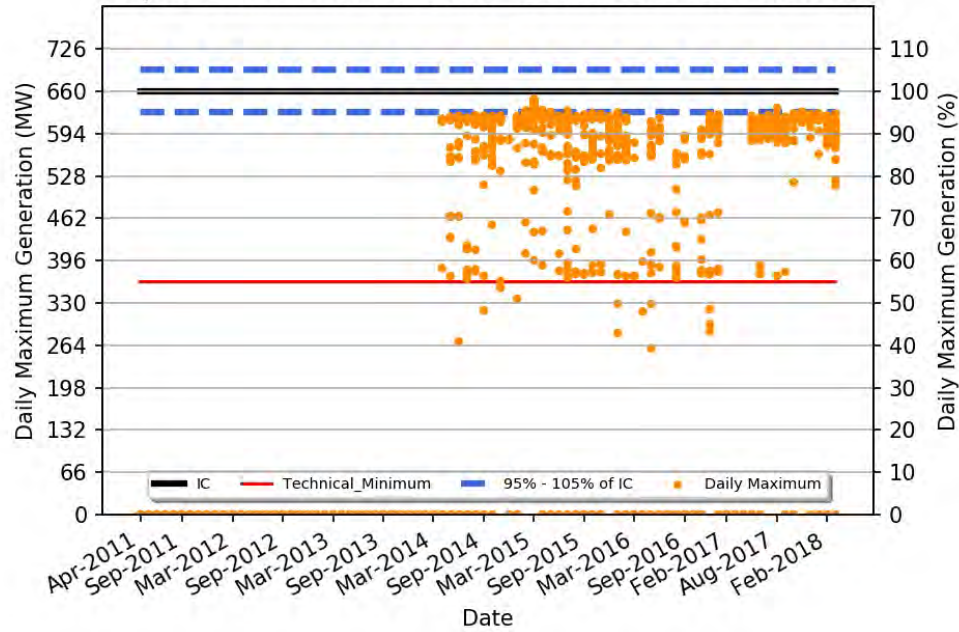
Daily Flexibility(%) : MAHATMA GANDHI TPS UNIT - 1 660 MW



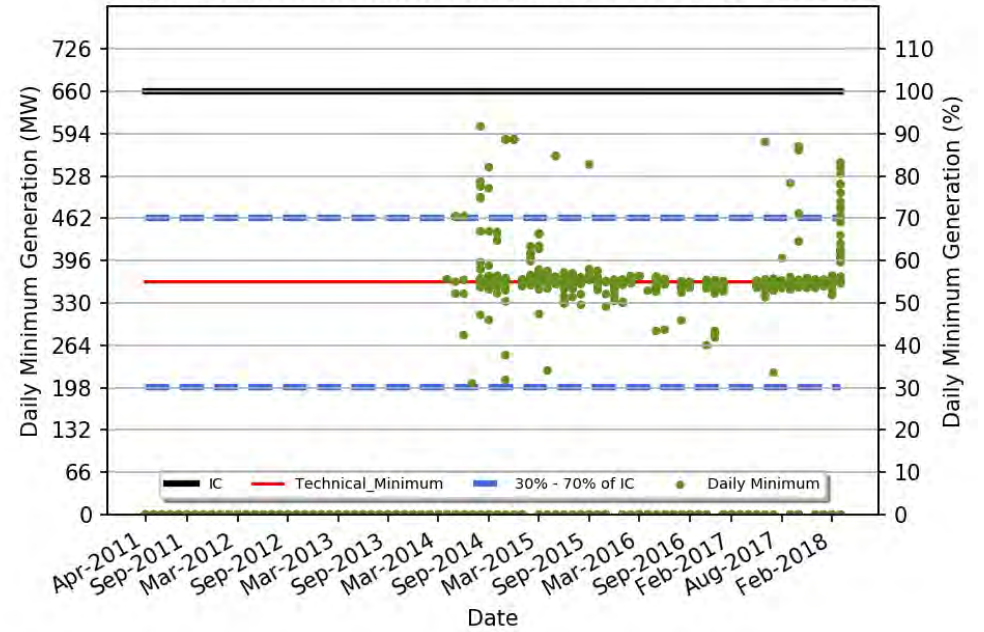
**MAHATMA GANDHI TPS UNIT - 1 660 MW**

<b>Region</b>	<b>: Northern Region</b>
<b>Number of Days Considered</b>	<b>: 908</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 21 (%)</b>
<small>(% of total days in operation)</small>	
<b>No. Of Days Min Generation Achieved</b>	<b>: 83 (%)</b>
<small>(% of total days in operation)</small>	
<b>Average Flexibility</b>	<b>: 37 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 585</b>
<b>Daily Average (MW)</b>	<b>: 457</b>
<b>Average Daily Min (MW)</b>	<b>: 338</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 88</b>
<b>Daily Average/IC (%)</b>	<b>: 69</b>
<b>Average Daily Min/IC (%)</b>	<b>: 51</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 357</b>

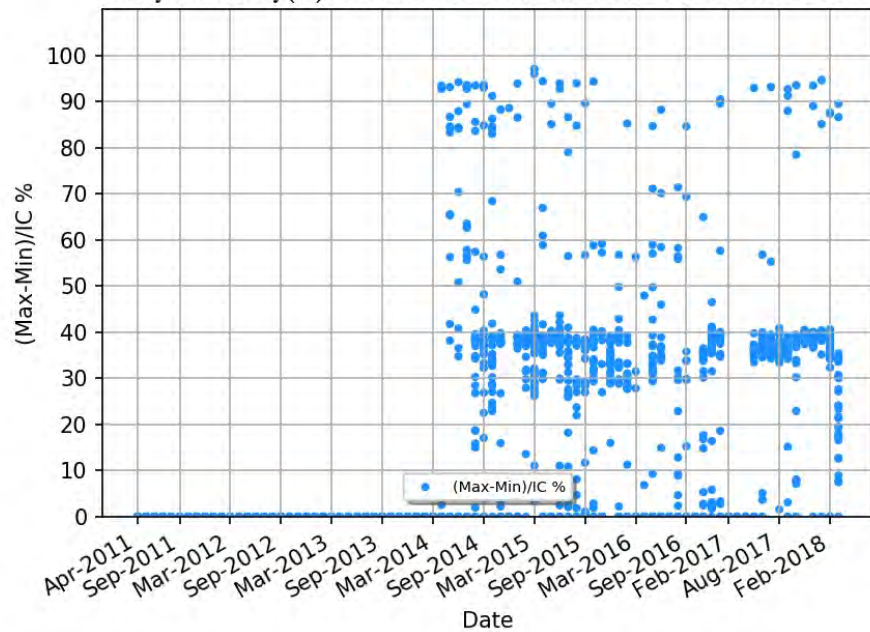
Daily Max Generation : MAHATMA GANDHI TPS UNIT - 2 660 MW



Daily Min Generation : MAHATMA GANDHI TPS UNIT - 2 660 MW



Daily Flexibility(%) : MAHATMA GANDHI TPS UNIT - 2 660 MW

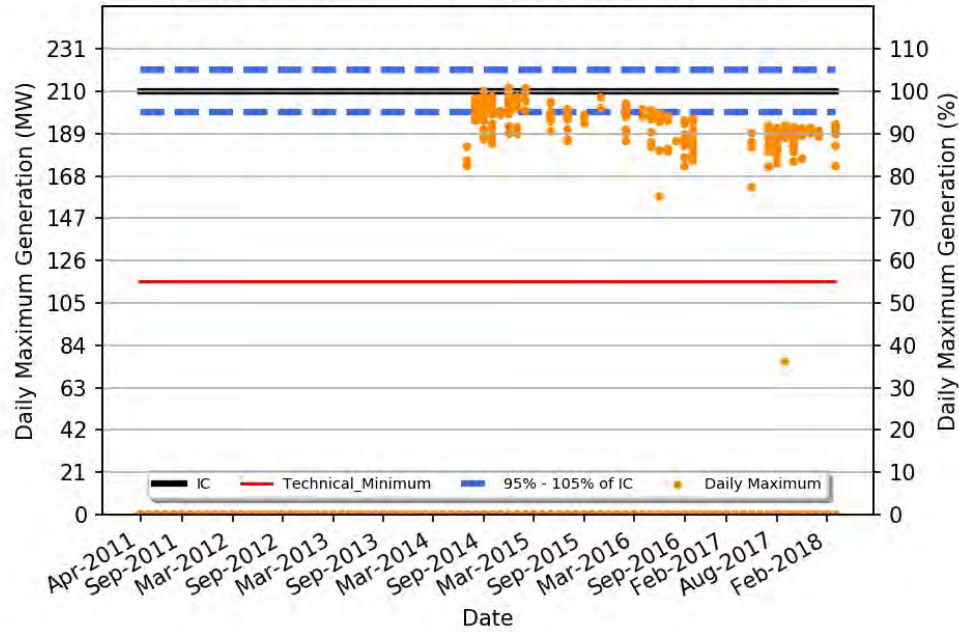


**MAHATMA GANDHI TPS UNIT - 2 660 MW**

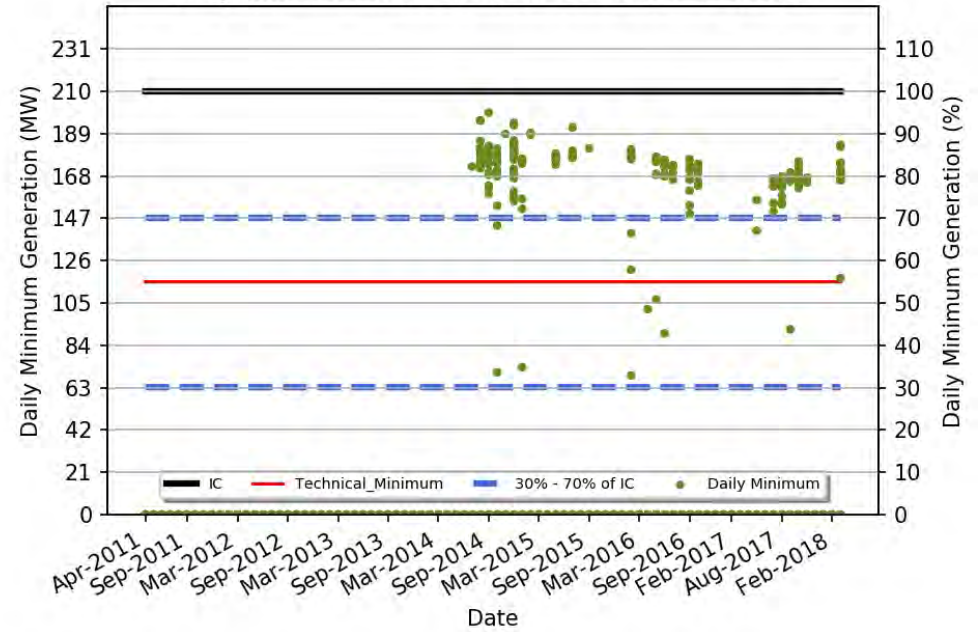
<b>Region</b>	<b>: Northern Region</b>
<b>Number of Days Considered</b>	<b>: 887</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 3 (%)</b>
(% of total days in operation)	
<b>No. Of Days Min Generation Achieved</b>	<b>: 82 (%)</b>
(% of total days in operation)	
<b>Average Flexibility</b>	<b>: 35 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 578</b>
<b>Daily Average (MW)</b>	<b>: 456</b>
<b>Average Daily Min (MW)</b>	<b>: 345</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 87</b>
<b>Daily Average/IC (%)</b>	<b>: 69</b>
<b>Average Daily Min/IC (%)</b>	<b>: 52</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 357</b>



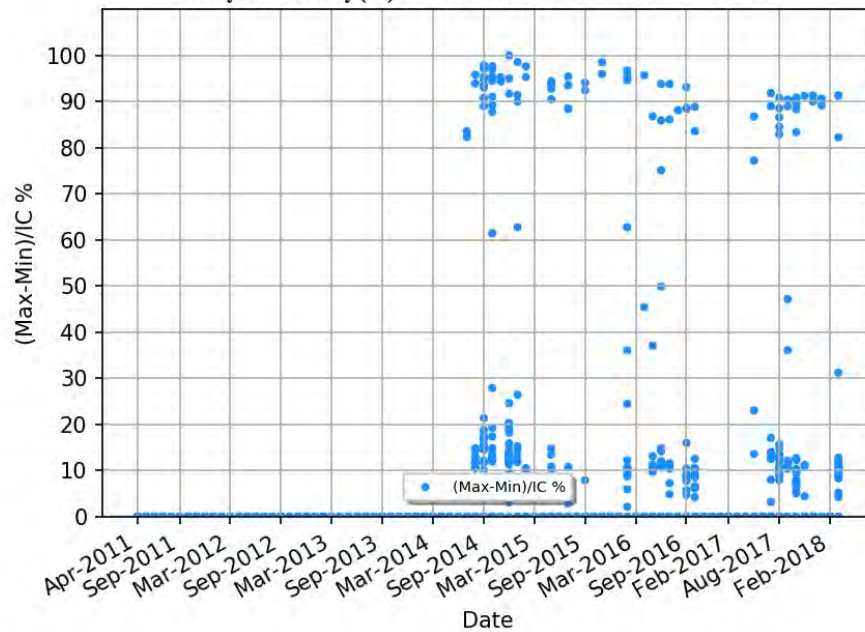
Daily Max Generation : PANIPAT TPS UNIT - 6 210 MW



Daily Min Generation : PANIPAT TPS UNIT - 6 210 MW



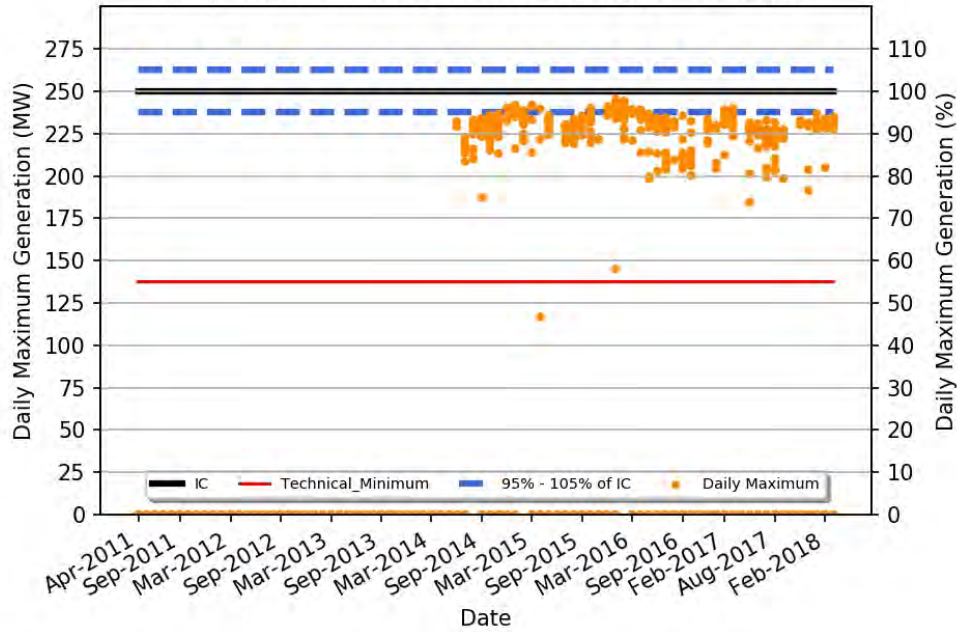
Daily Flexibility(%) : PANIPAT TPS UNIT - 6 210 MW



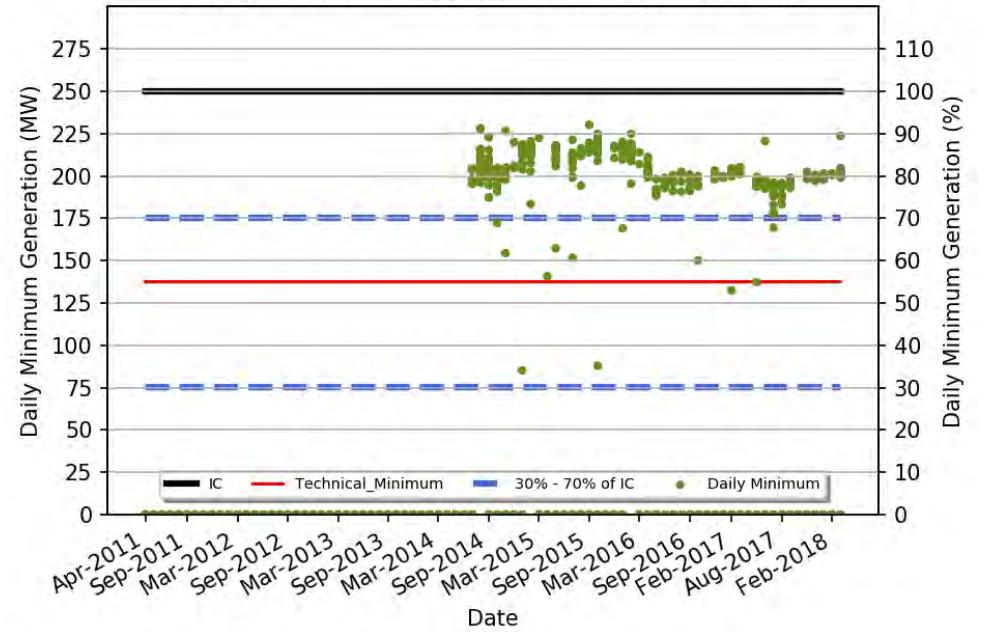
**PANIPAT TPS UNIT - 6 210 MW**

<b>Region</b>	<b>: Northern Region</b>
<b>Number of Days Considered</b>	<b>: 276</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 34 (%)</b>
<i>(% of total days in operation)</i>	
<b>No. Of Days Min Generation Achieved</b>	<b>: 4 (%)</b>
<i>(% of total days in operation)</i>	
<b>Average Flexibility</b>	<b>: 31 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 195</b>
<b>Daily Average (MW)</b>	<b>: 172</b>
<b>Average Daily Min (MW)</b>	<b>: 129</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 92</b>
<b>Daily Average/IC (%)</b>	<b>: 81</b>
<b>Average Daily Min/IC (%)</b>	<b>: 61</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 389</b>

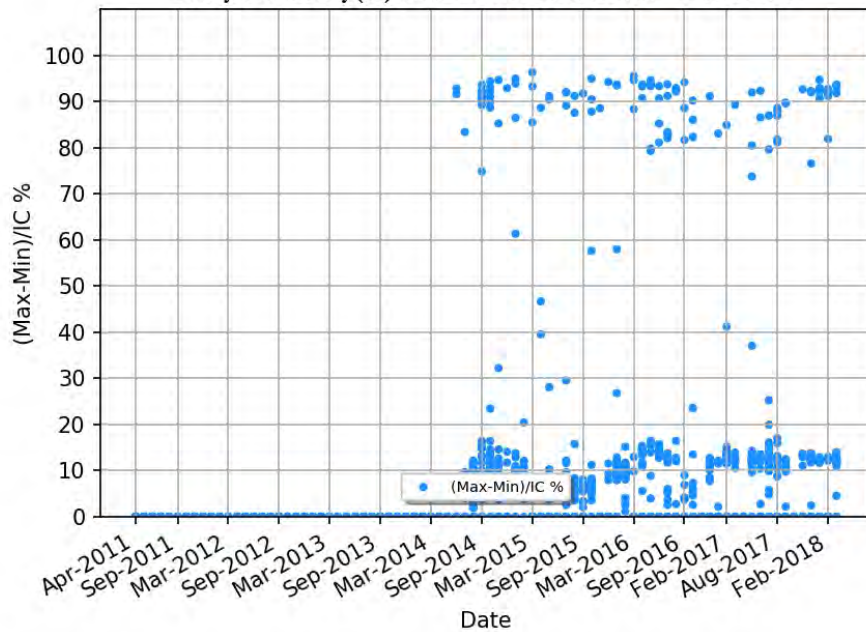
Daily Max Generation : PANIPAT TPS UNIT - 7 250 MW



Daily Min Generation : PANIPAT TPS UNIT - 7 250 MW



Daily Flexibility(%) : PANIPAT TPS UNIT - 7 250 MW

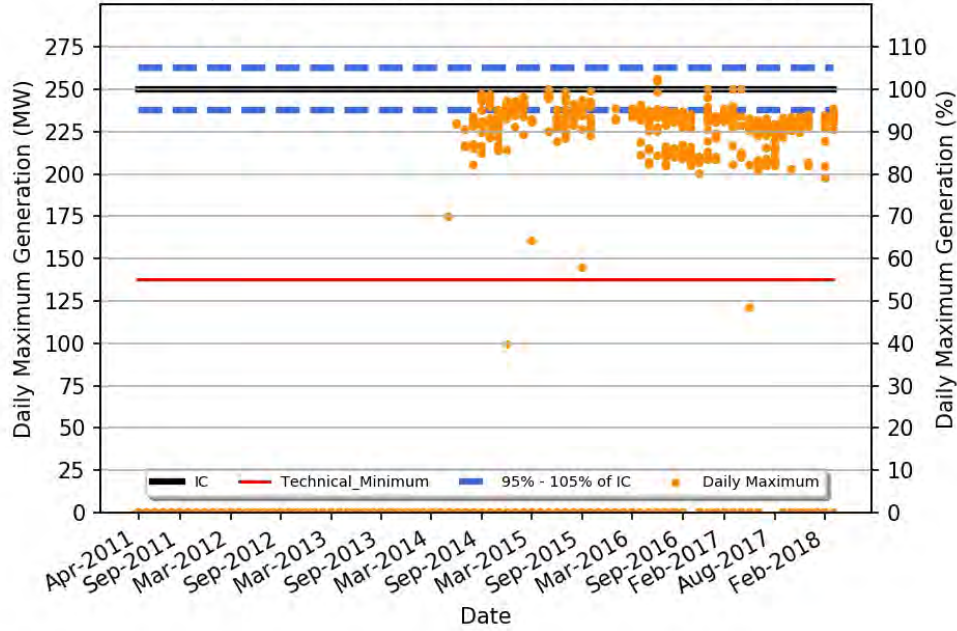


**PANIPAT TPS UNIT - 7 250 MW**

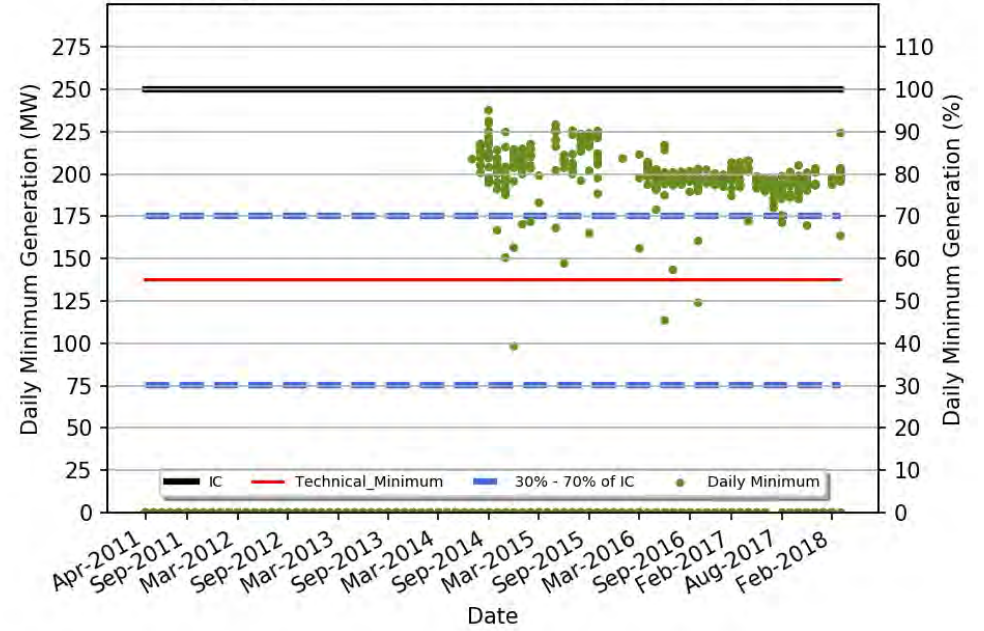
<b>Region</b>	<b>: Northern Region</b>
<b>Number of Days Considered</b>	<b>: 586</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 14 (%)</b>
<i>(% of total days in operation)</i>	
<b>No. Of Days Min Generation Achieved</b>	<b>: 2 (%)</b>
<i>(% of total days in operation)</i>	
<b>Average Flexibility</b>	<b>: 20 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 229</b>
<b>Daily Average (MW)</b>	<b>: 208</b>
<b>Average Daily Min (MW)</b>	<b>: 178</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 91</b>
<b>Daily Average/IC (%)</b>	<b>: 83</b>
<b>Average Daily Min/IC (%)</b>	<b>: 71</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 368</b>



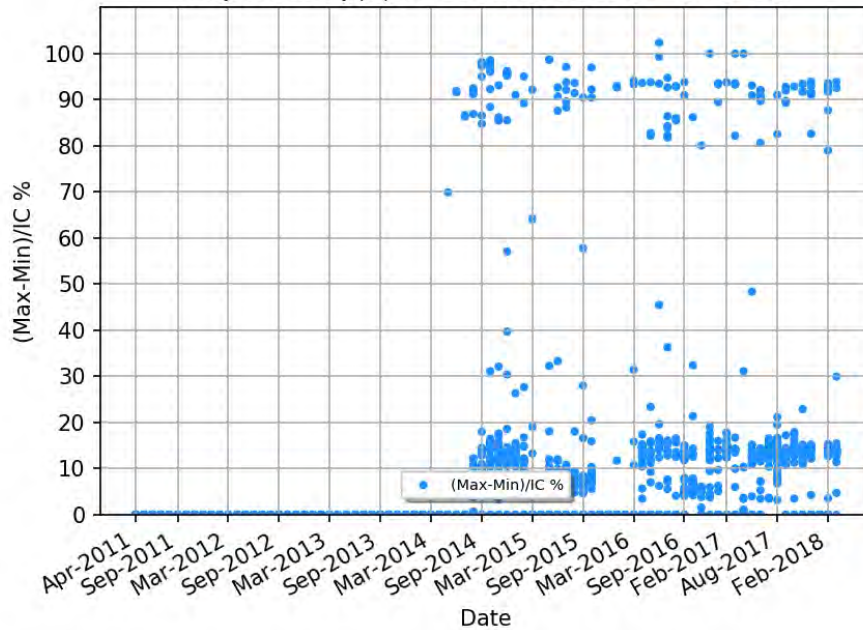
Daily Max Generation : PANIPAT TPS UNIT - 8 250 MW



Daily Min Generation : PANIPAT TPS UNIT - 8 250 MW



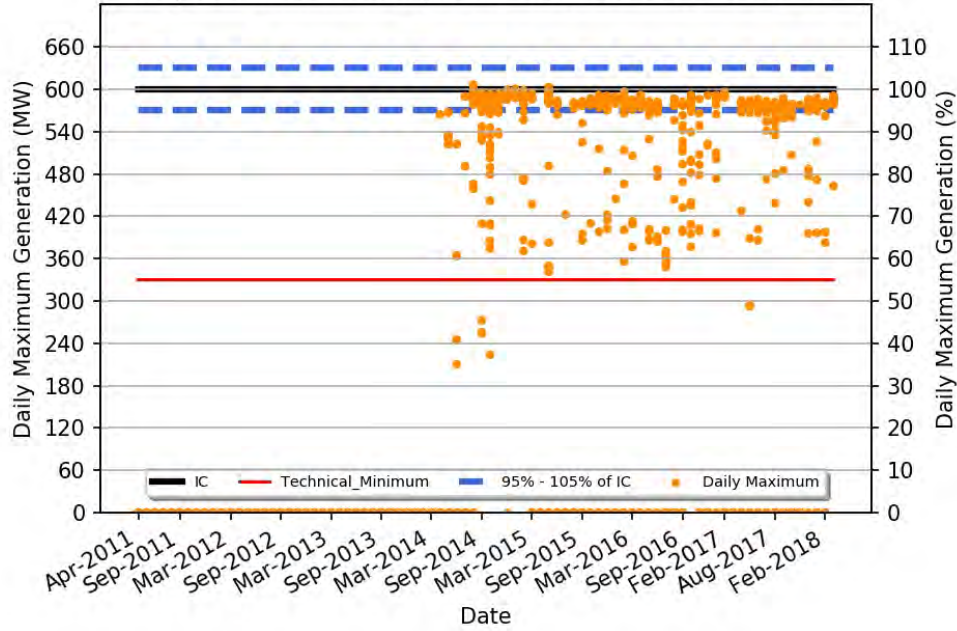
Daily Flexibility(%) : PANIPAT TPS UNIT - 8 250 MW



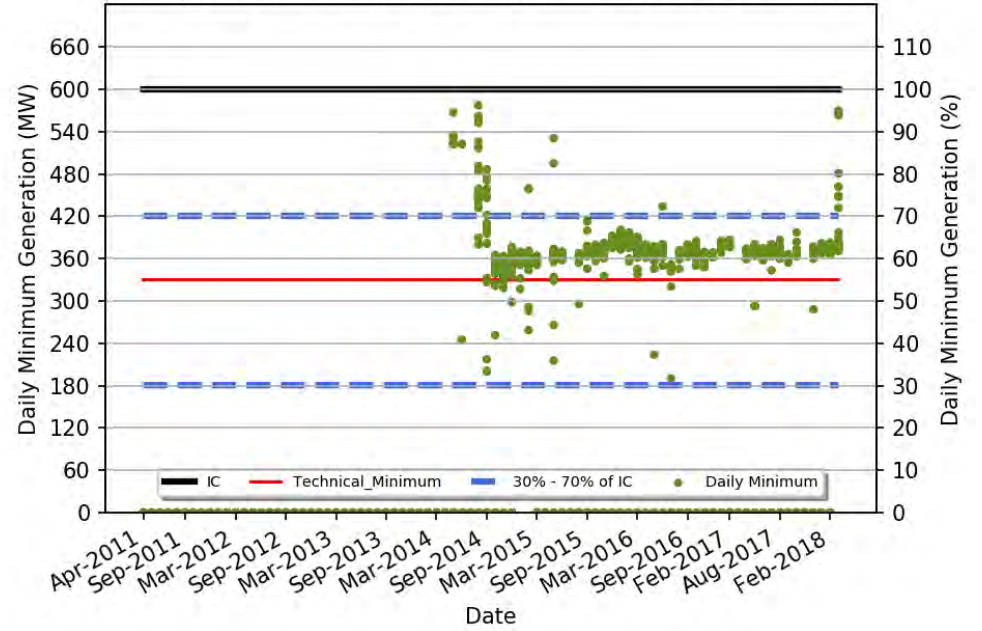
PANIPAT TPS UNIT - 8 250 MW	
Region	: Northern Region
Number of Days Considered	: 708
No. Of Days Max Generation Achieved	: 21 (%)
(% of total days in operation)	
No. Of Days Min Generation Achieved	: 2 (%)
(% of total days in operation)	
Average Flexibility	: 22 (%)
Average Daily Max (MW)	: 230
Daily Average (MW)	: 208
Average Daily Min (MW)	: 174
Average Daily Max/ IC (%)	: 92
Daily Average/IC (%)	: 83
Average Daily Min/IC (%)	: 69
Variable Charge (Paisa/kWh)	: 368



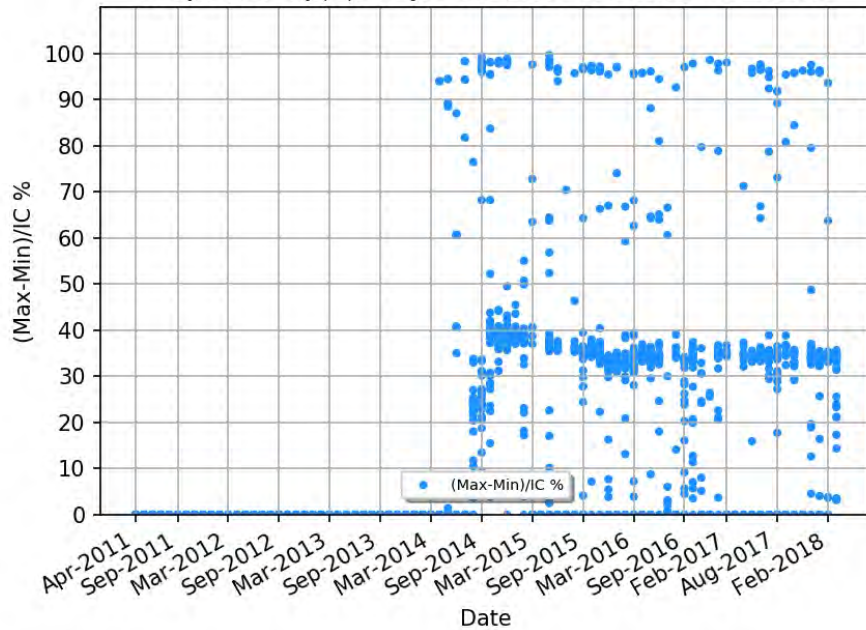
Daily Max Generation : RAJIV GANDHI TPS UNIT - 1 600 MW



Daily Min Generation : RAJIV GANDHI TPS UNIT - 1 600 MW



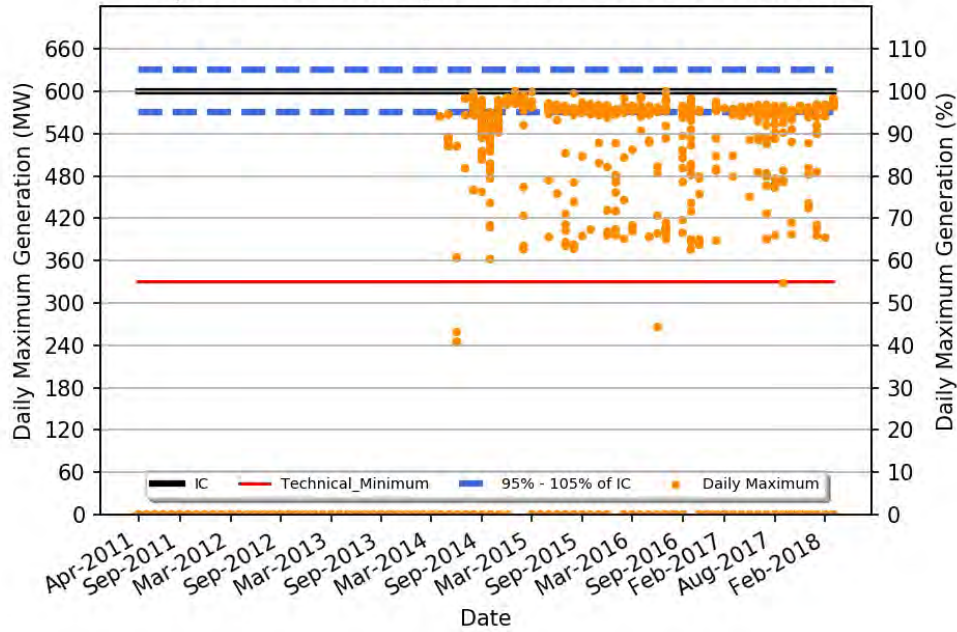
Daily Flexibility(%) : RAJIV GANDHI TPS UNIT - 1 600 MW



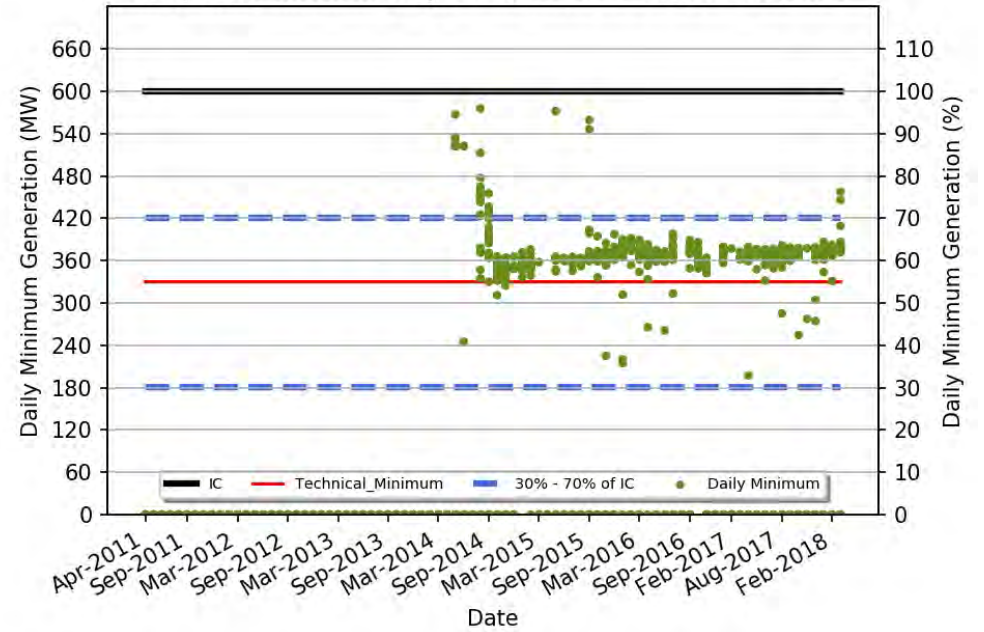
**RAJIV GANDHI TPS UNIT - 1 600 MW**

<b>Region</b>	<b>: Northern Region</b>
<b>Number of Days Considered</b>	<b>: 853</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 78 (%)</b>
(% of total days in operation)	
<b>No. Of Days Min Generation Achieved</b>	<b>: 82 (%)</b>
(% of total days in operation)	
<b>Average Flexibility</b>	<b>: 36 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 558</b>
<b>Daily Average (MW)</b>	<b>: 436</b>
<b>Average Daily Min (MW)</b>	<b>: 340</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 93</b>
<b>Daily Average/IC (%)</b>	<b>: 72</b>
<b>Average Daily Min/IC (%)</b>	<b>: 56</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 369</b>

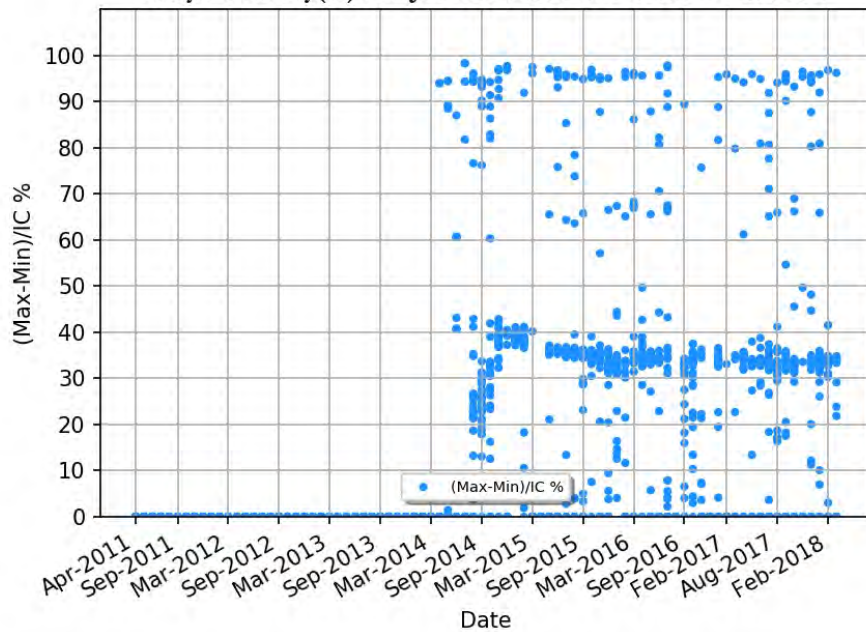
Daily Max Generation : RAJIV GANDHI TPS UNIT - 2 600 MW



Daily Min Generation : RAJIV GANDHI TPS UNIT - 2 600 MW



Daily Flexibility(%) : RAJIV GANDHI TPS UNIT - 2 600 MW

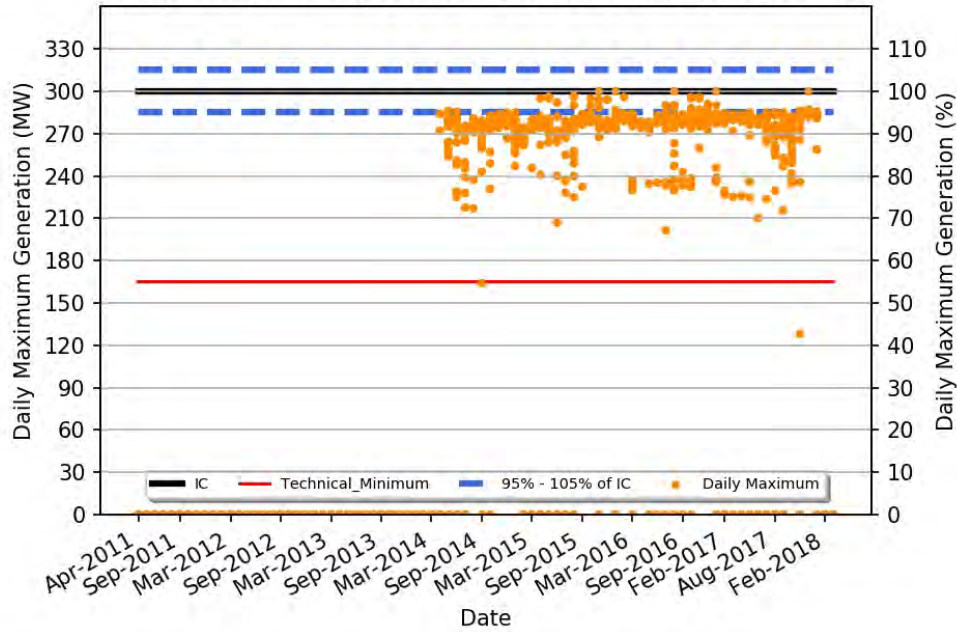


### RAJIV GANDHI TPS UNIT - 2 600 MW

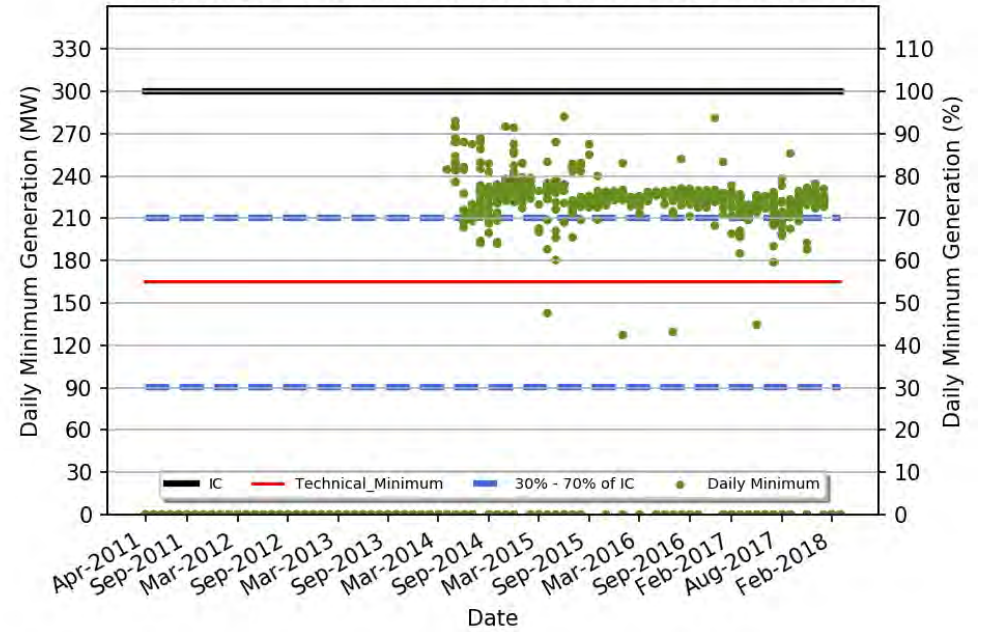
Region	: Northern Region
Number of Days Considered	: 811
No. Of Days Max Generation Achieved	: 64 (%)
(% of total days in operation)	
No. Of Days Min Generation Achieved	: 82 (%)
(% of total days in operation)	
Average Flexibility	: 37 (%)
Average Daily Max (MW)	: 552
Daily Average (MW)	: 426
Average Daily Min (MW)	: 329
Average Daily Max/ IC (%)	: 92
Daily Average/IC (%)	: 71
Average Daily Min/IC (%)	: 54
Variable Charge (Paisa/kWh)	: 369



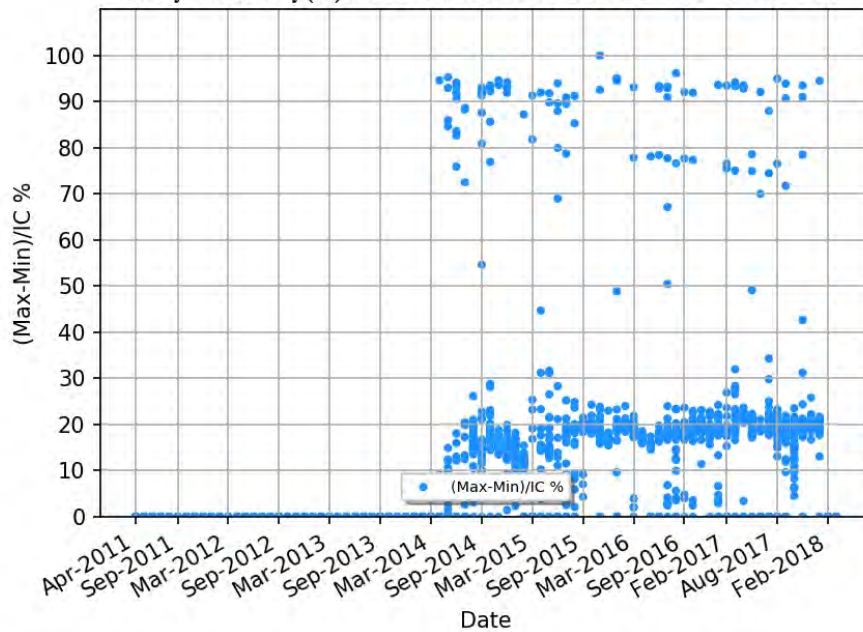
Daily Max Generation : YAMUNA NAGAR TPS UNIT - 1 300 MW



Daily Min Generation : YAMUNA NAGAR TPS UNIT - 1 300 MW



Daily Flexibility(%) : YAMUNA NAGAR TPS UNIT - 1 300 MW

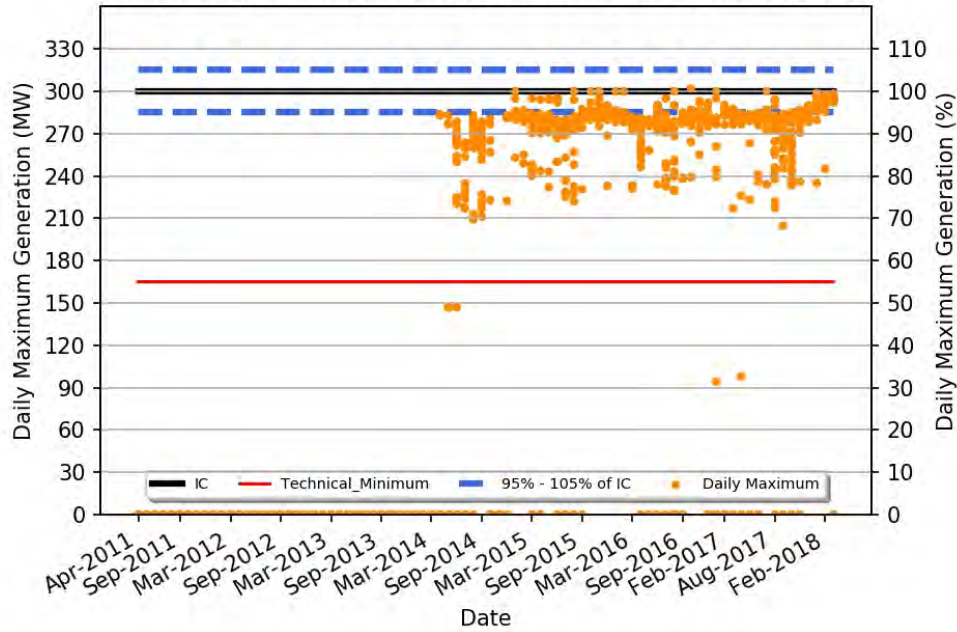


**YAMUNA NAGAR TPS UNIT - 1 300 MW**

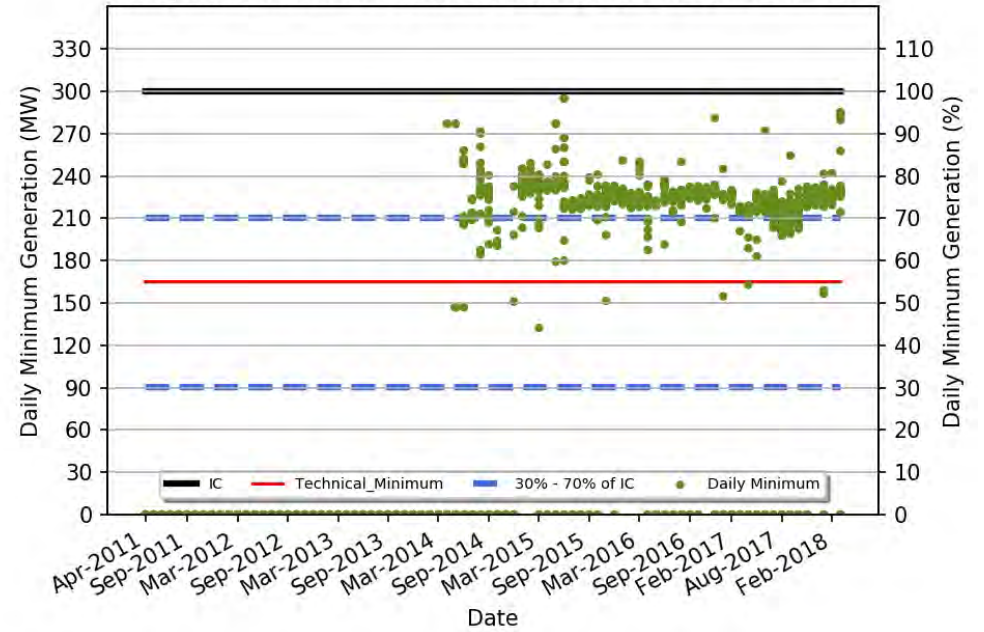
<b>Region</b>	<b>: Northern Region</b>
<b>Number of Days Considered</b>	<b>: 1090</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 6 (%)</b>
(% of total days in operation)	
<b>No. Of Days Min Generation Achieved</b>	<b>: 5 (%)</b>
(% of total days in operation)	
<b>Average Flexibility</b>	<b>: 21 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 275</b>
<b>Daily Average (MW)</b>	<b>: 244</b>
<b>Average Daily Min (MW)</b>	<b>: 212</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 91</b>
<b>Daily Average/IC (%)</b>	<b>: 81</b>
<b>Average Daily Min/IC (%)</b>	<b>: 70</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 363</b>



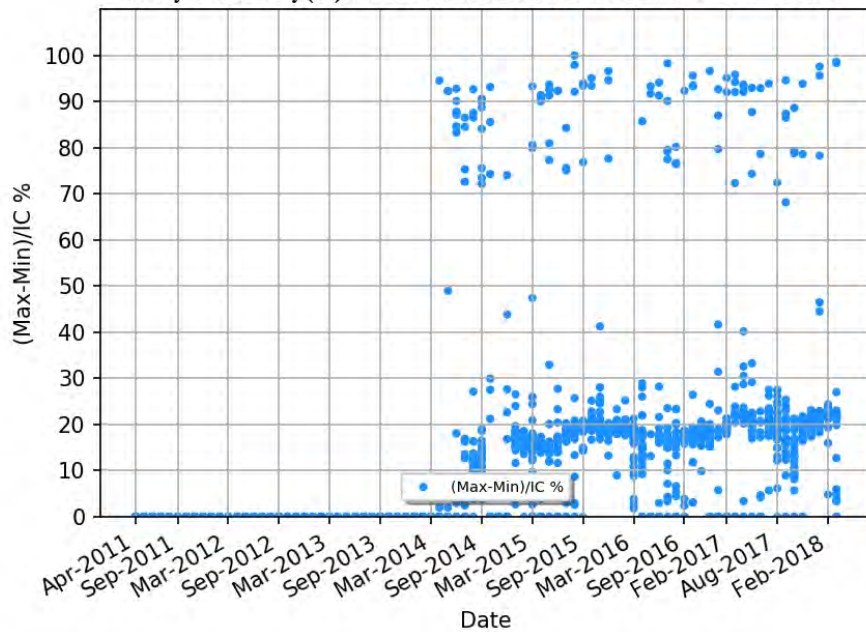
Daily Max Generation : YAMUNA NAGAR TPS UNIT - 2 300 MW



Daily Min Generation : YAMUNA NAGAR TPS UNIT - 2 300 MW



Daily Flexibility(%) : YAMUNA NAGAR TPS UNIT - 2 300 MW

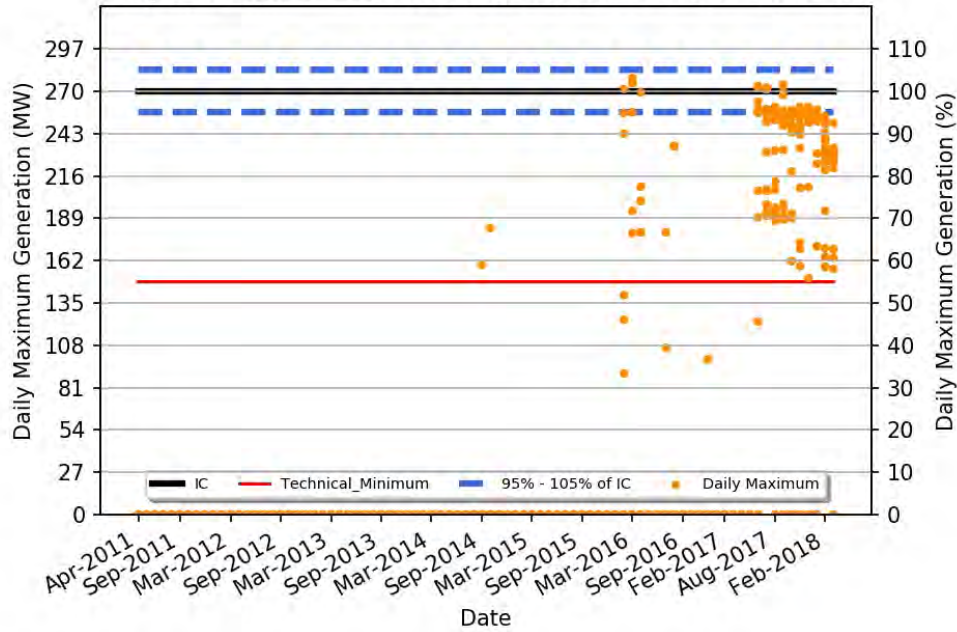


**YAMUNA NAGAR TPS UNIT - 2 300 MW**

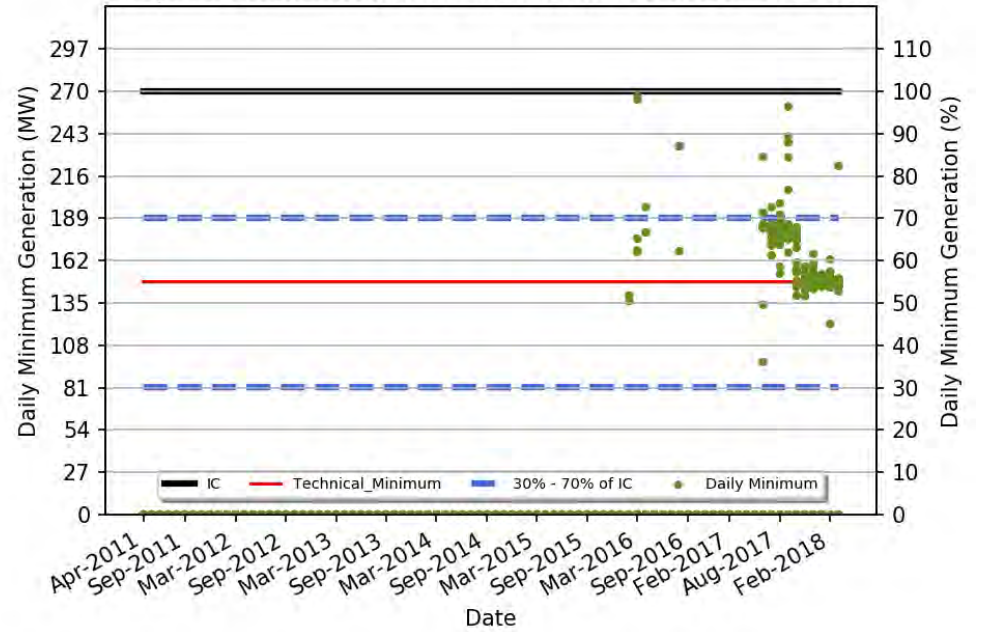
<b>Region</b>	<b>: Northern Region</b>
<b>Number of Days Considered</b>	<b>: 1093</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 19 (%)</b>
<b>(% of total days in operation)</b>	
<b>No. Of Days Min Generation Achieved</b>	<b>: 8 (%)</b>
<b>(% of total days in operation)</b>	
<b>Average Flexibility</b>	<b>: 22 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 275</b>
<b>Daily Average (MW)</b>	<b>: 242</b>
<b>Average Daily Min (MW)</b>	<b>: 208</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 91</b>
<b>Daily Average/IC (%)</b>	<b>: 80</b>
<b>Average Daily Min/IC (%)</b>	<b>: 69</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 363</b>

# PUNJAB

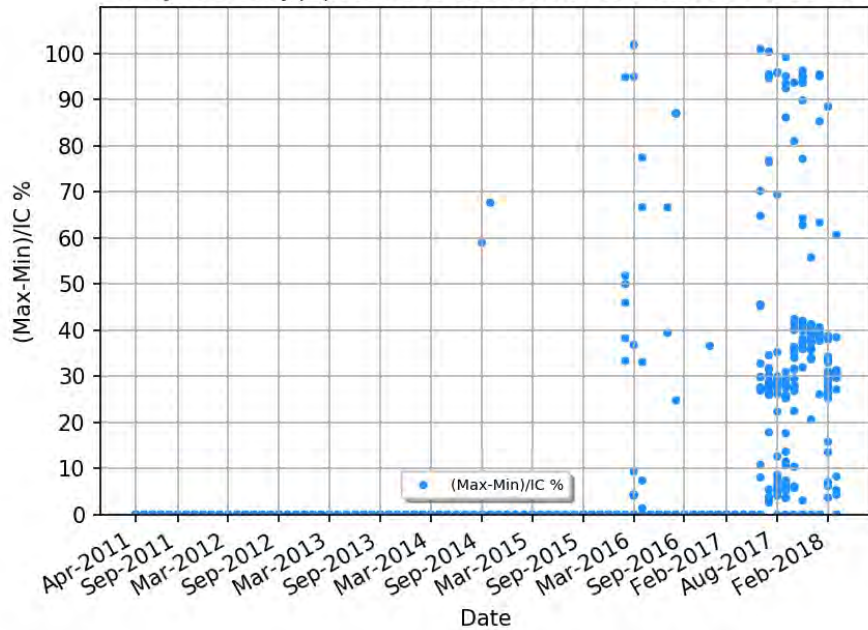
Daily Max Generation : GOINDWAL SAHIB TPP UNIT - 1 270 MW



Daily Min Generation : GOINDWAL SAHIB TPP UNIT - 1 270 MW



Daily Flexibility(%): GOINDWAL SAHIB TPP UNIT - 1 270 MW

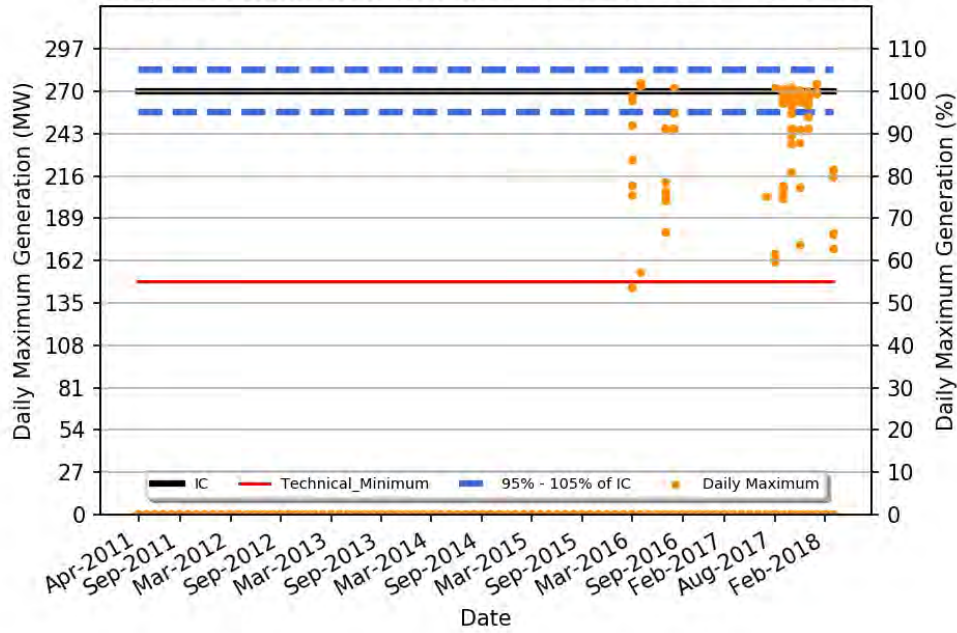


**GOINDWAL SAHIB TPP UNIT - 1 270 MW**

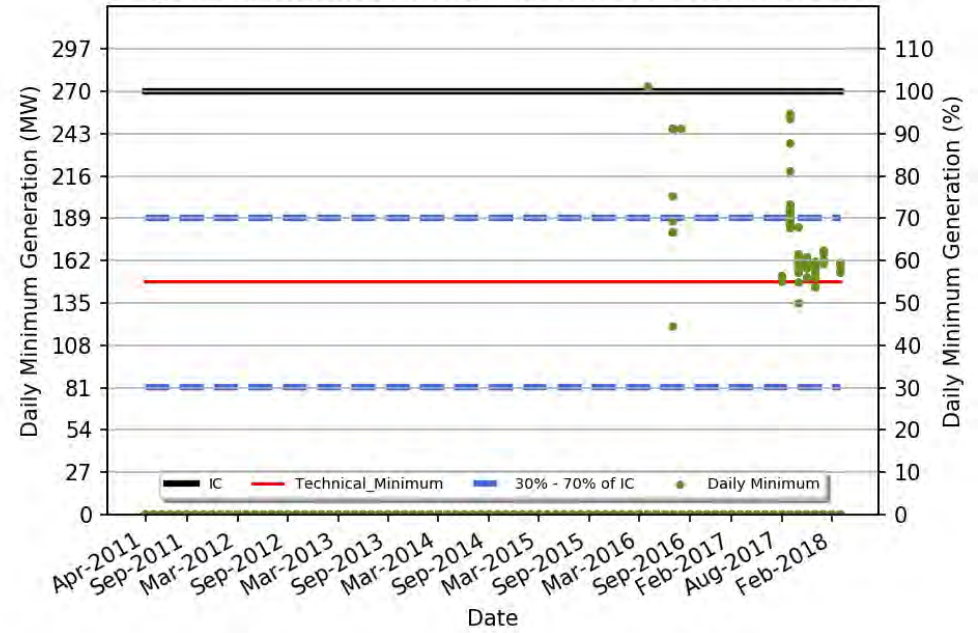
<b>Region</b>	<b>: Northern Region</b>
<b>Number of Days Considered</b>	<b>: 250</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 31 (%)</b>
(% of total days in operation)	
<b>No. Of Days Min Generation Achieved</b>	<b>: 74 (%)</b>
(% of total days in operation)	
<b>Average Flexibility</b>	<b>: 46 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 267</b>
<b>Daily Average (MW)</b>	<b>: 195</b>
<b>Average Daily Min (MW)</b>	<b>: 141</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 99</b>
<b>Daily Average/IC (%)</b>	<b>: 72</b>
<b>Average Daily Min/IC (%)</b>	<b>: 52</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 294</b>



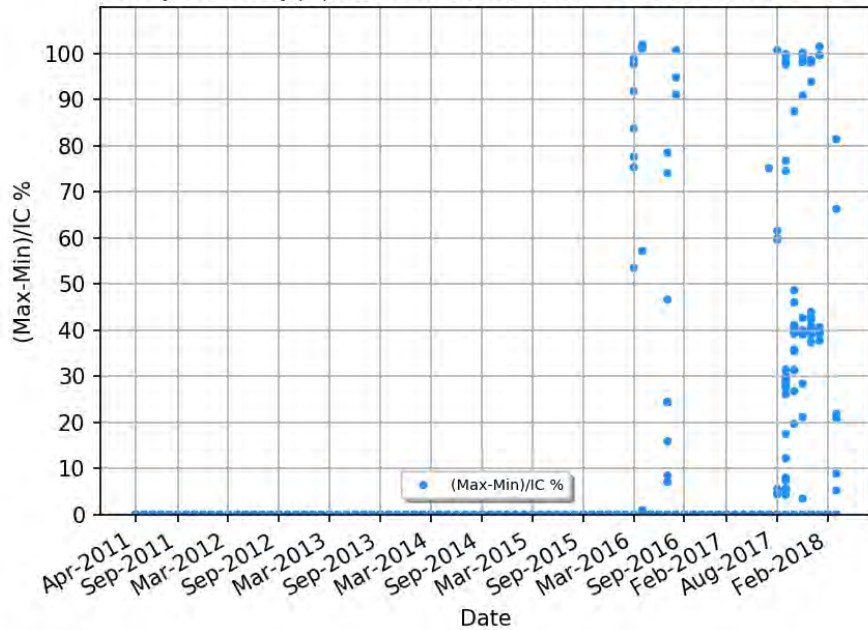
Daily Max Generation : GOINDWAL SAHIB TPP UNIT - 2 270 MW



Daily Min Generation : GOINDWAL SAHIB TPP UNIT - 2 270 MW



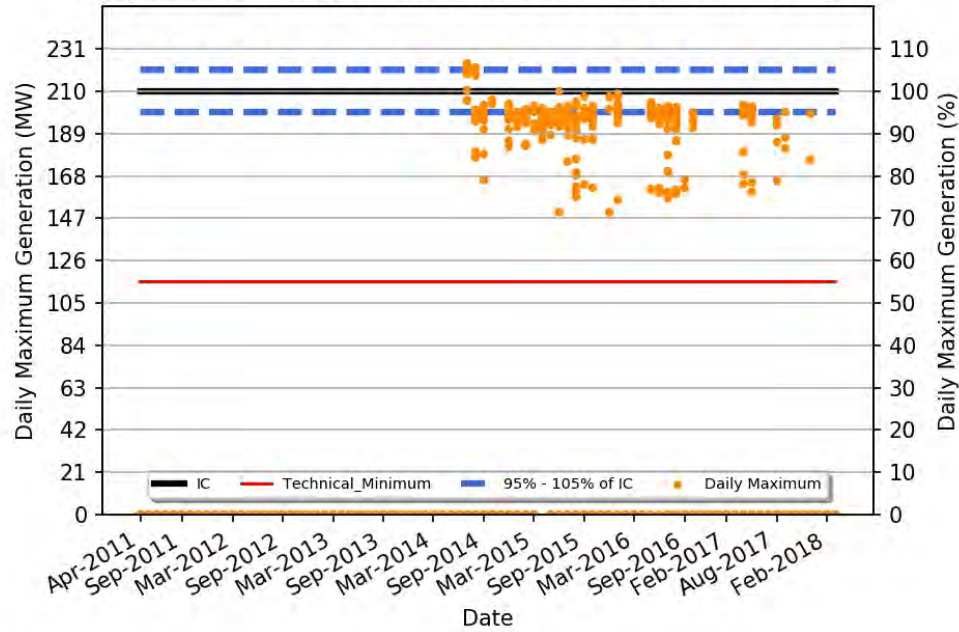
Daily Flexibility(%) : GOINDWAL SAHIB TPP UNIT - 2 270 MW



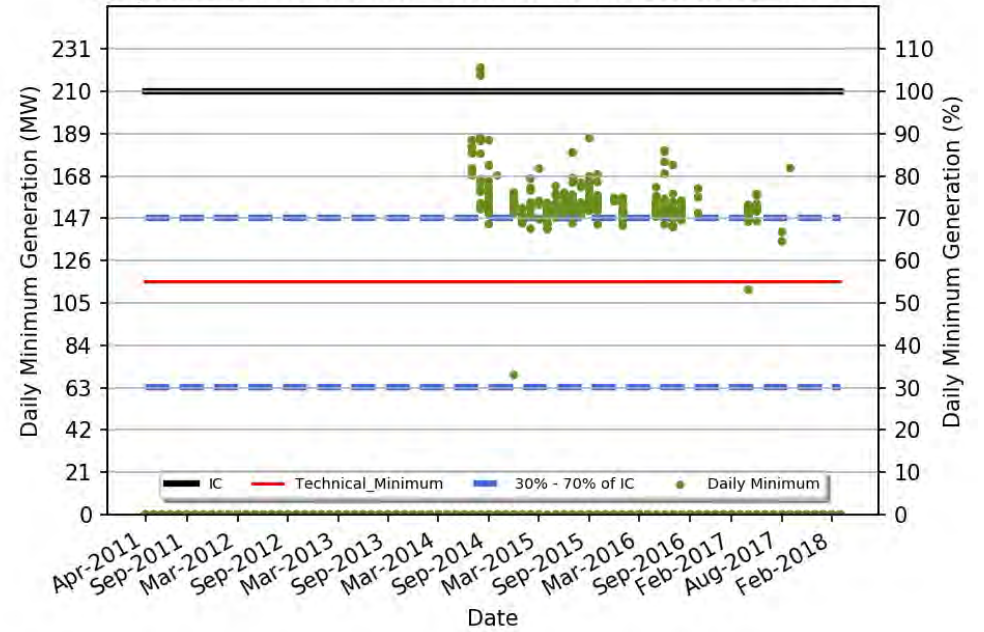
**GOINDWAL SAHIB TPP UNIT - 2 270 MW**

<b>Region</b>	<b>: Northern Region</b>
<b>Number of Days Considered</b>	<b>: 116</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 61 (%)</b>
(% of total days in operation)	
<b>No. Of Days Min Generation Achieved</b>	<b>: 52 (%)</b>
(% of total days in operation)	
<b>Average Flexibility</b>	<b>: 43 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 248</b>
<b>Daily Average (MW)</b>	<b>: 195</b>
<b>Average Daily Min (MW)</b>	<b>: 131</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 92</b>
<b>Daily Average/IC (%)</b>	<b>: 72</b>
<b>Average Daily Min/IC (%)</b>	<b>: 48</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 294</b>

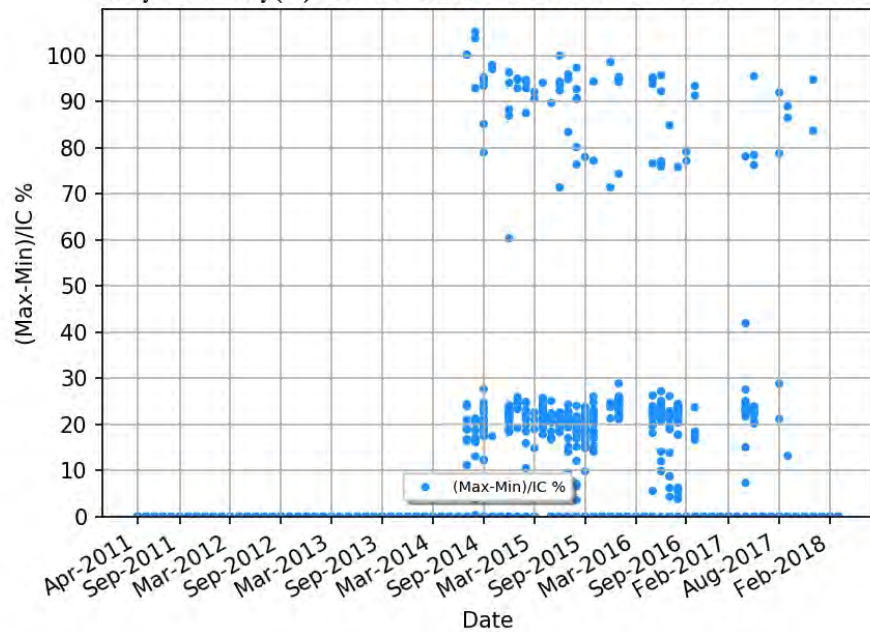
Daily Max Generation : GURU GOBIND SINGH TPS UNIT - 1 210 MW



Daily Min Generation : GURU GOBIND SINGH TPS UNIT - 1 210 MW



Daily Flexibility(%) : GURU GOBIND SINGH TPS UNIT - 1 210 MW

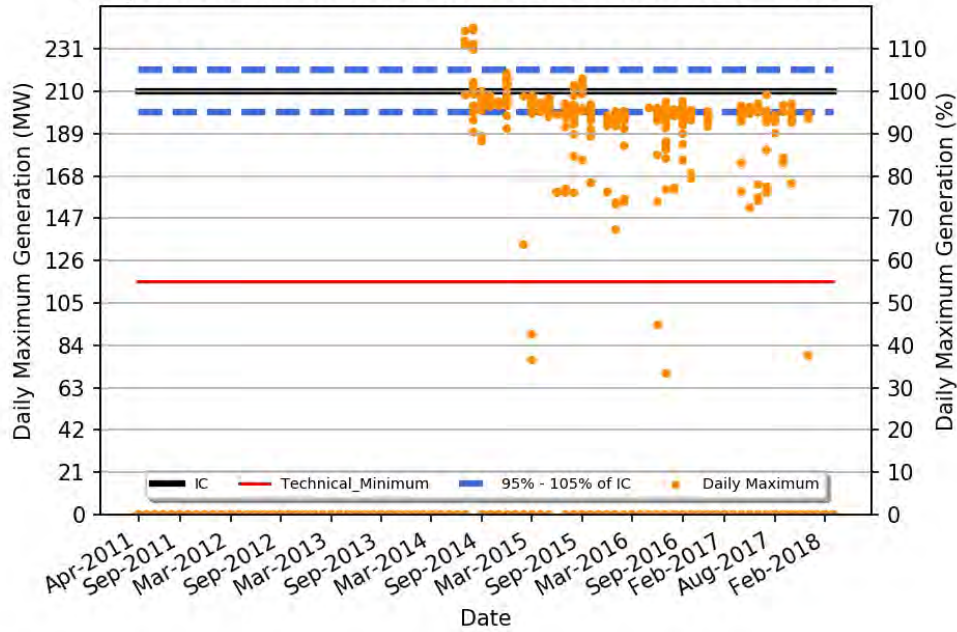


**GURU GOBIND SINGH TPS UNIT - 1 210 MW**

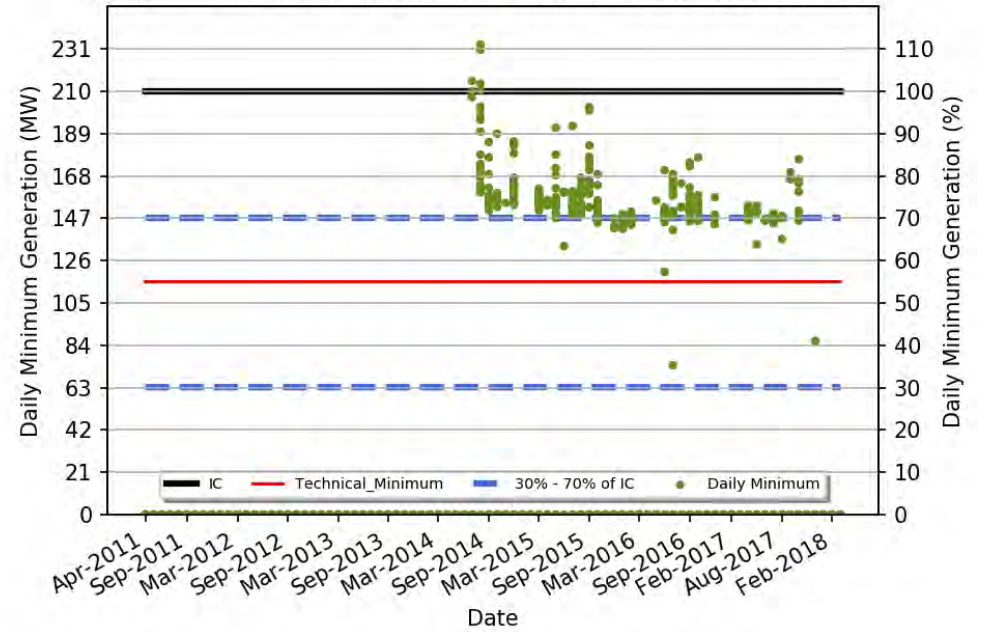
<b>Region</b>	<b>: Northern Region</b>
<b>Number of Days Considered</b>	<b>: 412</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 37 (%)</b>
(% of total days in operation)	
<b>No. Of Days Min Generation Achieved</b>	<b>: 7 (%)</b>
(% of total days in operation)	
<b>Average Flexibility</b>	<b>: 30 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 197</b>
<b>Daily Average (MW)</b>	<b>: 167</b>
<b>Average Daily Min (MW)</b>	<b>: 133</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 93</b>
<b>Daily Average/IC (%)</b>	<b>: 79</b>
<b>Average Daily Min/IC (%)</b>	<b>: 63</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 372</b>



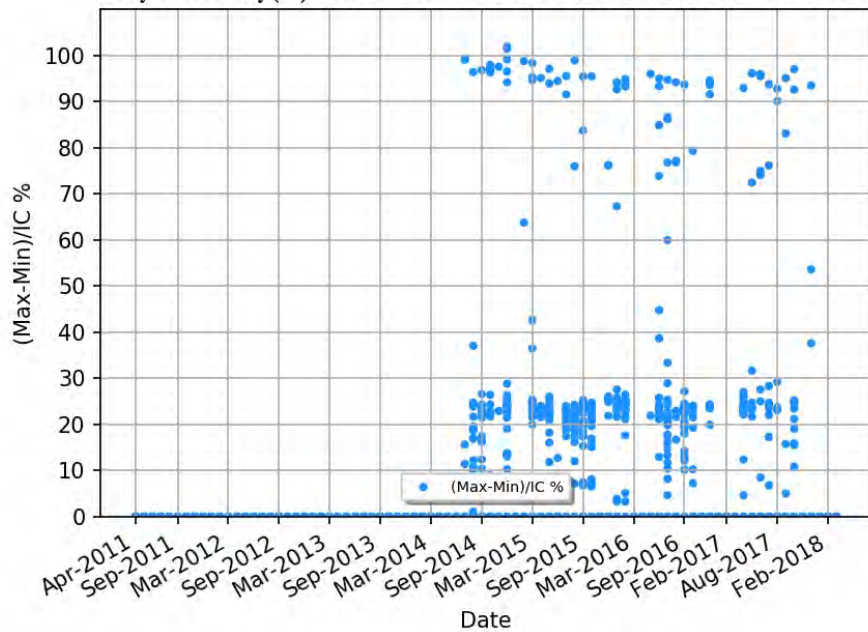
Daily Max Generation : GURU GOBIND SINGH TPS UNIT - 2 210 MW



Daily Min Generation : GURU GOBIND SINGH TPS UNIT - 2 210 MW



Daily Flexibility(%) : GURU GOBIND SINGH TPS UNIT - 2 210 MW

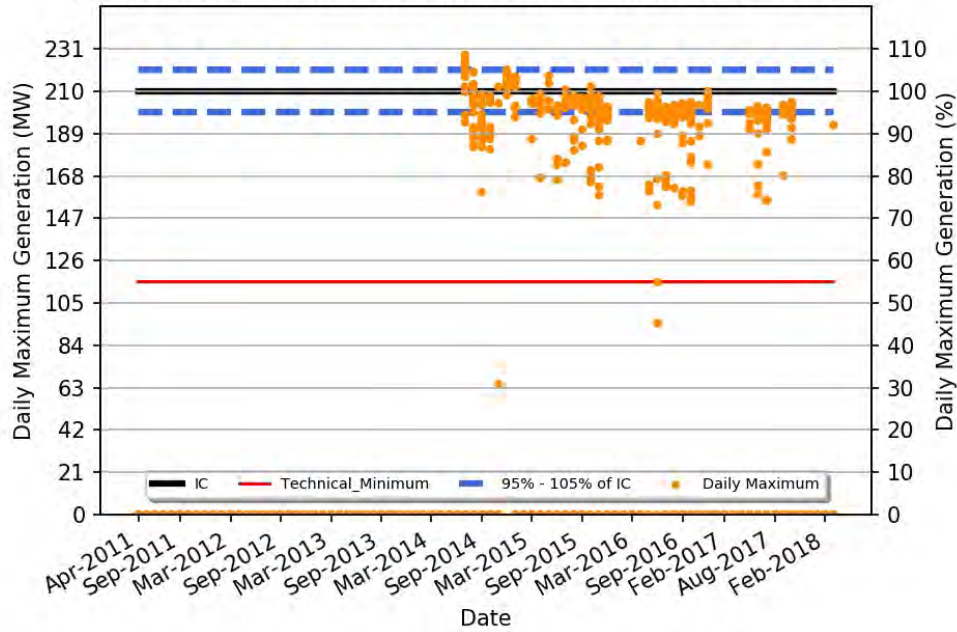


**GURU GOBIND SINGH TPS UNIT - 2 210 MW**

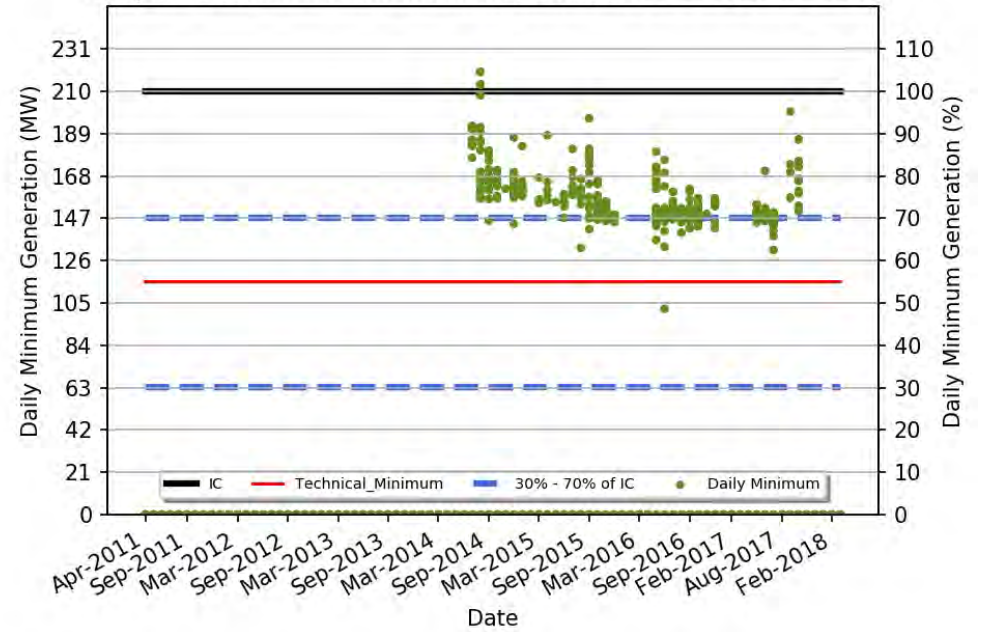
<b>Region</b>	<b>: Northern Region</b>
<b>Number of Days Considered</b>	<b>: 469</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 46 (%)</b>
(% of total days in operation)	
<b>No. Of Days Min Generation Achieved</b>	<b>: 12 (%)</b>
(% of total days in operation)	
<b>Average Flexibility</b>	<b>: 27 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 197</b>
<b>Daily Average (MW)</b>	<b>: 170</b>
<b>Average Daily Min (MW)</b>	<b>: 140</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 94</b>
<b>Daily Average/IC (%)</b>	<b>: 81</b>
<b>Average Daily Min/IC (%)</b>	<b>: 66</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 372</b>



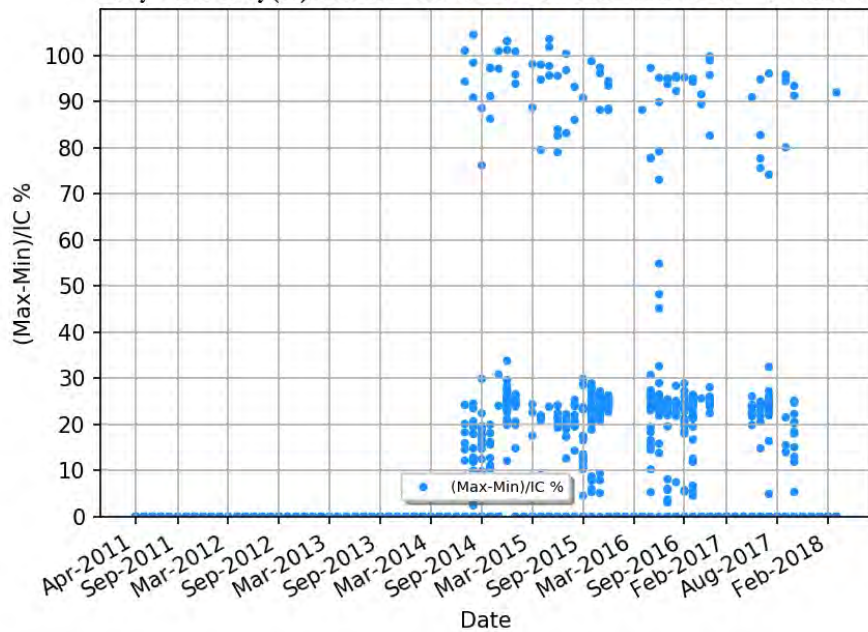
Daily Max Generation : GURU GOBIND SINGH TPS UNIT - 3 210 MW



Daily Min Generation : GURU GOBIND SINGH TPS UNIT - 3 210 MW



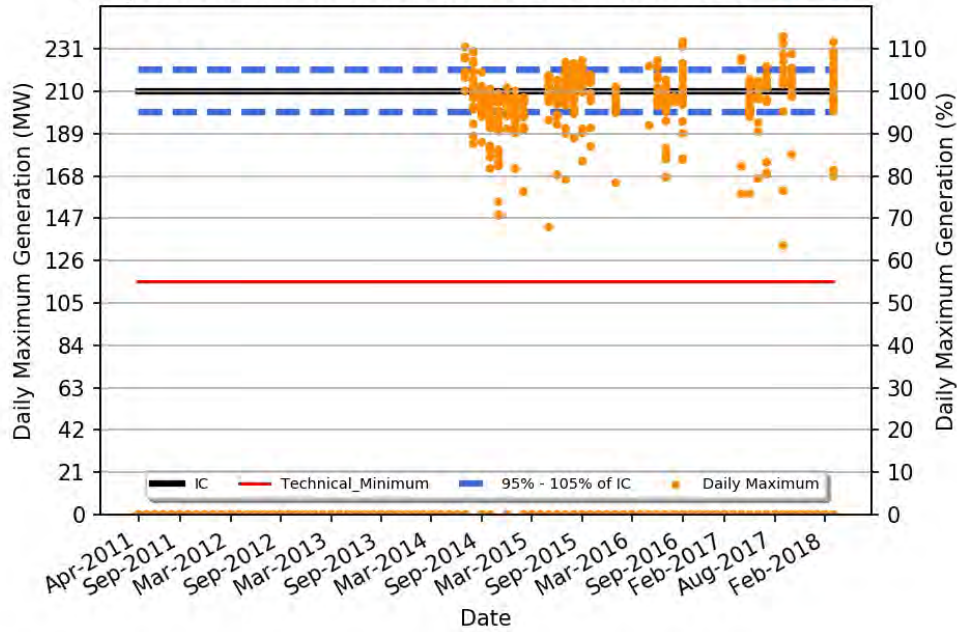
Daily Flexibility(%) : GURU GOBIND SINGH TPS UNIT - 3 210 MW



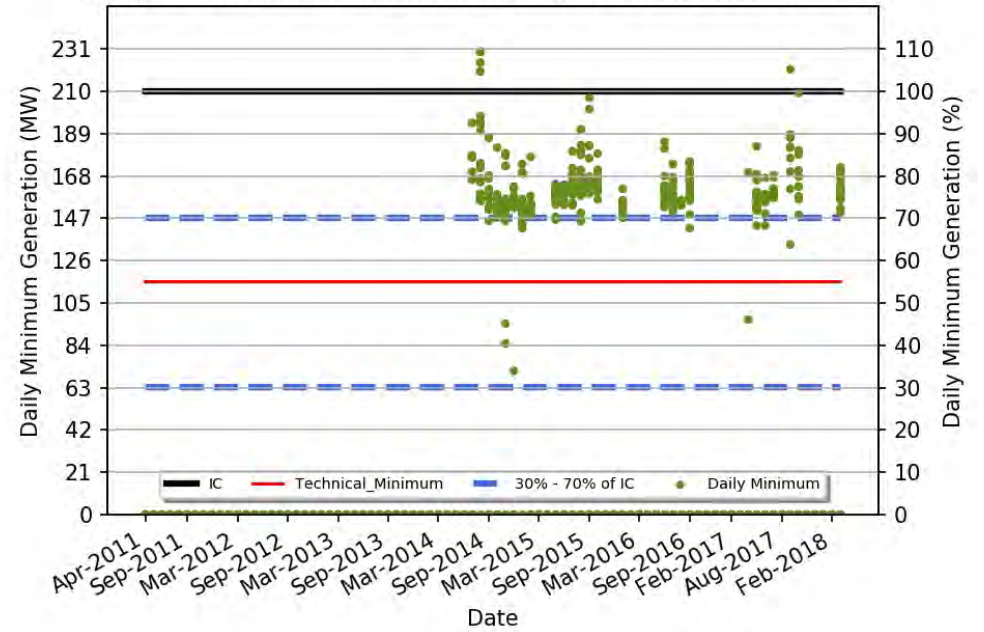
**GURU GOBIND SINGH TPS UNIT - 3 210 MW**

<b>Region</b>	<b>: Northern Region</b>
<b>Number of Days Considered</b>	<b>: 479</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 66 (%)</b>
(% of total days in operation)	
<b>No. Of Days Min Generation Achieved</b>	<b>: 12 (%)</b>
(% of total days in operation)	
<b>Average Flexibility</b>	<b>: 29 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 200</b>
<b>Daily Average (MW)</b>	<b>: 168</b>
<b>Average Daily Min (MW)</b>	<b>: 138</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 95</b>
<b>Daily Average/IC (%)</b>	<b>: 80</b>
<b>Average Daily Min/IC (%)</b>	<b>: 65</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 372</b>

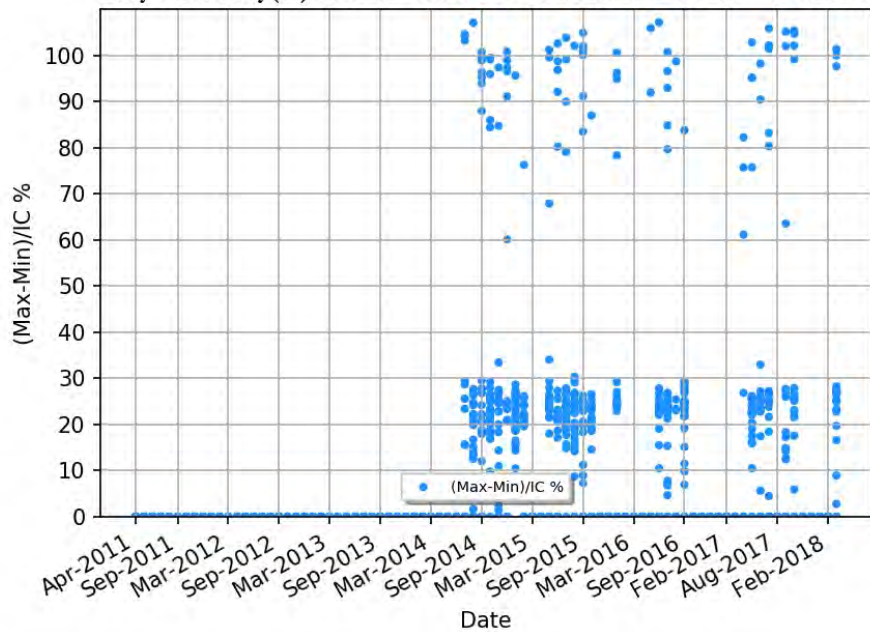
Daily Max Generation : GURU GOBIND SINGH TPS UNIT - 4 210 MW



Daily Min Generation : GURU GOBIND SINGH TPS UNIT - 4 210 MW



Daily Flexibility(%) : GURU GOBIND SINGH TPS UNIT - 4 210 MW

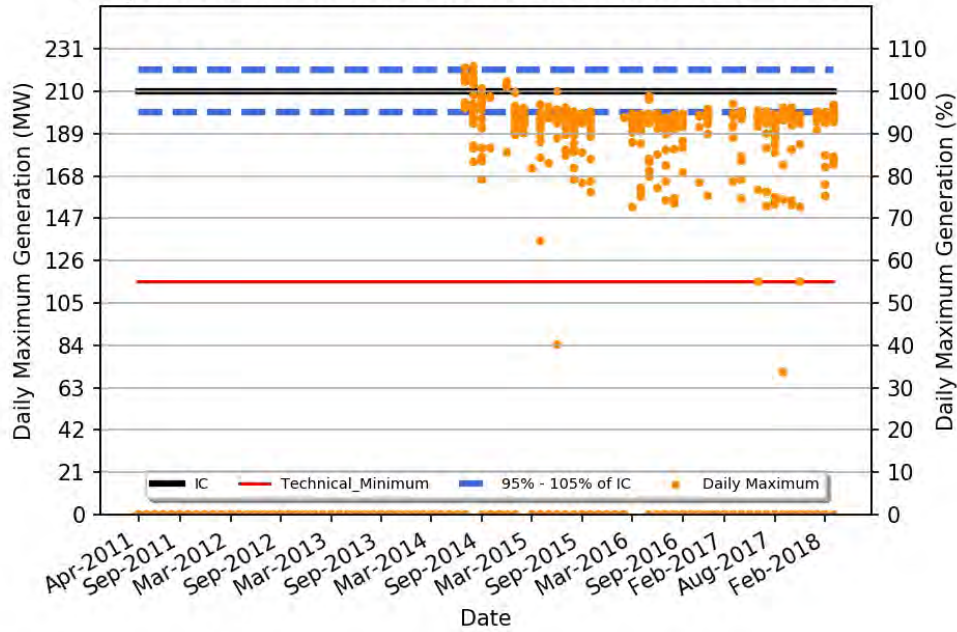


**GURU GOBIND SINGH TPS UNIT - 4 210 MW**

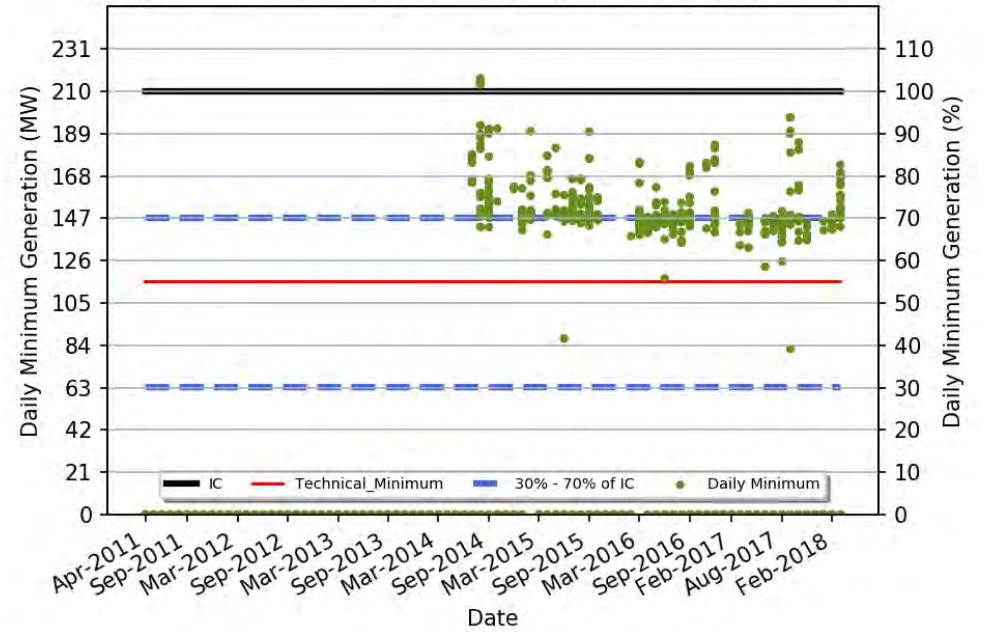
<b>Region</b>	<b>: Northern Region</b>
<b>Number of Days Considered</b>	<b>: 495</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 69 (%)</b>
(% of total days in operation)	
<b>No. Of Days Min Generation Achieved</b>	<b>: 3 (%)</b>
(% of total days in operation)	
<b>Average Flexibility</b>	<b>: 30 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 206</b>
<b>Daily Average (MW)</b>	<b>: 177</b>
<b>Average Daily Min (MW)</b>	<b>: 141</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 98</b>
<b>Daily Average/IC (%)</b>	<b>: 84</b>
<b>Average Daily Min/IC (%)</b>	<b>: 67</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 372</b>



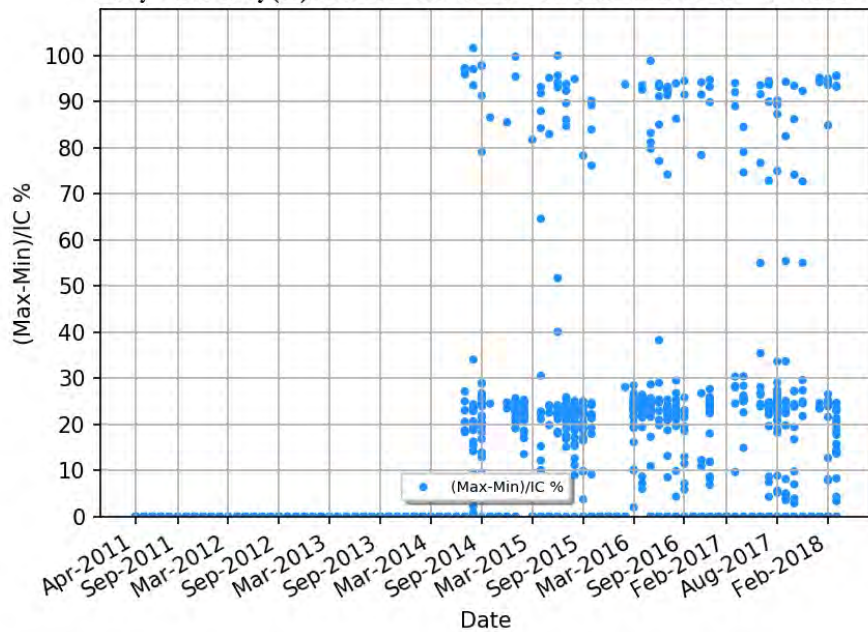
Daily Max Generation : GURU GOBIND SINGH TPS UNIT - 5 210 MW



Daily Min Generation : GURU GOBIND SINGH TPS UNIT - 5 210 MW



Daily Flexibility(%) : GURU GOBIND SINGH TPS UNIT - 5 210 MW

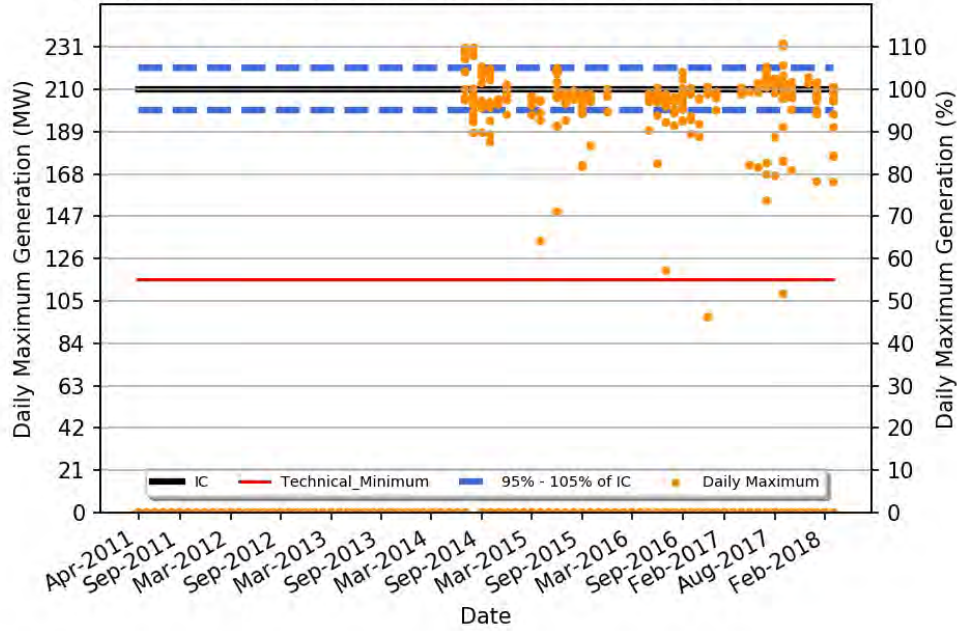


**GURU GOBIND SINGH TPS UNIT - 5 210 MW**

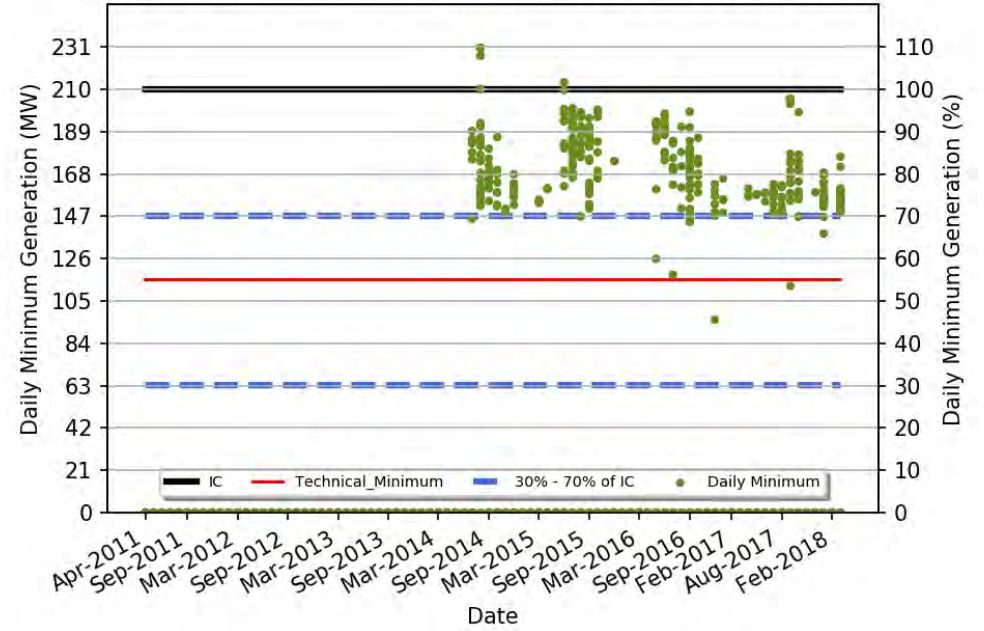
<b>Region</b>	<b>: Northern Region</b>
<b>Number of Days Considered</b>	<b>: 558</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 20 (%)</b>
(% of total days in operation)	
<b>No. Of Days Min Generation Achieved</b>	<b>: 36 (%)</b>
(% of total days in operation)	
<b>Average Flexibility</b>	<b>: 29 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 194</b>
<b>Daily Average (MW)</b>	<b>: 164</b>
<b>Average Daily Min (MW)</b>	<b>: 132</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 92</b>
<b>Daily Average/IC (%)</b>	<b>: 78</b>
<b>Average Daily Min/IC (%)</b>	<b>: 62</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 372</b>



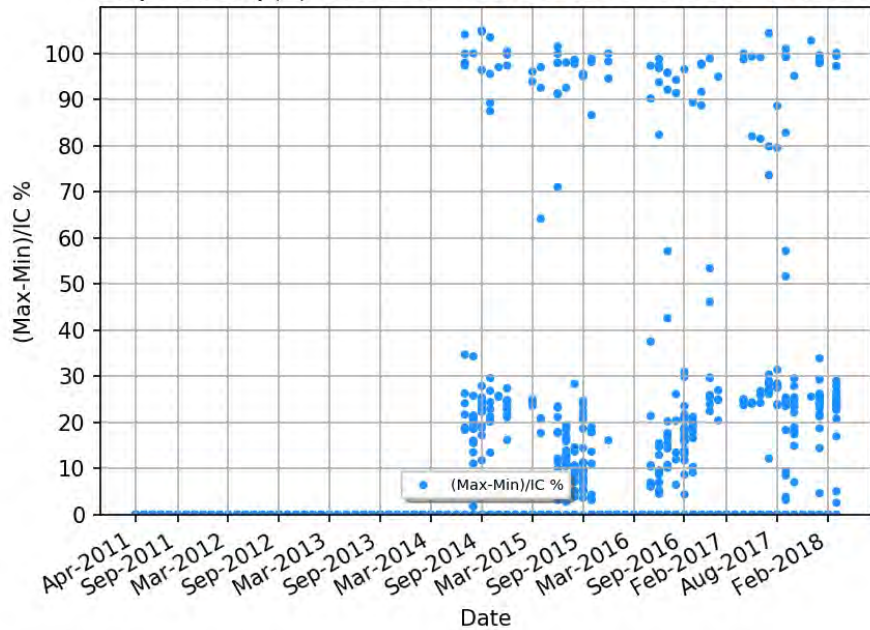
Daily Max Generation : GURU GOBIND SINGH TPS UNIT - 6 210 MW



Daily Min Generation : GURU GOBIND SINGH TPS UNIT - 6 210 MW



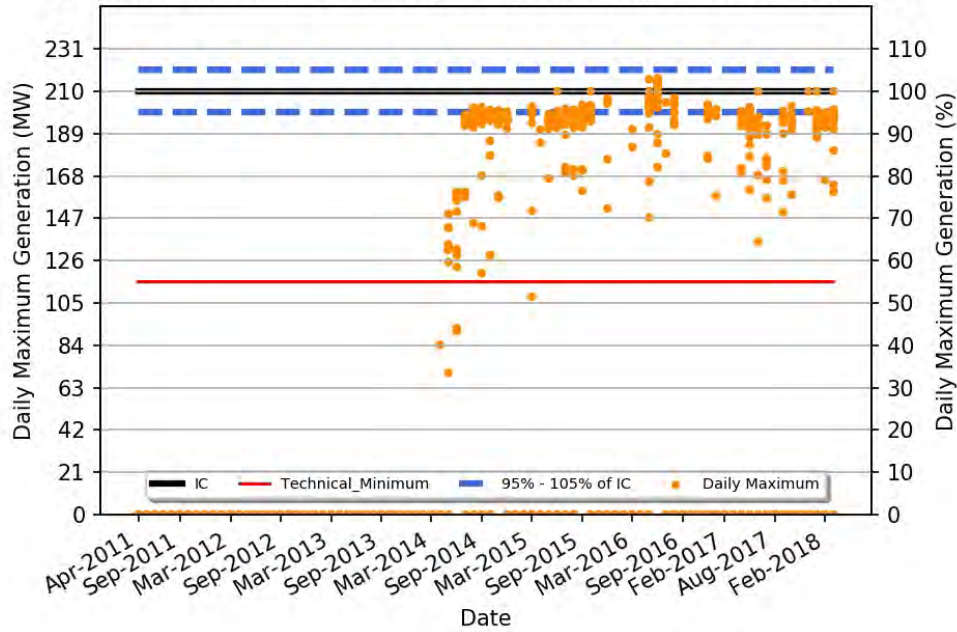
Daily Flexibility(%) : GURU GOBIND SINGH TPS UNIT - 6 210 MW



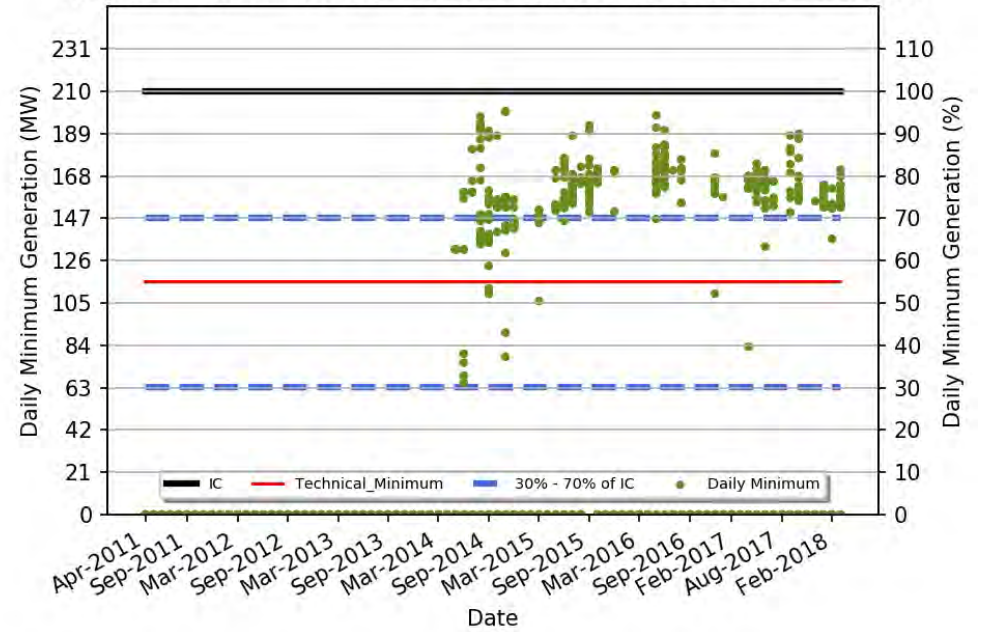
**GURU GOBIND SINGH TPS UNIT - 6 210 MW**

<b>Region</b>	<b>: Northern Region</b>
<b>Number of Days Considered</b>	<b>: 410</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 84 (%)</b>
(% of total days in operation)	
<b>No. Of Days Min Generation Achieved</b>	<b>: 2 (%)</b>
(% of total days in operation)	
<b>Average Flexibility</b>	<b>: 31 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 207</b>
<b>Daily Average (MW)</b>	<b>: 181</b>
<b>Average Daily Min (MW)</b>	<b>: 141</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 98</b>
<b>Daily Average/IC (%)</b>	<b>: 86</b>
<b>Average Daily Min/IC (%)</b>	<b>: 67</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 372</b>

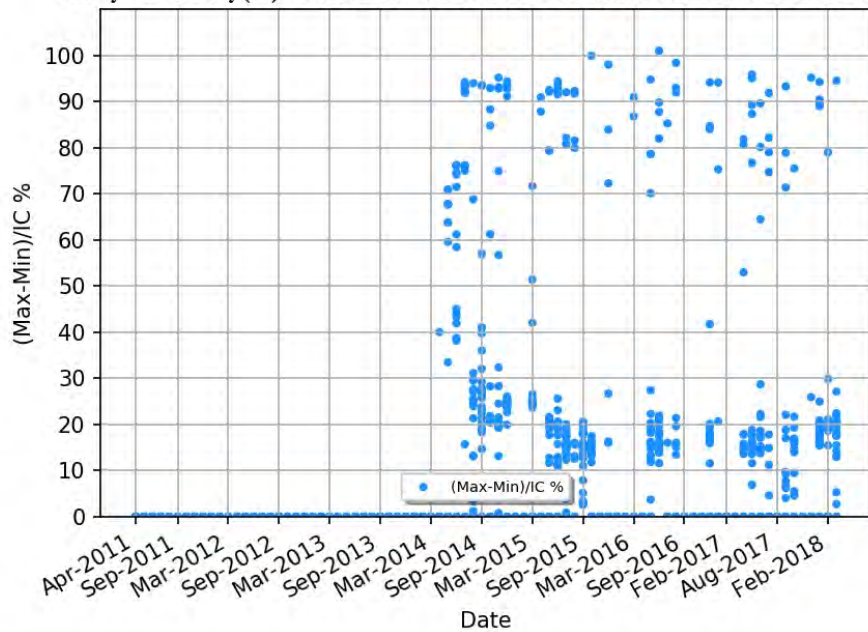
Daily Max Generation : GURU HARGOBIND SINGH TPS UNIT - 2 210 MW



Daily Min Generation : GURU HARGOBIND SINGH TPS UNIT - 2 210 MW



Daily Flexibility(%) : GURU HARGOBIND SINGH TPS UNIT - 2 210 MW

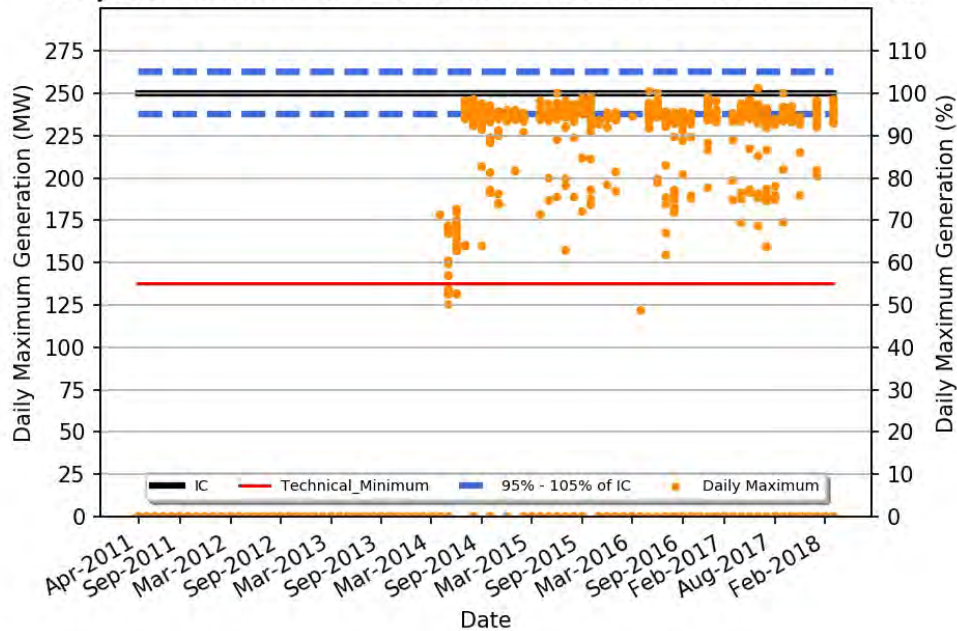


**GURU HARGOBIND SINGH TPS UNIT - 2 210 MW**

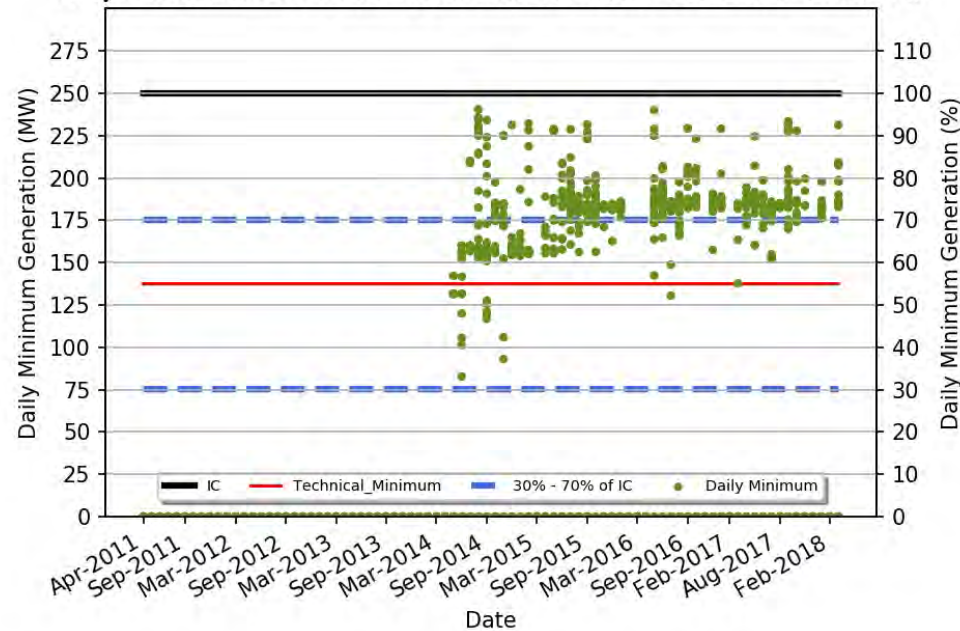
<b>Region</b>	<b>: Northern Region</b>
<b>Number of Days Considered</b>	<b>: 525</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 27 (%)</b>
<b>(% of total days in operation)</b>	
<b>No. Of Days Min Generation Achieved</b>	<b>: 14 (%)</b>
<b>(% of total days in operation)</b>	
<b>Average Flexibility</b>	<b>: 27 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 190</b>
<b>Daily Average (MW)</b>	<b>: 166</b>
<b>Average Daily Min (MW)</b>	<b>: 133</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 90</b>
<b>Daily Average/IC (%)</b>	<b>: 79</b>
<b>Average Daily Min/IC (%)</b>	<b>: 63</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 361</b>



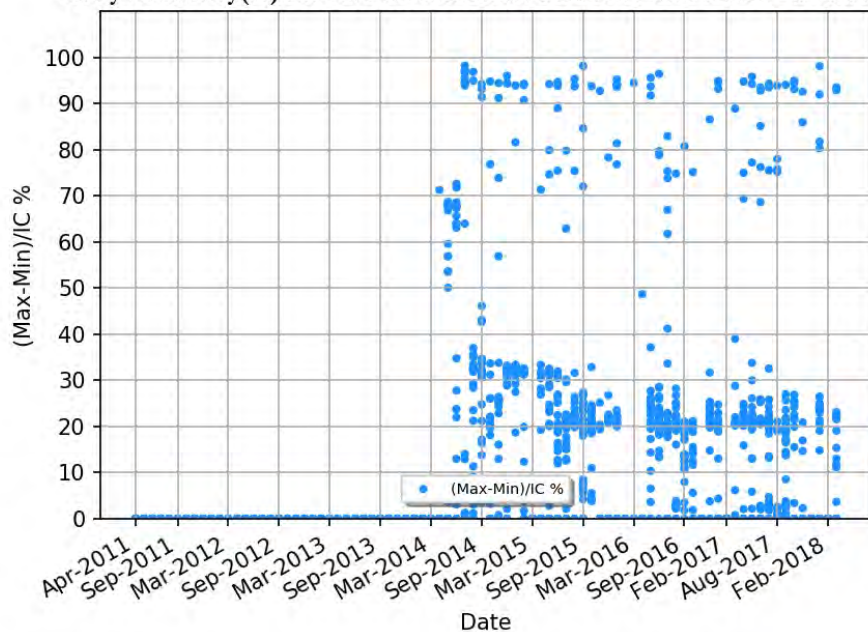
Daily Max Generation : GURU HARGOBIND SINGH TPS UNIT - 3 250 MW



Daily Min Generation : GURU HARGOBIND SINGH TPS UNIT - 3 250 MW



Daily Flexibility(%) : GURU HARGOBIND SINGH TPS UNIT - 3 250 MW

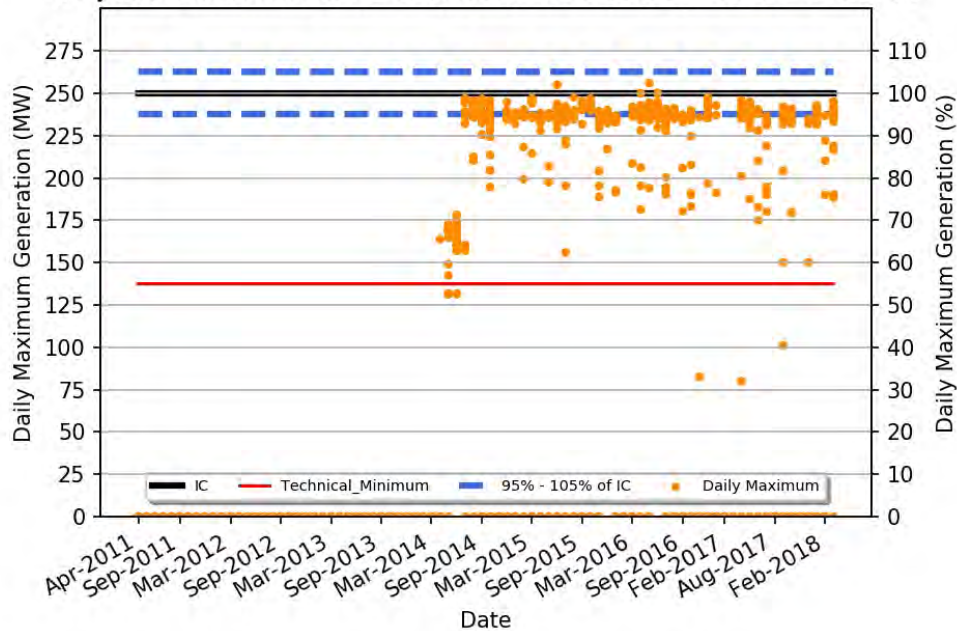


**GURU HARGOBIND SINGH TPS UNIT - 3 250 MW**

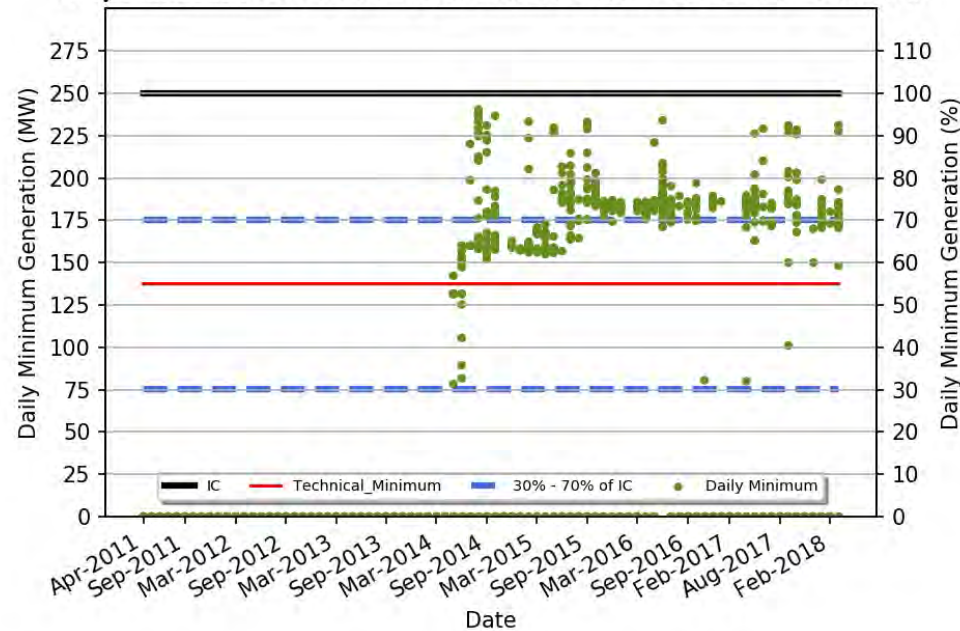
<b>Region</b>	<b>: Northern Region</b>
<b>Number of Days Considered</b>	<b>: 799</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 36 (%)</b>
(% of total days in operation)	
<b>No. Of Days Min Generation Achieved</b>	<b>: 28 (%)</b>
(% of total days in operation)	
<b>Average Flexibility</b>	<b>: 26 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 227</b>
<b>Daily Average (MW)</b>	<b>: 197</b>
<b>Average Daily Min (MW)</b>	<b>: 160</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 90</b>
<b>Daily Average/IC (%)</b>	<b>: 79</b>
<b>Average Daily Min/IC (%)</b>	<b>: 64</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 361</b>



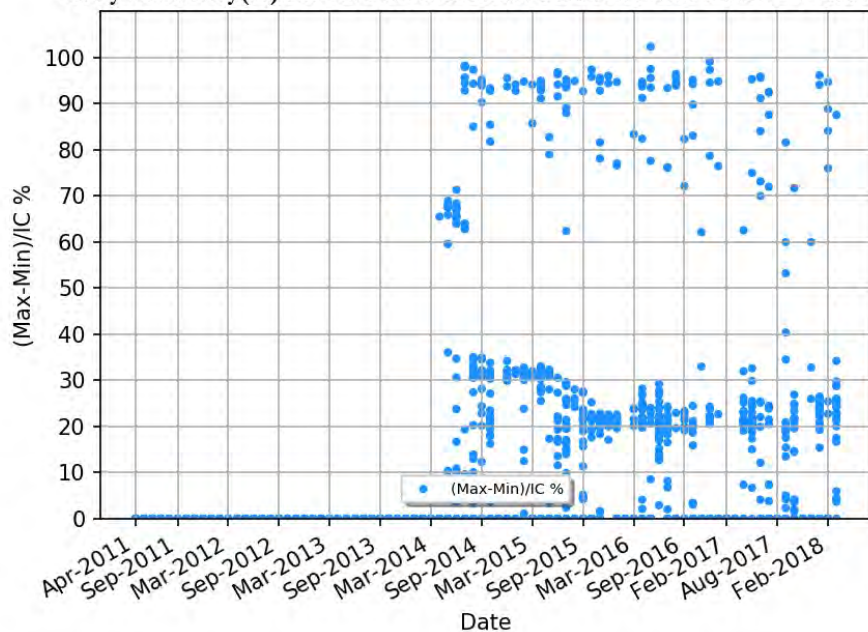
Daily Max Generation : GURU HARGOBIND SINGH TPS UNIT - 4 250 MW



Daily Min Generation : GURU HARGOBIND SINGH TPS UNIT - 4 250 MW



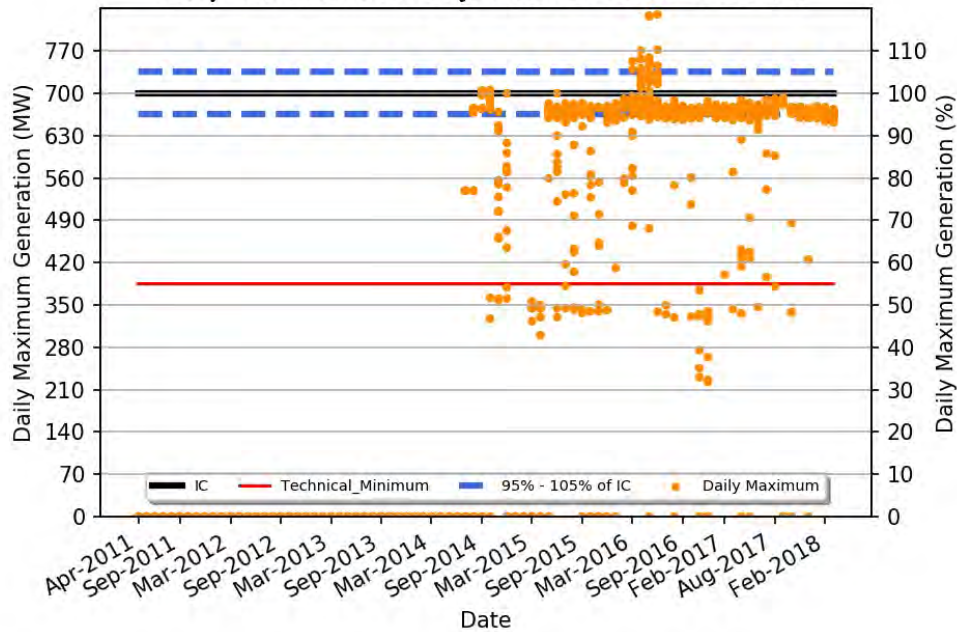
Daily Flexibility(%) : GURU HARGOBIND SINGH TPS UNIT - 4 250 MW



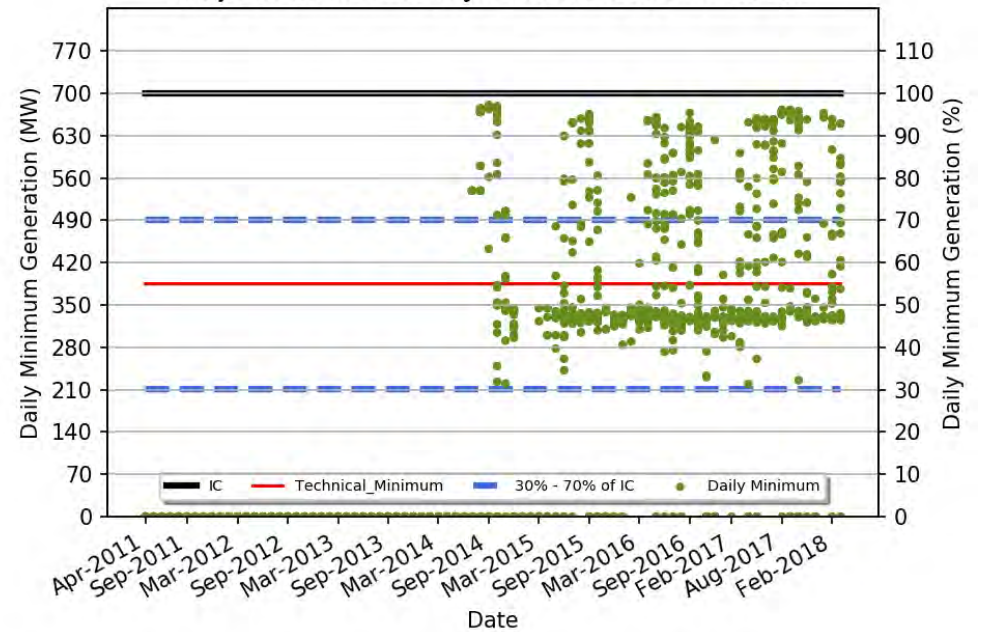
**GURU HARGOBIND SINGH TPS UNIT - 4 250 MW**

<b>Region</b>	<b>: Northern Region</b>
<b>Number of Days Considered</b>	<b>: 656</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 42 (%)</b>
(% of total days in operation)	
<b>No. Of Days Min Generation Achieved</b>	<b>: 28 (%)</b>
(% of total days in operation)	
<b>Average Flexibility</b>	<b>: 30 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 227</b>
<b>Daily Average (MW)</b>	<b>: 194</b>
<b>Average Daily Min (MW)</b>	<b>: 151</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 91</b>
<b>Daily Average/IC (%)</b>	<b>: 77</b>
<b>Average Daily Min/IC (%)</b>	<b>: 60</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 361</b>

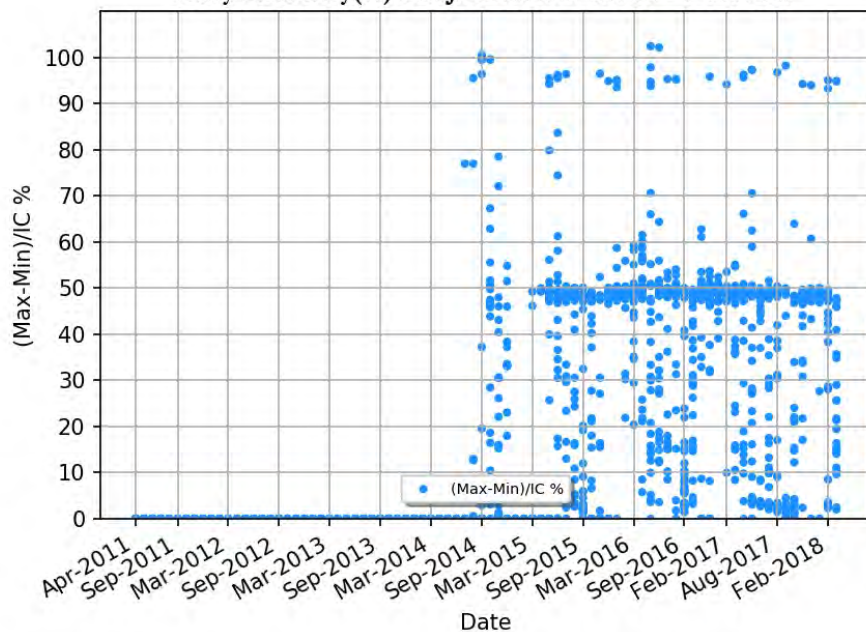
Daily Max Generation : RAJPURA TPP UNIT - 1 700 MW



Daily Min Generation : RAJPURA TPP UNIT - 1 700 MW



Daily Flexibility(%) : RAJPURA TPP UNIT - 1 700 MW

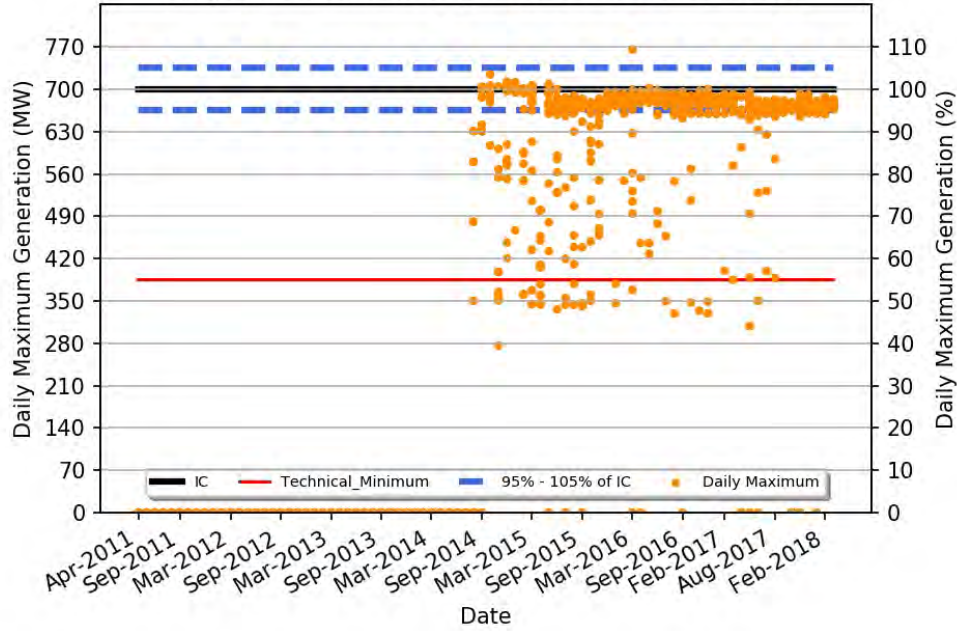


### RAJPURA TPP UNIT - 1 700 MW

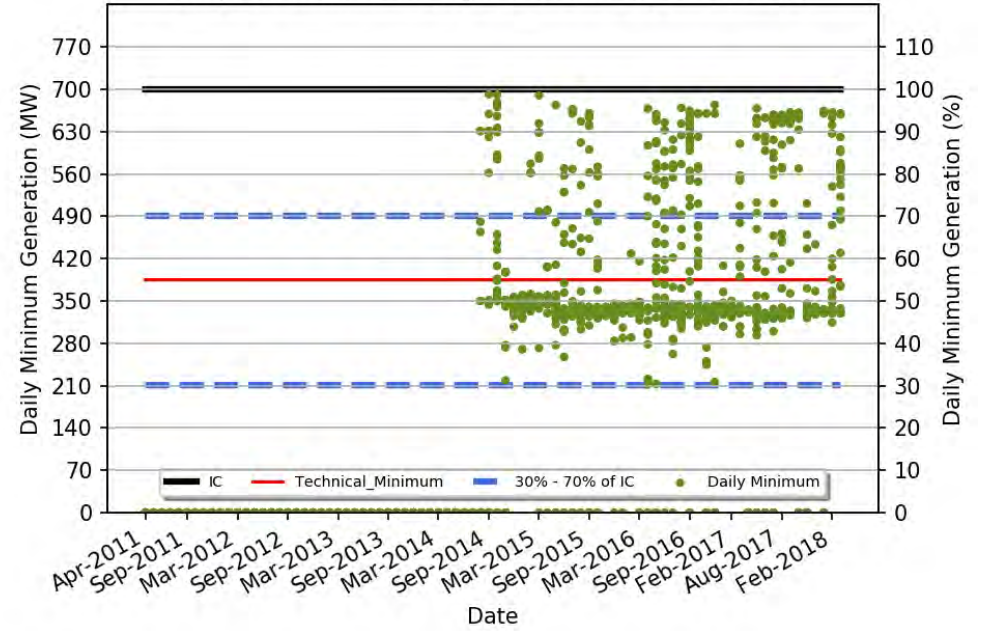
Region	: Northern Region
Number of Days Considered	: 1064
No. Of Days Max Generation Achieved	: 67 (%)
(% of total days in operation)	
No. Of Days Min Generation Achieved	: 70 (%)
(% of total days in operation)	
Average Flexibility	: 36 (%)
Average Daily Max (MW)	: 648
Daily Average (MW)	: 544
Average Daily Min (MW)	: 392
Average Daily Max/ IC (%)	: 92
Daily Average/IC (%)	: 77
Average Daily Min/IC (%)	: 56
Variable Charge (Paisa/kWh)	: 226



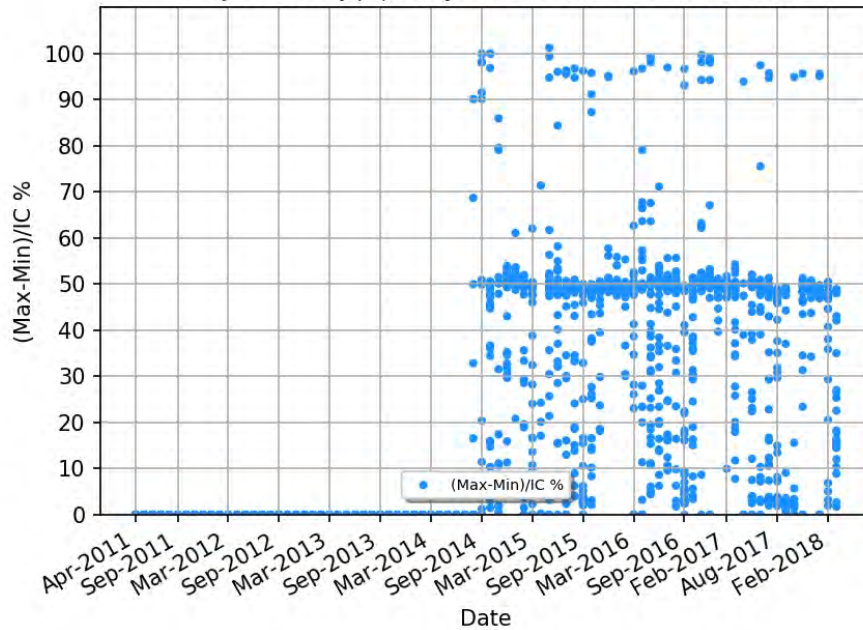
Daily Max Generation : RAJPURA TPP UNIT - 2 700 MW



Daily Min Generation : RAJPURA TPP UNIT - 2 700 MW



Daily Flexibility(%) : RAJPURA TPP UNIT - 2 700 MW

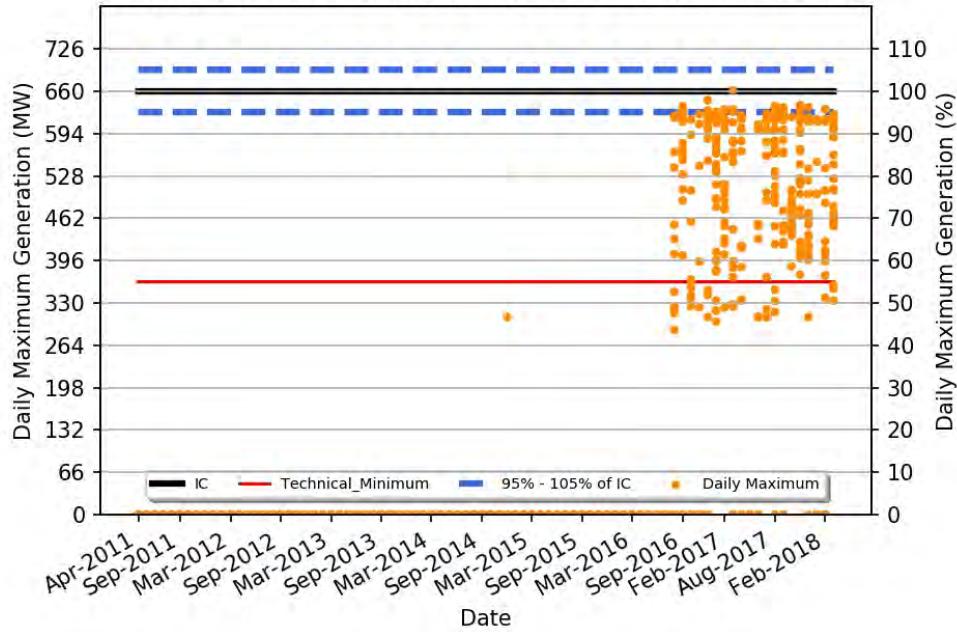


### RAJPURA TPP UNIT - 2 700 MW

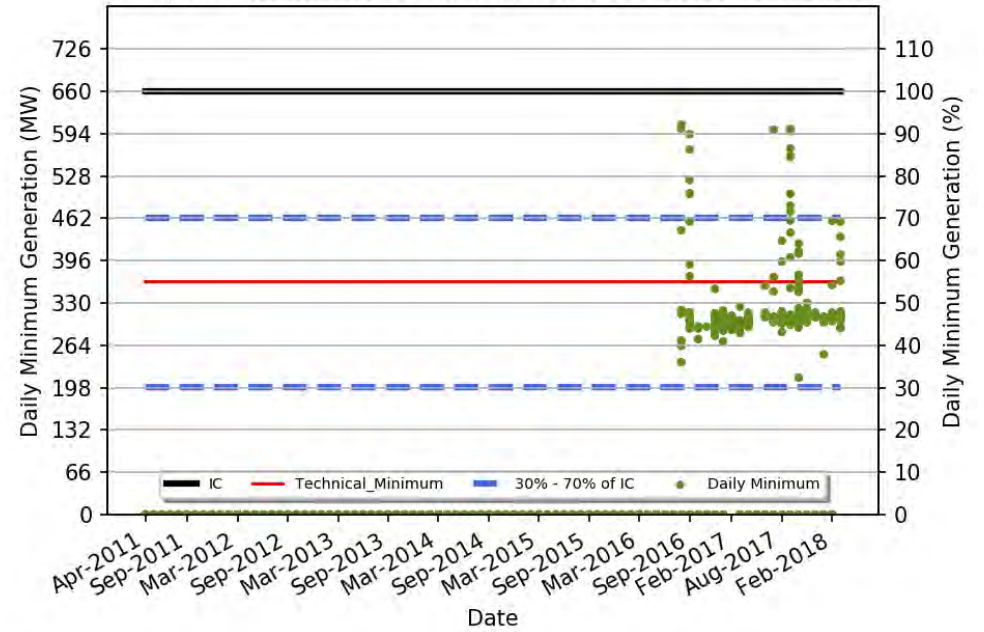
Region	: Northern Region
Number of Days Considered	: 1191
No. Of Days Max Generation Achieved	: 75 (%)
(% of total days in operation)	
No. Of Days Min Generation Achieved	: 74 (%)
(% of total days in operation)	
Average Flexibility	: 38 (%)
Average Daily Max (MW)	: 647
Daily Average (MW)	: 532
Average Daily Min (MW)	: 380
Average Daily Max/ IC (%)	: 92
Daily Average/IC (%)	: 76
Average Daily Min/IC (%)	: 54
Variable Charge (Paisa/kWh)	: 226



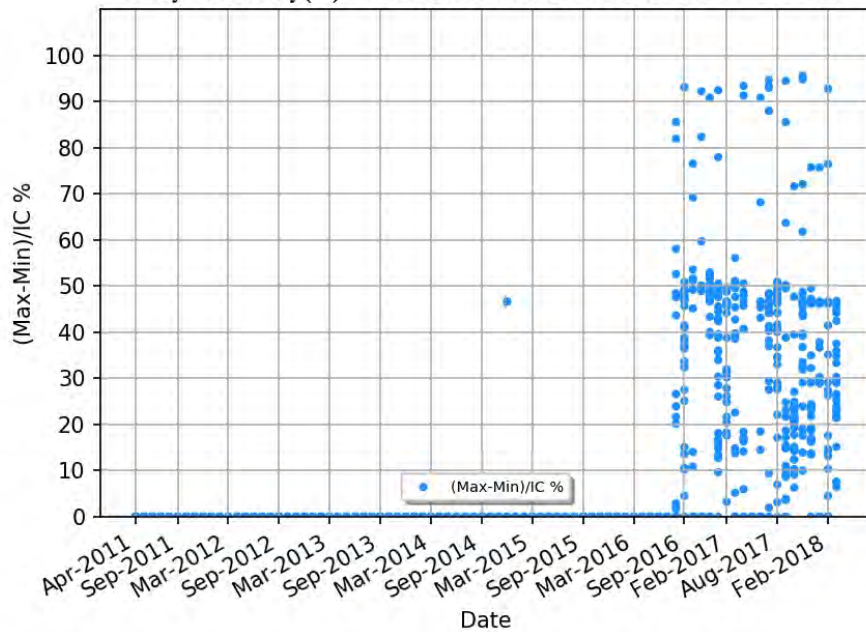
Daily Max Generation : TALWANDI SABO TPP UNIT - 1 660 MW



Daily Min Generation : TALWANDI SABO TPP UNIT - 1 660 MW



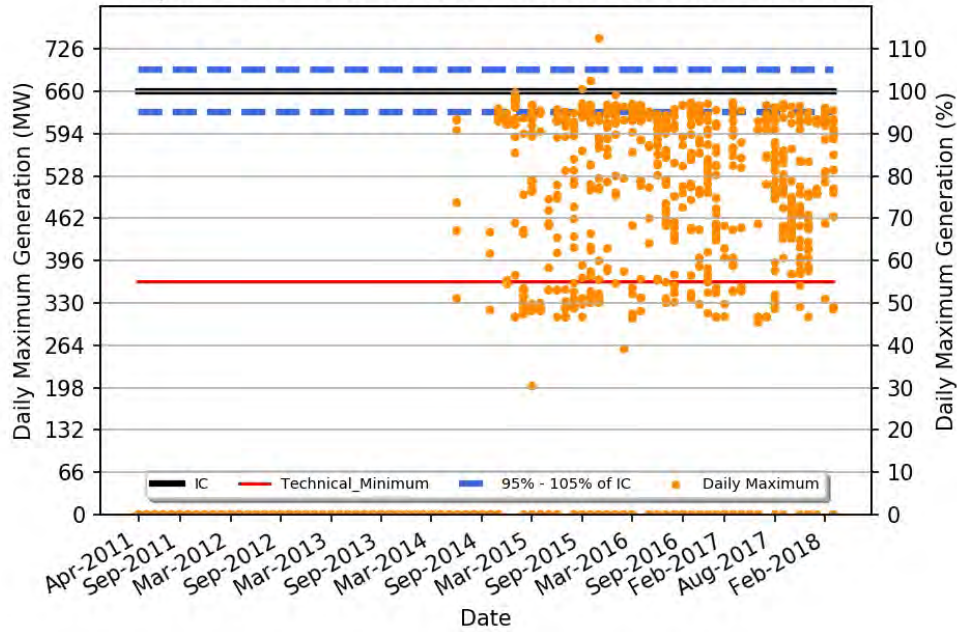
Daily Flexibility(%) : TALWANDI SABO TPP UNIT - 1 660 MW



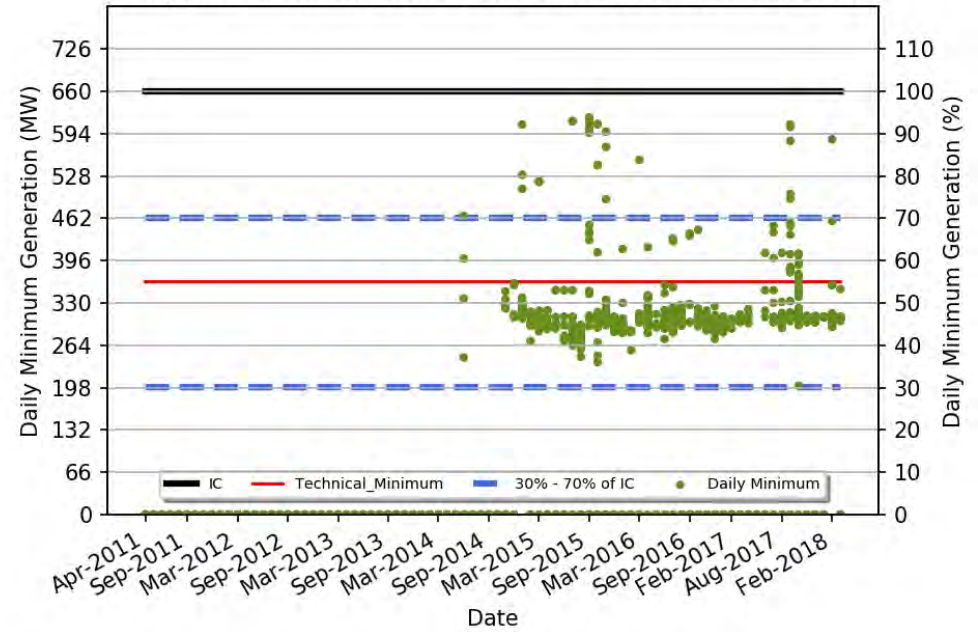
**TALWANDI SABO TPP UNIT - 1 660 MW**

<b>Region</b>	<b>: Northern Region</b>
<b>Number of Days Considered</b>	<b>: 408</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 9 (%)</b>
(% of total days in operation)	
<b>No. Of Days Min Generation Achieved</b>	<b>: 88 (%)</b>
(% of total days in operation)	
<b>Average Flexibility</b>	<b>: 35 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 532</b>
<b>Daily Average (MW)</b>	<b>: 417</b>
<b>Average Daily Min (MW)</b>	<b>: 299</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 80</b>
<b>Daily Average/IC (%)</b>	<b>: 63</b>
<b>Average Daily Min/IC (%)</b>	<b>: 45</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 285</b>

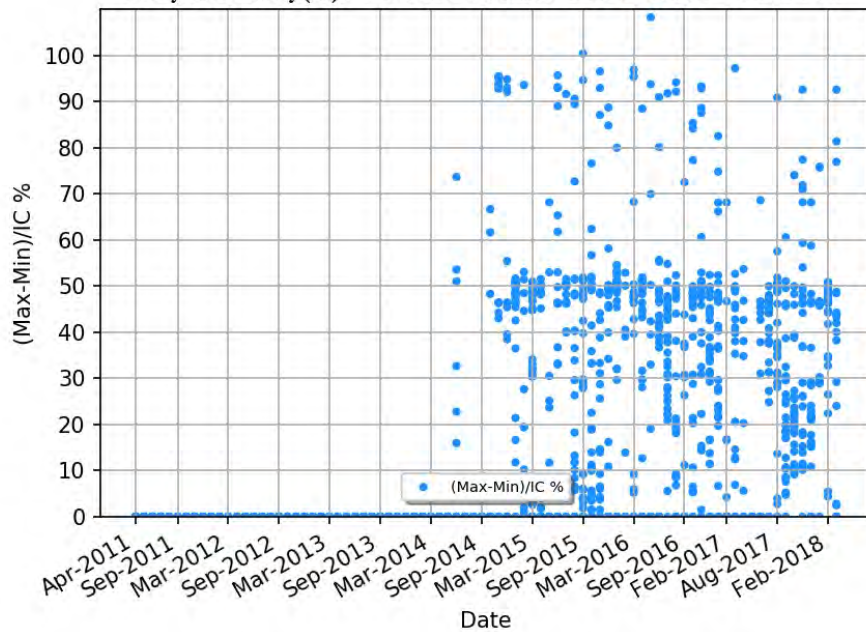
Daily Max Generation : TALWANDI SABO TPP UNIT - 2 660 MW



Daily Min Generation : TALWANDI SABO TPP UNIT - 2 660 MW



Daily Flexibility(%) : TALWANDI SABO TPP UNIT - 2 660 MW

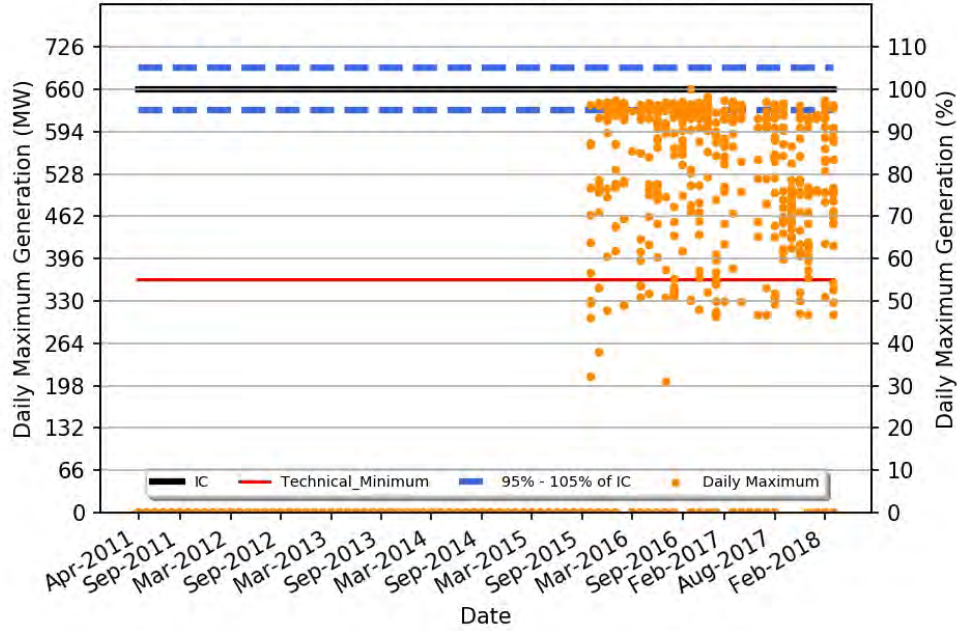


### TALWANDI SABO TPP UNIT - 2 660 MW

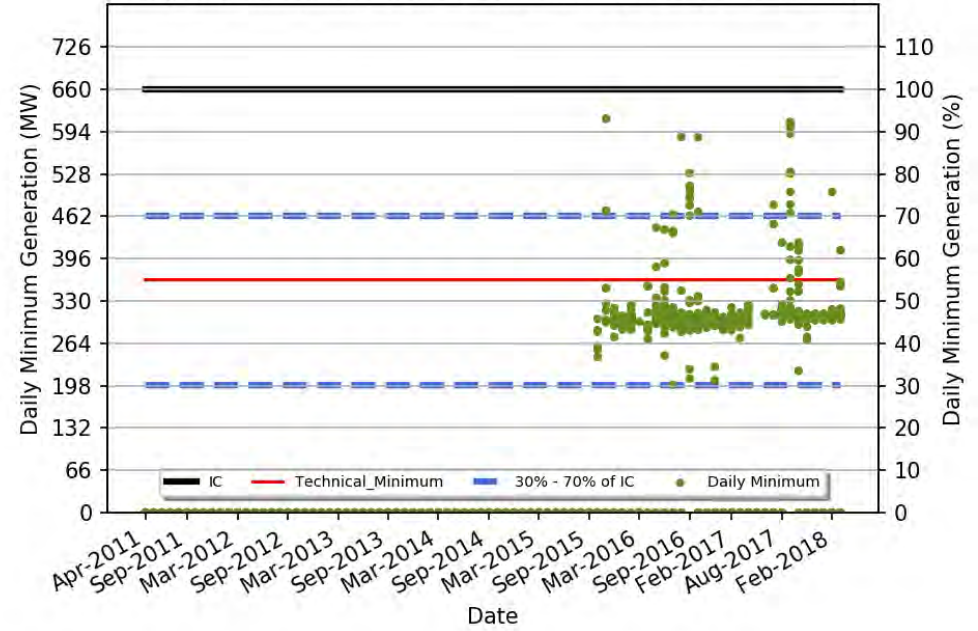
Region	: Northern Region
Number of Days Considered	: 835
No. Of Days Max Generation Achieved	: 14 (%)
(% of total days in operation)	
No. Of Days Min Generation Achieved	: 86 (%)
(% of total days in operation)	
Average Flexibility	: 36 (%)
Average Daily Max (MW)	: 533
Daily Average (MW)	: 401
Average Daily Min (MW)	: 293
Average Daily Max/ IC (%)	: 80
Daily Average/IC (%)	: 60
Average Daily Min/IC (%)	: 44
Variable Charge (Paisa/kWh)	: 285



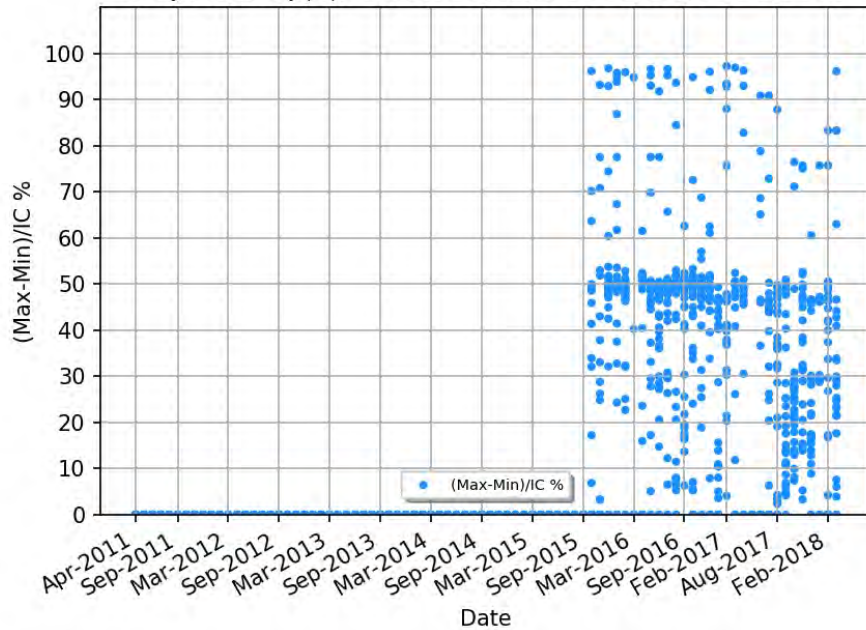
Daily Max Generation : TALWANDI SABO TPP UNIT - 3 660 MW



Daily Min Generation : TALWANDI SABO TPP UNIT - 3 660 MW



Daily Flexibility(%) : TALWANDI SABO TPP UNIT - 3 660 MW



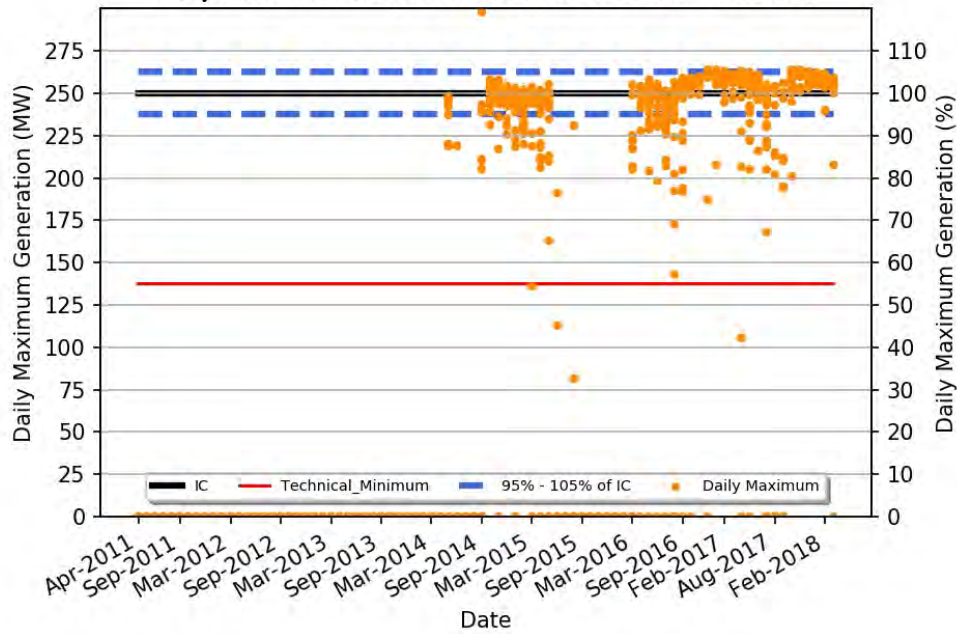
**TALWANDI SABO TPP UNIT - 3 660 MW**

<b>Region</b>	<b>: Northern Region</b>
<b>Number of Days Considered</b>	<b>: 635</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 26 (%)</b>
(% of total days in operation)	
<b>No. Of Days Min Generation Achieved</b>	<b>: 87 (%)</b>
(% of total days in operation)	
<b>Average Flexibility</b>	<b>: 42 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 570</b>
<b>Daily Average (MW)</b>	<b>: 420</b>
<b>Average Daily Min (MW)</b>	<b>: 292</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 86</b>
<b>Daily Average/IC (%)</b>	<b>: 63</b>
<b>Average Daily Min/IC (%)</b>	<b>: 44</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 285</b>

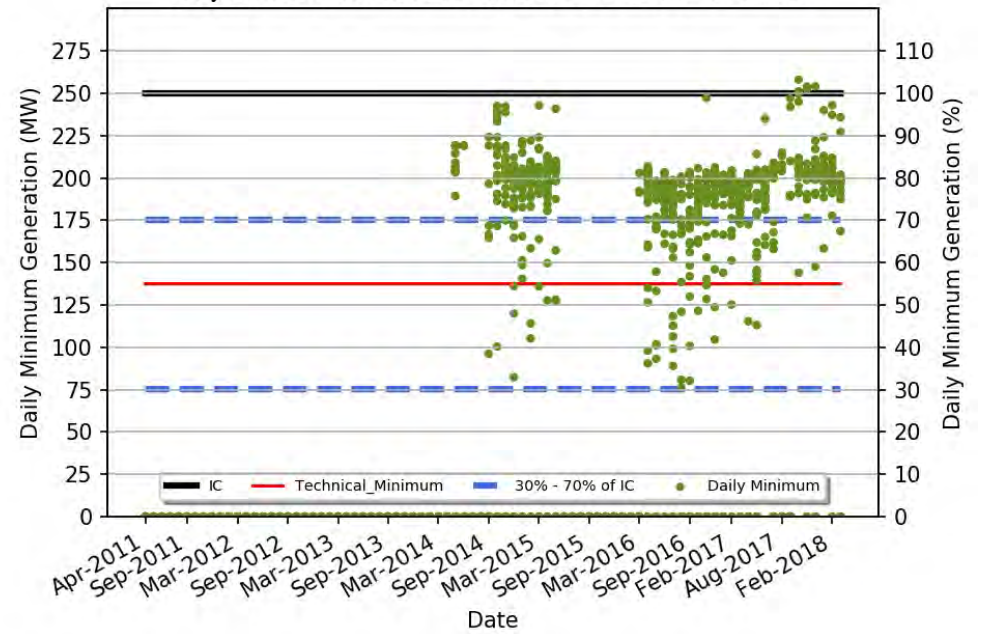


# RAJASTHAN

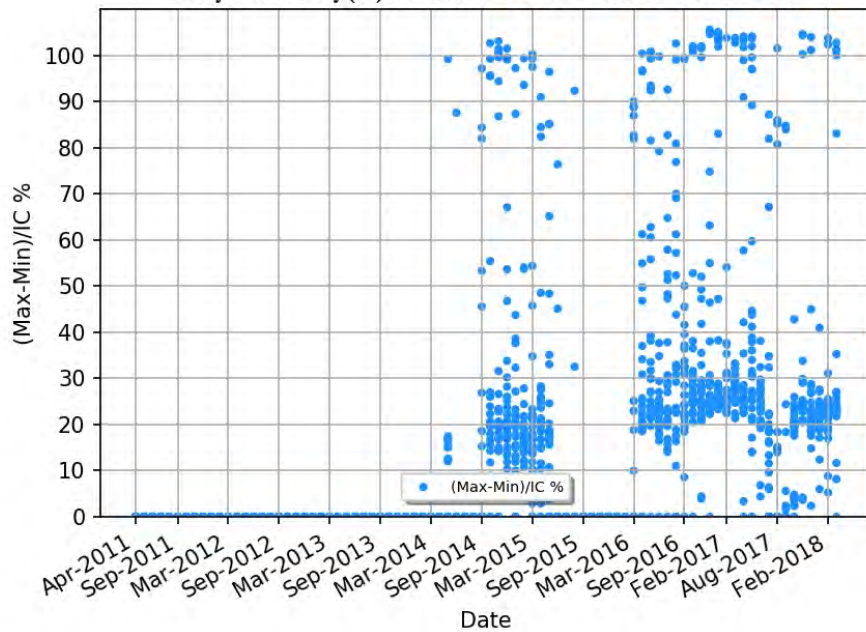
Daily Max Generation : CHHABRA TPP UNIT - 1 250 MW



Daily Min Generation : CHHABRA TPP UNIT - 1 250 MW



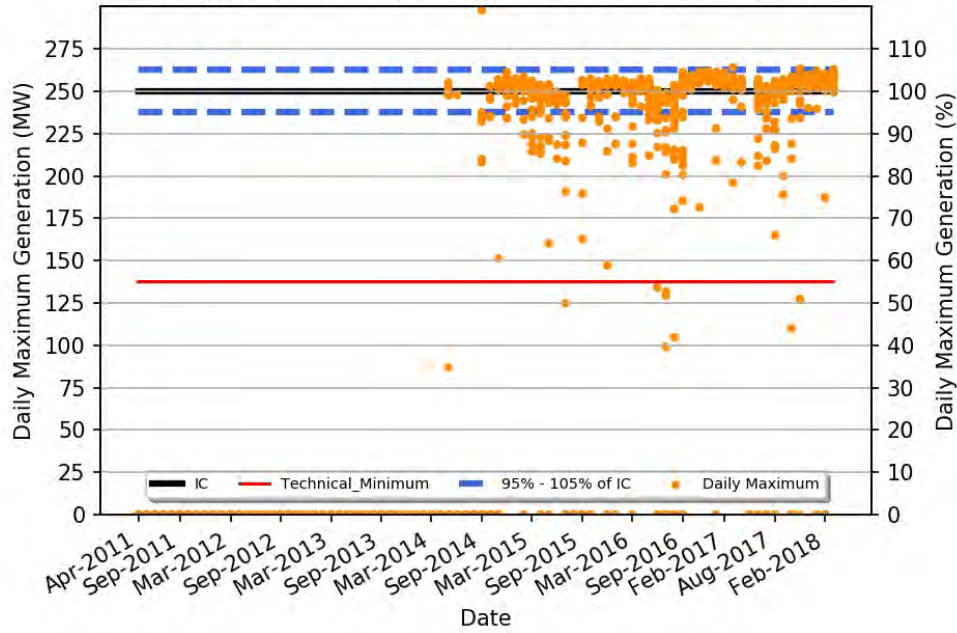
Daily Flexibility(%) : CHHABRA TPP UNIT - 1 250 MW



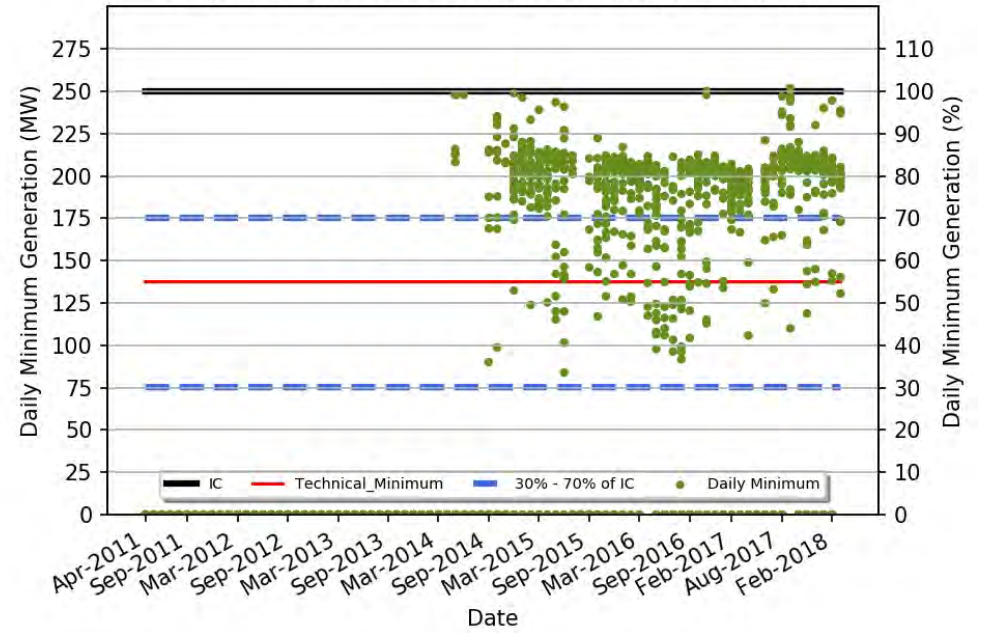
### CHHABRA TPP UNIT - 1 250 MW

Region	: Northern Region
Number of Days Considered	: 883
No. Of Days Max Generation Achieved	: 84 (%)
(% of total days in operation)	
No. Of Days Min Generation Achieved	: 13 (%)
(% of total days in operation)	
Average Flexibility	: 31 (%)
Average Daily Max (MW)	: 250
Daily Average (MW)	: 218
Average Daily Min (MW)	: 170
Average Daily Max/ IC (%)	: 100
Daily Average/IC (%)	: 87
Average Daily Min/IC (%)	: 68
Variable Charge (Paisa/kWh)	: 227

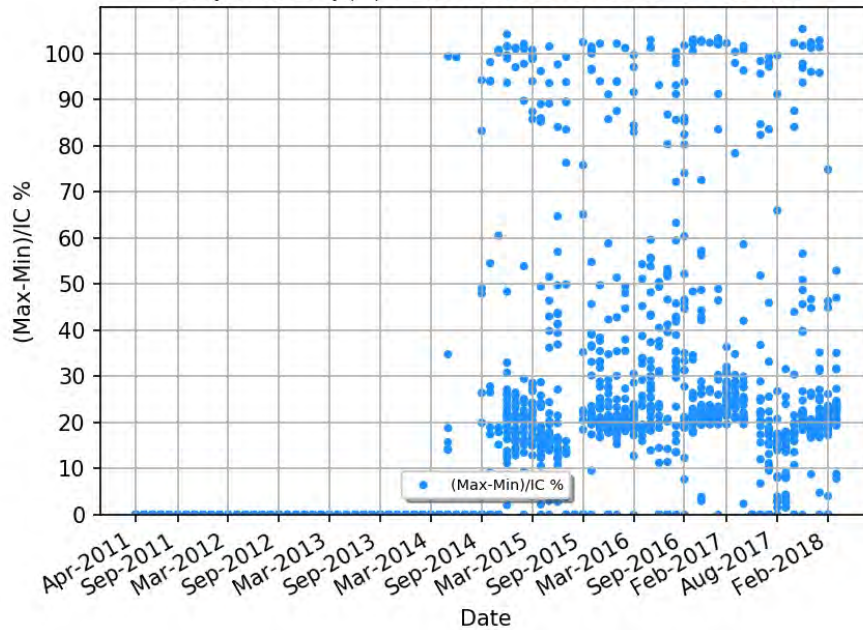
Daily Max Generation : CHHABRA TPP UNIT - 2 250 MW



Daily Min Generation : CHHABRA TPP UNIT - 2 250 MW



Daily Flexibility(%) : CHHABRA TPP UNIT - 2 250 MW

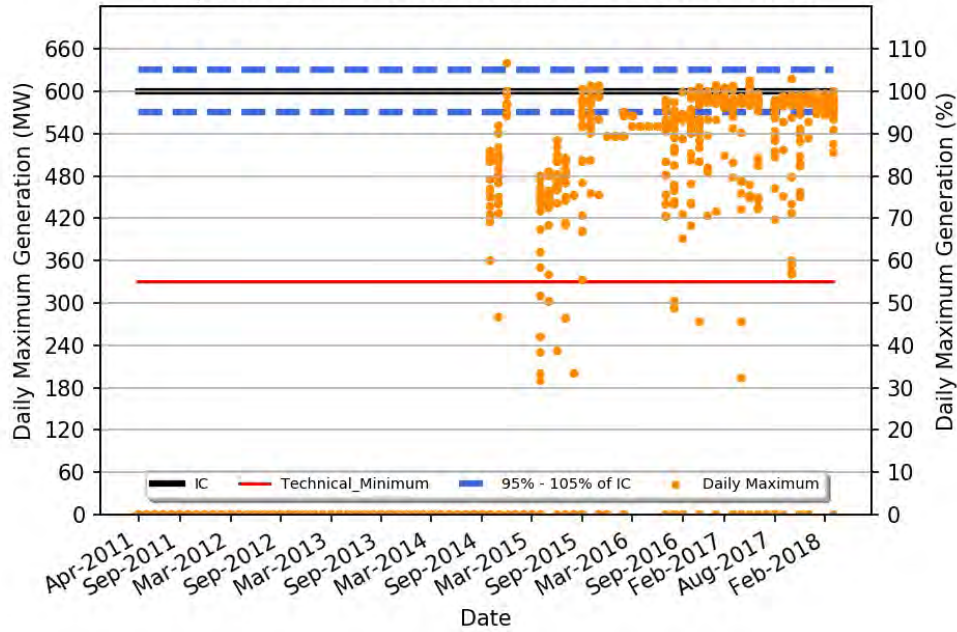


**CHHABRA TPP UNIT - 2 250 MW**

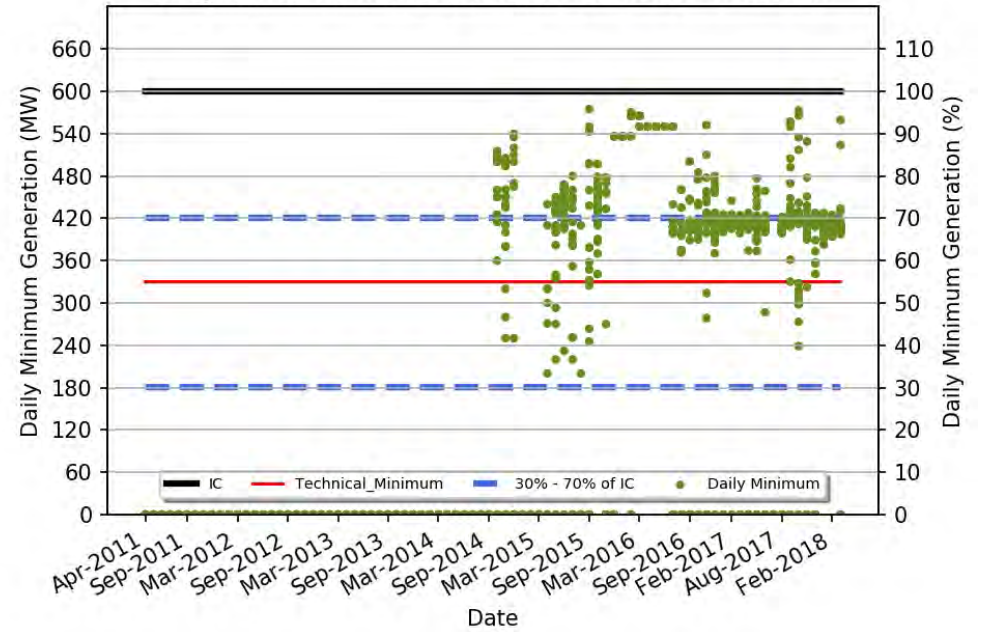
<b>Region</b>	<b>: Northern Region</b>
<b>Number of Days Considered</b>	<b>: 1035</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 90 (%)</b>
(% of total days in operation)	
<b>No. Of Days Min Generation Achieved</b>	<b>: 13 (%)</b>
(% of total days in operation)	
<b>Average Flexibility</b>	<b>: 31 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 250</b>
<b>Daily Average (MW)</b>	<b>: 220</b>
<b>Average Daily Min (MW)</b>	<b>: 172</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 100</b>
<b>Daily Average/IC (%)</b>	<b>: 88</b>
<b>Average Daily Min/IC (%)</b>	<b>: 68</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 227</b>



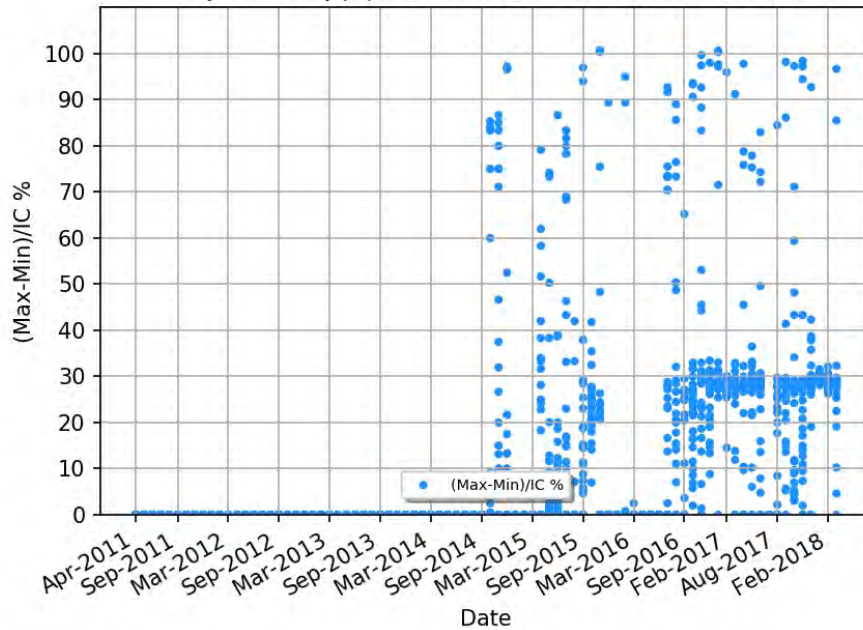
Daily Max Generation : KALISINDH TPS UNIT - 1 600 MW



Daily Min Generation : KALISINDH TPS UNIT - 1 600 MW



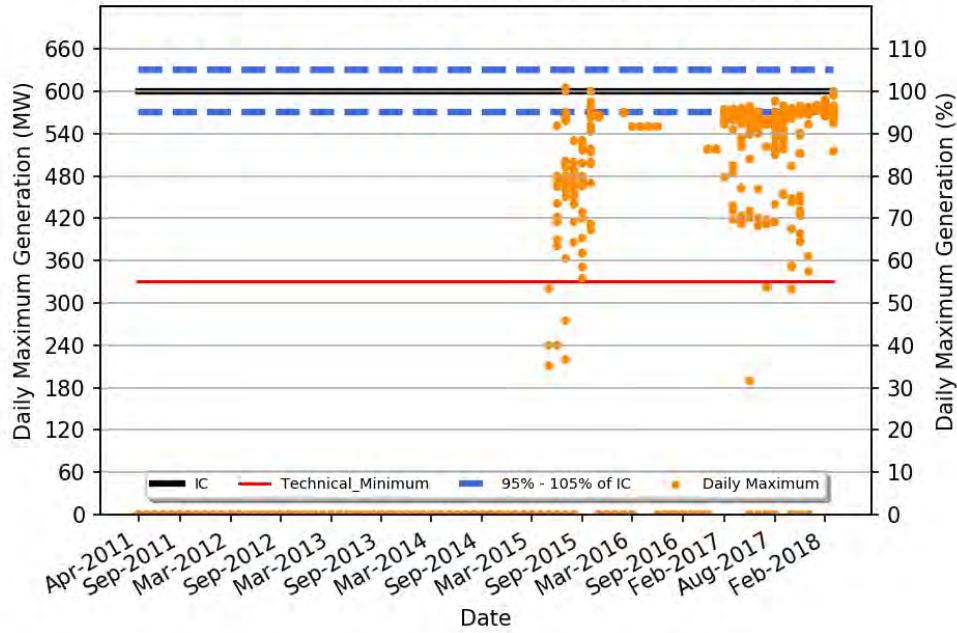
Daily Flexibility(%) : KALISINDH TPS UNIT - 1 600 MW



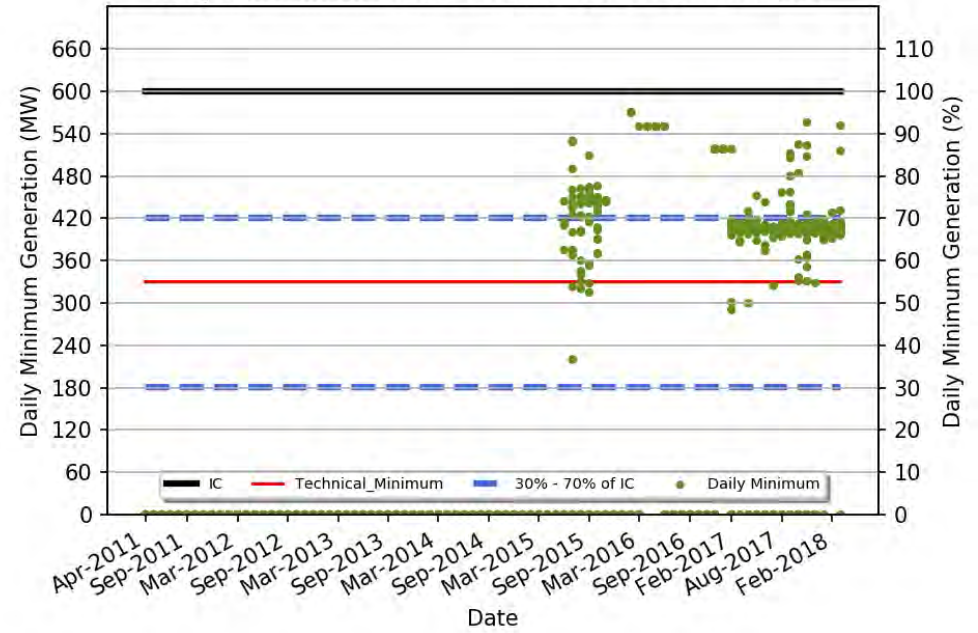
**KALISINDH TPS UNIT - 1 600 MW**

<b>Region</b>	<b>: Northern Region</b>
<b>Number of Days Considered</b>	<b>: 887</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 45 (%)</b>
(% of total days in operation)	
<b>No. Of Days Min Generation Achieved</b>	<b>: 44 (%)</b>
(% of total days in operation)	
<b>Average Flexibility</b>	<b>: 22 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 547</b>
<b>Daily Average (MW)</b>	<b>: 487</b>
<b>Average Daily Min (MW)</b>	<b>: 415</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 91</b>
<b>Daily Average/IC (%)</b>	<b>: 81</b>
<b>Average Daily Min/IC (%)</b>	<b>: 69</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 267</b>

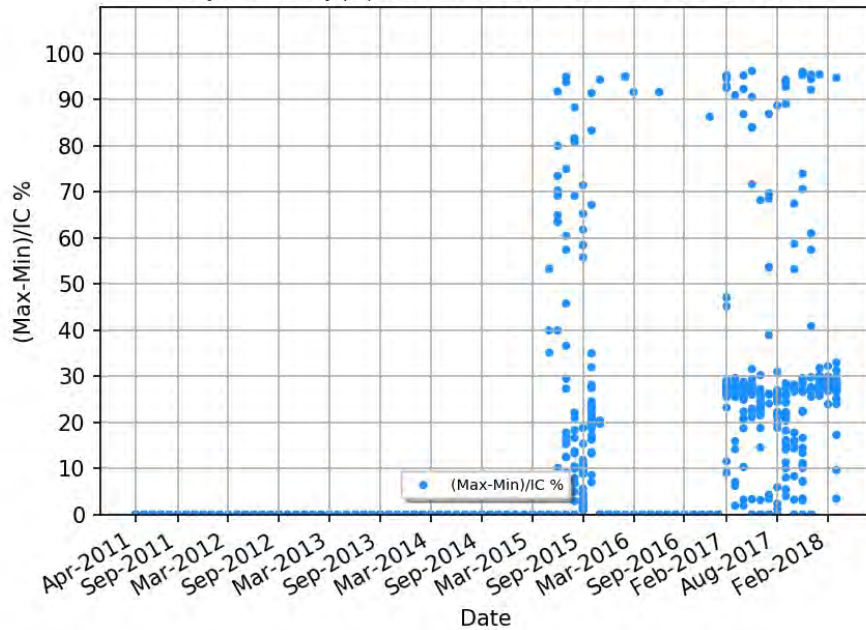
Daily Max Generation : KALISINDH TPS UNIT - 2 600 MW



Daily Min Generation : KALISINDH TPS UNIT - 2 600 MW



Daily Flexibility(%) : KALISINDH TPS UNIT - 2 600 MW

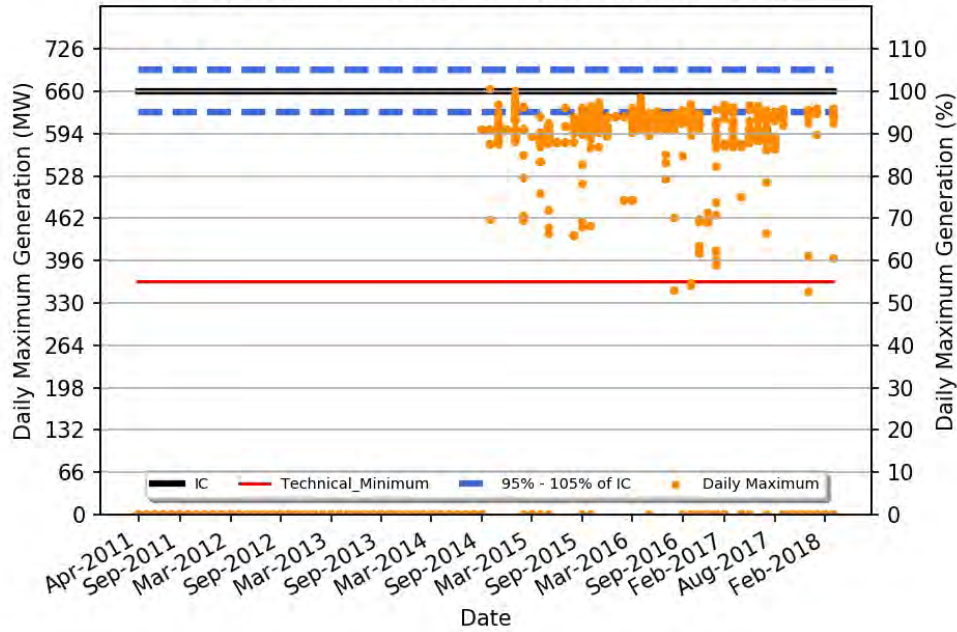


**KALISINDH TPS UNIT - 2 600 MW**

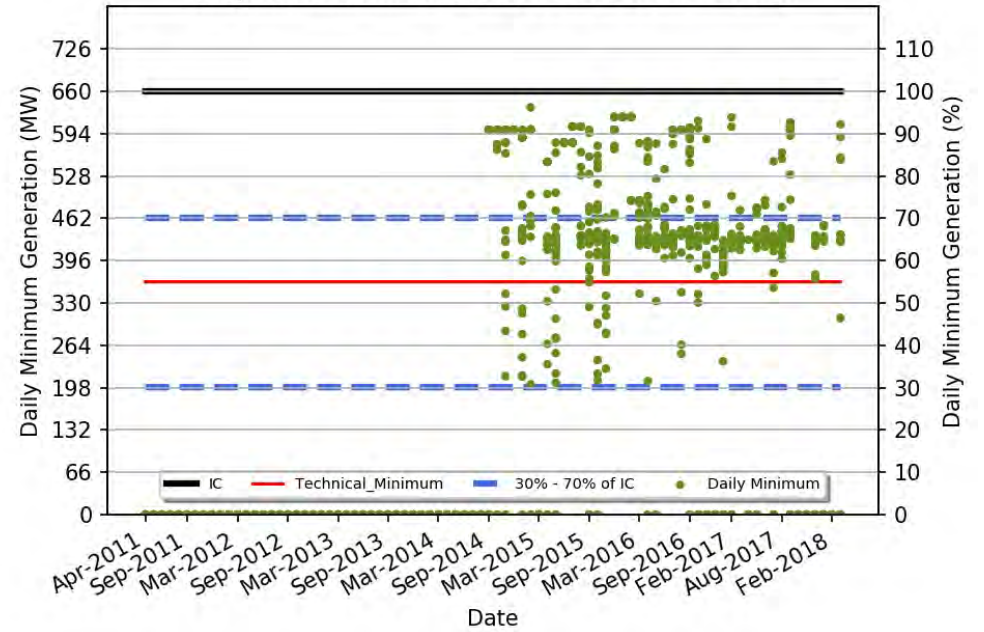
<b>Region</b>	<b>: Northern Region</b>
<b>Number of Days Considered</b>	<b>: 568</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 27 (%)</b>
<i>(% of total days in operation)</i>	
<b>No. Of Days Min Generation Achieved</b>	<b>: 53 (%)</b>
<i>(% of total days in operation)</i>	
<b>Average Flexibility</b>	<b>: 23 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 538</b>
<b>Daily Average (MW)</b>	<b>: 475</b>
<b>Average Daily Min (MW)</b>	<b>: 398</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 89</b>
<b>Daily Average/IC (%)</b>	<b>: 79</b>
<b>Average Daily Min/IC (%)</b>	<b>: 66</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 267</b>



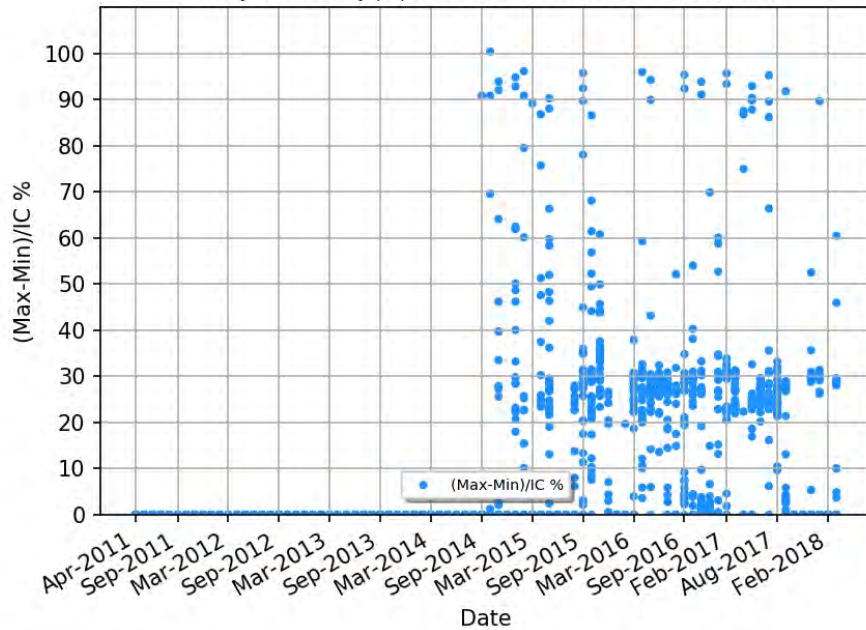
Daily Max Generation : KAWAI TPS UNIT - 1 660 MW



Daily Min Generation : KAWAI TPS UNIT - 1 660 MW



Daily Flexibility(%) : KAWAI TPS UNIT - 1 660 MW

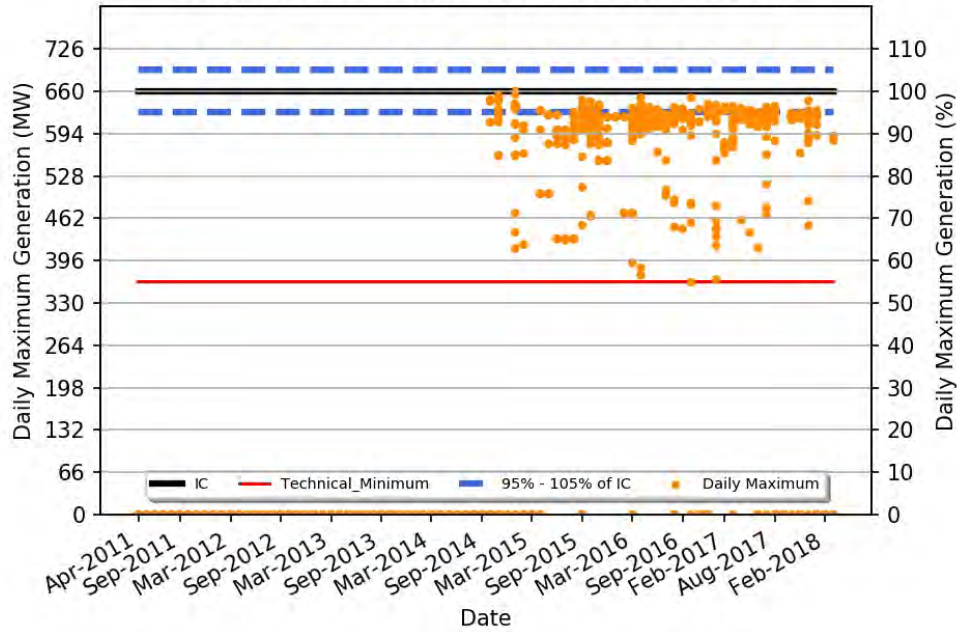


**KAWAI TPS UNIT - 1 660 MW**

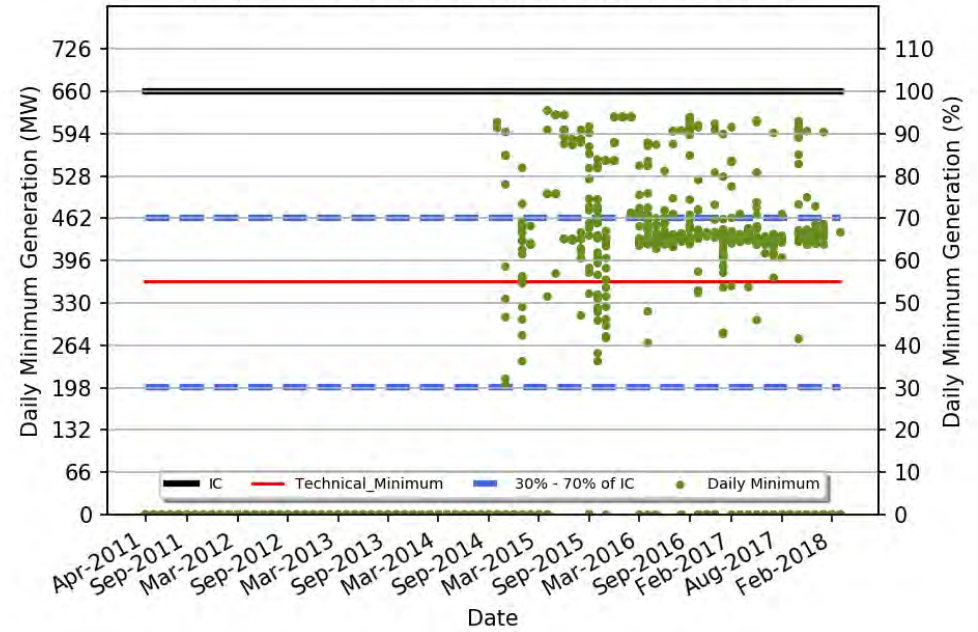
<b>Region</b>	<b>: Northern Region</b>
<b>Number of Days Considered</b>	<b>: 994</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 11 (%)</b>
(% of total days in operation)	
<b>No. Of Days Min Generation Achieved</b>	<b>: 53 (%)</b>
(% of total days in operation)	
<b>Average Flexibility</b>	<b>: 18 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 594</b>
<b>Daily Average (MW)</b>	<b>: 547</b>
<b>Average Daily Min (MW)</b>	<b>: 469</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 90</b>
<b>Daily Average/IC (%)</b>	<b>: 83</b>
<b>Average Daily Min/IC (%)</b>	<b>: 71</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 260</b>



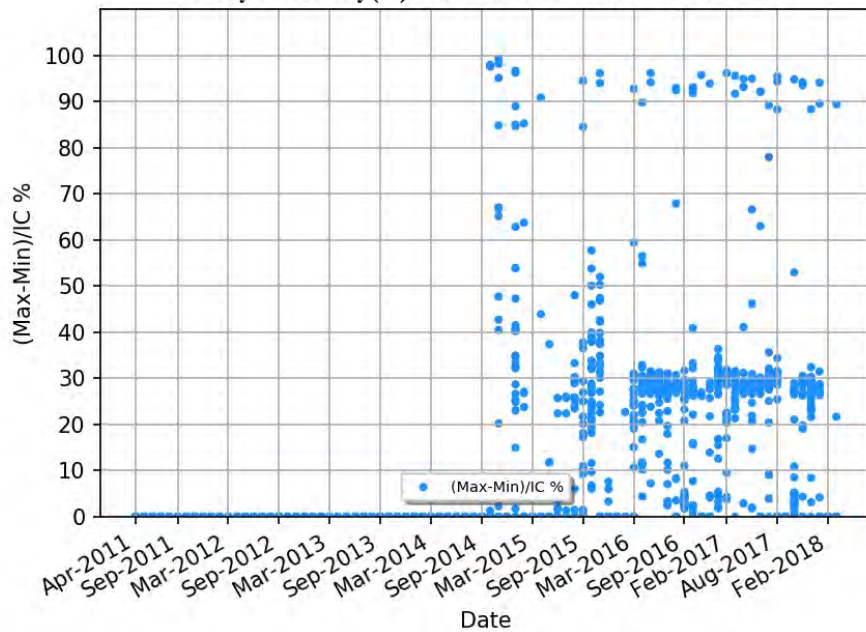
Daily Max Generation : KAWAI TPS UNIT - 2 660 MW



Daily Min Generation : KAWAI TPS UNIT - 2 660 MW



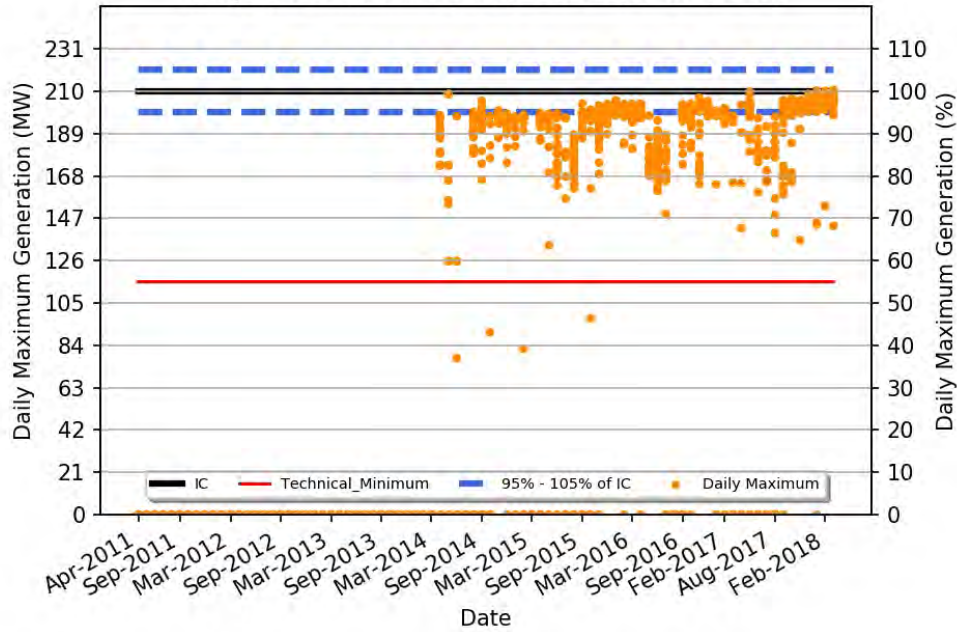
Daily Flexibility(%) : KAWAI TPS UNIT - 2 660 MW



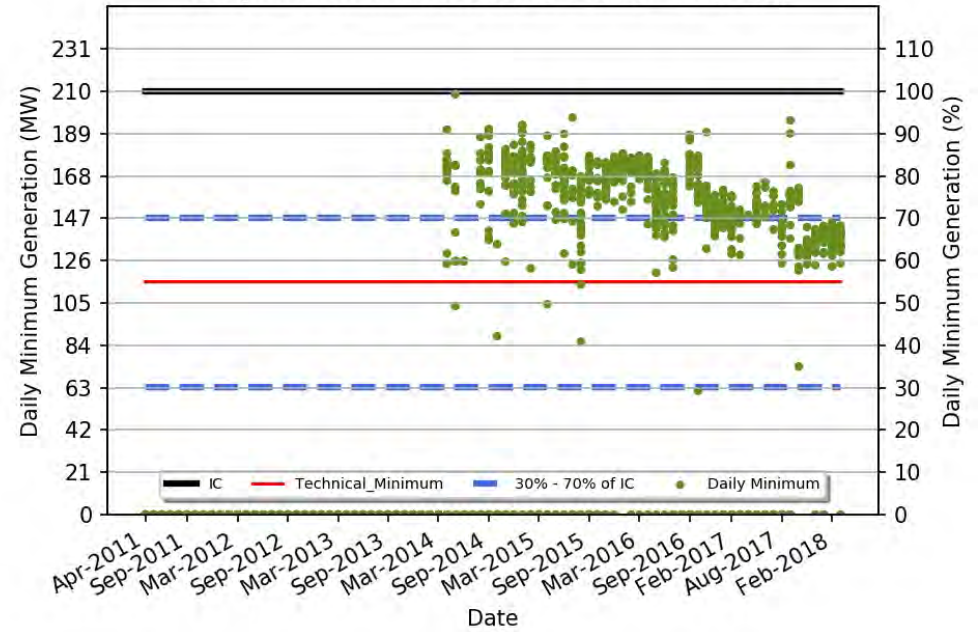
**KAWAI TPS UNIT - 2 660 MW**

<b>Region</b>	<b>: Northern Region</b>
<b>Number of Days Considered</b>	<b>: 892</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 20 (%)</b>
(% of total days in operation)	
<b>No. Of Days Min Generation Achieved</b>	<b>: 60 (%)</b>
(% of total days in operation)	
<b>Average Flexibility</b>	<b>: 27 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 631</b>
<b>Daily Average (MW)</b>	<b>: 545</b>
<b>Average Daily Min (MW)</b>	<b>: 451</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 95</b>
<b>Daily Average/IC (%)</b>	<b>: 82</b>
<b>Average Daily Min/IC (%)</b>	<b>: 68</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 260</b>

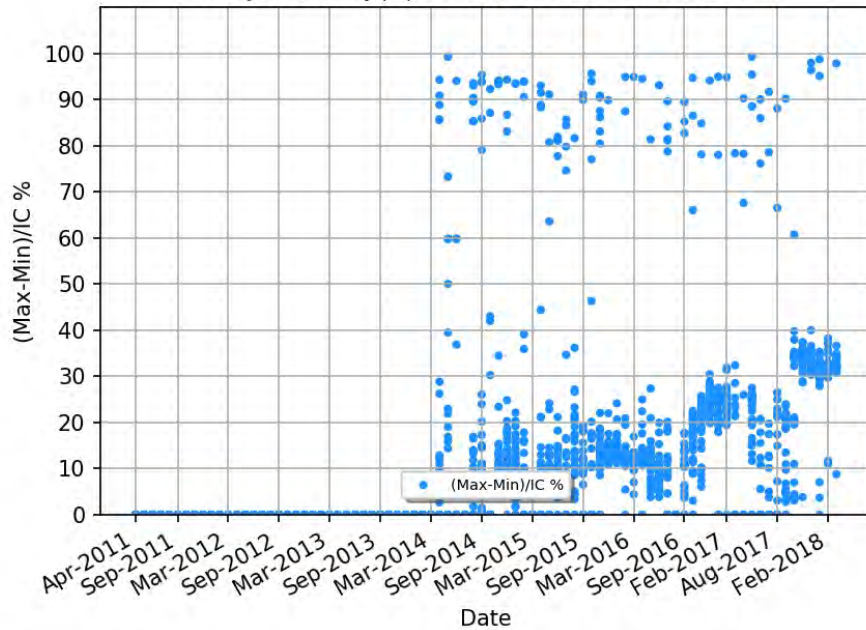
Daily Max Generation : KOTA TPS UNIT - 3 210 MW



Daily Min Generation : KOTA TPS UNIT - 3 210 MW



Daily Flexibility(%) : KOTA TPS UNIT - 3 210 MW

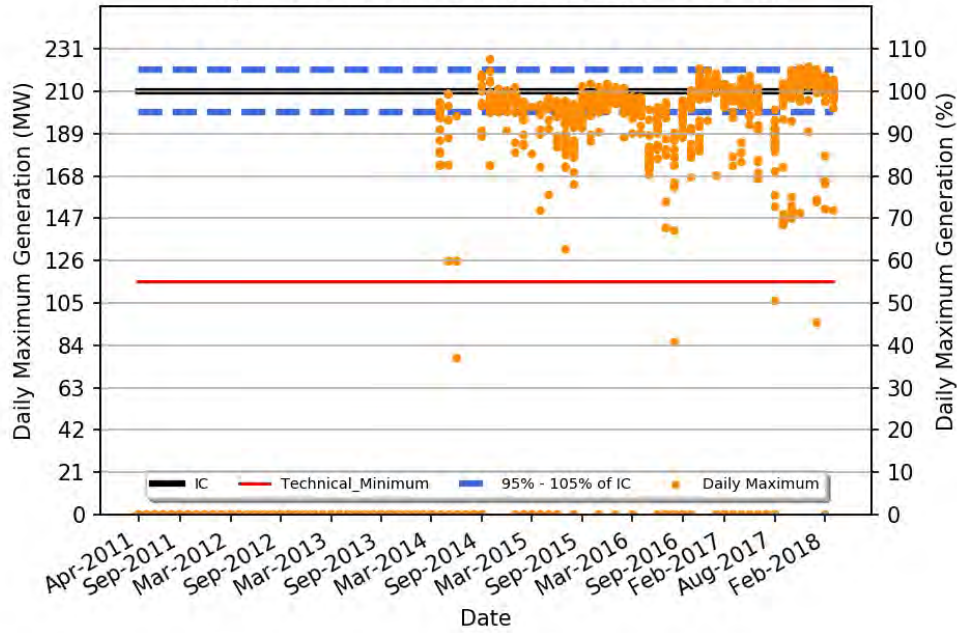


**KOTA TPS UNIT - 3 210 MW**

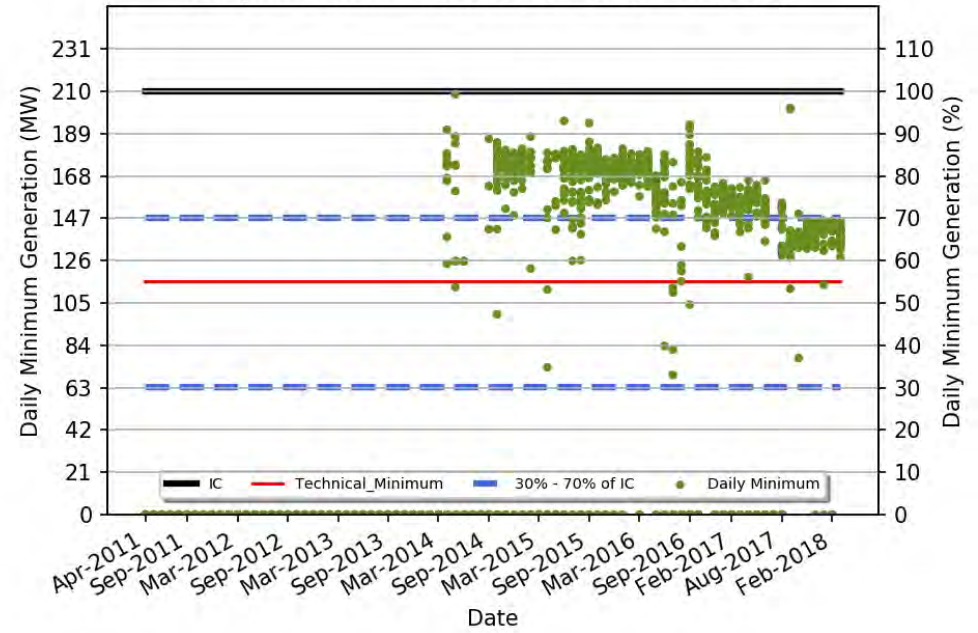
<b>Region</b>	<b>: Northern Region</b>
<b>Number of Days Considered</b>	<b>: 1035</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 38 (%)</b>
(% of total days in operation)	
<b>No. Of Days Min Generation Achieved</b>	<b>: 28 (%)</b>
(% of total days in operation)	
<b>Average Flexibility</b>	<b>: 22 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 192</b>
<b>Daily Average (MW)</b>	<b>: 171</b>
<b>Average Daily Min (MW)</b>	<b>: 144</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 91</b>
<b>Daily Average/IC (%)</b>	<b>: 81</b>
<b>Average Daily Min/IC (%)</b>	<b>: 68</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 300</b>



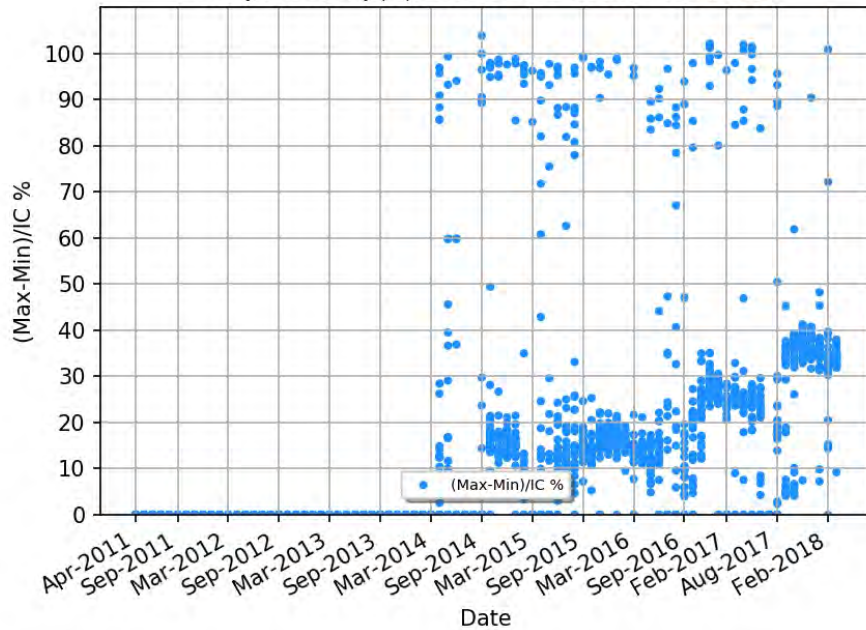
Daily Max Generation : KOTA TPS UNIT - 4 210 MW



Daily Min Generation : KOTA TPS UNIT - 4 210 MW



Daily Flexibility(%) : KOTA TPS UNIT - 4 210 MW

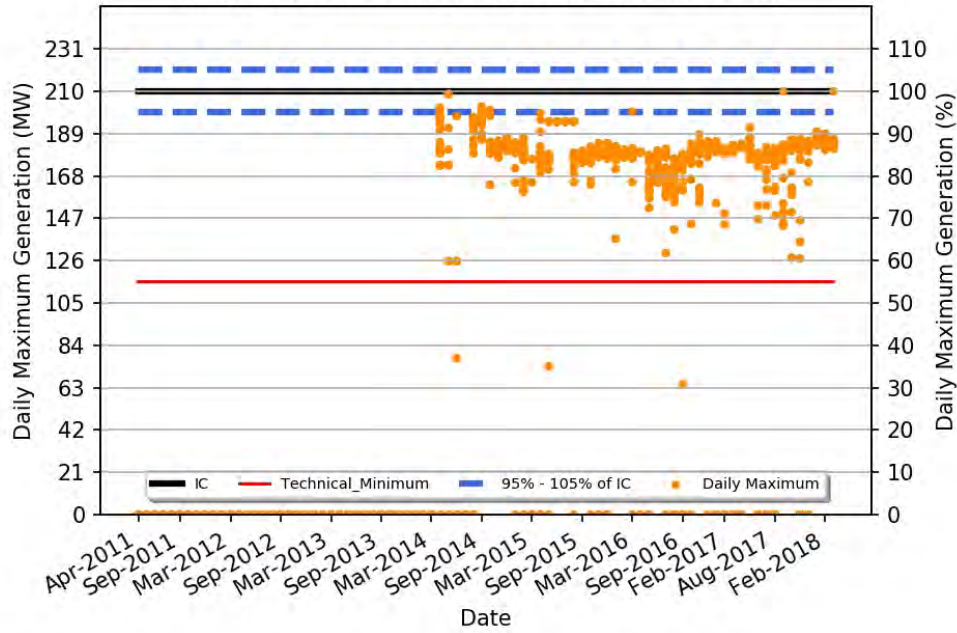


**KOTA TPS UNIT - 4 210 MW**

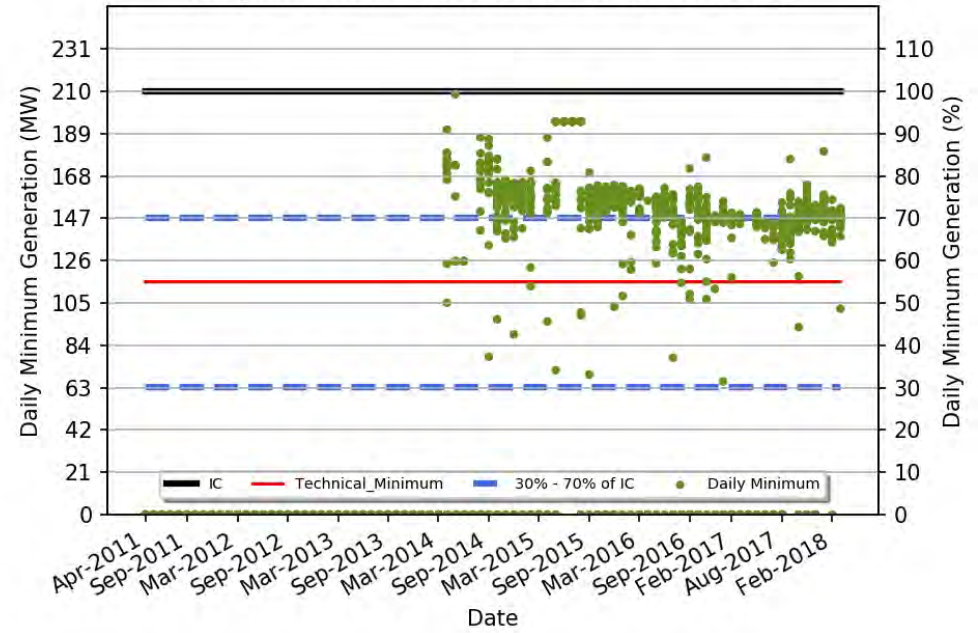
<b>Region</b>	<b>: Northern Region</b>
<b>Number of Days Considered</b>	<b>: 1081</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 71 (%)</b>
(% of total days in operation)	
<b>No. Of Days Min Generation Achieved</b>	<b>: 26 (%)</b>
(% of total days in operation)	
<b>Average Flexibility</b>	<b>: 26 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 199</b>
<b>Daily Average (MW)</b>	<b>: 175</b>
<b>Average Daily Min (MW)</b>	<b>: 145</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 95</b>
<b>Daily Average/IC (%)</b>	<b>: 83</b>
<b>Average Daily Min/IC (%)</b>	<b>: 69</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 300</b>



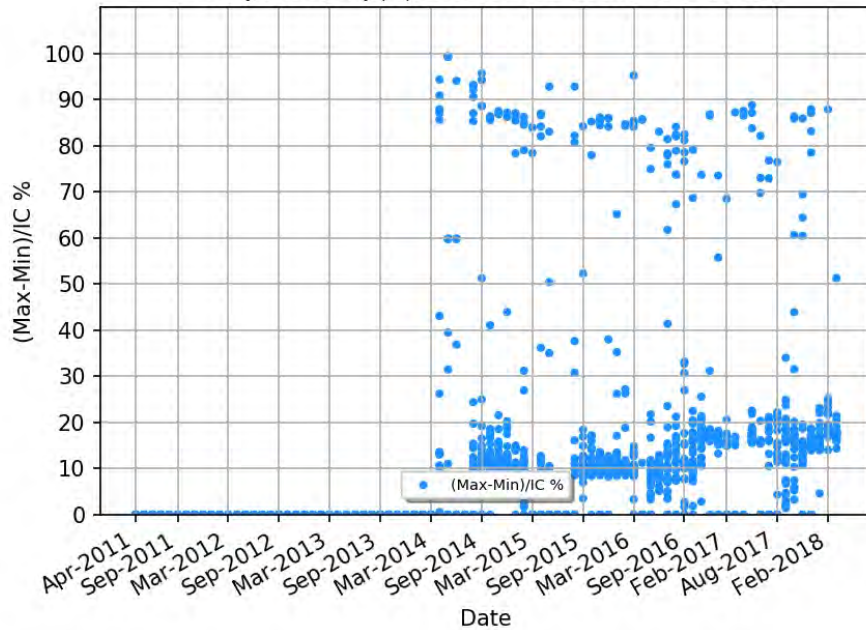
Daily Max Generation : KOTA TPS UNIT - 5 210 MW



Daily Min Generation : KOTA TPS UNIT - 5 210 MW



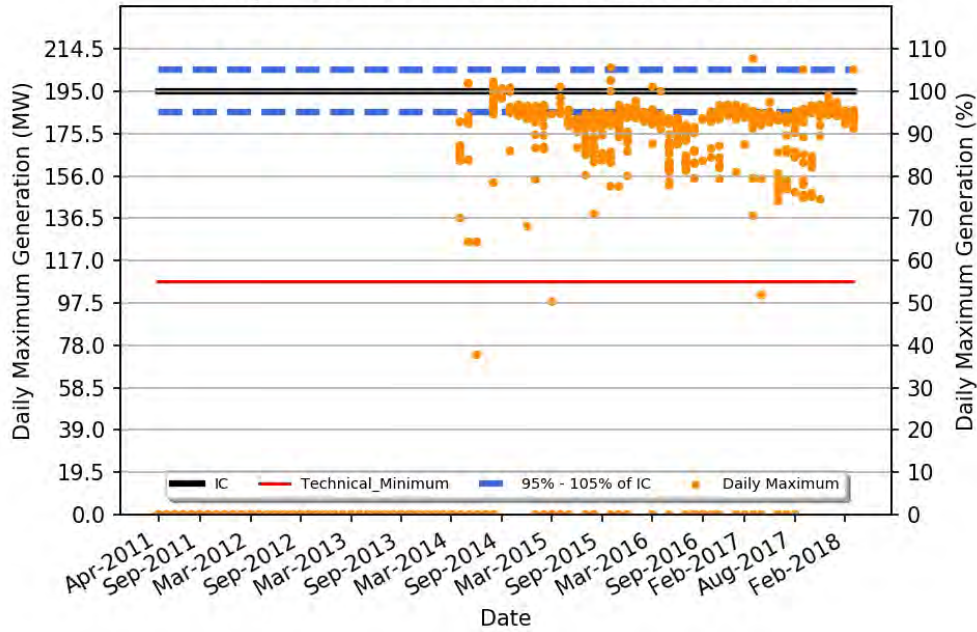
Daily Flexibility(%): KOTA TPS UNIT - 5 210 MW



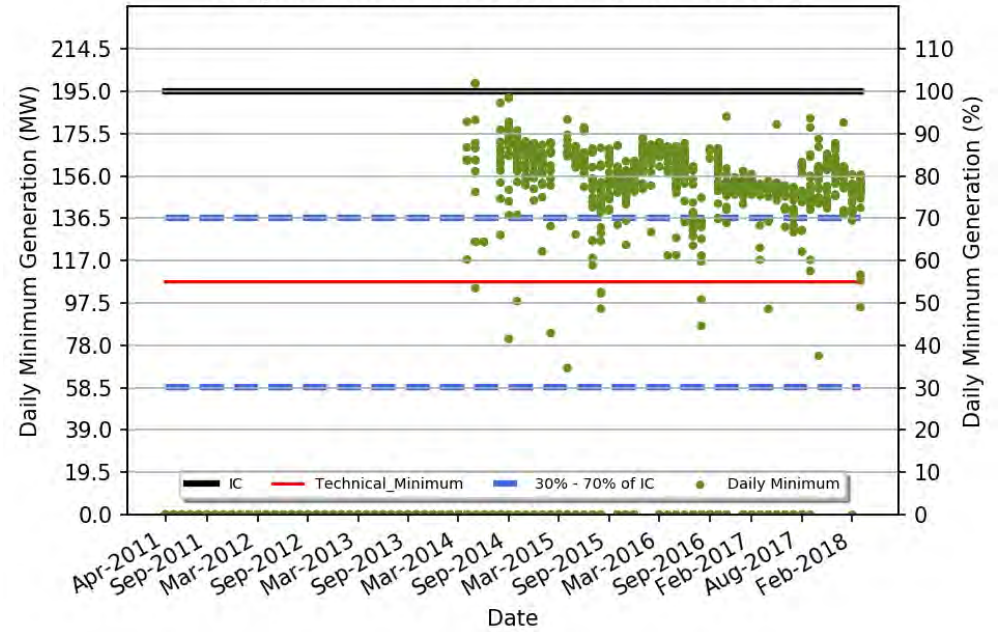
### KOTA TPS UNIT - 5 210 MW

Region	: Northern Region
Number of Days Considered	: 1080
No. Of Days Max Generation Achieved	: 2 (%)
(% of total days in operation)	
No. Of Days Min Generation Achieved	: 25 (%)
(% of total days in operation)	
Average Flexibility	: 17 (%)
Average Daily Max (MW)	: 180
Daily Average (MW)	: 165
Average Daily Min (MW)	: 142
Average Daily Max/ IC (%)	: 85
Daily Average/IC (%)	: 78
Average Daily Min/IC (%)	: 67
Variable Charge (Paisa/kWh)	: 300

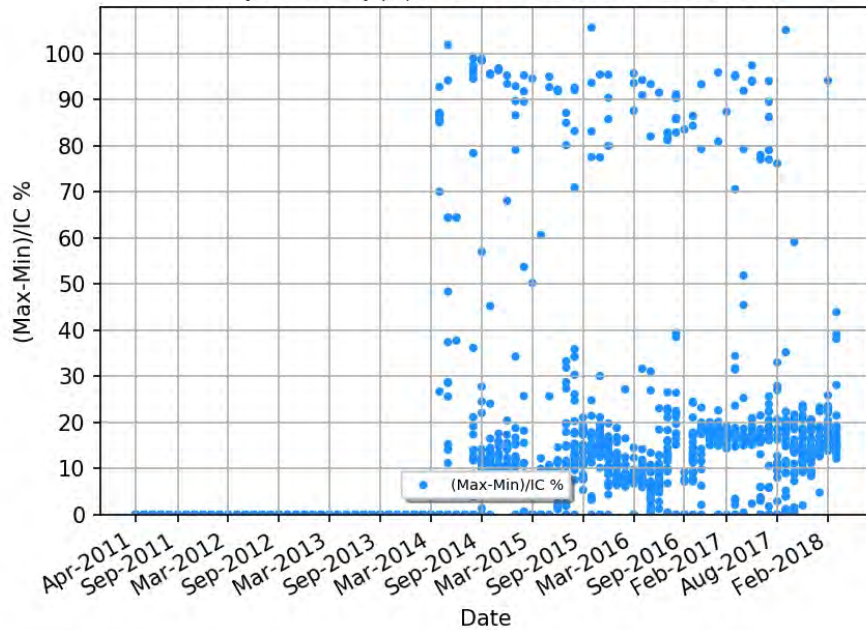
Daily Max Generation : KOTA TPS UNIT - 6 195 MW



Daily Min Generation : KOTA TPS UNIT - 6 195 MW



Daily Flexibility(%): KOTA TPS UNIT - 6 195 MW

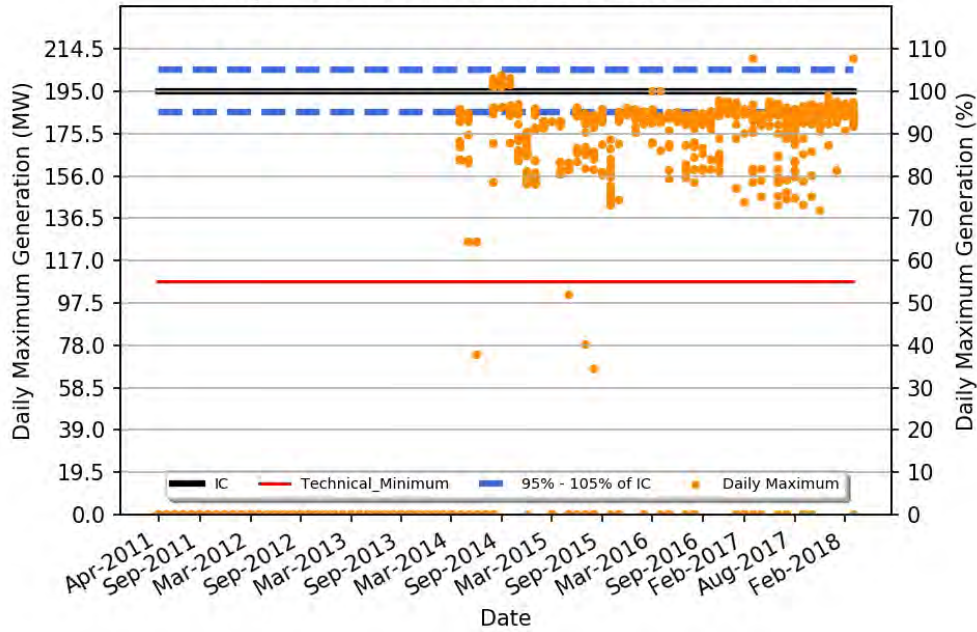


**KOTA TPS UNIT - 6 195 MW**

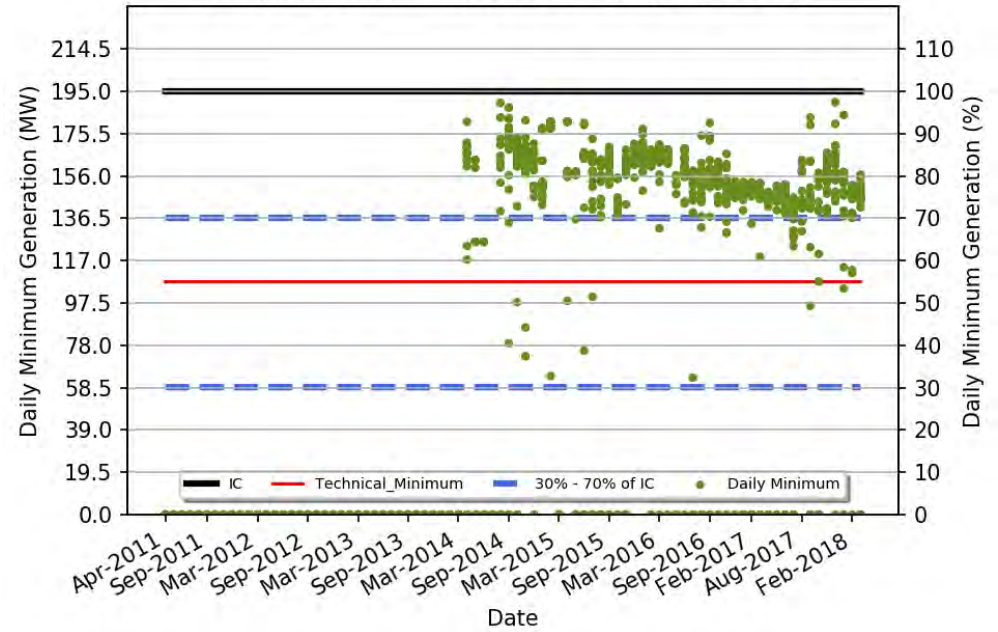
<b>Region</b>	<b>: Northern Region</b>
<b>Number of Days Considered</b>	<b>: 1155</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 31 (%)</b>
(% of total days in operation)	
<b>No. Of Days Min Generation Achieved</b>	<b>: 7 (%)</b>
(% of total days in operation)	
<b>Average Flexibility</b>	<b>: 17 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 180</b>
<b>Daily Average (MW)</b>	<b>: 165</b>
<b>Average Daily Min (MW)</b>	<b>: 145</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 92</b>
<b>Daily Average/IC (%)</b>	<b>: 84</b>
<b>Average Daily Min/IC (%)</b>	<b>: 74</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 300</b>



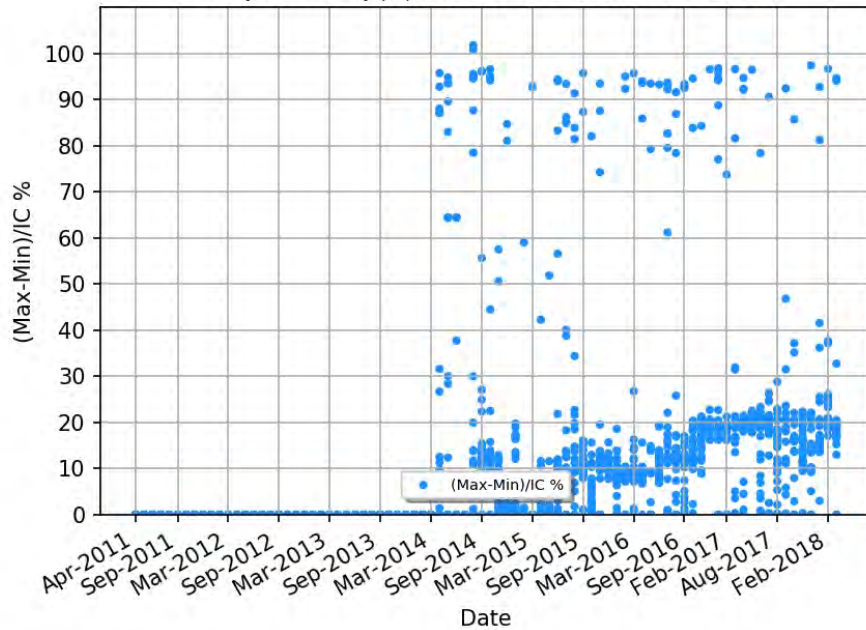
Daily Max Generation : KOTA TPS UNIT - 7 195 MW



Daily Min Generation : KOTA TPS UNIT - 7 195 MW



Daily Flexibility(%): KOTA TPS UNIT - 7 195 MW

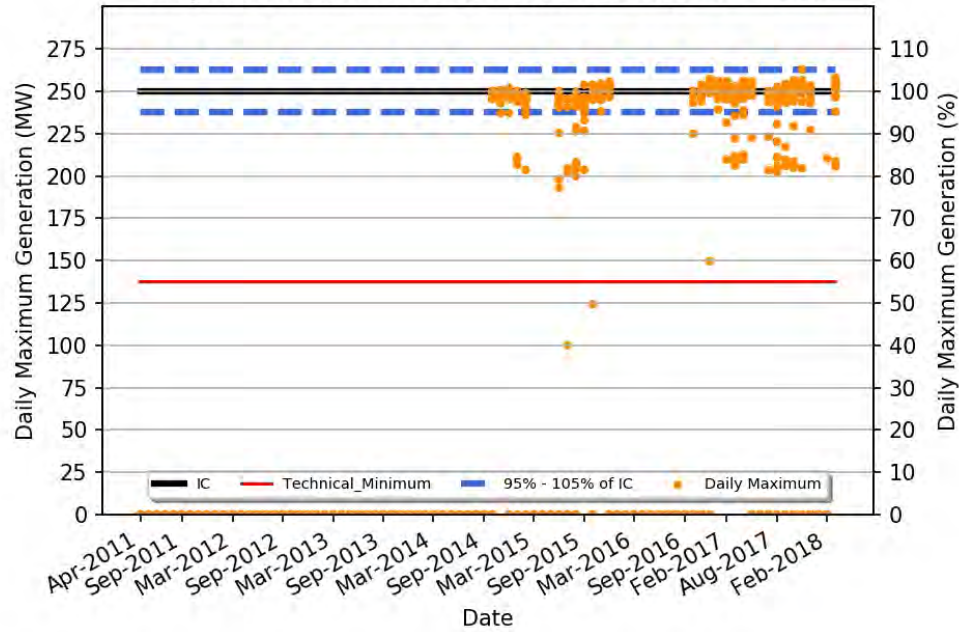


### KOTA TPS UNIT - 7 195 MW

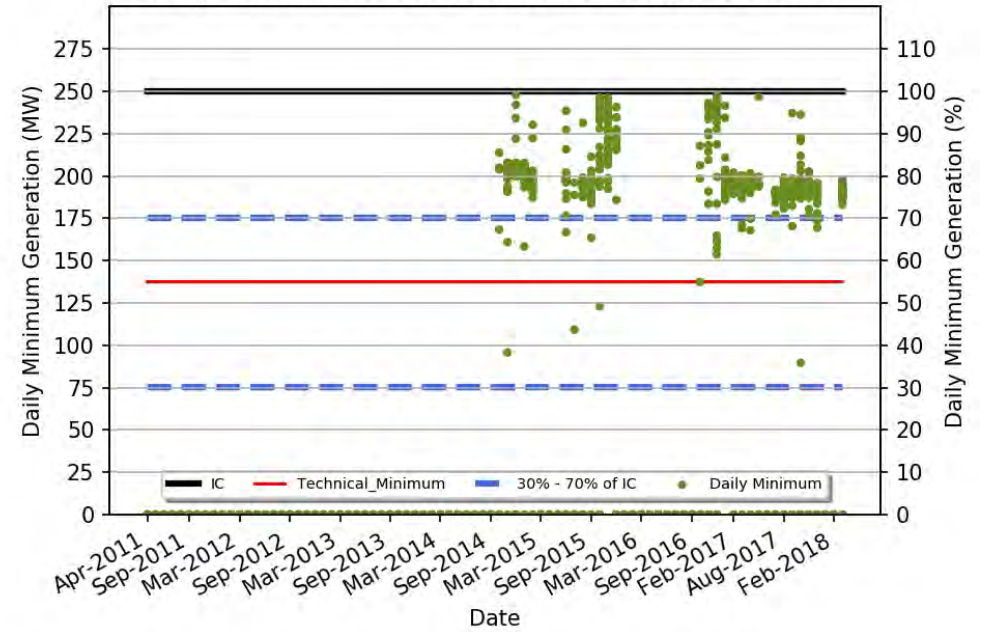
<b>Region</b>	<b>: Northern Region</b>
<b>Number of Days Considered</b>	<b>: 1180</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 27 (%)</b>
<i>(% of total days in operation)</i>	
<b>No. Of Days Min Generation Achieved</b>	<b>: 5 (%)</b>
<i>(% of total days in operation)</i>	
<b>Average Flexibility</b>	<b>: 17 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 178</b>
<b>Daily Average (MW)</b>	<b>: 164</b>
<b>Average Daily Min (MW)</b>	<b>: 144</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 91</b>
<b>Daily Average/IC (%)</b>	<b>: 84</b>
<b>Average Daily Min/IC (%)</b>	<b>: 74</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 300</b>



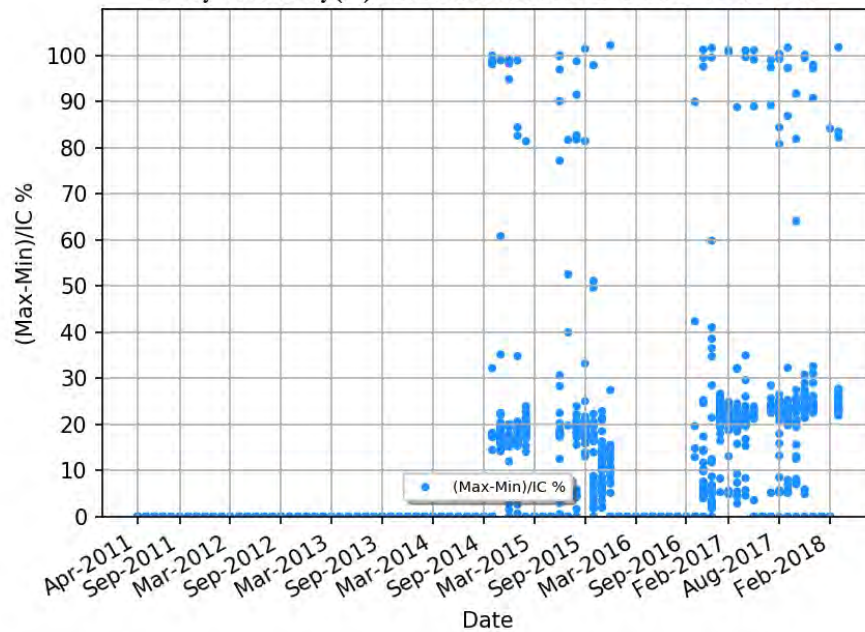
Daily Max Generation : SURATGARH TPS UNIT - 1 250 MW



Daily Min Generation : SURATGARH TPS UNIT - 1 250 MW



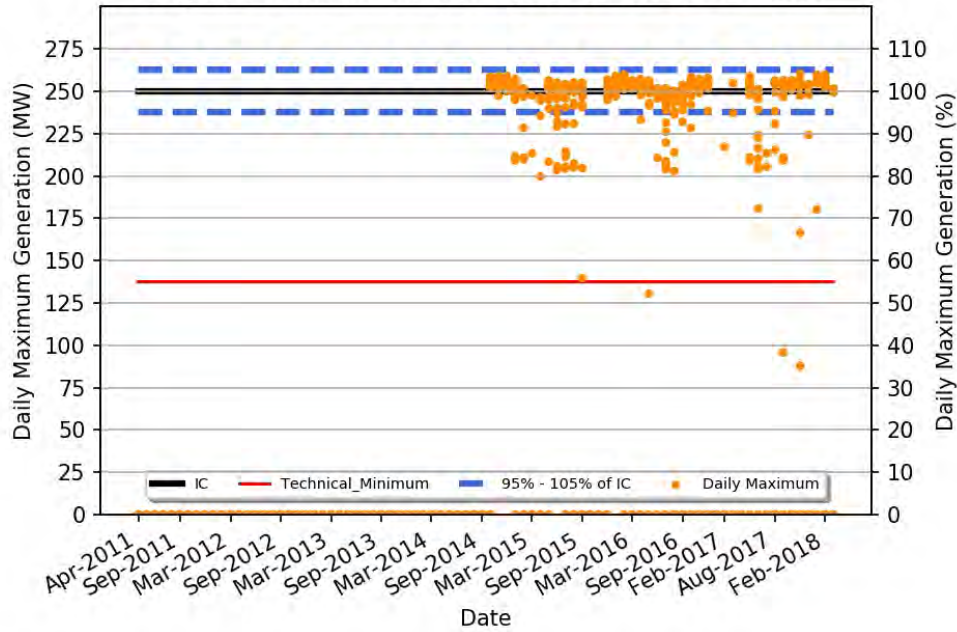
Daily Flexibility(%) : SURATGARH TPS UNIT - 1 250 MW



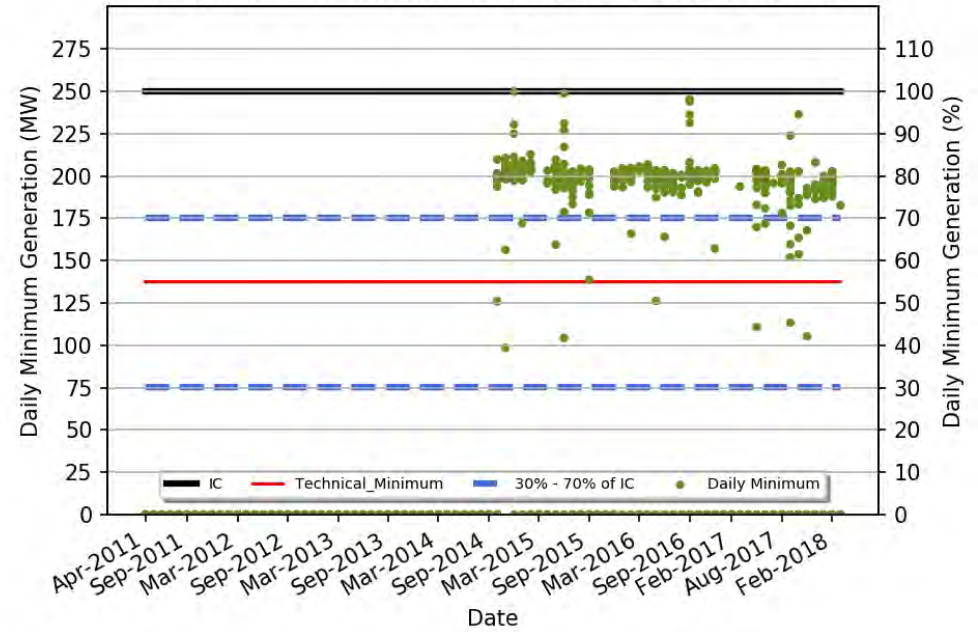
**SURATGARH TPS UNIT - 1 250 MW**

<b>Region</b>	<b>: Northern Region</b>
<b>Number of Days Considered</b>	<b>: 609</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 90 (%)</b>
<i>(% of total days in operation)</i>	
<b>No. Of Days Min Generation Achieved</b>	<b>: 3 (%)</b>
<i>(% of total days in operation)</i>	
<b>Average Flexibility</b>	<b>: 24 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 245</b>
<b>Daily Average (MW)</b>	<b>: 216</b>
<b>Average Daily Min (MW)</b>	<b>: 184</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 98</b>
<b>Daily Average/IC (%)</b>	<b>: 86</b>
<b>Average Daily Min/IC (%)</b>	<b>: 73</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 330</b>

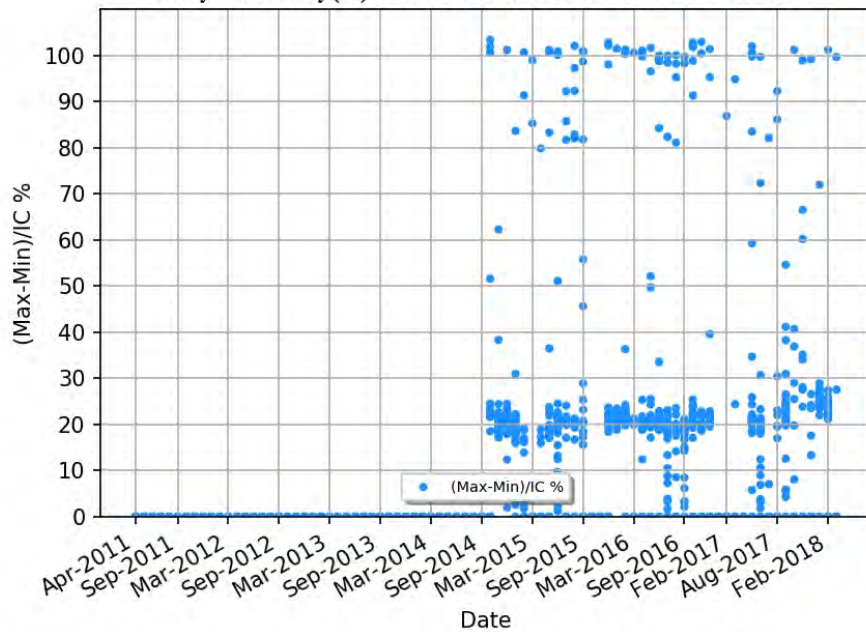
Daily Max Generation : SURATGARH TPS UNIT - 2 250 MW



Daily Min Generation : SURATGARH TPS UNIT - 2 250 MW



Daily Flexibility(%) : SURATGARH TPS UNIT - 2 250 MW

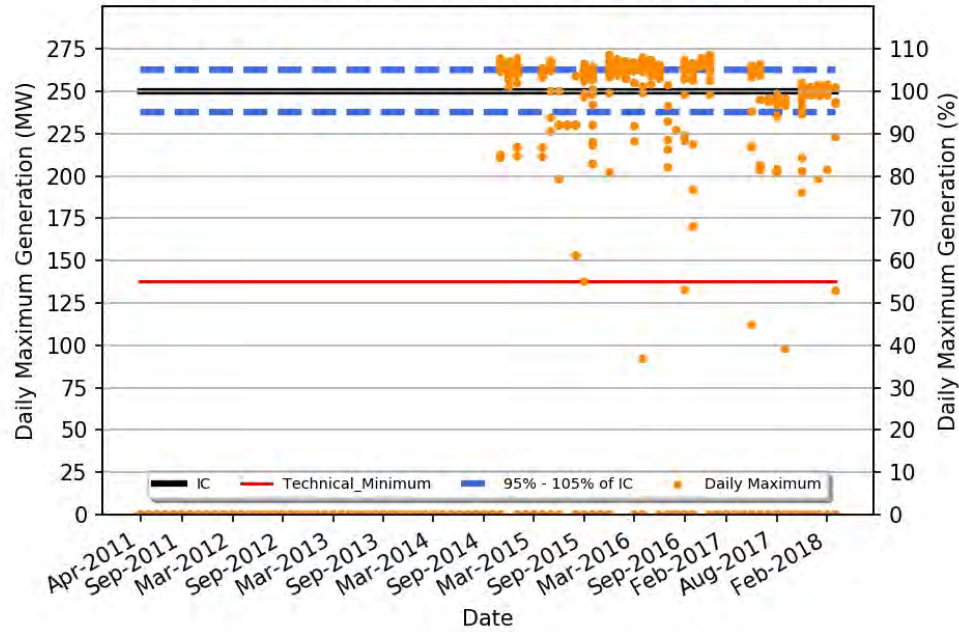


**SURATGARH TPS UNIT - 2 250 MW**

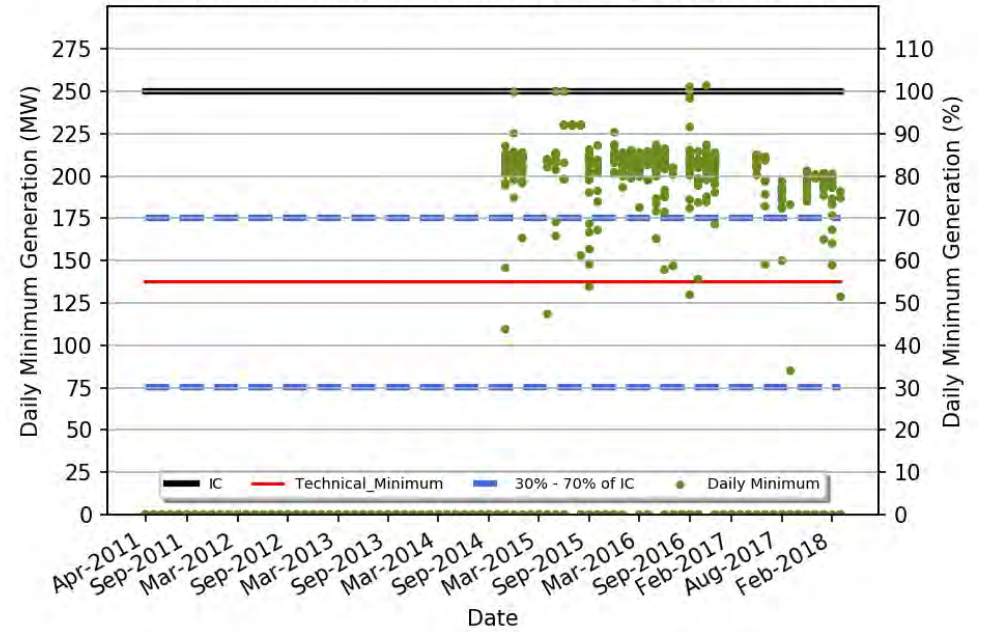
<b>Region</b>	<b>: Northern Region</b>
<b>Number of Days Considered</b>	<b>: 616</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 92 (%)</b>
(% of total days in operation)	
<b>No. Of Days Min Generation Achieved</b>	<b>: 3 (%)</b>
(% of total days in operation)	
<b>Average Flexibility</b>	<b>: 28 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 249</b>
<b>Daily Average (MW)</b>	<b>: 214</b>
<b>Average Daily Min (MW)</b>	<b>: 177</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 99</b>
<b>Daily Average/IC (%)</b>	<b>: 85</b>
<b>Average Daily Min/IC (%)</b>	<b>: 70</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 330</b>



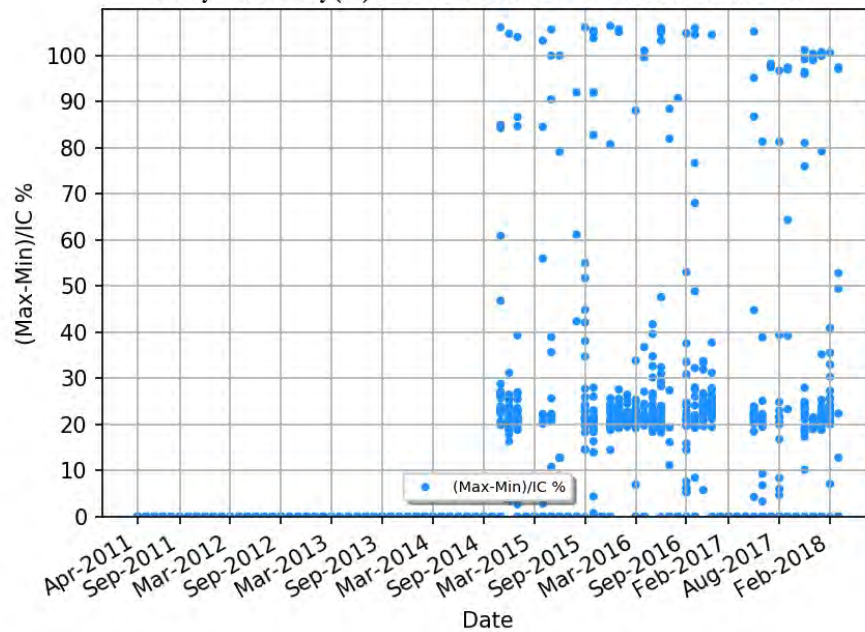
Daily Max Generation : SURATGARH TPS UNIT - 3 250 MW



Daily Min Generation : SURATGARH TPS UNIT - 3 250 MW



Daily Flexibility(%) : SURATGARH TPS UNIT - 3 250 MW

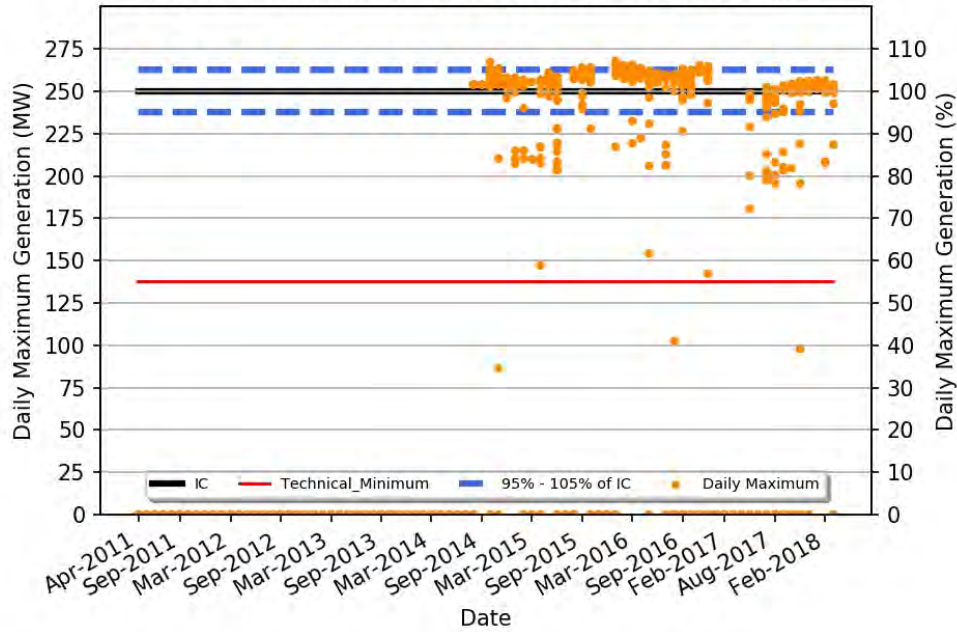


**SURATGARH TPS UNIT - 3 250 MW**

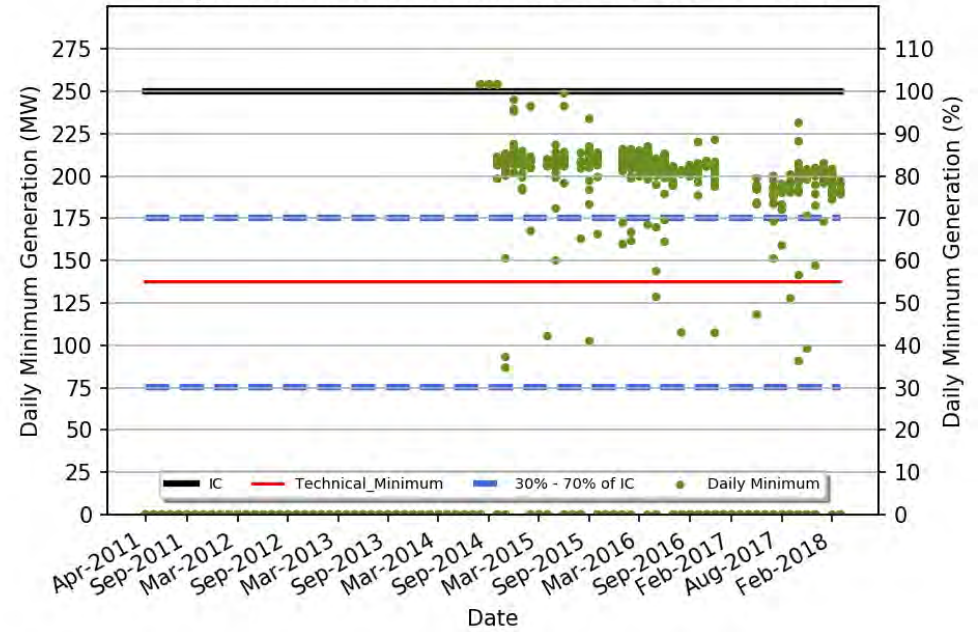
<b>Region</b>	<b>: Northern Region</b>
<b>Number of Days Considered</b>	<b>: 642</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 38 (%)</b>
<i>(% of total days in operation)</i>	
<b>No. Of Days Min Generation Achieved</b>	<b>: 4 (%)</b>
<i>(% of total days in operation)</i>	
<b>Average Flexibility</b>	<b>: 26 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 254</b>
<b>Daily Average (MW)</b>	<b>: 223</b>
<b>Average Daily Min (MW)</b>	<b>: 188</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 101</b>
<b>Daily Average/IC (%)</b>	<b>: 89</b>
<b>Average Daily Min/IC (%)</b>	<b>: 75</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 330</b>



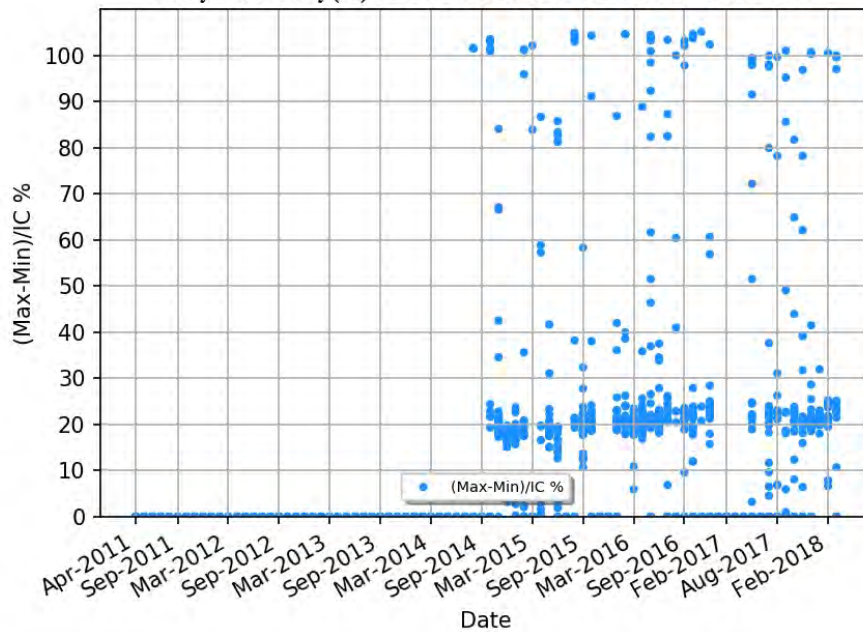
Daily Max Generation : SURATGARH TPS UNIT - 4 250 MW



Daily Min Generation : SURATGARH TPS UNIT - 4 250 MW



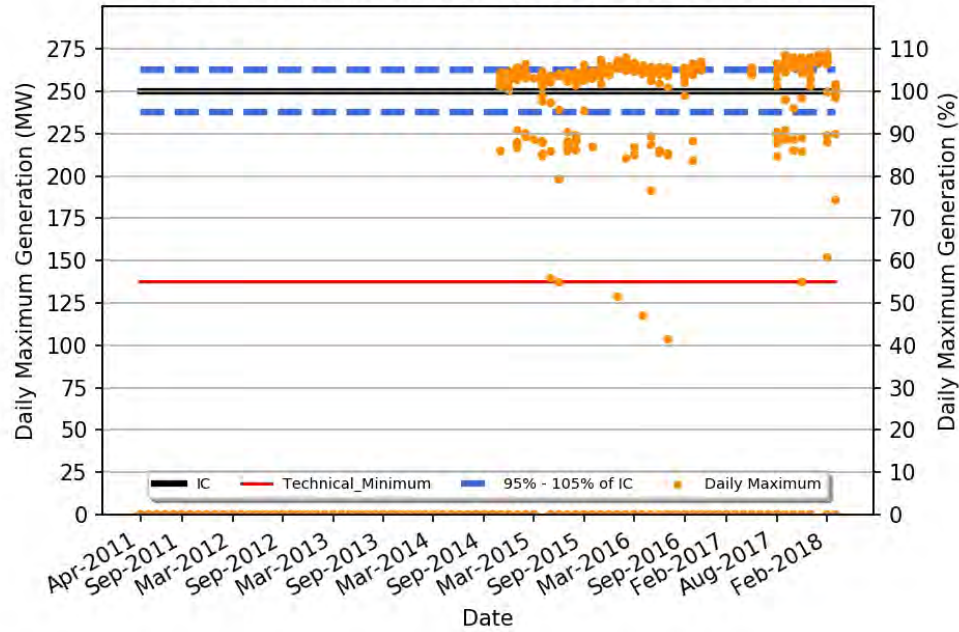
Daily Flexibility(%) : SURATGARH TPS UNIT - 4 250 MW



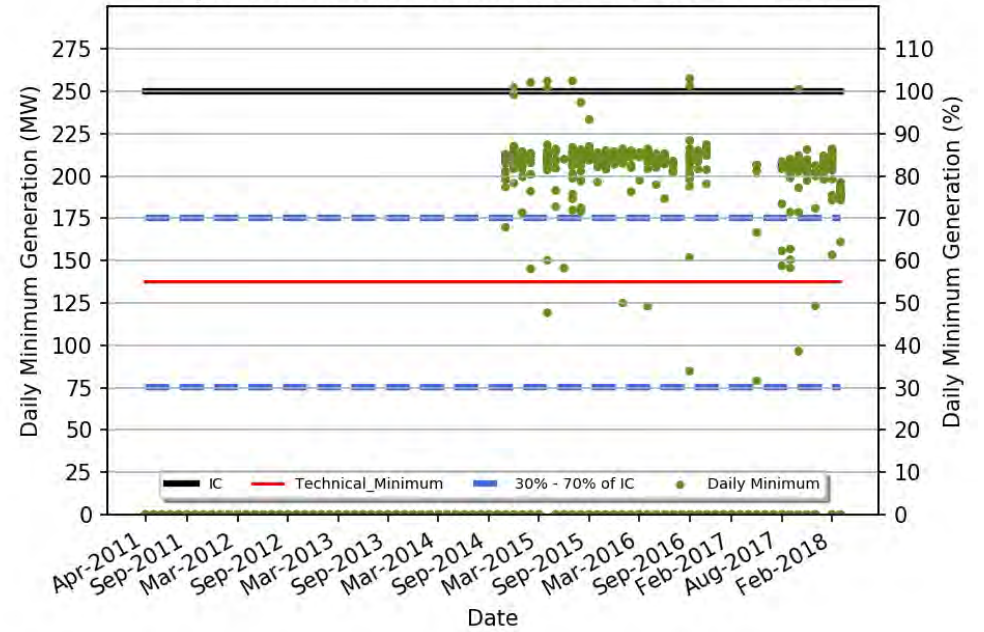
**SURATGARH TPS UNIT - 4 250 MW**

<b>Region</b>	<b>: Northern Region</b>
<b>Number of Days Considered</b>	<b>: 709</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 88 (%)</b>
<i>(% of total days in operation)</i>	
<b>No. Of Days Min Generation Achieved</b>	<b>: 4 (%)</b>
<i>(% of total days in operation)</i>	
<b>Average Flexibility</b>	<b>: 25 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 253</b>
<b>Daily Average (MW)</b>	<b>: 222</b>
<b>Average Daily Min (MW)</b>	<b>: 188</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 101</b>
<b>Daily Average/IC (%)</b>	<b>: 88</b>
<b>Average Daily Min/IC (%)</b>	<b>: 75</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 330</b>

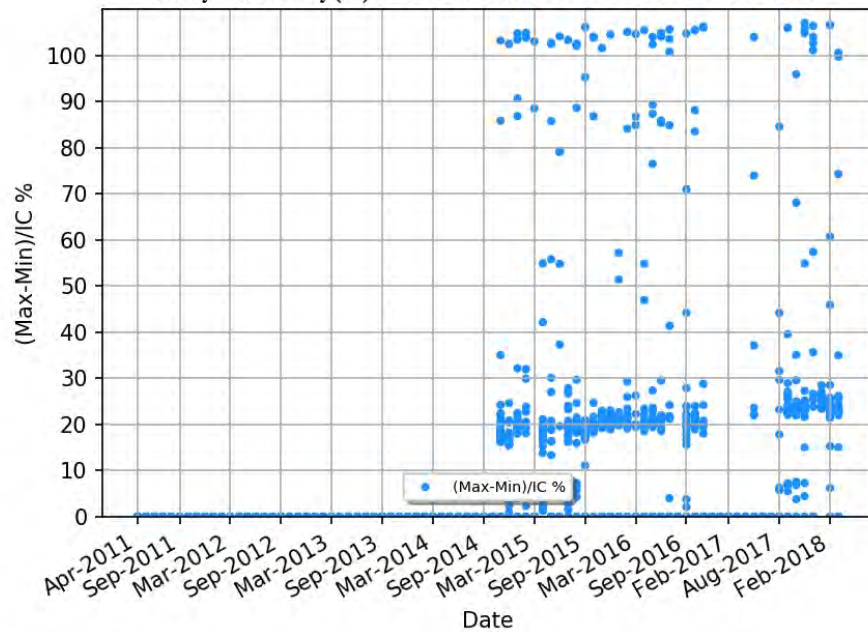
Daily Max Generation : SURATGARH TPS UNIT - 5 250 MW



Daily Min Generation : SURATGARH TPS UNIT - 5 250 MW



Daily Flexibility(%) : SURATGARH TPS UNIT - 5 250 MW

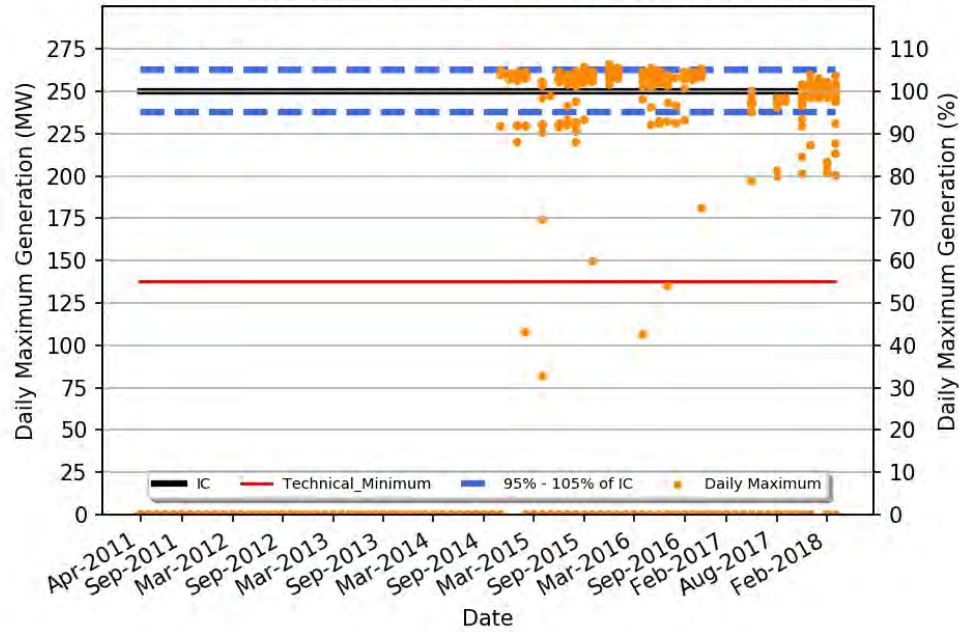


**SURATGARH TPS UNIT - 5 250 MW**

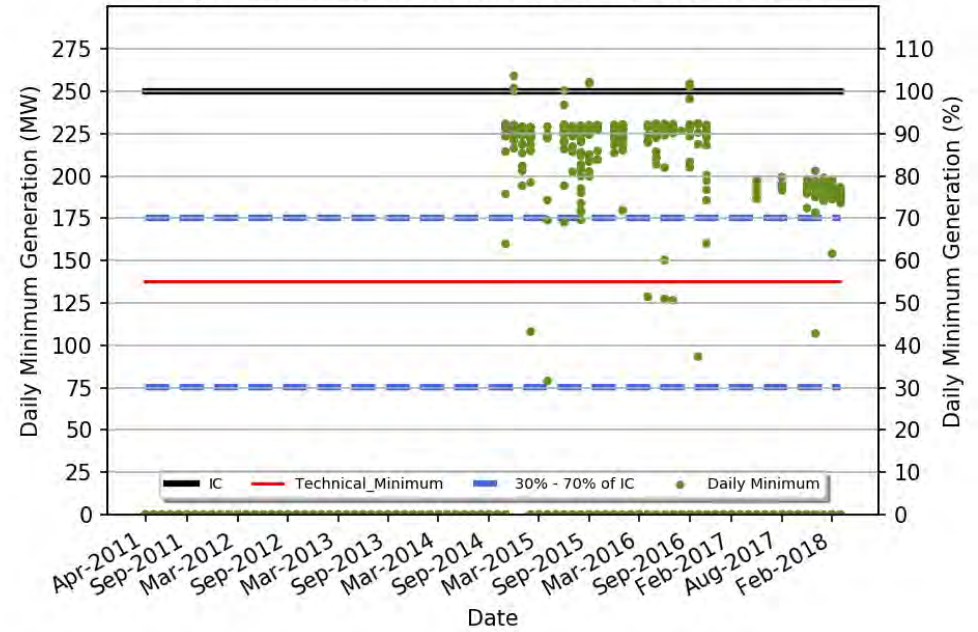
<b>Region</b>	<b>: Northern Region</b>
<b>Number of Days Considered</b>	<b>: 571</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 54 (%)</b>
(% of total days in operation)	
<b>No. Of Days Min Generation Achieved</b>	<b>: 3 (%)</b>
(% of total days in operation)	
<b>Average Flexibility</b>	<b>: 28 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 257</b>
<b>Daily Average (MW)</b>	<b>: 222</b>
<b>Average Daily Min (MW)</b>	<b>: 185</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 103</b>
<b>Daily Average/IC (%)</b>	<b>: 89</b>
<b>Average Daily Min/IC (%)</b>	<b>: 74</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 330</b>



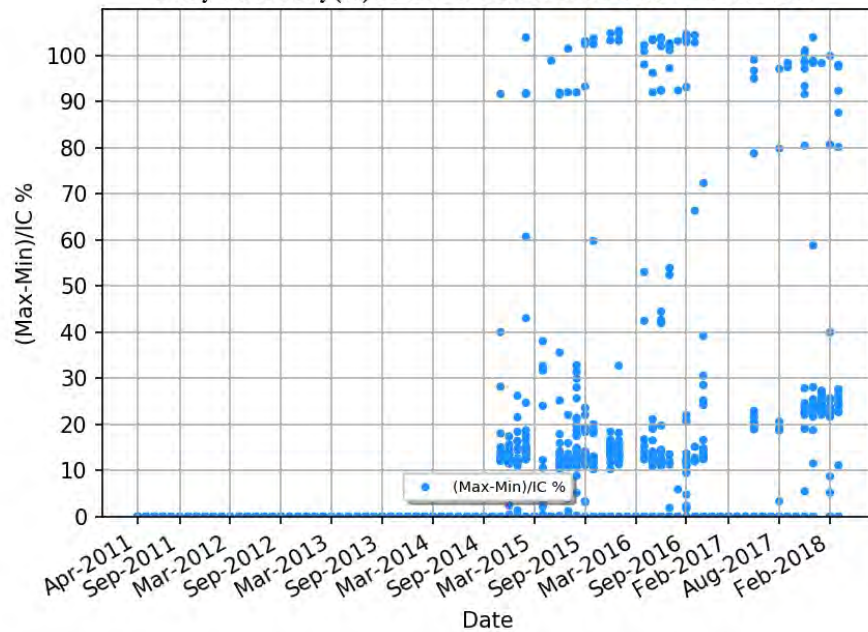
Daily Max Generation : SURATGARH TPS UNIT - 6 250 MW



Daily Min Generation : SURATGARH TPS UNIT - 6 250 MW



Daily Flexibility(%) : SURATGARH TPS UNIT - 6 250 MW



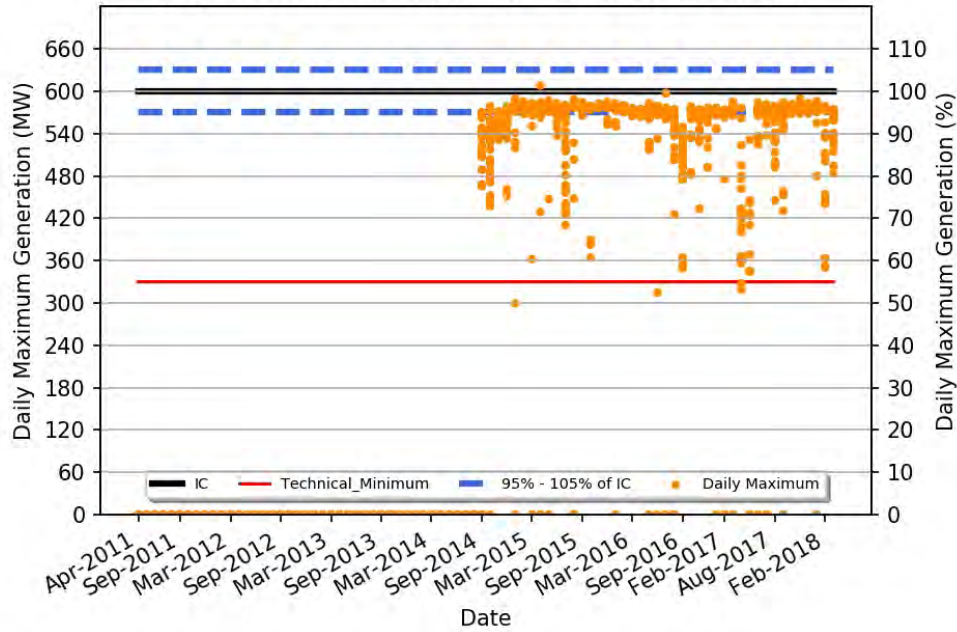
**SURATGARH TPS UNIT - 6 250 MW**

<b>Region</b>	<b>: Northern Region</b>
<b>Number of Days Considered</b>	<b>: 504</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 88 (%)</b>
(% of total days in operation)	
<b>No. Of Days Min Generation Achieved</b>	<b>: 2 (%)</b>
(% of total days in operation)	
<b>Average Flexibility</b>	<b>: 26 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 254</b>
<b>Daily Average (MW)</b>	<b>: 226</b>
<b>Average Daily Min (MW)</b>	<b>: 189</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 101</b>
<b>Daily Average/IC (%)</b>	<b>: 90</b>
<b>Average Daily Min/IC (%)</b>	<b>: 75</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 330</b>

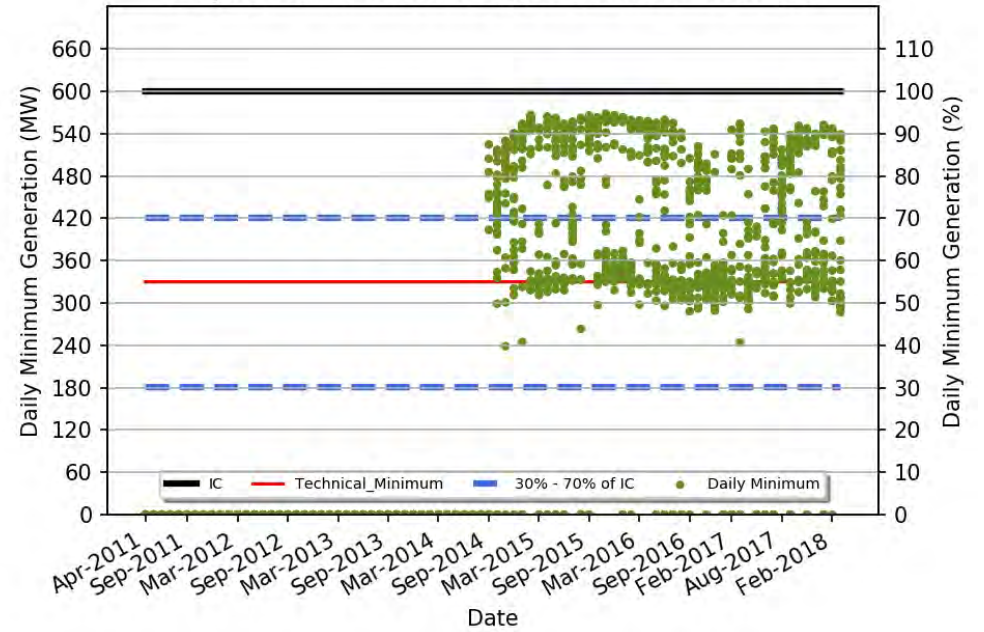


# UTTAR PRADESH

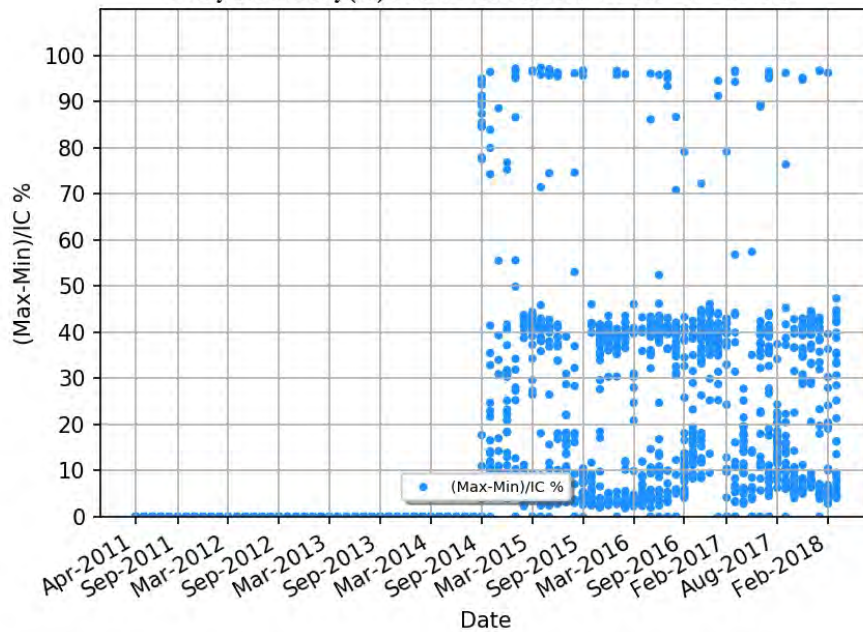
Daily Max Generation : ANPARA C TPS UNIT - 1 600 MW



Daily Min Generation : ANPARA C TPS UNIT - 1 600 MW



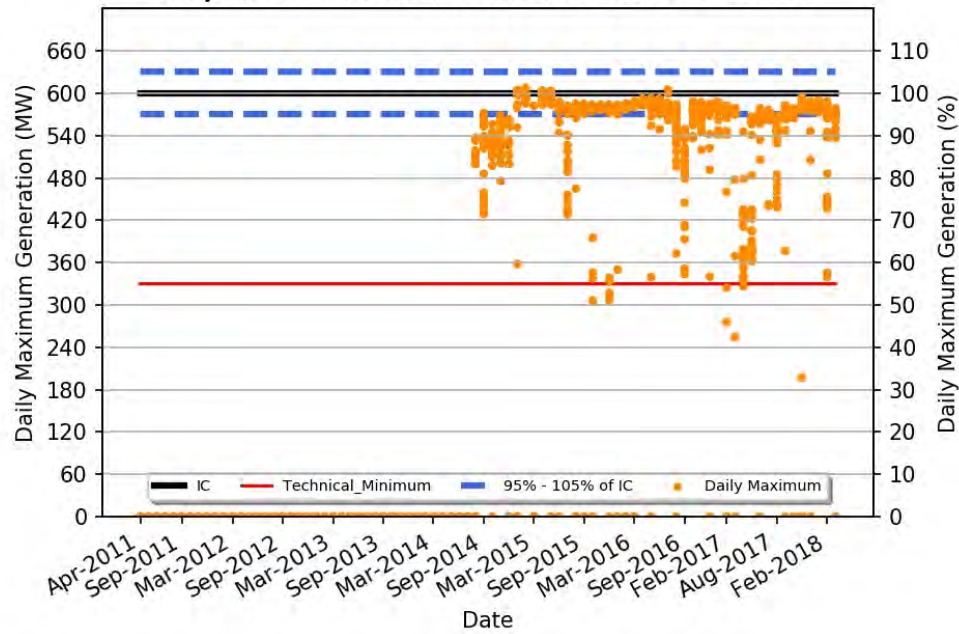
Daily Flexibility(%) : ANPARA C TPS UNIT - 1 600 MW



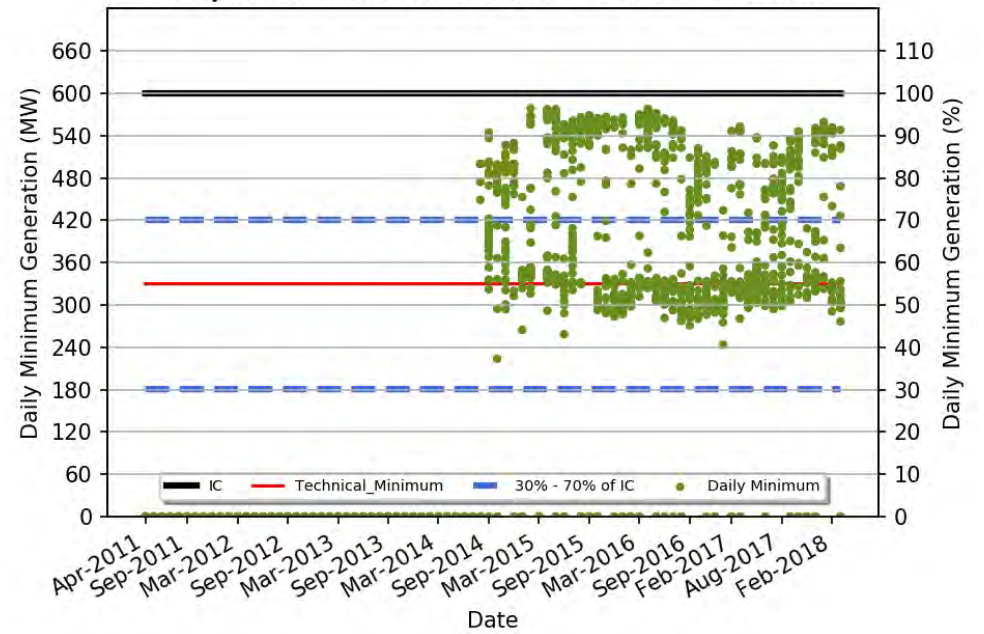
### ANPARA C TPS UNIT - 1 600 MW

<b>Region</b>	<b>: Northern Region</b>
<b>Number of Days Considered</b>	<b>: 1192</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 60 (%)</b>
(% of total days in operation)	
<b>No. Of Days Min Generation Achieved</b>	<b>: 47 (%)</b>
(% of total days in operation)	
<b>Average Flexibility</b>	<b>: 24 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 555</b>
<b>Daily Average (MW)</b>	<b>: 504</b>
<b>Average Daily Min (MW)</b>	<b>: 406</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 92</b>
<b>Daily Average/IC (%)</b>	<b>: 84</b>
<b>Average Daily Min/IC (%)</b>	<b>: 67</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 206</b>

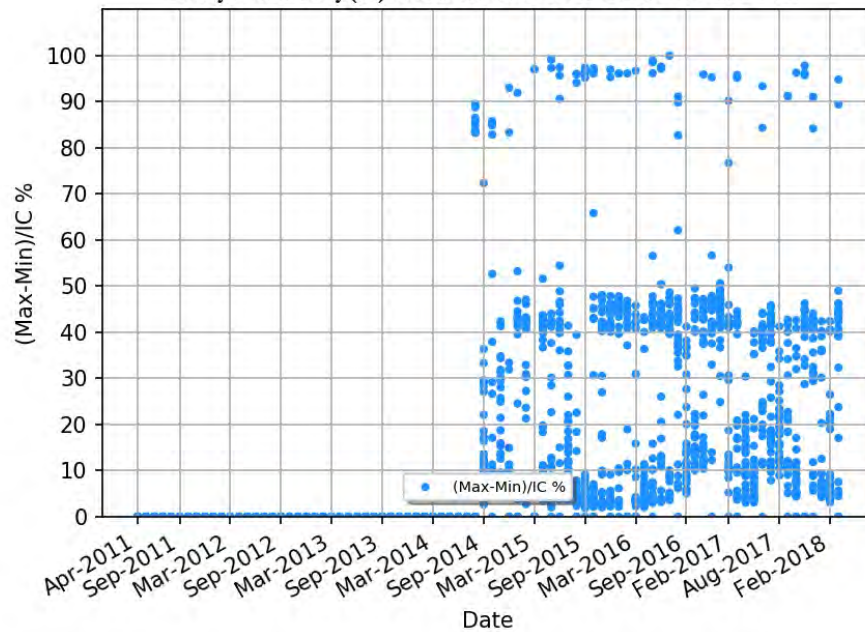
Daily Max Generation : ANPARA C TPS UNIT - 2 600 MW



Daily Min Generation : ANPARA C TPS UNIT - 2 600 MW



Daily Flexibility(%) : ANPARA C TPS UNIT - 2 600 MW

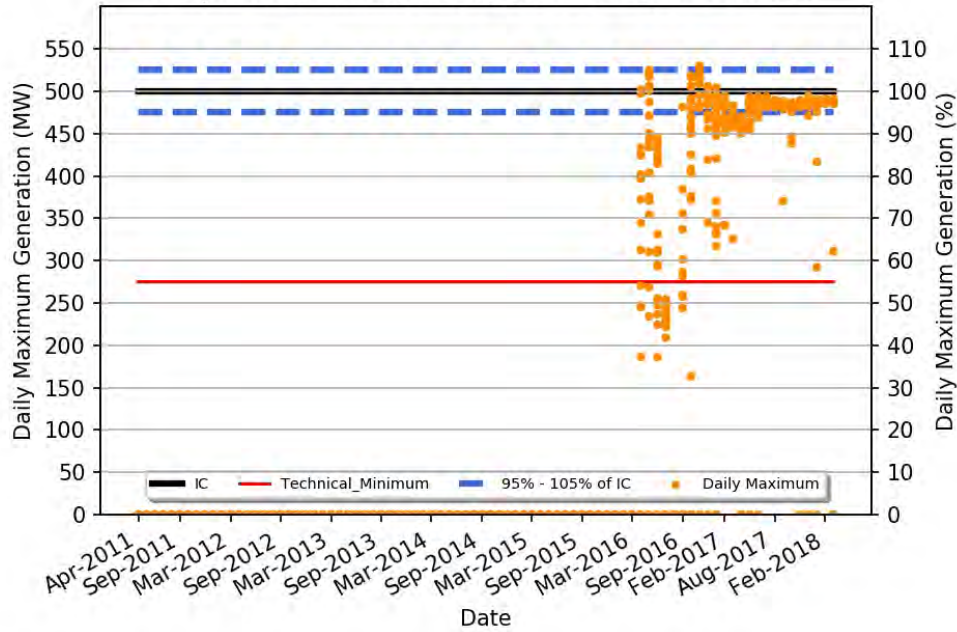


**ANPARA C TPS UNIT - 2 600 MW**

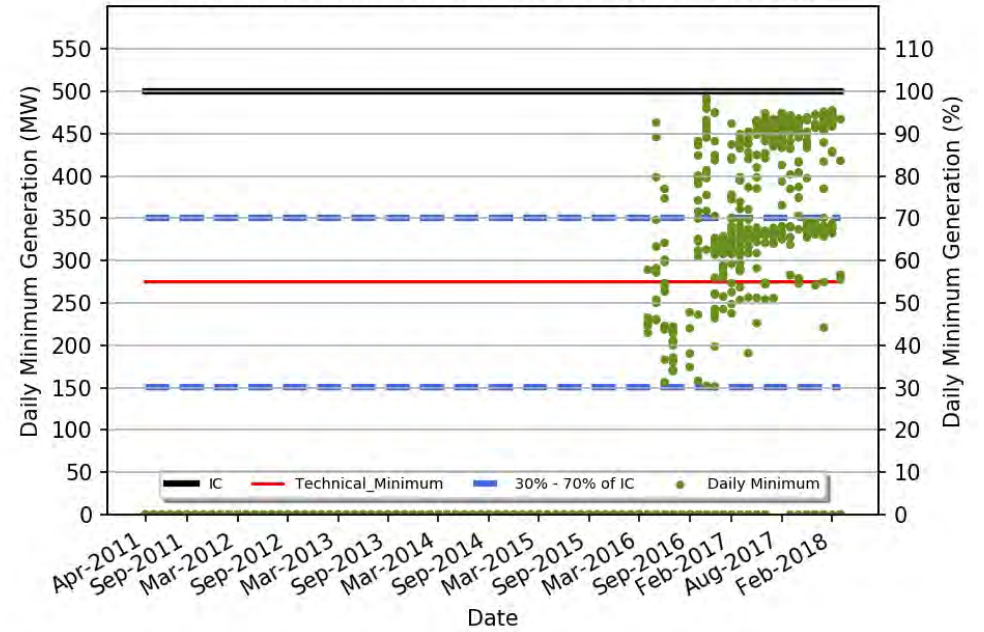
<b>Region</b>	<b>: Northern Region</b>
<b>Number of Days Considered</b>	<b>: 1168</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 63 (%)</b>
(% of total days in operation)	
<b>No. Of Days Min Generation Achieved</b>	<b>: 51 (%)</b>
(% of total days in operation)	
<b>Average Flexibility</b>	<b>: 26 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 553</b>
<b>Daily Average (MW)</b>	<b>: 498</b>
<b>Average Daily Min (MW)</b>	<b>: 395</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 92</b>
<b>Daily Average/IC (%)</b>	<b>: 83</b>
<b>Average Daily Min/IC (%)</b>	<b>: 65</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 206</b>



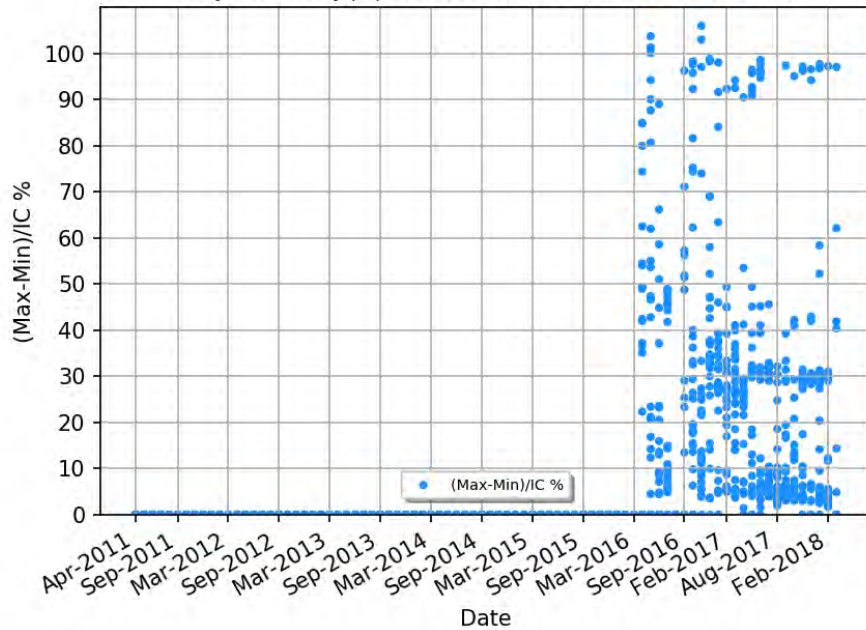
Daily Max Generation : ANPARA D TPS UNIT - 1 500 MW



Daily Min Generation : ANPARA D TPS UNIT - 1 500 MW



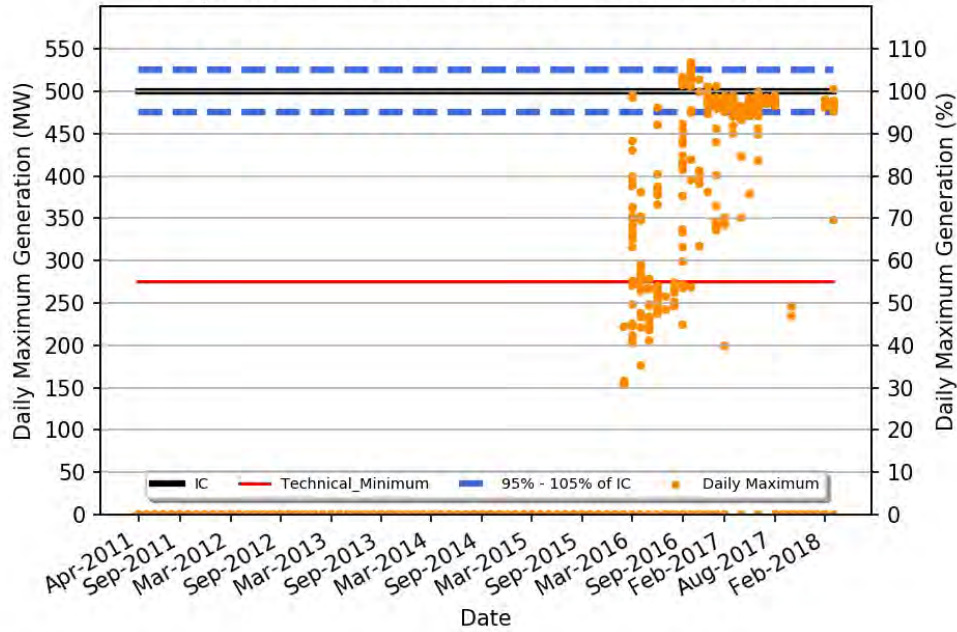
Daily Flexibility(%) : ANPARA D TPS UNIT - 1 500 MW



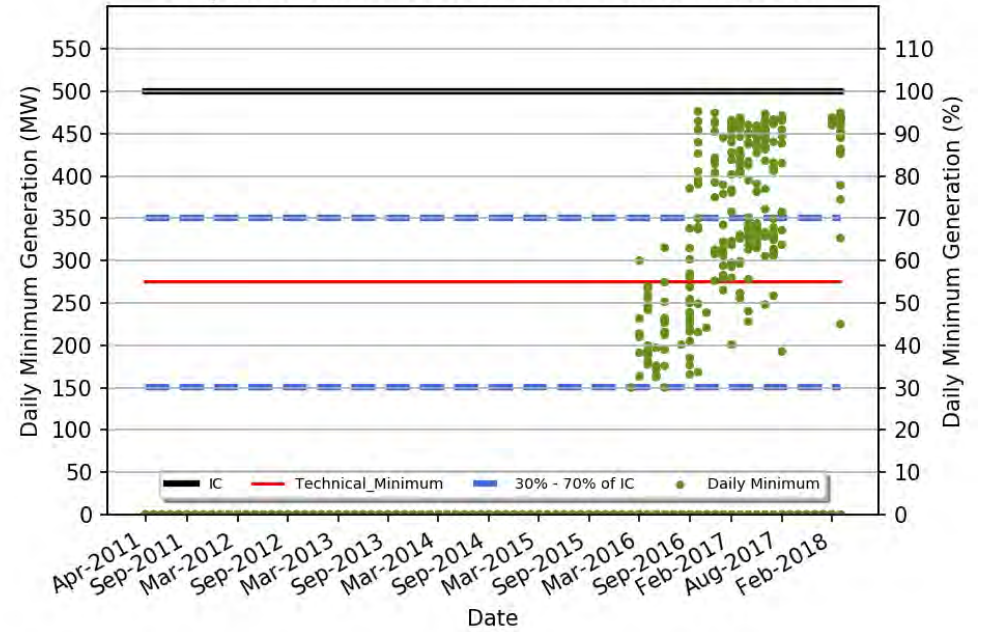
**ANPARA D TPS UNIT - 1 500 MW**

<b>Region</b>	<b>: Northern Region</b>
<b>Number of Days Considered</b>	<b>: 567</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 65 (%)</b>
(% of total days in operation)	
<b>No. Of Days Min Generation Achieved</b>	<b>: 43 (%)</b>
(% of total days in operation)	
<b>Average Flexibility</b>	<b>: 26 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 460</b>
<b>Daily Average (MW)</b>	<b>: 414</b>
<b>Average Daily Min (MW)</b>	<b>: 325</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 92</b>
<b>Daily Average/IC (%)</b>	<b>: 82</b>
<b>Average Daily Min/IC (%)</b>	<b>: 65</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 126</b>

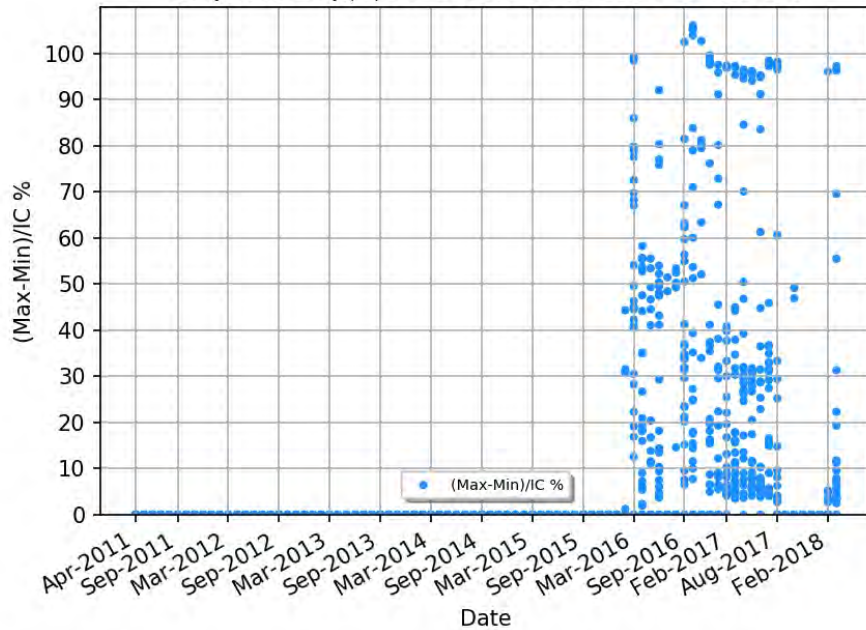
Daily Max Generation : ANPARA D TPS UNIT - 2 500 MW



Daily Min Generation : ANPARA D TPS UNIT - 2 500 MW



Daily Flexibility(%) : ANPARA D TPS UNIT - 2 500 MW

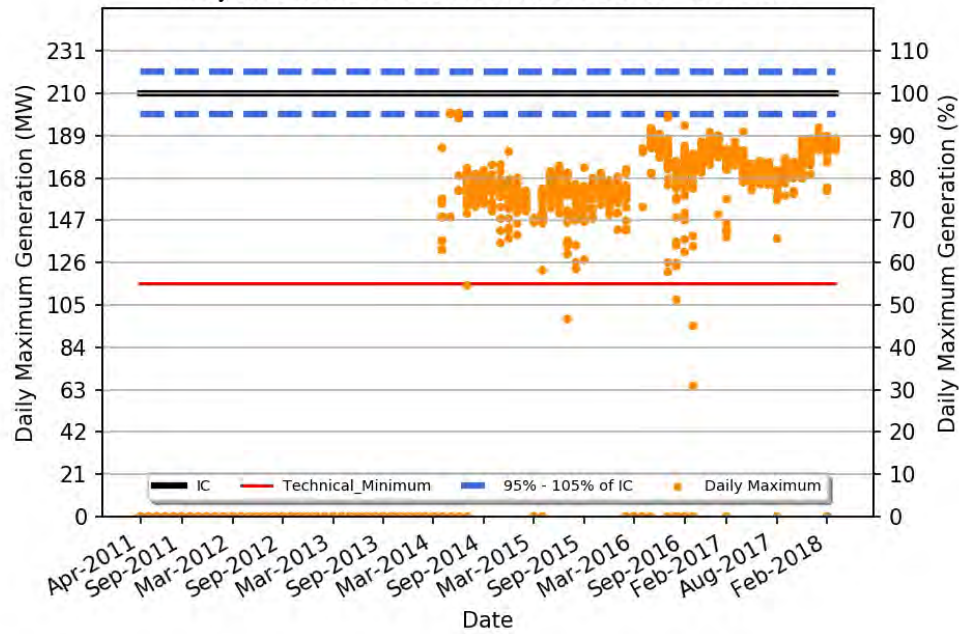


**ANPARA D TPS UNIT - 2 500 MW**

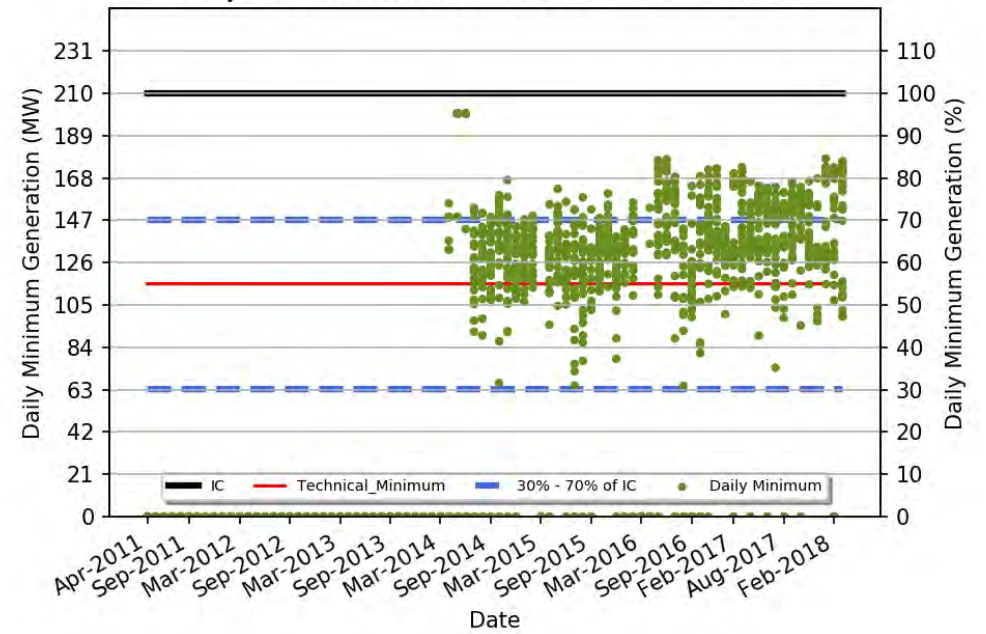
<b>Region</b>	<b>: Northern Region</b>
<b>Number of Days Considered</b>	<b>: 380</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 62 (%)</b>
(% of total days in operation)	
<b>No. Of Days Min Generation Achieved</b>	<b>: 38 (%)</b>
(% of total days in operation)	
<b>Average Flexibility</b>	<b>: 32 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 443</b>
<b>Daily Average (MW)</b>	<b>: 385</b>
<b>Average Daily Min (MW)</b>	<b>: 279</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 88</b>
<b>Daily Average/IC (%)</b>	<b>: 77</b>
<b>Average Daily Min/IC (%)</b>	<b>: 55</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 126</b>



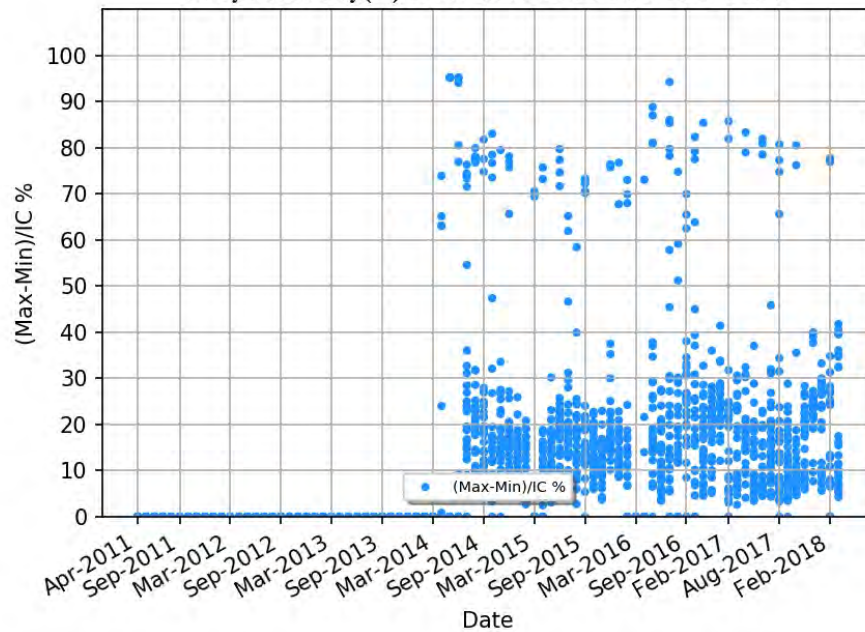
Daily Max Generation : ANPARA TPS UNIT - 1 210 MW



Daily Min Generation : ANPARA TPS UNIT - 1 210 MW



Daily Flexibility(%) : ANPARA TPS UNIT - 1 210 MW

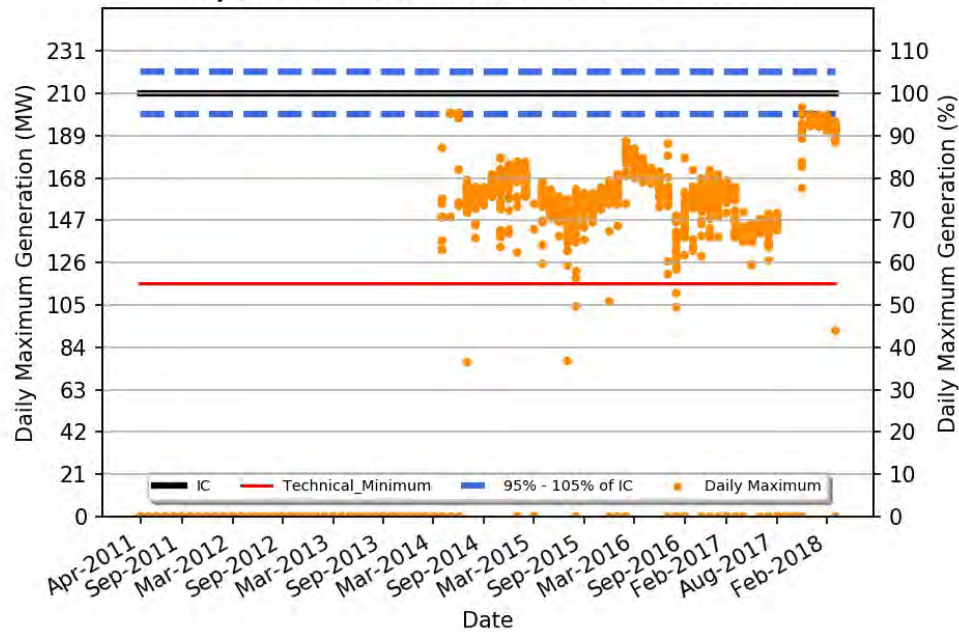


### ANPARA TPS UNIT - 1 210 MW

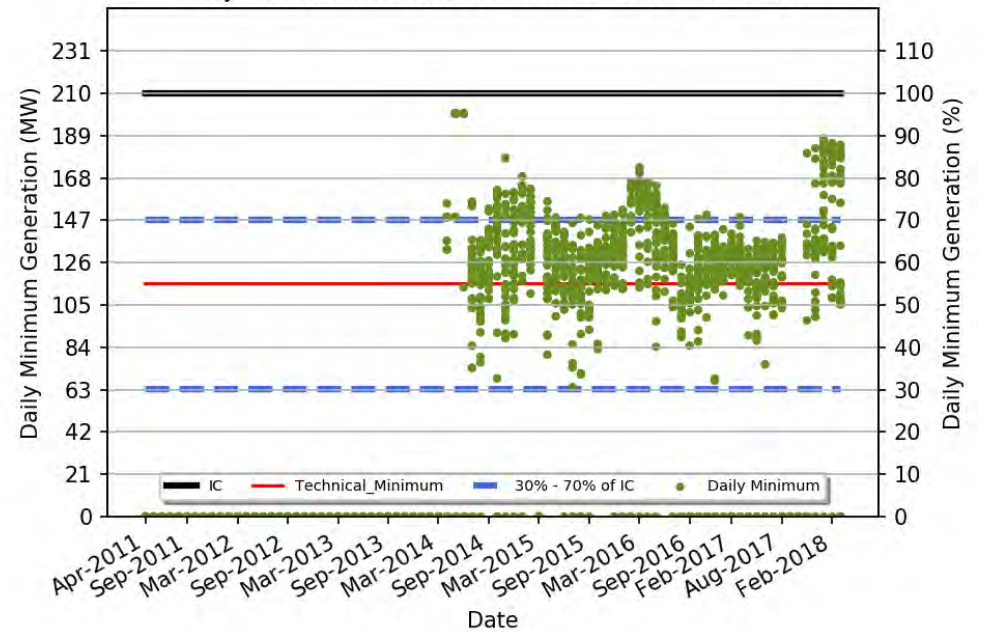
Region	: Northern Region
Number of Days Considered	: 1263
No. Of Days Max Generation Achieved	: 3 (%)
(% of total days in operation)	
No. Of Days Min Generation Achieved	: 67 (%)
(% of total days in operation)	
Average Flexibility	: 19 (%)
Average Daily Max (MW)	: 169
Daily Average (MW)	: 156
Average Daily Min (MW)	: 128
Average Daily Max/ IC (%)	: 80
Daily Average/IC (%)	: 74
Average Daily Min/IC (%)	: 61
Variable Charge (Paisa/kWh)	: 159



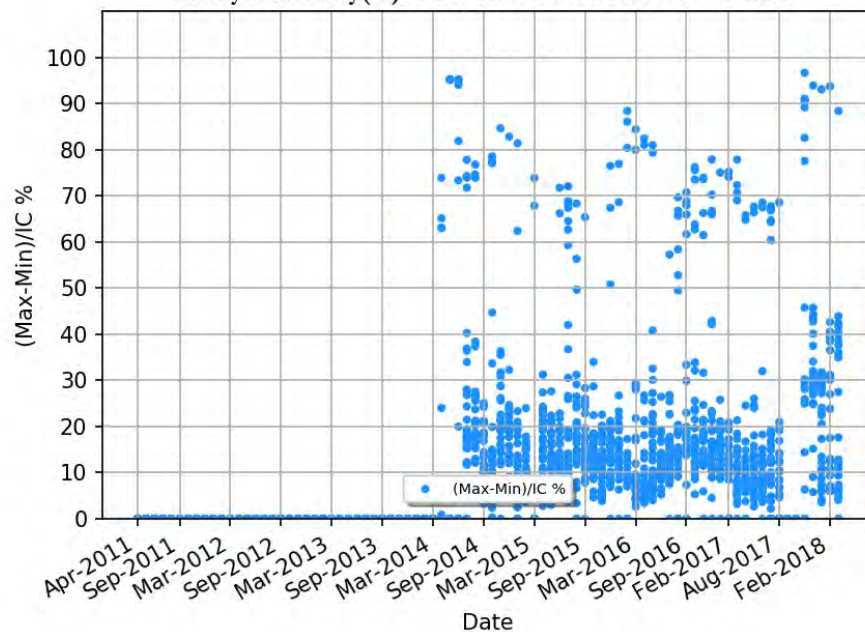
Daily Max Generation : ANPARA TPS UNIT - 2 210 MW



Daily Min Generation : ANPARA TPS UNIT - 2 210 MW



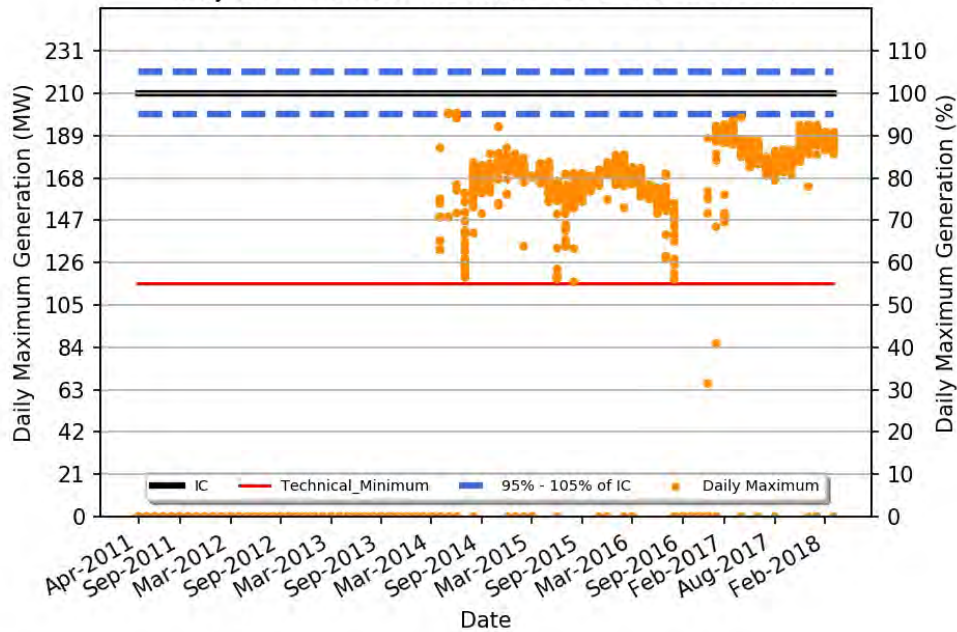
Daily Flexibility(%): ANPARA TPS UNIT - 2 210 MW



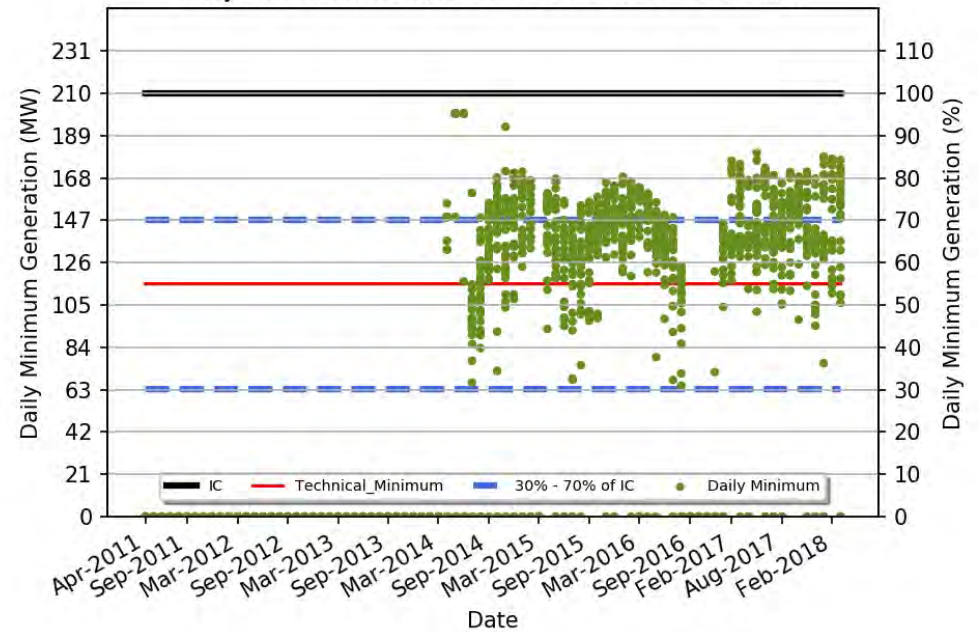
### ANPARA TPS UNIT - 2 210 MW

Region	: Northern Region
Number of Days Considered	: 1220
No. Of Days Max Generation Achieved	: 3 (%)
(% of total days in operation)	
No. Of Days Min Generation Achieved	: 73 (%)
(% of total days in operation)	
Average Flexibility	: 18 (%)
Average Daily Max (MW)	: 162
Daily Average (MW)	: 150
Average Daily Min (MW)	: 123
Average Daily Max/ IC (%)	: 77
Daily Average/IC (%)	: 71
Average Daily Min/IC (%)	: 58
Variable Charge (Paisa/kWh)	: 159

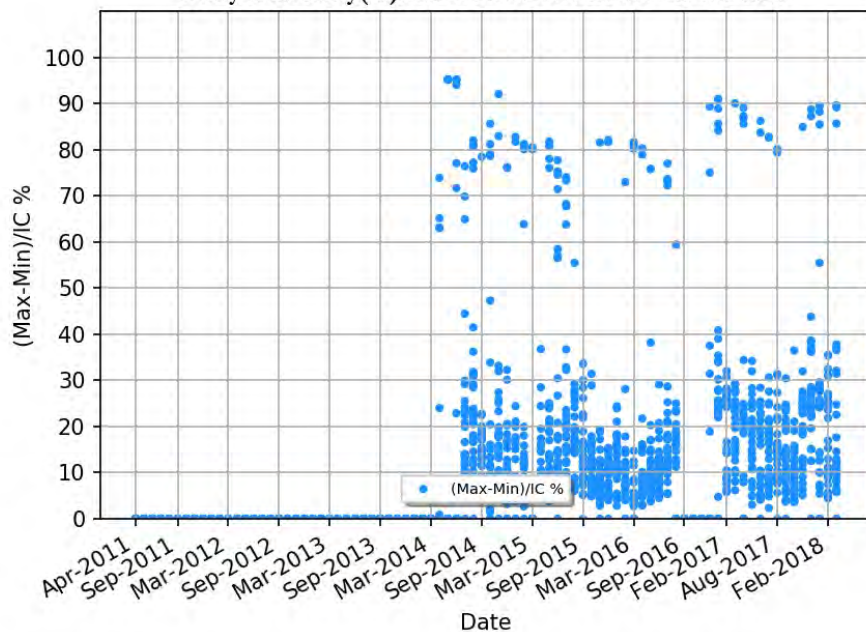
Daily Max Generation : ANPARA TPS UNIT - 3 210 MW



Daily Min Generation : ANPARA TPS UNIT - 3 210 MW



Daily Flexibility(%): ANPARA TPS UNIT - 3 210 MW

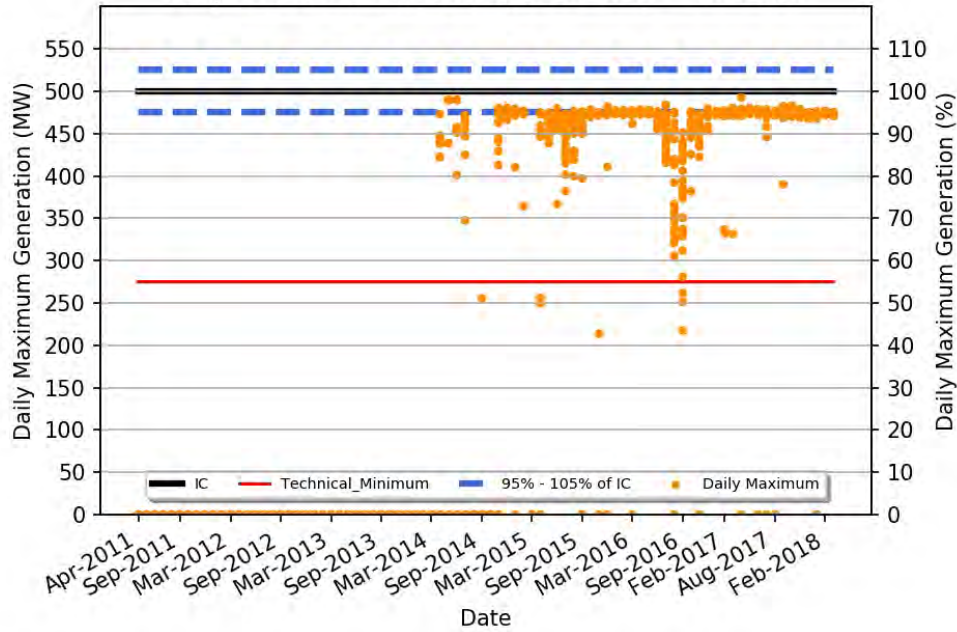


### ANPARA TPS UNIT - 3 210 MW

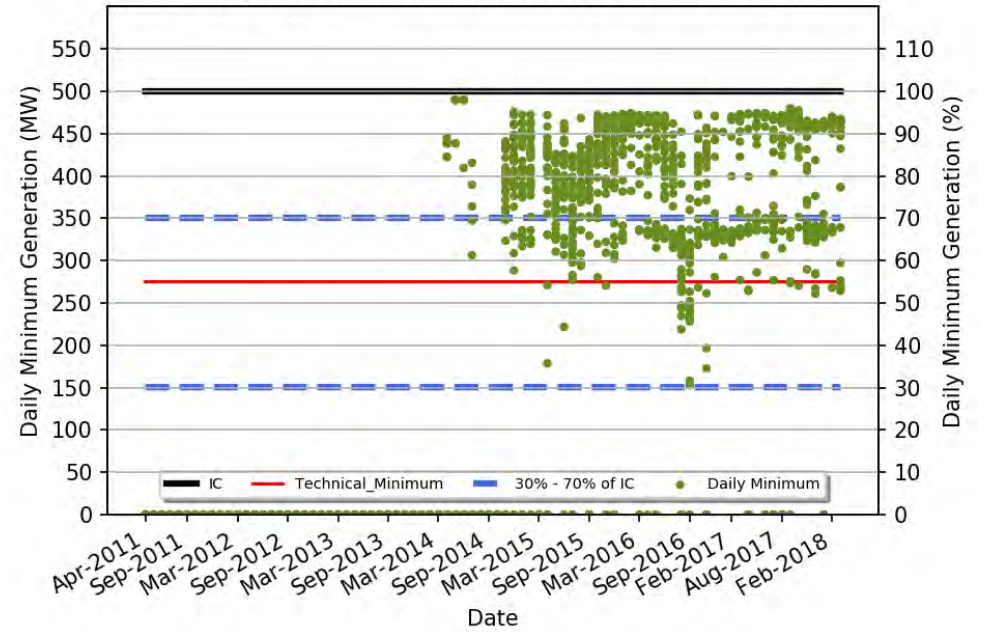
Region	: Northern Region
Number of Days Considered	: 1214
No. Of Days Max Generation Achieved	: 3 (%)
(% of total days in operation)	
No. Of Days Min Generation Achieved	: 54 (%)
(% of total days in operation)	
Average Flexibility	: 18 (%)
Average Daily Max (MW)	: 171
Daily Average (MW)	: 159
Average Daily Min (MW)	: 132
Average Daily Max/ IC (%)	: 81
Daily Average/IC (%)	: 76
Average Daily Min/IC (%)	: 63
Variable Charge (Paisa/kWh)	: 159



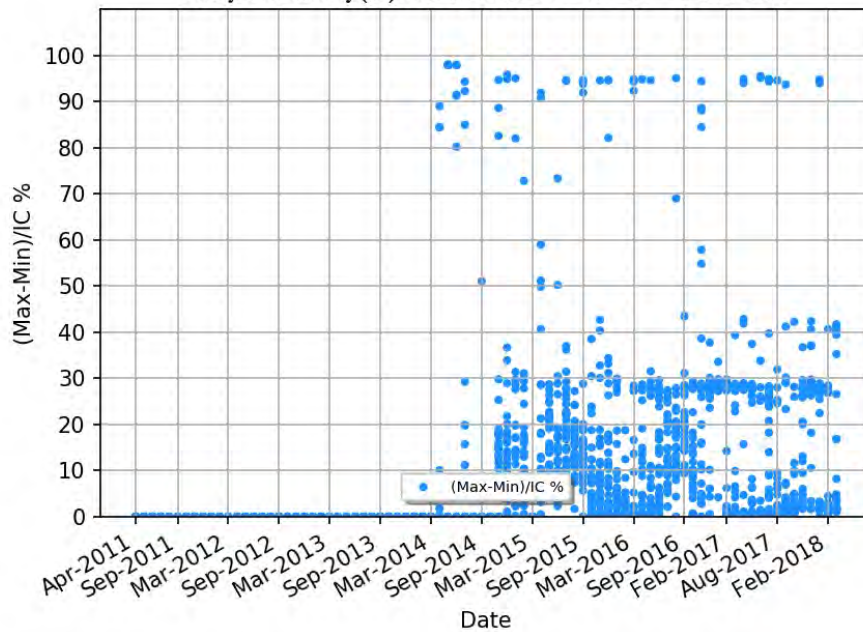
Daily Max Generation : ANPARA TPS UNIT - 4 500 MW



Daily Min Generation : ANPARA TPS UNIT - 4 500 MW



Daily Flexibility(%): ANPARA TPS UNIT - 4 500 MW

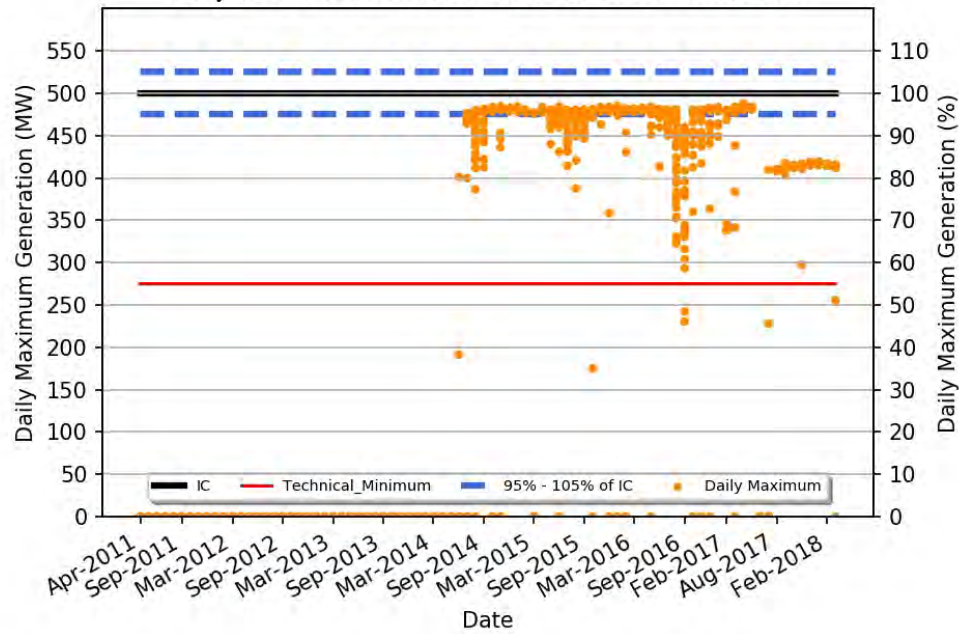


**ANPARA TPS UNIT - 4 500 MW**

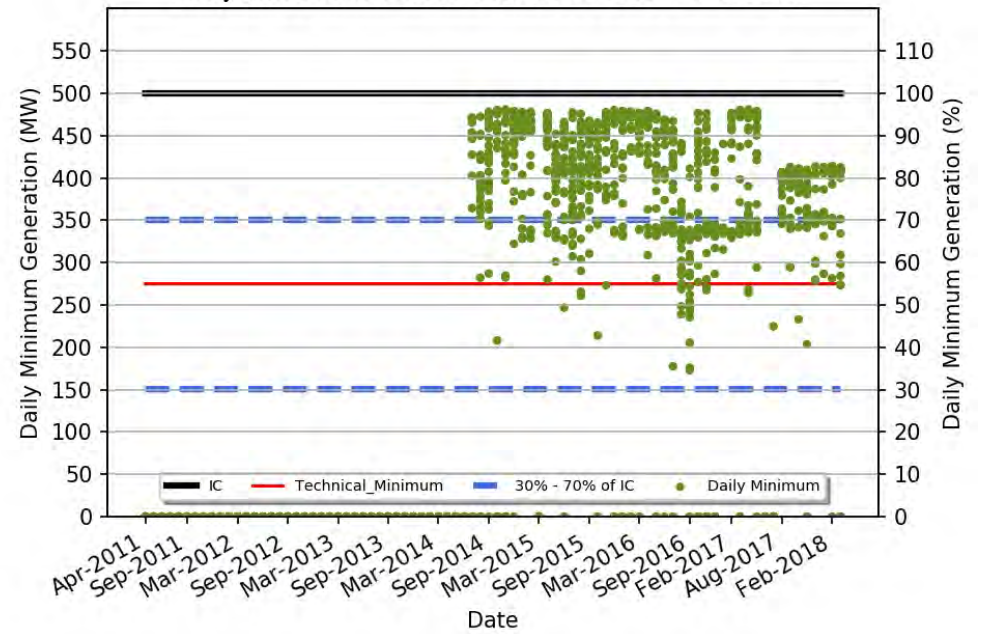
<b>Region</b>	<b>: Northern Region</b>
<b>Number of Days Considered</b>	<b>: 1216</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 27 (%)</b>
<i>(% of total days in operation)</i>	
<b>No. Of Days Min Generation Achieved</b>	<b>: 31 (%)</b>
<i>(% of total days in operation)</i>	
<b>Average Flexibility</b>	<b>: 16 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 465</b>
<b>Daily Average (MW)</b>	<b>: 440</b>
<b>Average Daily Min (MW)</b>	<b>: 382</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 93</b>
<b>Daily Average/IC (%)</b>	<b>: 88</b>
<b>Average Daily Min/IC (%)</b>	<b>: 76</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 141</b>



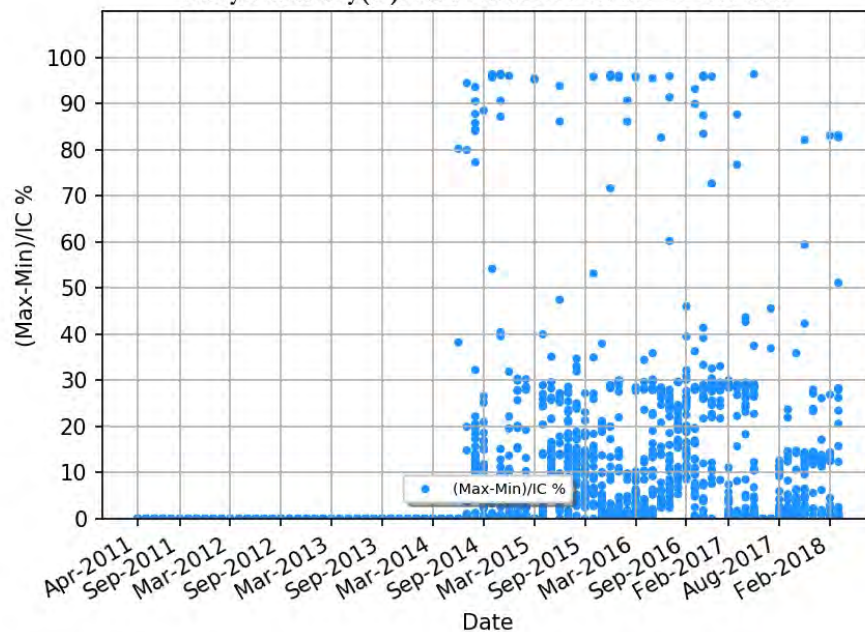
Daily Max Generation : ANPARA TPS UNIT - 5 500 MW



Daily Min Generation : ANPARA TPS UNIT - 5 500 MW



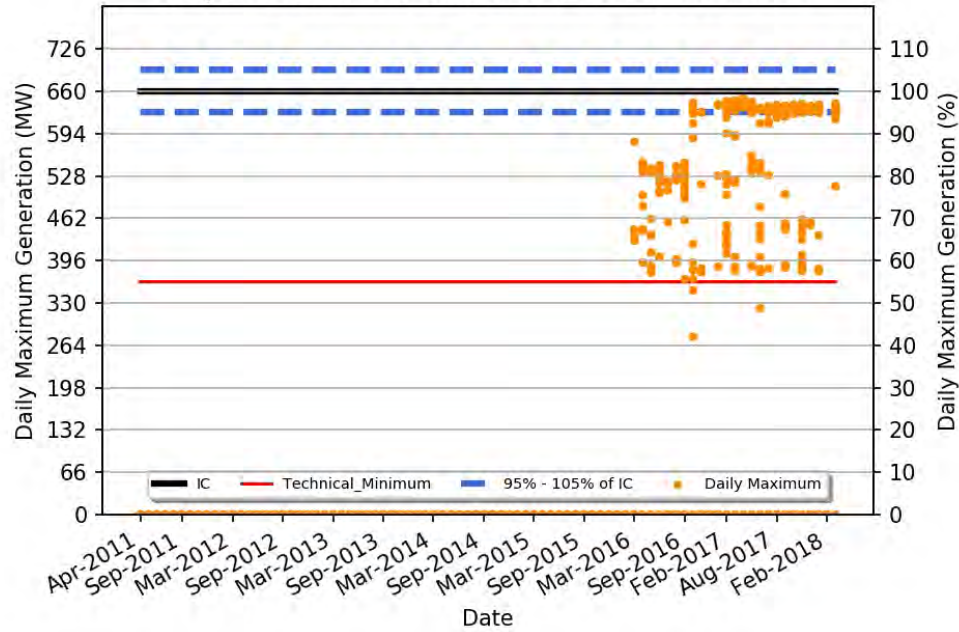
Daily Flexibility(%): ANPARA TPS UNIT - 5 500 MW



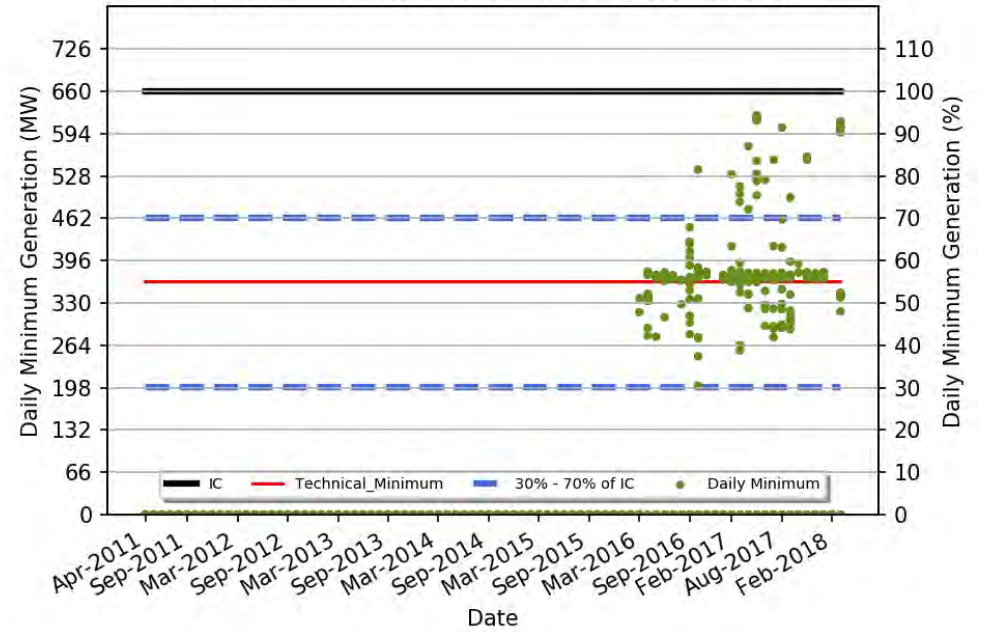
### ANPARA TPS UNIT - 5 500 MW

<b>Region</b>	<b>: Northern Region</b>
<b>Number of Days Considered</b>	<b>: 1209</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 61 (%)</b>
(% of total days in operation)	
<b>No. Of Days Min Generation Achieved</b>	<b>: 26 (%)</b>
(% of total days in operation)	
<b>Average Flexibility</b>	<b>: 14 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 458</b>
<b>Daily Average (MW)</b>	<b>: 436</b>
<b>Average Daily Min (MW)</b>	<b>: 385</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 91</b>
<b>Daily Average/IC (%)</b>	<b>: 87</b>
<b>Average Daily Min/IC (%)</b>	<b>: 77</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 141</b>

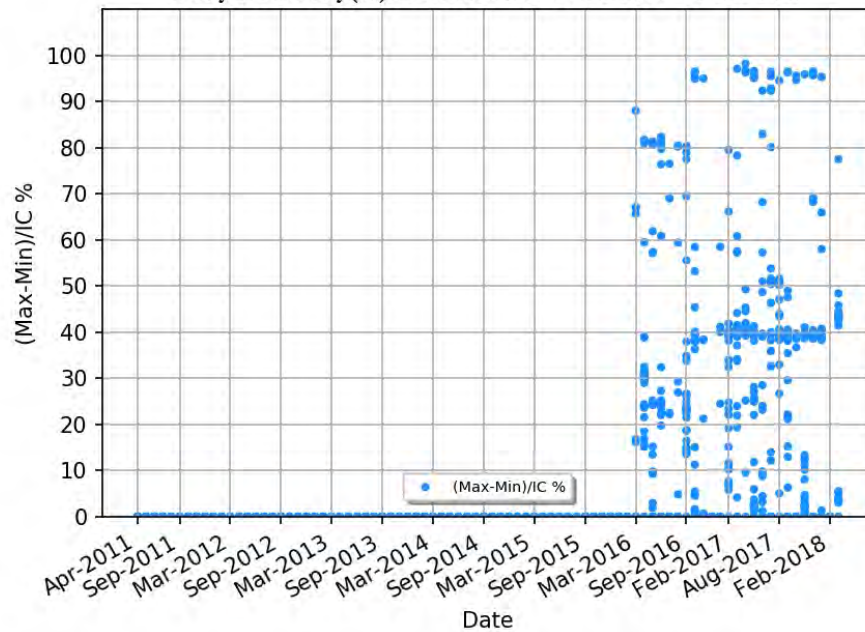
Daily Max Generation : LALITPUR TPS UNIT - 1 660 MW



Daily Min Generation : LALITPUR TPS UNIT - 1 660 MW



Daily Flexibility(%) : LALITPUR TPS UNIT - 1 660 MW

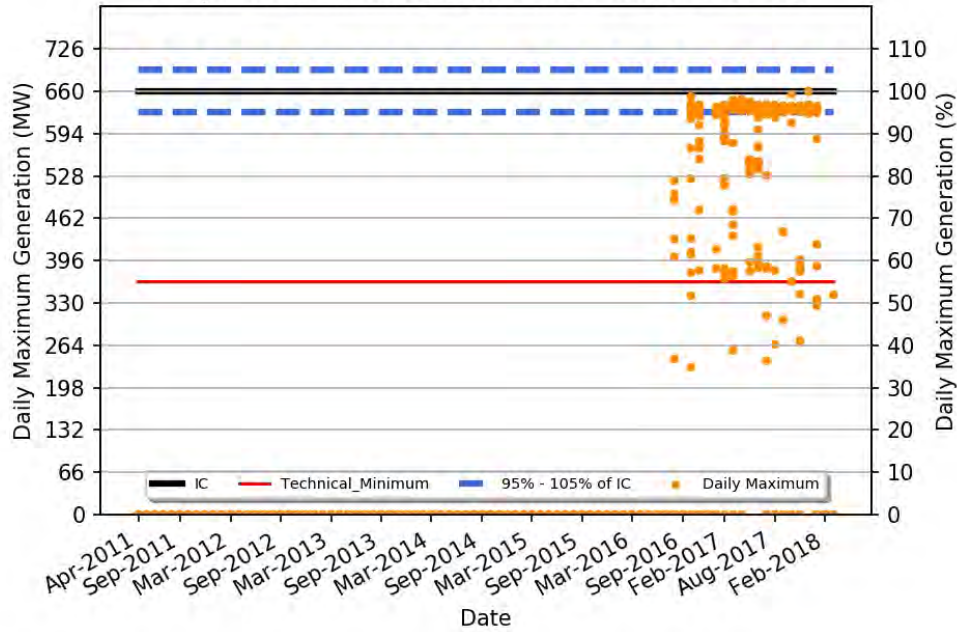


### LALITPUR TPS UNIT - 1 660 MW

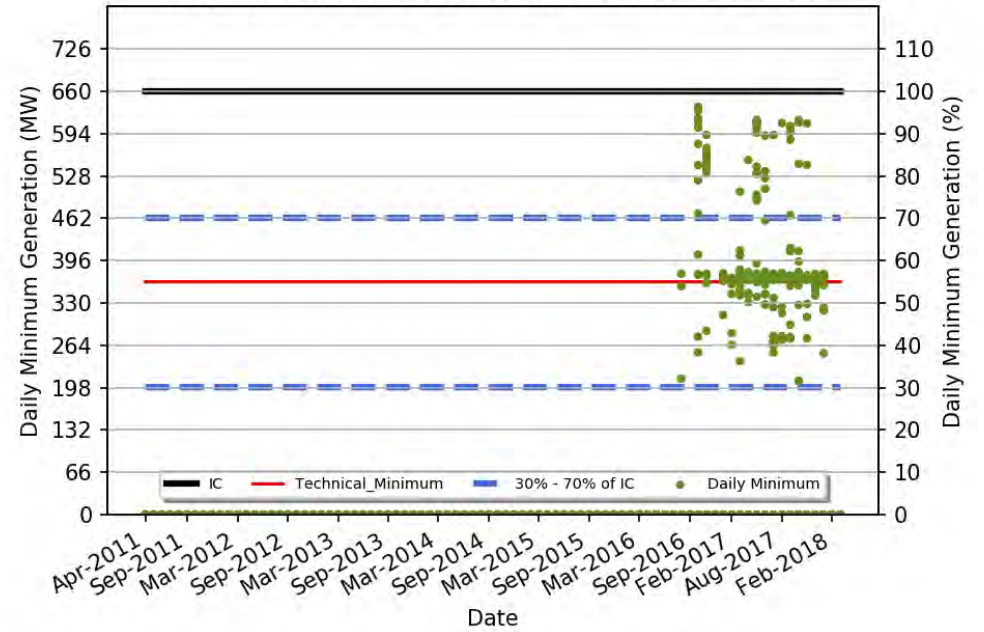
Region	: Northern Region
Number of Days Considered	: 406
No. Of Days Max Generation Achieved	: 52 (%)
(% of total days in operation)	
No. Of Days Min Generation Achieved	: 80 (%)
(% of total days in operation)	
Average Flexibility	: 35 (%)
Average Daily Max (MW)	: 565
Daily Average (MW)	: 449
Average Daily Min (MW)	: 330
Average Daily Max/ IC (%)	: 85
Daily Average/IC (%)	: 68
Average Daily Min/IC (%)	: 50
Variable Charge (Paisa/kWh)	: 285



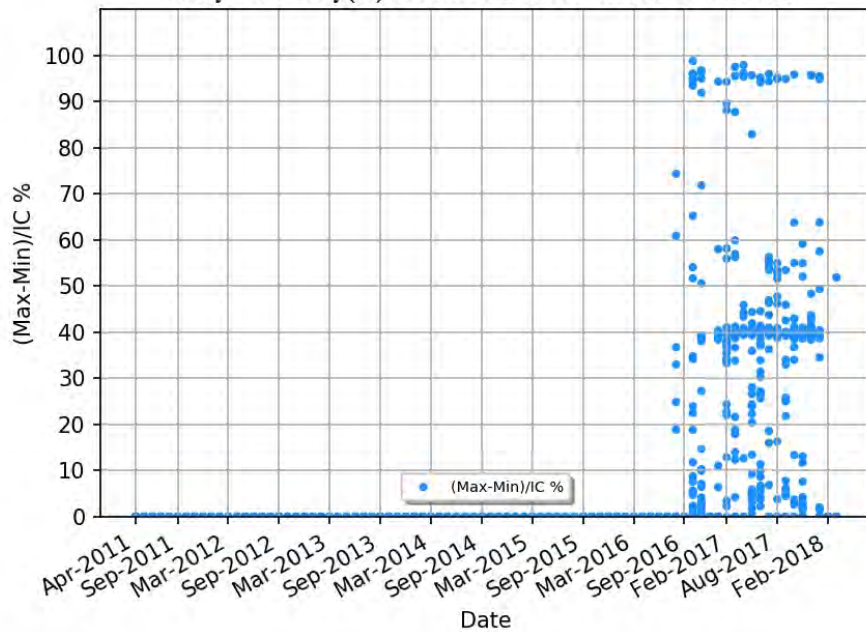
Daily Max Generation : LALITPUR TPS UNIT - 2 660 MW



Daily Min Generation : LALITPUR TPS UNIT - 2 660 MW



Daily Flexibility(%) : LALITPUR TPS UNIT - 2 660 MW

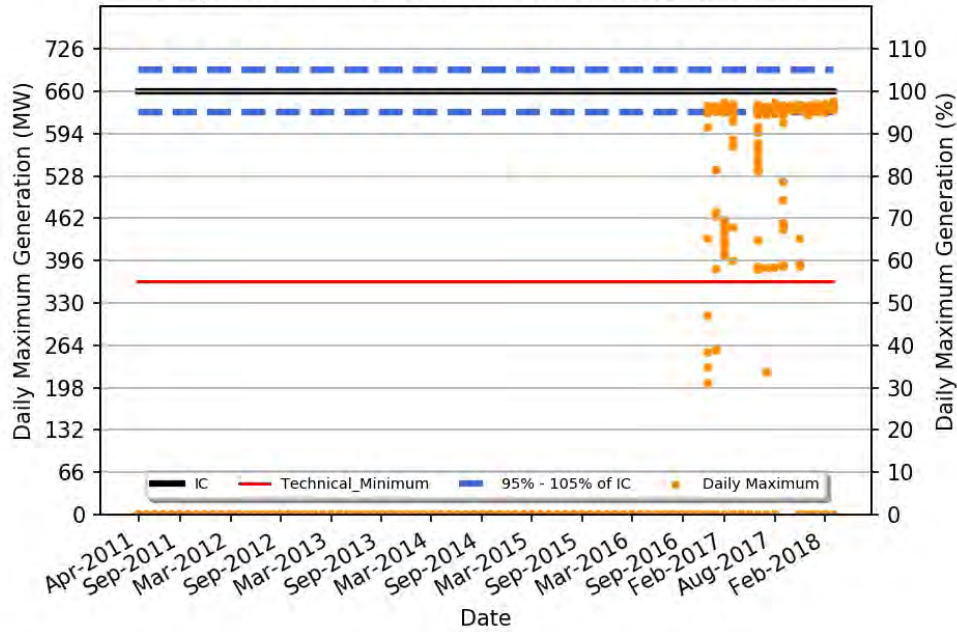


**LALITPUR TPS UNIT - 2 660 MW**

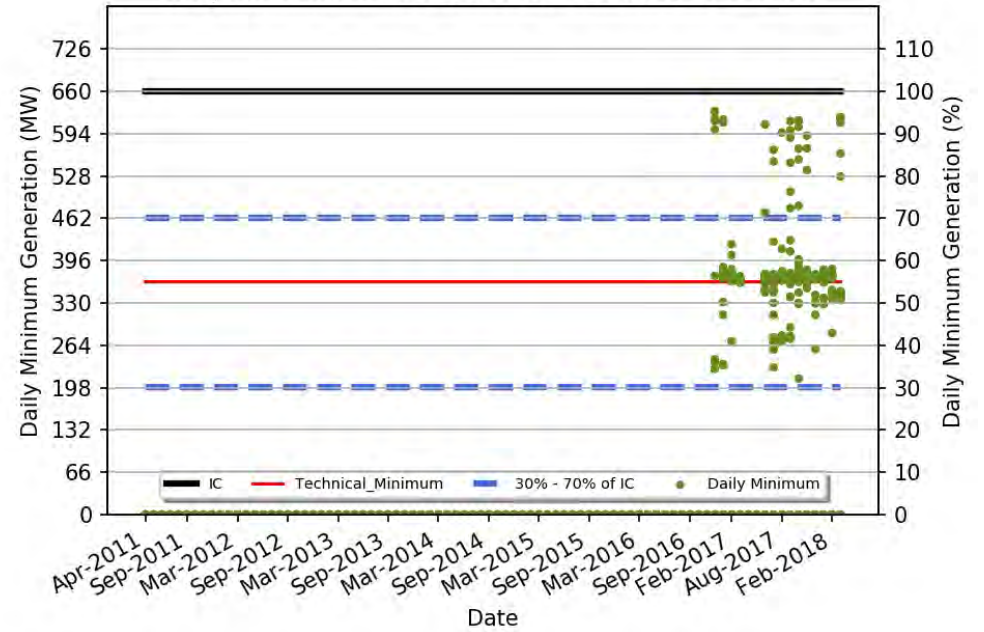
<b>Region</b>	<b>: Northern Region</b>
<b>Number of Days Considered</b>	<b>: 348</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 67 (%)</b>
(% of total days in operation)	
<b>No. Of Days Min Generation Achieved</b>	<b>: 75 (%)</b>
(% of total days in operation)	
<b>Average Flexibility</b>	<b>: 36 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 594</b>
<b>Daily Average (MW)</b>	<b>: 477</b>
<b>Average Daily Min (MW)</b>	<b>: 350</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 90</b>
<b>Daily Average/IC (%)</b>	<b>: 72</b>
<b>Average Daily Min/IC (%)</b>	<b>: 53</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 285</b>



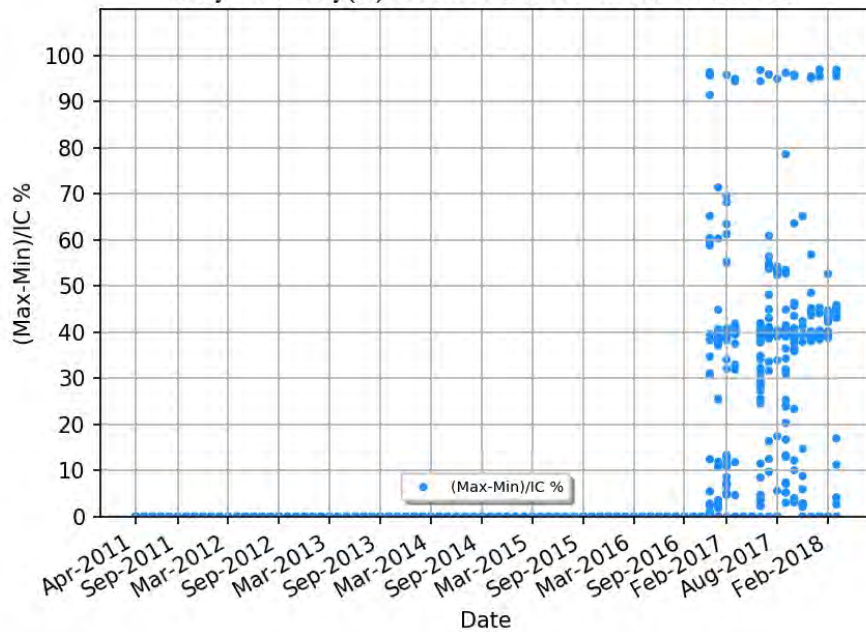
Daily Max Generation : LALITPUR TPS UNIT - 3 660 MW



Daily Min Generation : LALITPUR TPS UNIT - 3 660 MW



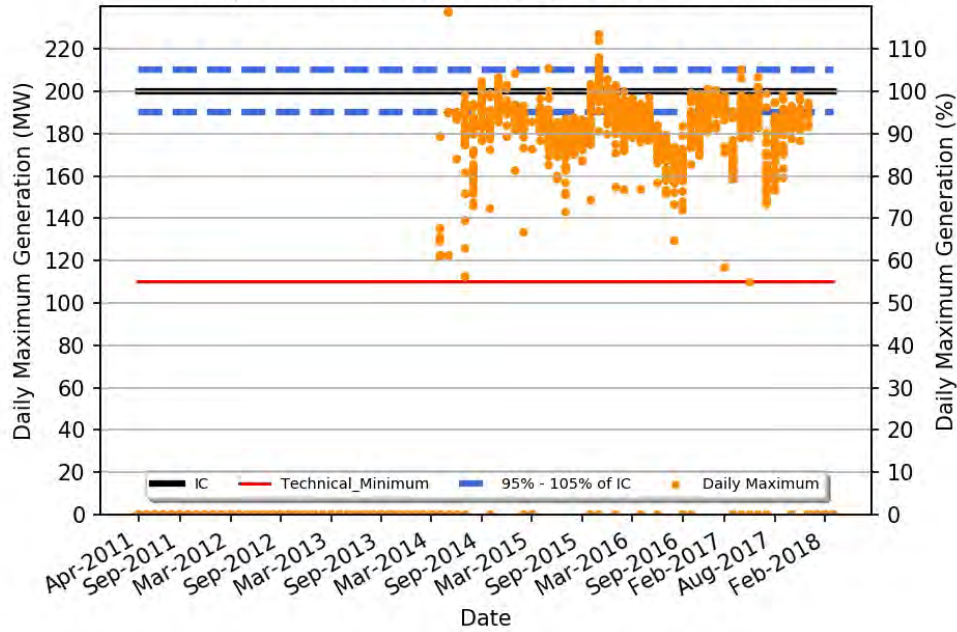
Daily Flexibility(%) : LALITPUR TPS UNIT - 3 660 MW



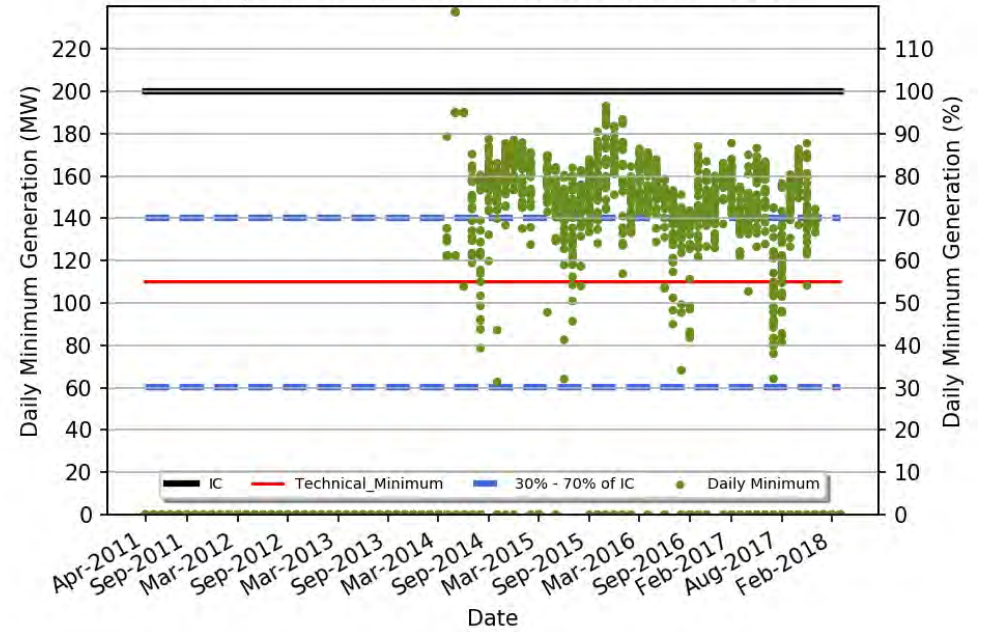
### LALITPUR TPS UNIT - 3 660 MW

Region	: Northern Region
Number of Days Considered	: 302
No. Of Days Max Generation Achieved	: 74 (%)
(% of total days in operation)	
No. Of Days Min Generation Achieved	: 80 (%)
(% of total days in operation)	
Average Flexibility	: 37 (%)
Average Daily Max (MW)	: 596
Daily Average (MW)	: 480
Average Daily Min (MW)	: 350
Average Daily Max/ IC (%)	: 90
Daily Average/IC (%)	: 72
Average Daily Min/IC (%)	: 53
Variable Charge (Paisa/kWh)	: 285

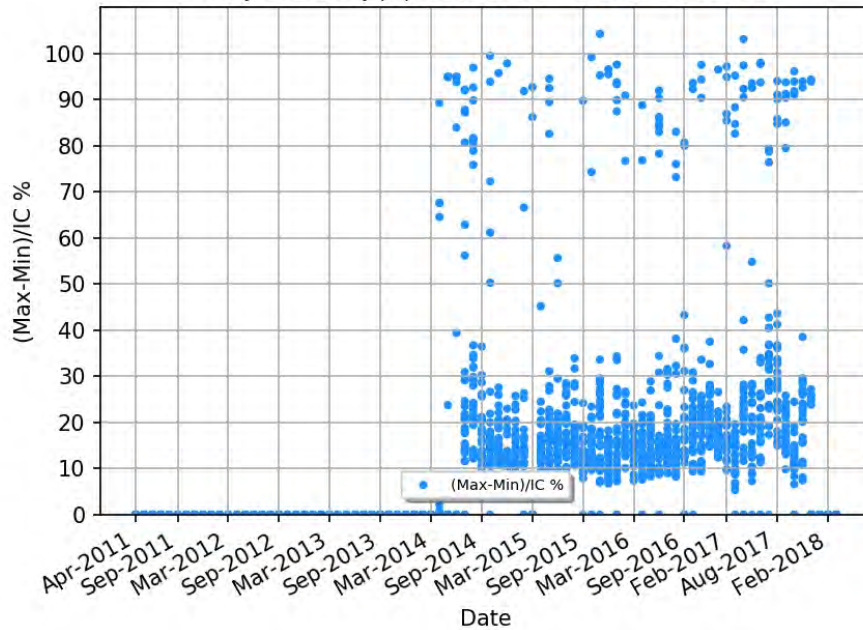
Daily Max Generation : OBRA TPS UNIT - 9 200 MW



Daily Min Generation : OBRA TPS UNIT - 9 200 MW



Daily Flexibility(%): OBRA TPS UNIT - 9 200 MW

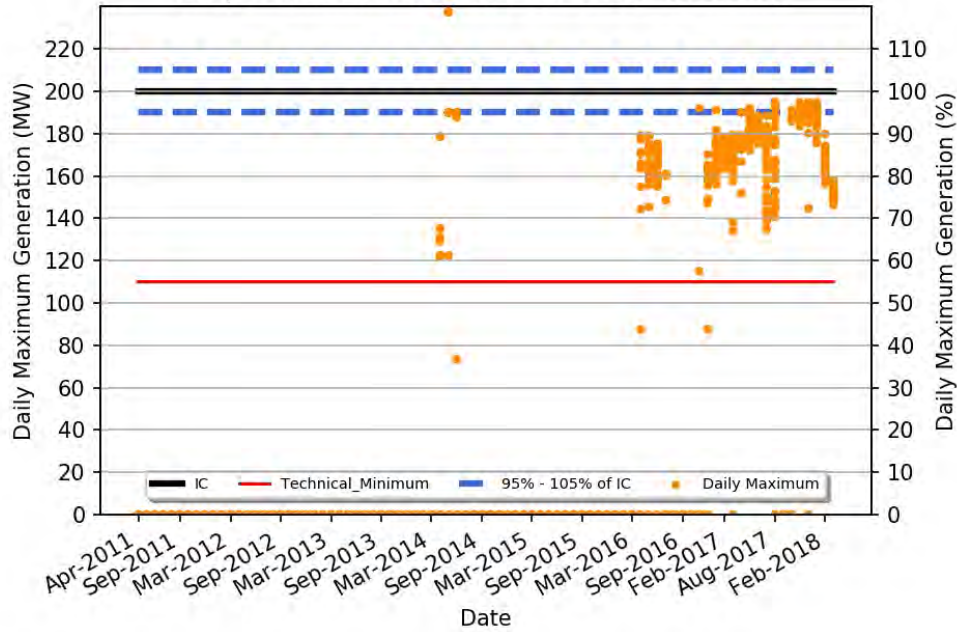


**OBRA TPS UNIT - 9 200 MW**

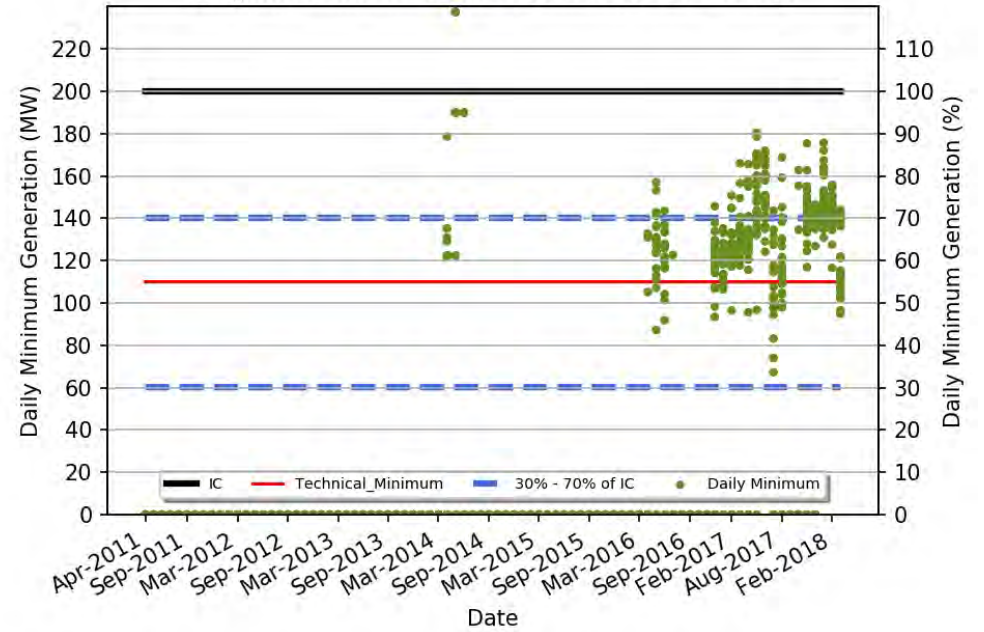
<b>Region</b>	<b>: Northern Region</b>
<b>Number of Days Considered</b>	<b>: 1222</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 28 (%)</b>
(% of total days in operation)	
<b>No. Of Days Min Generation Achieved</b>	<b>: 23 (%)</b>
(% of total days in operation)	
<b>Average Flexibility</b>	<b>: 22 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 183</b>
<b>Daily Average (MW)</b>	<b>: 165</b>
<b>Average Daily Min (MW)</b>	<b>: 138</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 91</b>
<b>Daily Average/IC (%)</b>	<b>: 82</b>
<b>Average Daily Min/IC (%)</b>	<b>: 69</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 177</b>



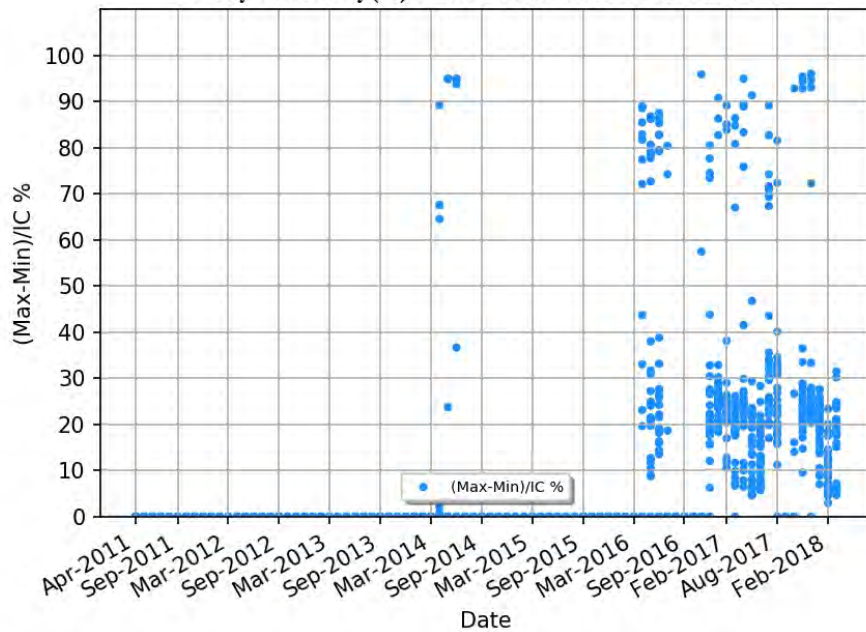
Daily Max Generation : OBRA TPS UNIT - 10 200 MW



Daily Min Generation : OBRA TPS UNIT - 10 200 MW



Daily Flexibility(%) : OBRA TPS UNIT - 10 200 MW

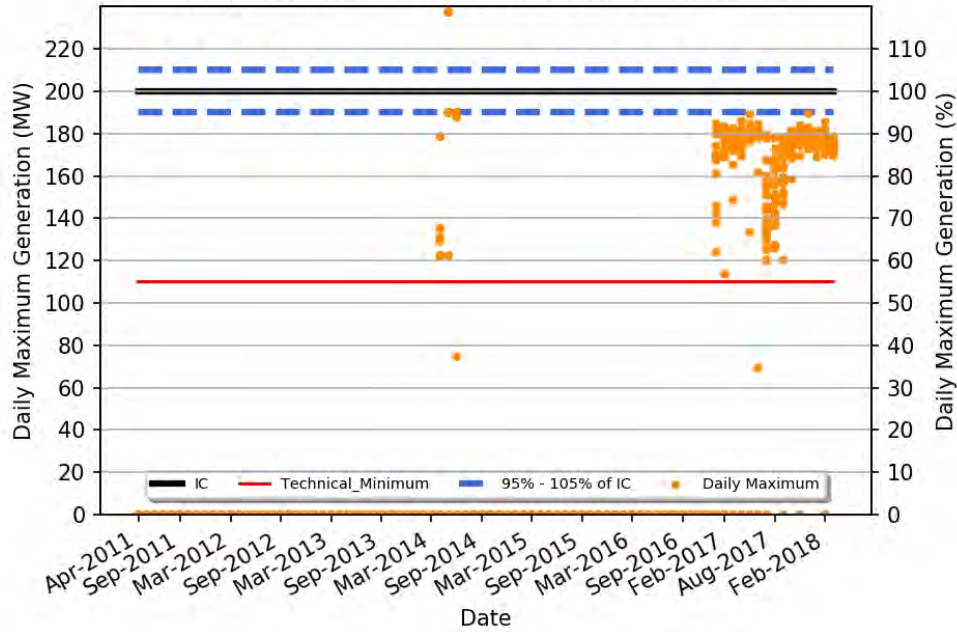


**OBRA TPS UNIT - 10 200 MW**

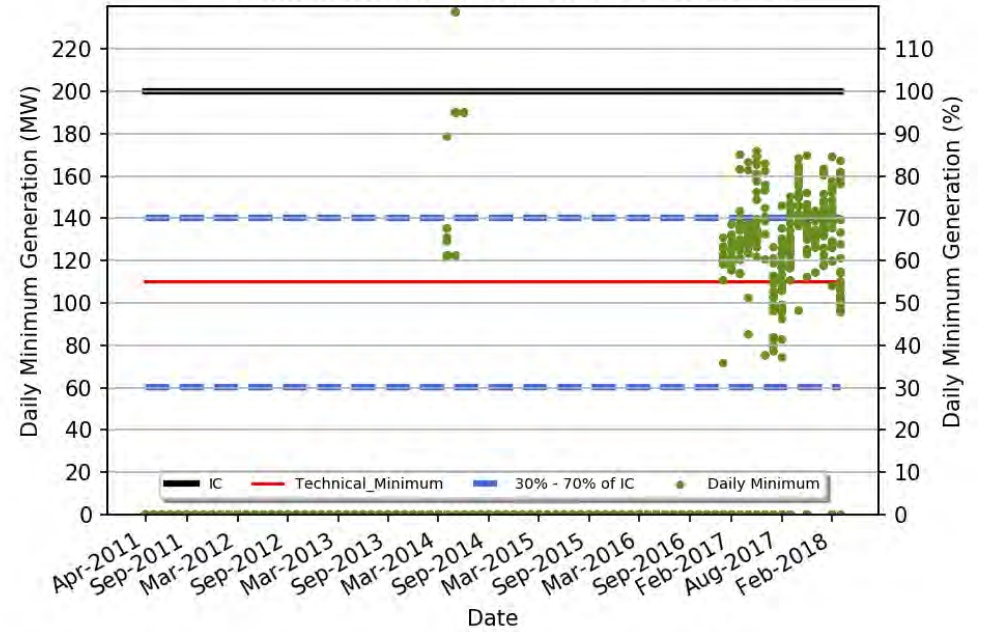
<b>Region</b>	<b>: Northern Region</b>
<b>Number of Days Considered</b>	<b>: 526</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 10 (%)</b>
<i>(% of total days in operation)</i>	
<b>No. Of Days Min Generation Achieved</b>	<b>: 52 (%)</b>
<i>(% of total days in operation)</i>	
<b>Average Flexibility</b>	<b>: 25 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 173</b>
<b>Daily Average (MW)</b>	<b>: 154</b>
<b>Average Daily Min (MW)</b>	<b>: 121</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 86</b>
<b>Daily Average/IC (%)</b>	<b>: 77</b>
<b>Average Daily Min/IC (%)</b>	<b>: 60</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 177</b>



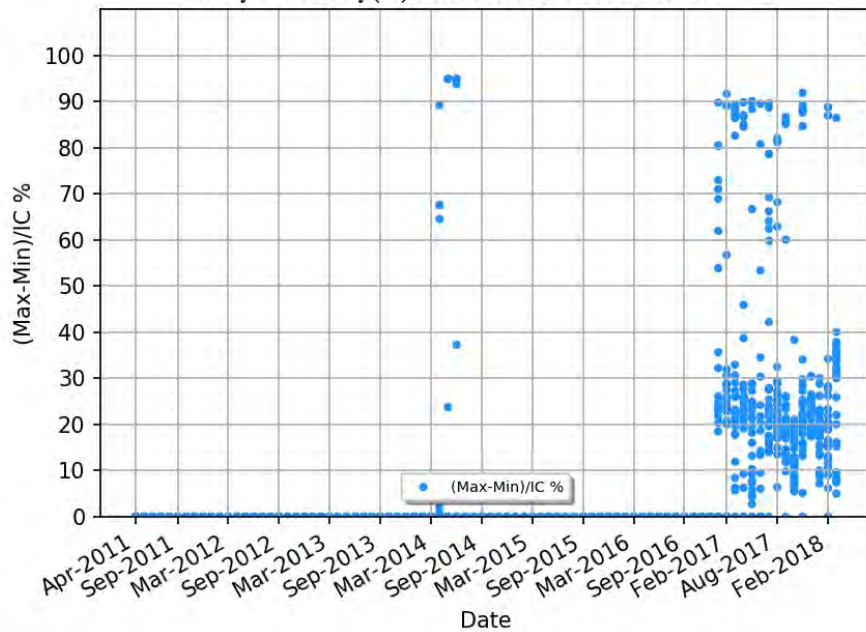
Daily Max Generation : OBRA TPS UNIT - 11 200 MW



Daily Min Generation : OBRA TPS UNIT - 11 200 MW



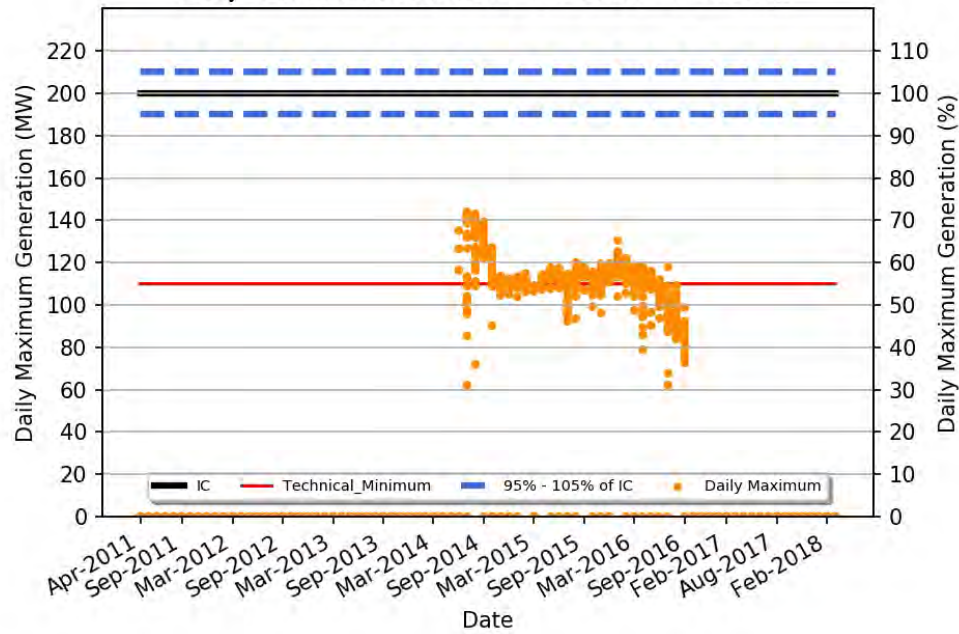
Daily Flexibility(%) : OBRA TPS UNIT - 11 200 MW



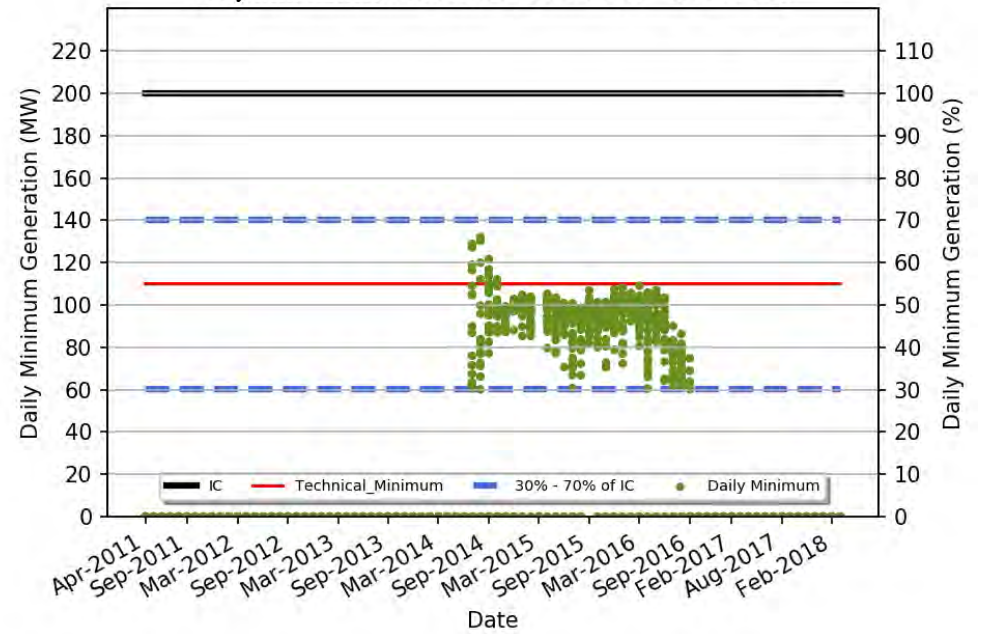
**OBRA TPS UNIT - 11 200 MW**

<b>Region</b>	<b>: Northern Region</b>
<b>Number of Days Considered</b>	<b>: 445</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 0 (%)</b>
(% of total days in operation)	
<b>No. Of Days Min Generation Achieved</b>	<b>: 57 (%)</b>
(% of total days in operation)	
<b>Average Flexibility</b>	<b>: 26 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 172</b>
<b>Daily Average (MW)</b>	<b>: 154</b>
<b>Average Daily Min (MW)</b>	<b>: 119</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 86</b>
<b>Daily Average/IC (%)</b>	<b>: 77</b>
<b>Average Daily Min/IC (%)</b>	<b>: 59</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 177</b>

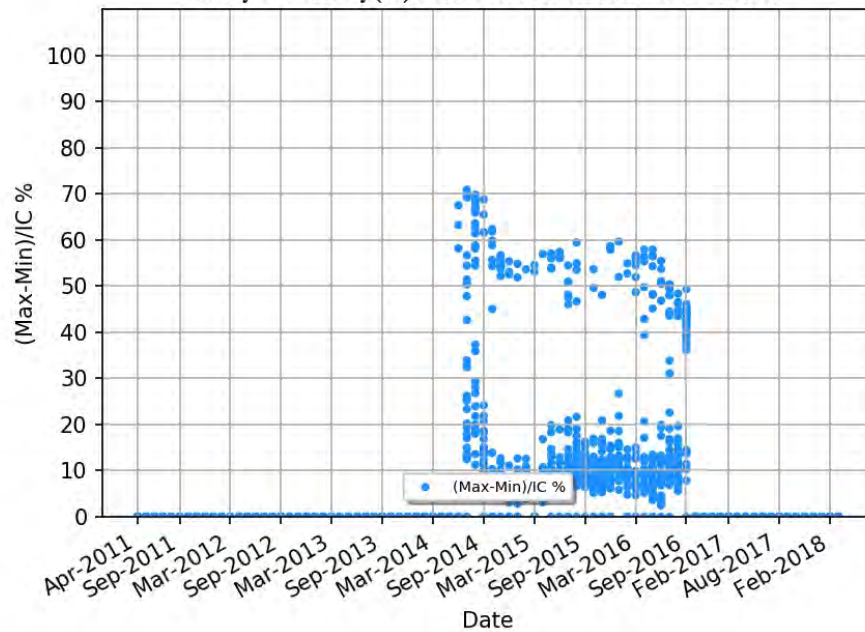
Daily Max Generation : OBRA TPS UNIT - 12 200 MW



Daily Min Generation : OBRA TPS UNIT - 12 200 MW



Daily Flexibility(%) : OBRA TPS UNIT - 12 200 MW

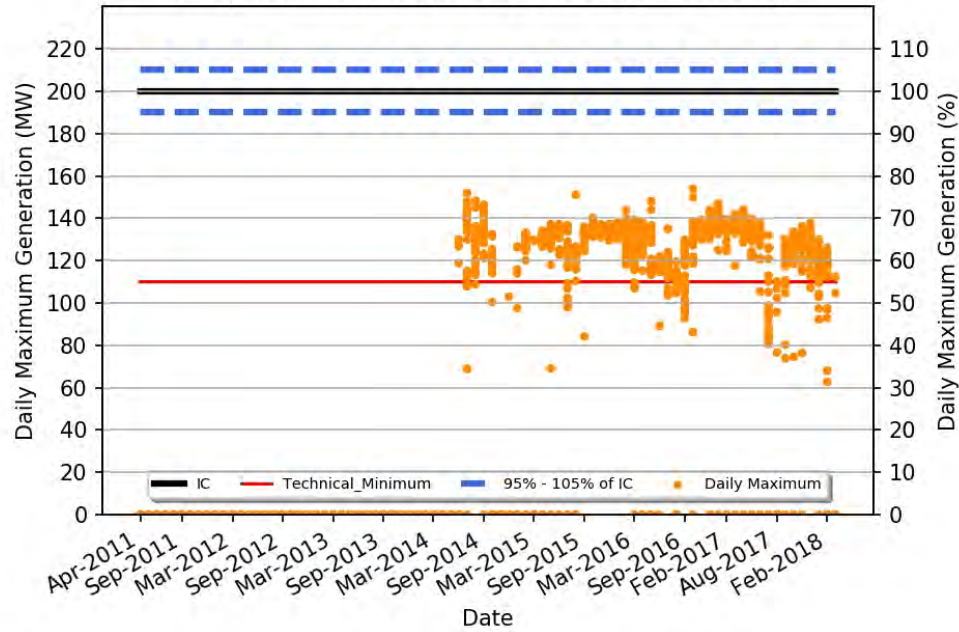


**OBRA TPS UNIT - 12 200 MW**

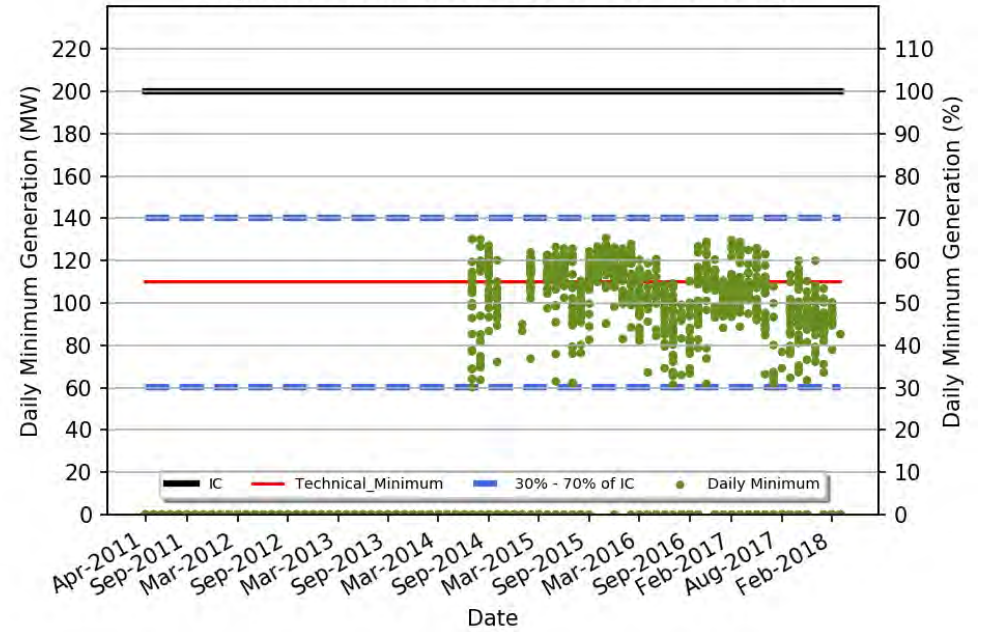
<b>Region</b>	<b>: Northern Region</b>
<b>Number of Days Considered</b>	<b>: 685</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 0 (%)</b>
(% of total days in operation)	
<b>No. Of Days Min Generation Achieved</b>	<b>: 87 (%)</b>
(% of total days in operation)	
<b>Average Flexibility</b>	<b>: 15 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 111</b>
<b>Daily Average (MW)</b>	<b>: 101</b>
<b>Average Daily Min (MW)</b>	<b>: 80</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 55</b>
<b>Daily Average/IC (%)</b>	<b>: 50</b>
<b>Average Daily Min/IC (%)</b>	<b>: 40</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 177</b>



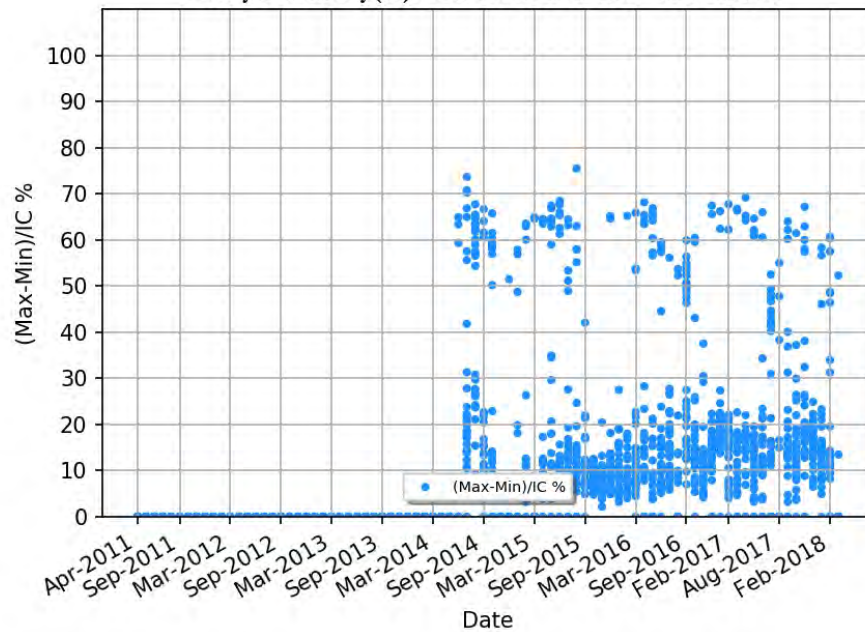
Daily Max Generation : OBRA TPS UNIT - 13 200 MW



Daily Min Generation : OBRA TPS UNIT - 13 200 MW



Daily Flexibility(%) : OBRA TPS UNIT - 13 200 MW

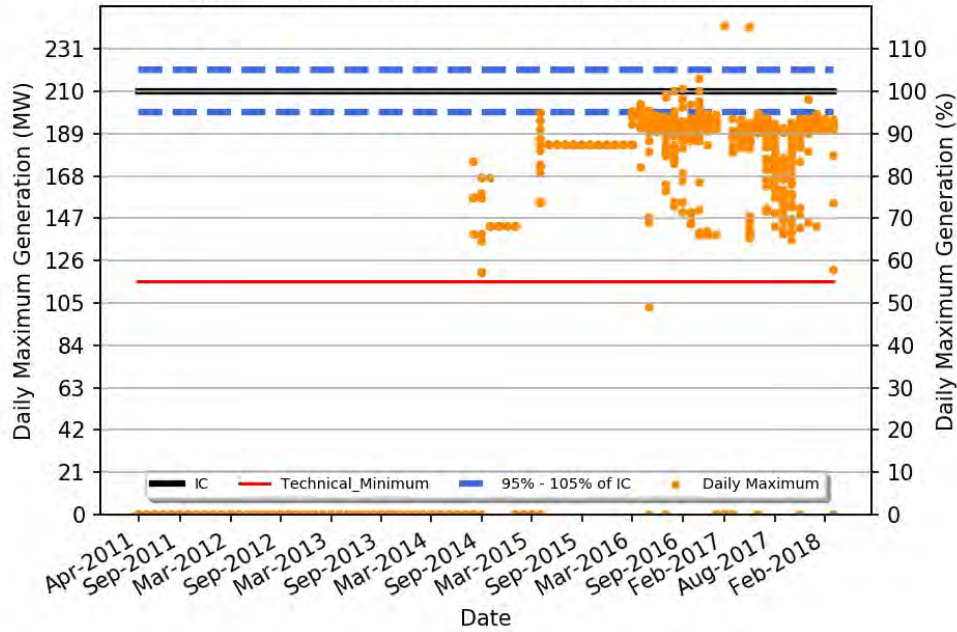


**OBRA TPS UNIT - 13 200 MW**

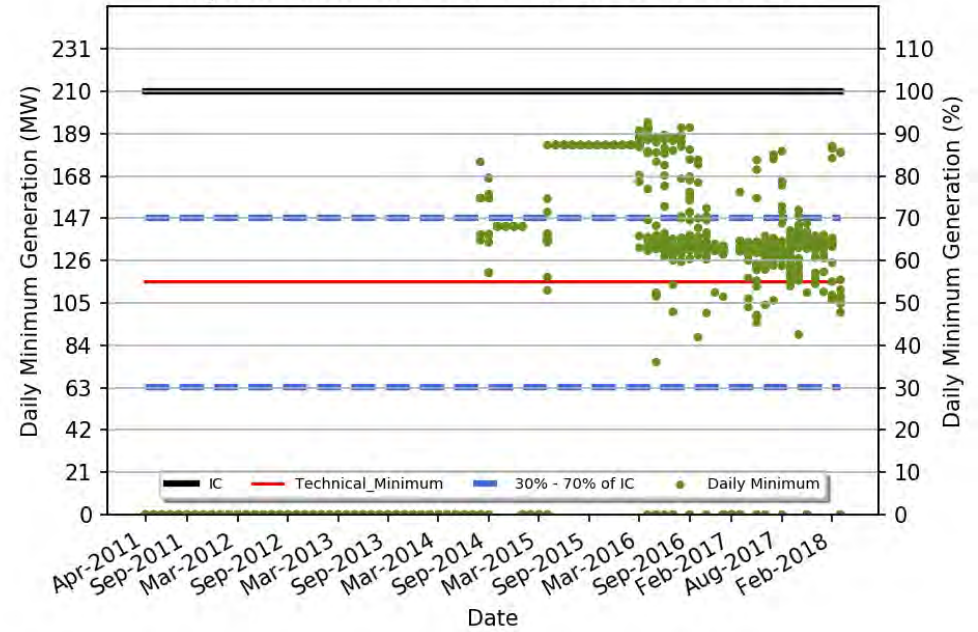
<b>Region</b>	<b>: Northern Region</b>
<b>Number of Days Considered</b>	<b>: 1031</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 0 (%)</b>
<i>(% of total days in operation)</i>	
<b>No. Of Days Min Generation Achieved</b>	<b>: 89 (%)</b>
<i>(% of total days in operation)</i>	
<b>Average Flexibility</b>	<b>: 17 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 128</b>
<b>Daily Average (MW)</b>	<b>: 116</b>
<b>Average Daily Min (MW)</b>	<b>: 93</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 64</b>
<b>Daily Average/IC (%)</b>	<b>: 58</b>
<b>Average Daily Min/IC (%)</b>	<b>: 46</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 177</b>



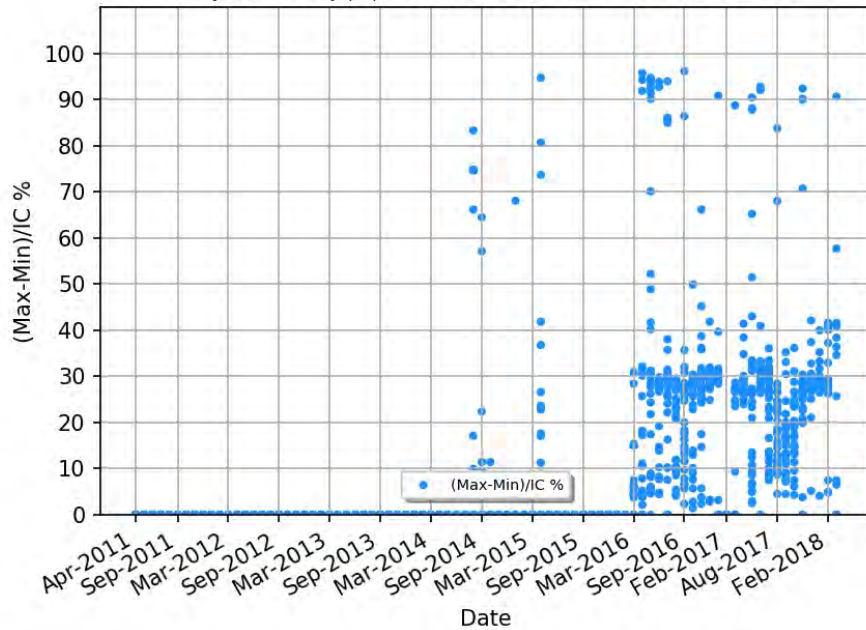
Daily Max Generation : PARICHHA TPS UNIT - 3 210 MW



Daily Min Generation : PARICHHA TPS UNIT - 3 210 MW



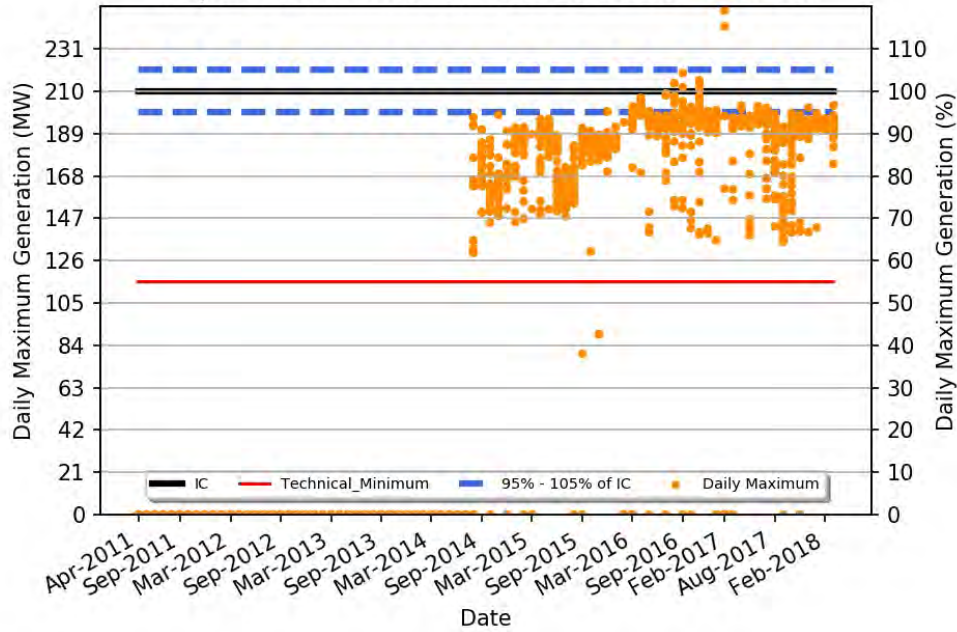
Daily Flexibility(%) : PARICHHA TPS UNIT - 3 210 MW



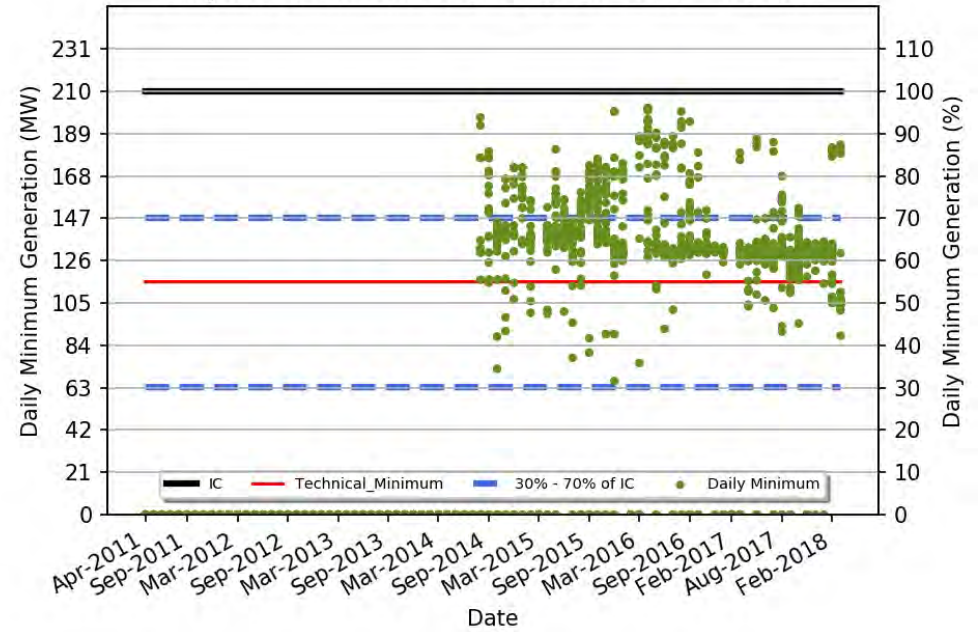
**PARICHHA TPS UNIT - 3 210 MW**

<b>Region</b>	<b>: Northern Region</b>
<b>Number of Days Considered</b>	<b>: 1132</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 3 (%)</b>
(% of total days in operation)	
<b>No. Of Days Min Generation Achieved</b>	<b>: 57 (%)</b>
(% of total days in operation)	
<b>Average Flexibility</b>	<b>: 16 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 180</b>
<b>Daily Average (MW)</b>	<b>: 164</b>
<b>Average Daily Min (MW)</b>	<b>: 146</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 85</b>
<b>Daily Average/IC (%)</b>	<b>: 78</b>
<b>Average Daily Min/IC (%)</b>	<b>: 69</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 311</b>

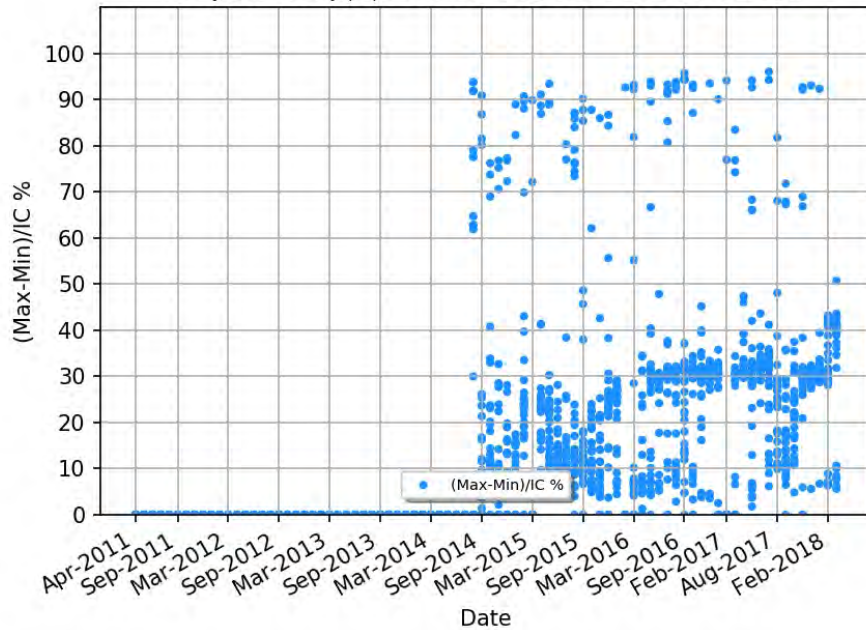
Daily Max Generation : PARICHHA TPS UNIT - 4 210 MW



Daily Min Generation : PARICHHA TPS UNIT - 4 210 MW



Daily Flexibility(%) : PARICHHA TPS UNIT - 4 210 MW

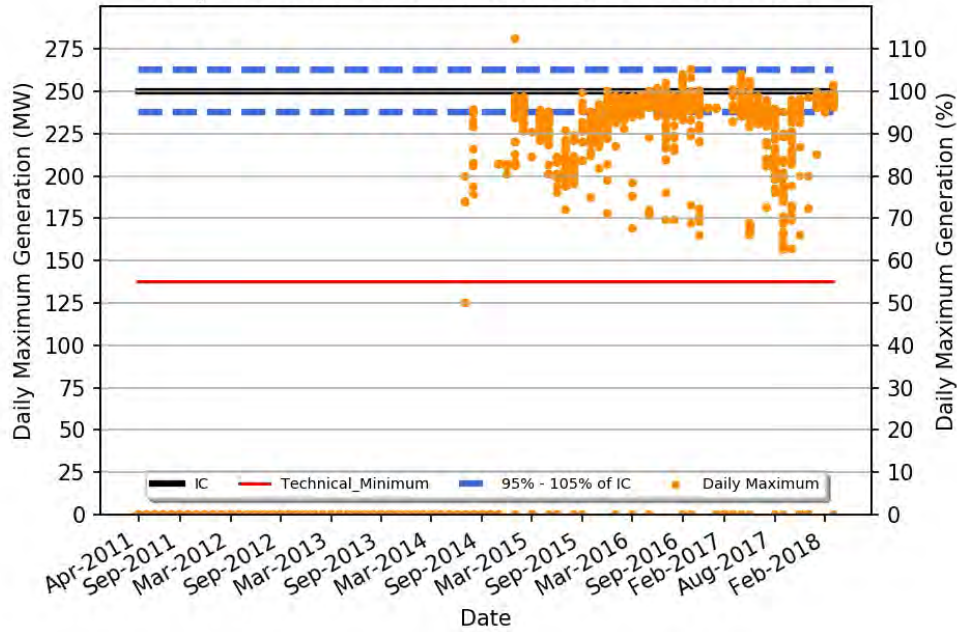


**PARICHHA TPS UNIT - 4 210 MW**

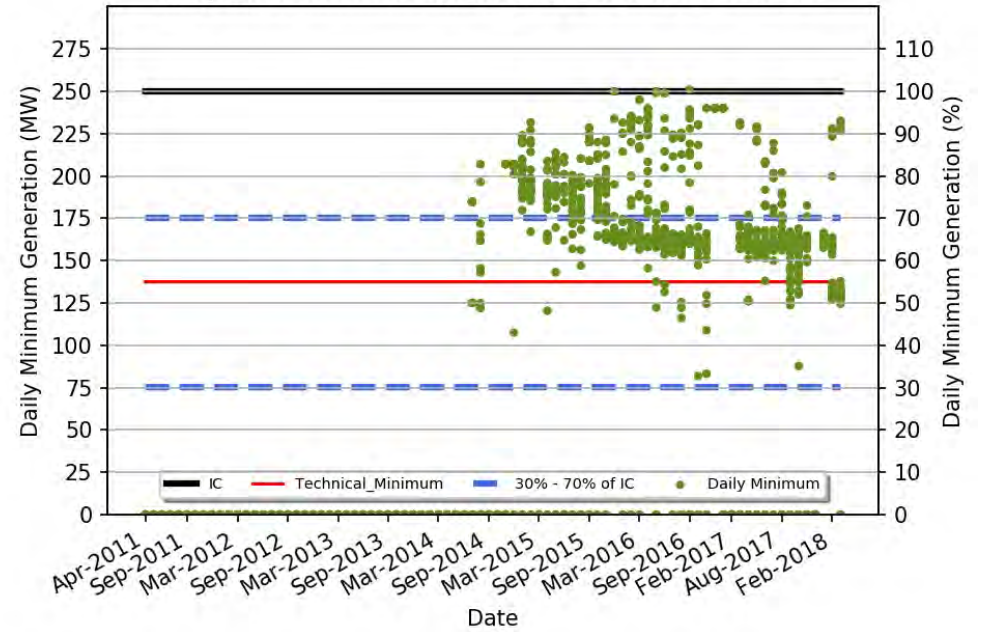
<b>Region</b>	<b>: Northern Region</b>
<b>Number of Days Considered</b>	<b>: 1163</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 6 (%)</b>
(% of total days in operation)	
<b>No. Of Days Min Generation Achieved</b>	<b>: 68 (%)</b>
(% of total days in operation)	
<b>Average Flexibility</b>	<b>: 25 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 183</b>
<b>Daily Average (MW)</b>	<b>: 159</b>
<b>Average Daily Min (MW)</b>	<b>: 129</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 87</b>
<b>Daily Average/IC (%)</b>	<b>: 76</b>
<b>Average Daily Min/IC (%)</b>	<b>: 61</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 311</b>



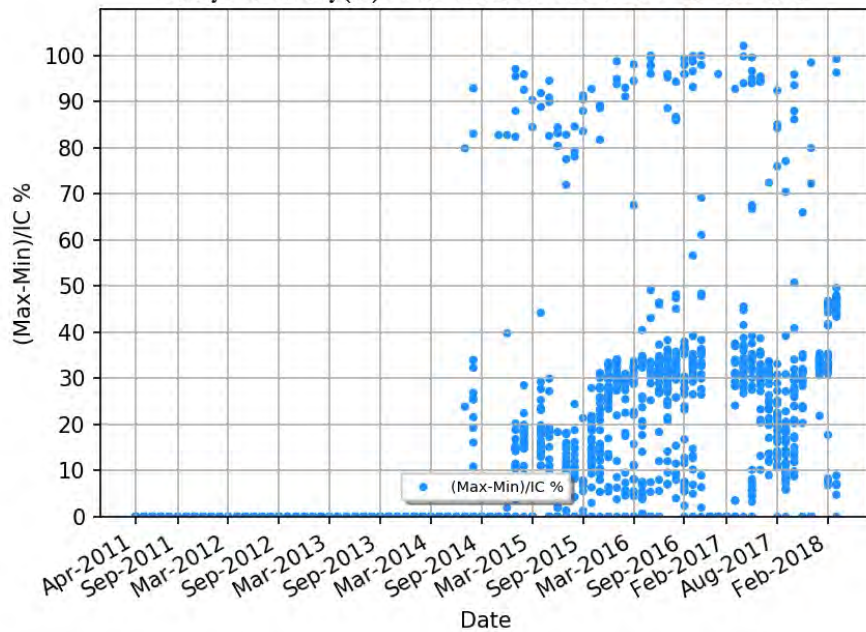
Daily Max Generation : PARICHHA TPS UNIT - 5 250 MW



Daily Min Generation : PARICHHA TPS UNIT - 5 250 MW



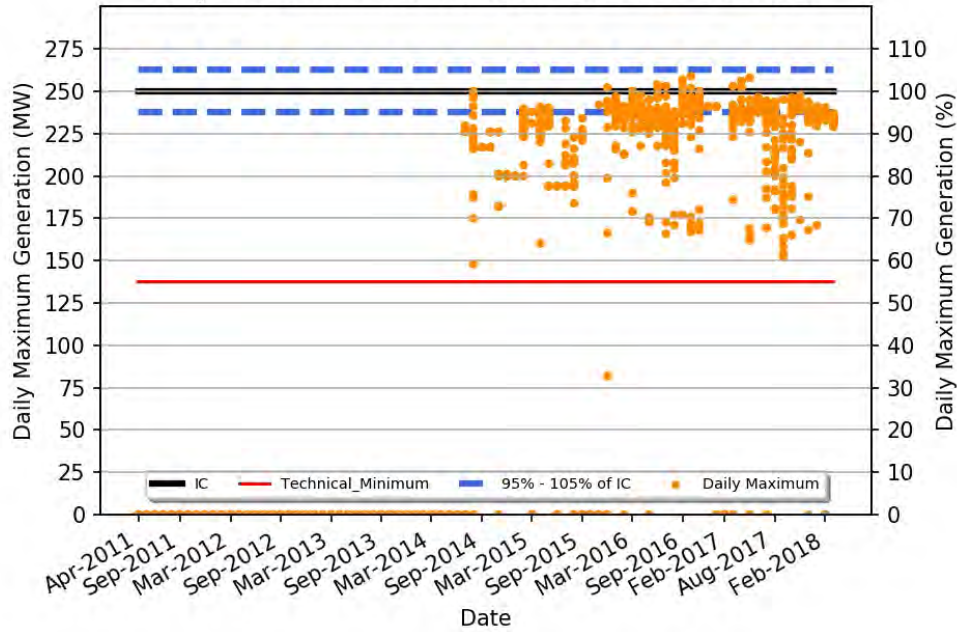
Daily Flexibility(%) : PARICHHA TPS UNIT - 5 250 MW



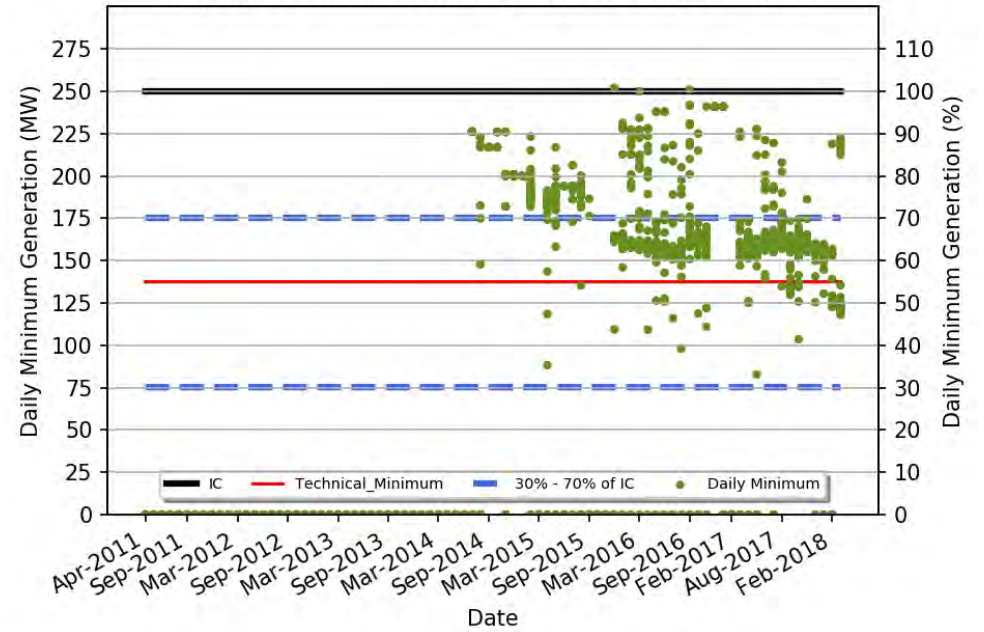
**PARICHHA TPS UNIT - 5 250 MW**

<b>Region</b>	<b>: Northern Region</b>
<b>Number of Days Considered</b>	<b>: 1082</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 49 (%)</b>
(% of total days in operation)	
<b>No. Of Days Min Generation Achieved</b>	<b>: 49 (%)</b>
(% of total days in operation)	
<b>Average Flexibility</b>	<b>: 24 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 228</b>
<b>Daily Average (MW)</b>	<b>: 202</b>
<b>Average Daily Min (MW)</b>	<b>: 167</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 91</b>
<b>Daily Average/IC (%)</b>	<b>: 80</b>
<b>Average Daily Min/IC (%)</b>	<b>: 67</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 293</b>

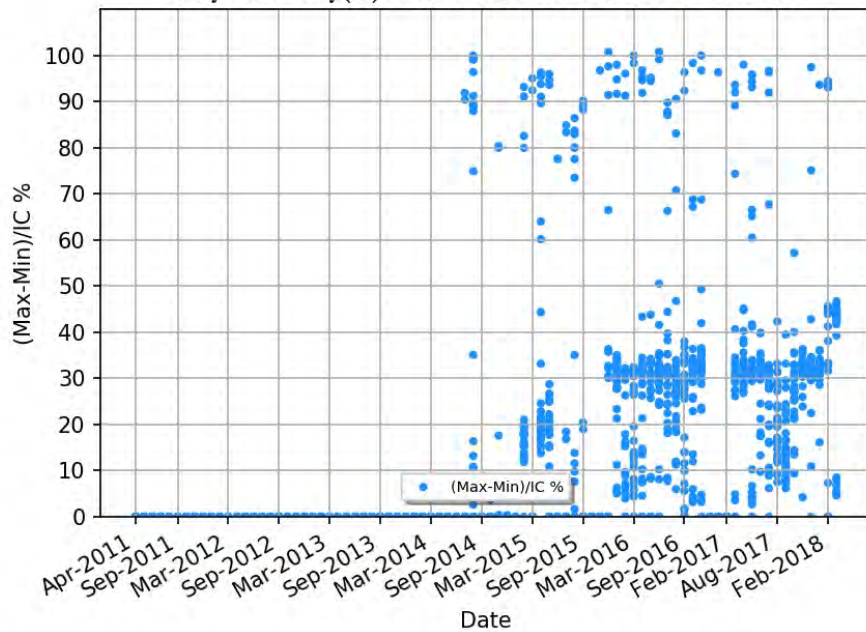
Daily Max Generation : PARICHHA TPS UNIT - 6 250 MW



Daily Min Generation : PARICHHA TPS UNIT - 6 250 MW



Daily Flexibility(%) : PARICHHA TPS UNIT - 6 250 MW

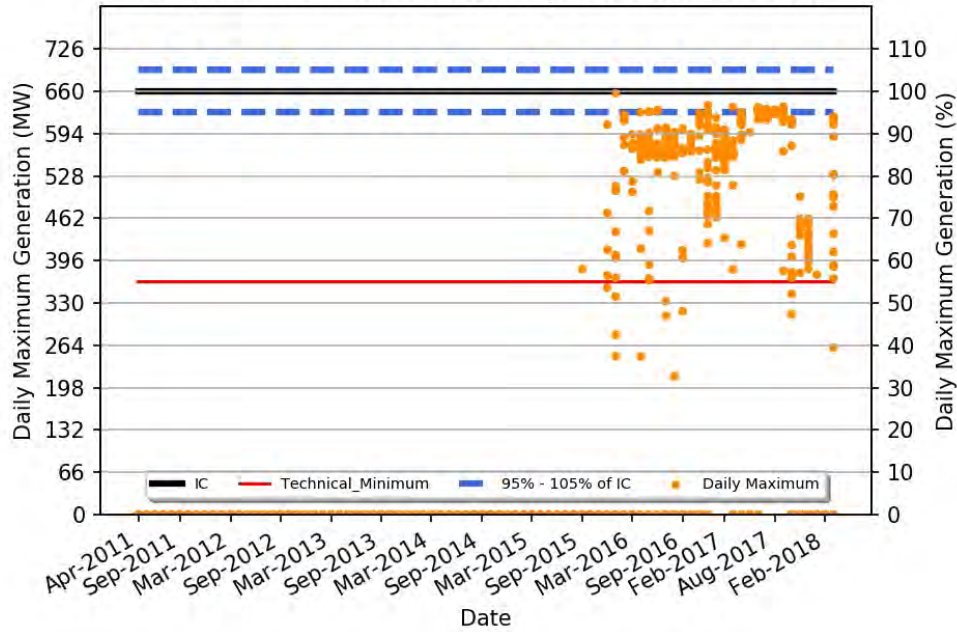


**PARICHHA TPS UNIT - 6 250 MW**

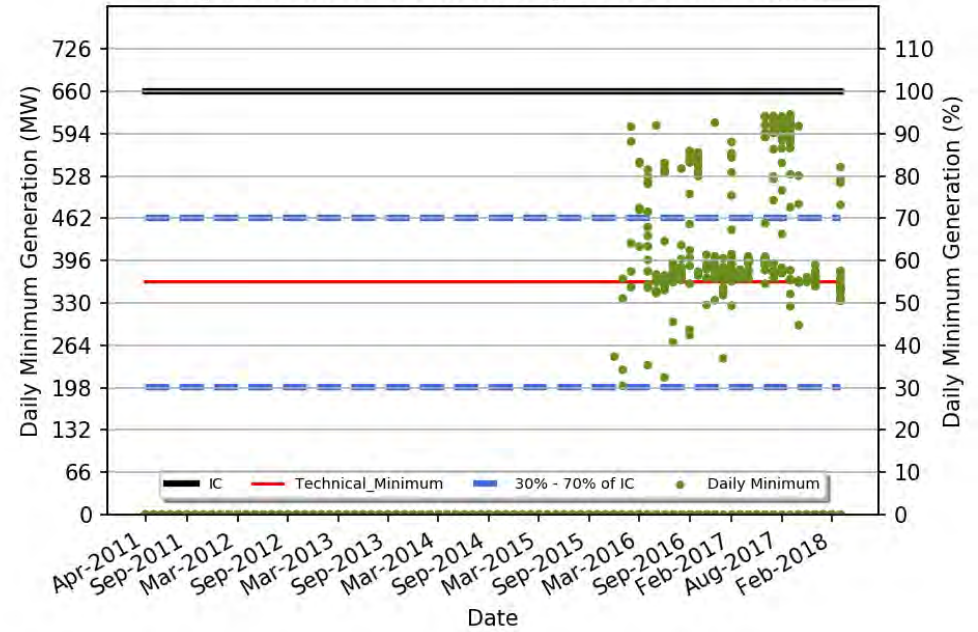
<b>Region</b>	<b>: Northern Region</b>
<b>Number of Days Considered</b>	<b>: 1124</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 35 (%)</b>
(% of total days in operation)	
<b>No. Of Days Min Generation Achieved</b>	<b>: 48 (%)</b>
(% of total days in operation)	
<b>Average Flexibility</b>	<b>: 23 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 225</b>
<b>Daily Average (MW)</b>	<b>: 200</b>
<b>Average Daily Min (MW)</b>	<b>: 165</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 90</b>
<b>Daily Average/IC (%)</b>	<b>: 80</b>
<b>Average Daily Min/IC (%)</b>	<b>: 66</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 293</b>



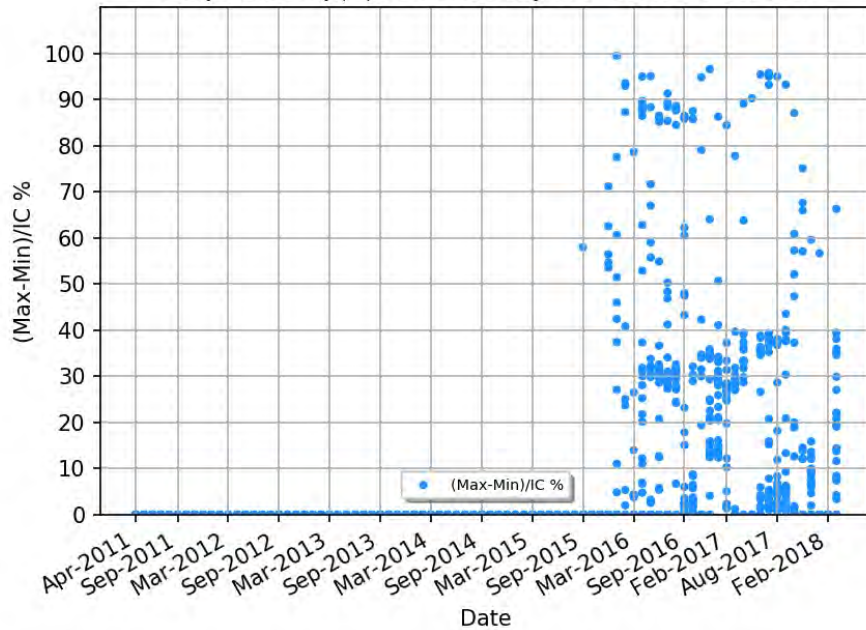
Daily Max Generation : PRAYAGRAJ TPP UNIT - 1 660 MW



Daily Min Generation : PRAYAGRAJ TPP UNIT - 1 660 MW



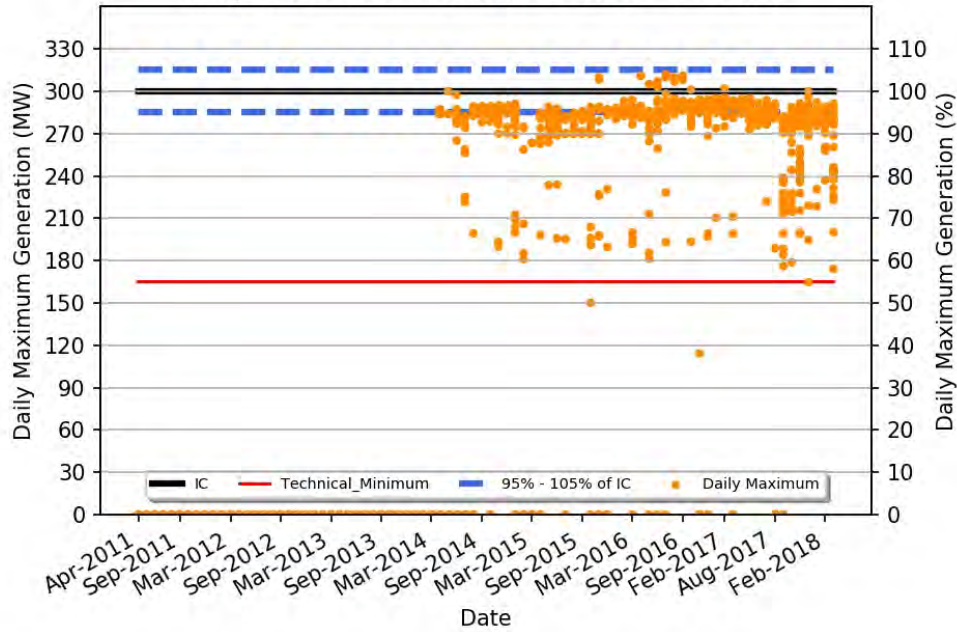
Daily Flexibility(%) : PRAYAGRAJ TPP UNIT - 1 660 MW



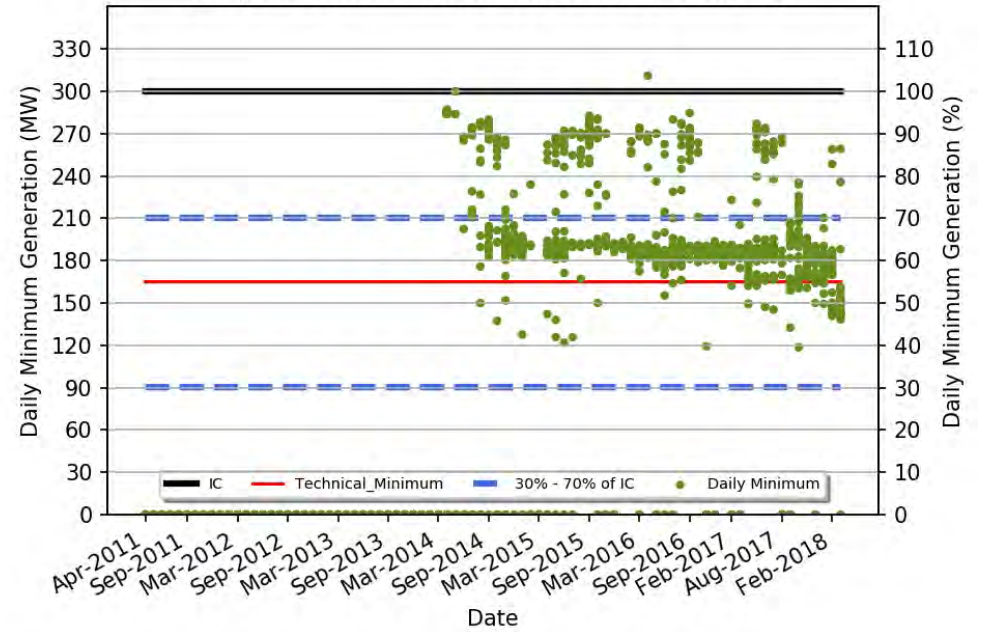
**PRAYAGRAJ TPP UNIT - 1 660 MW**

Region	: Northern Region
Number of Days Considered	: 442
No. Of Days Max Generation Achieved	: 18 (%)
(% of total days in operation)	
No. Of Days Min Generation Achieved	: 61 (%)
(% of total days in operation)	
Average Flexibility	: 27 (%)
Average Daily Max (MW)	: 565
Daily Average (MW)	: 501
Average Daily Min (MW)	: 380
Average Daily Max/ IC (%)	: 85
Daily Average/IC (%)	: 75
Average Daily Min/IC (%)	: 57
Variable Charge (Paisa/kWh)	: 249

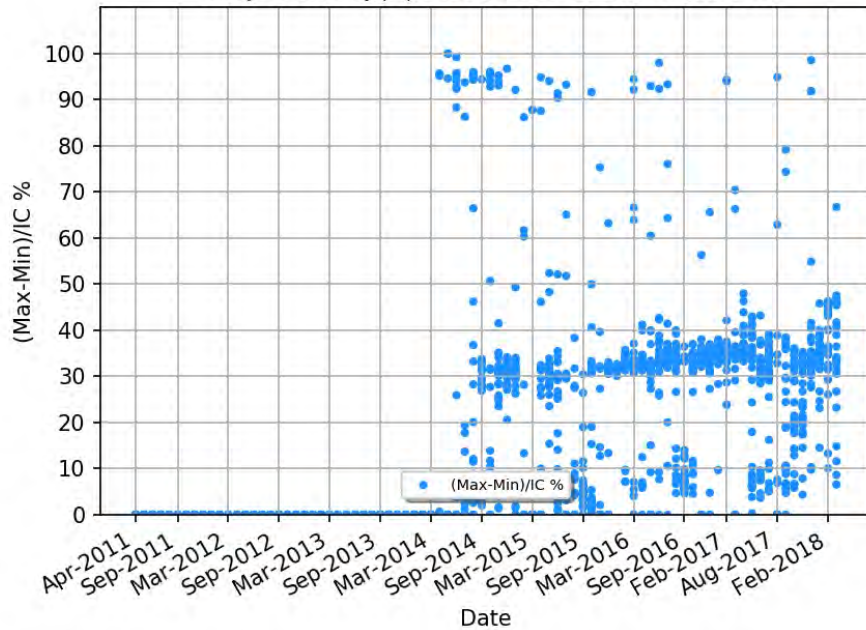
Daily Max Generation : ROSA TPP UNIT - 1 300 MW



Daily Min Generation : ROSA TPP UNIT - 1 300 MW



Daily Flexibility(%) : ROSA TPP UNIT - 1 300 MW

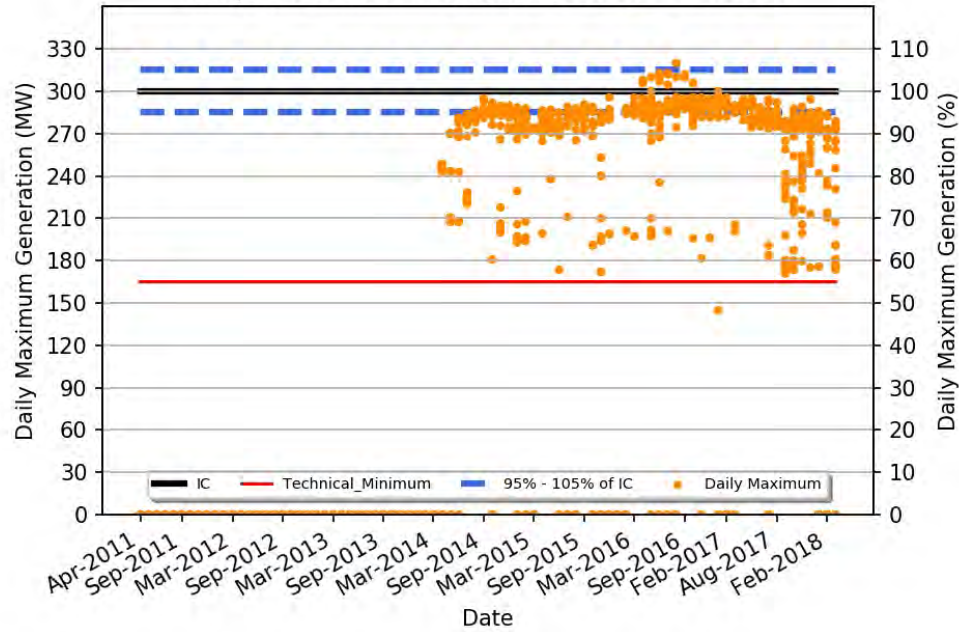


**ROSA TPP UNIT - 1 300 MW**

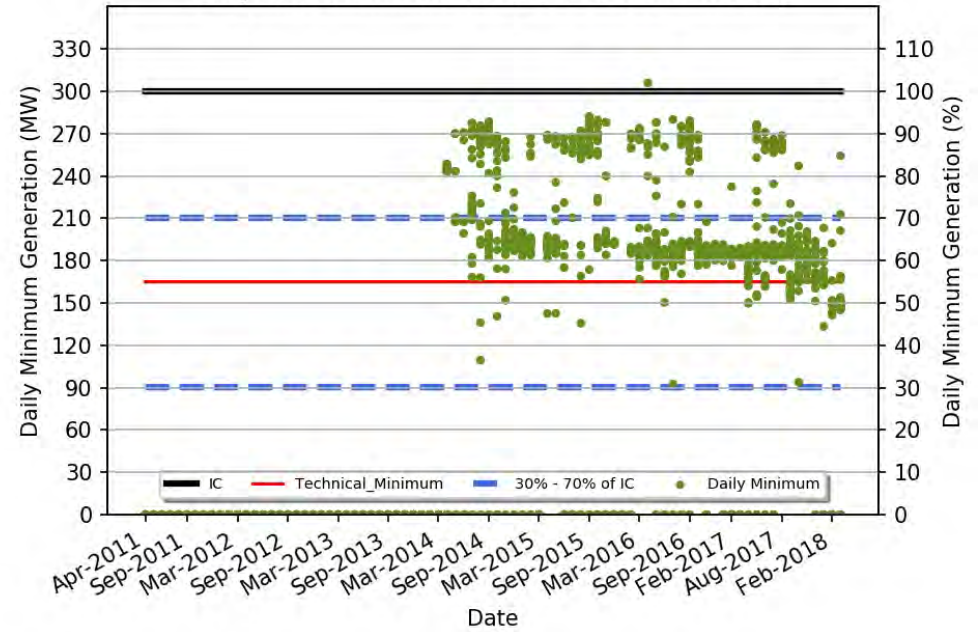
<b>Region</b>	<b>: Northern Region</b>
<b>Number of Days Considered</b>	<b>: 1186</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 45 (%)</b>
(% of total days in operation)	
<b>No. Of Days Min Generation Achieved</b>	<b>: 69 (%)</b>
(% of total days in operation)	
<b>Average Flexibility</b>	<b>: 27 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 278</b>
<b>Daily Average (MW)</b>	<b>: 242</b>
<b>Average Daily Min (MW)</b>	<b>: 195</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 92</b>
<b>Daily Average/IC (%)</b>	<b>: 80</b>
<b>Average Daily Min/IC (%)</b>	<b>: 65</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 317</b>



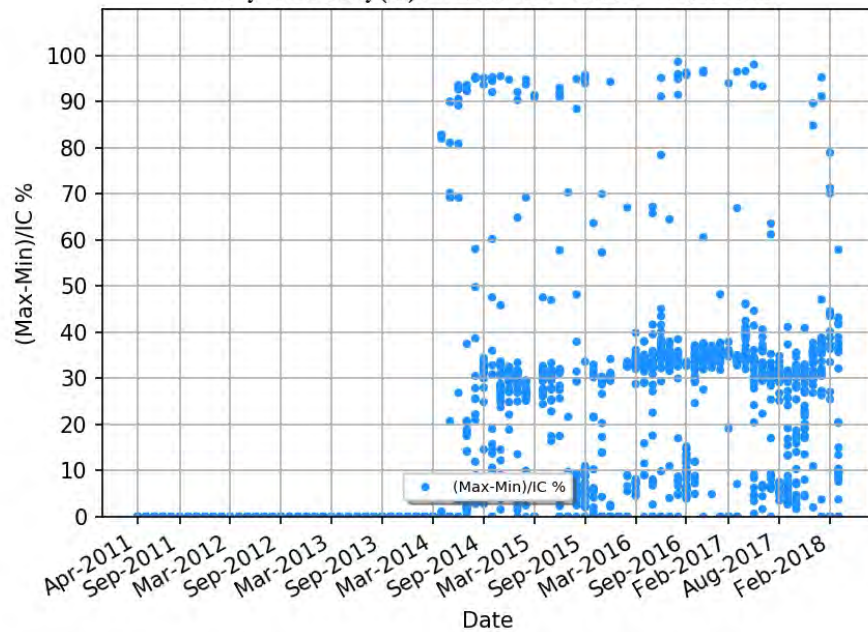
Daily Max Generation : ROSA TPP UNIT - 2 300 MW



Daily Min Generation : ROSA TPP UNIT - 2 300 MW



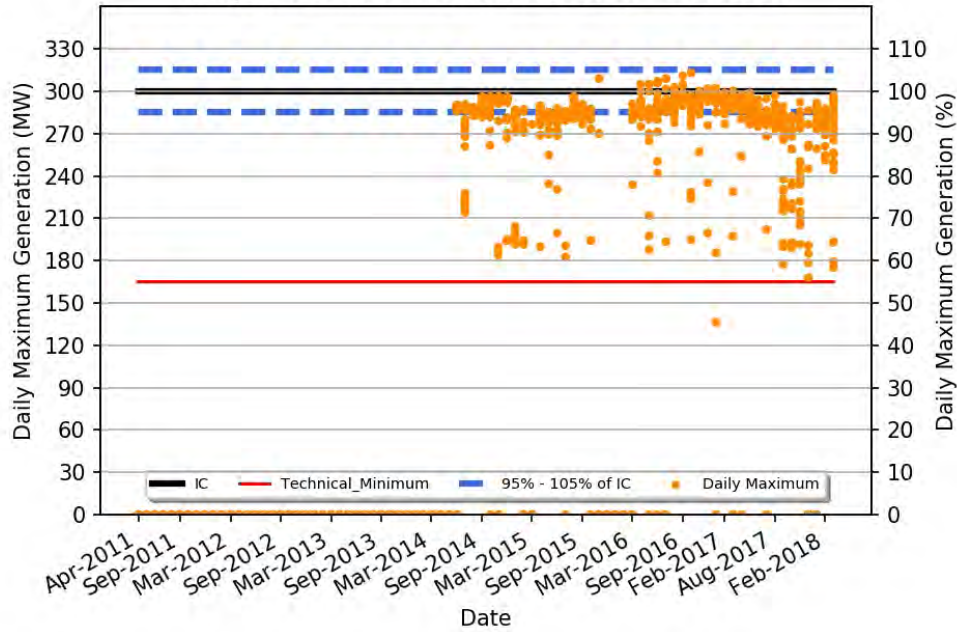
Daily Flexibility(%) : ROSA TPP UNIT - 2 300 MW



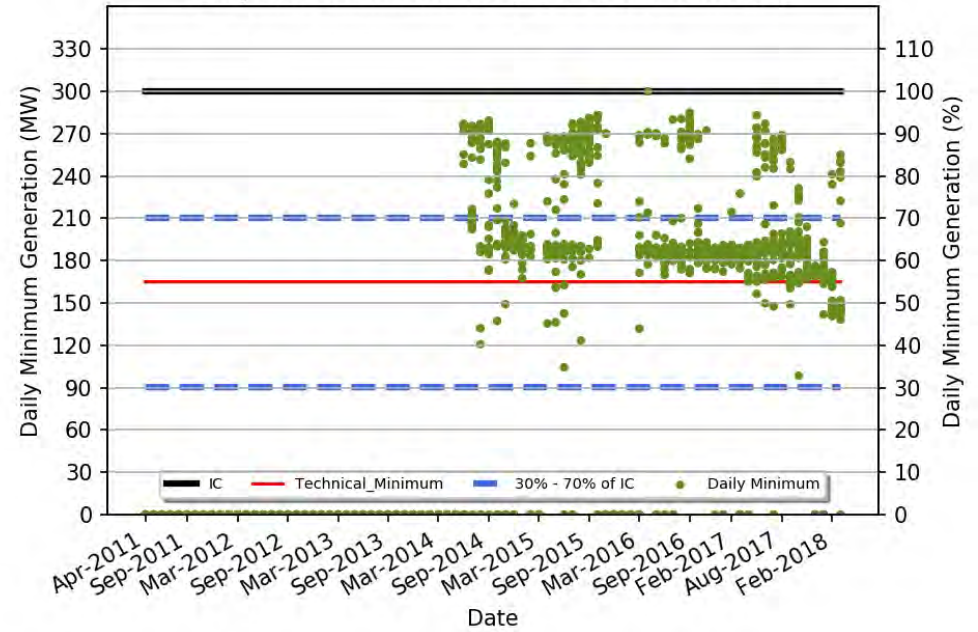
**ROSA TPP UNIT - 2 300 MW**

<b>Region</b>	<b>: Northern Region</b>
<b>Number of Days Considered</b>	<b>: 1168</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 39 (%)</b>
(% of total days in operation)	
<b>No. Of Days Min Generation Achieved</b>	<b>: 67 (%)</b>
(% of total days in operation)	
<b>Average Flexibility</b>	<b>: 26 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 274</b>
<b>Daily Average (MW)</b>	<b>: 239</b>
<b>Average Daily Min (MW)</b>	<b>: 194</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 91</b>
<b>Daily Average/IC (%)</b>	<b>: 79</b>
<b>Average Daily Min/IC (%)</b>	<b>: 64</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 317</b>

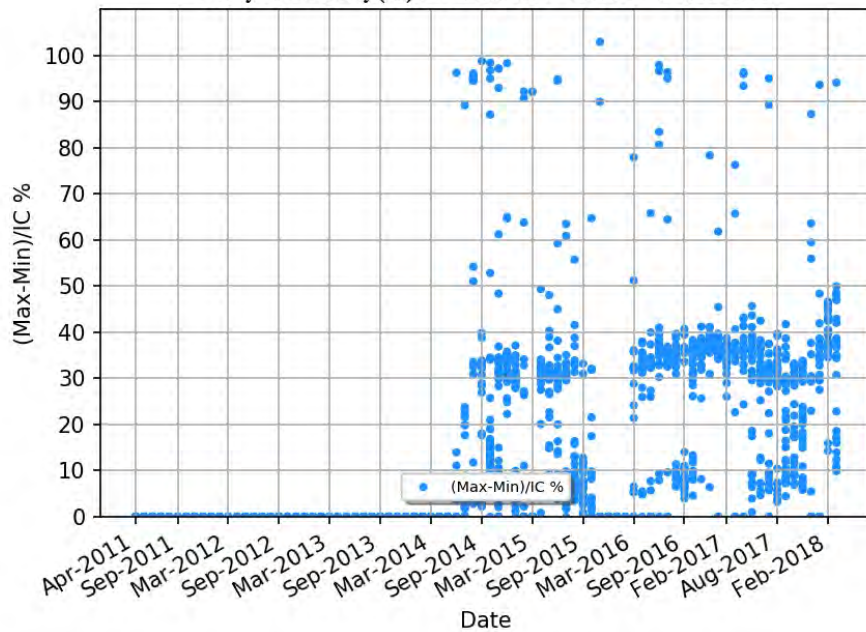
Daily Max Generation : ROSA TPP UNIT - 3 300 MW



Daily Min Generation : ROSA TPP UNIT - 3 300 MW



Daily Flexibility(%) : ROSA TPP UNIT - 3 300 MW

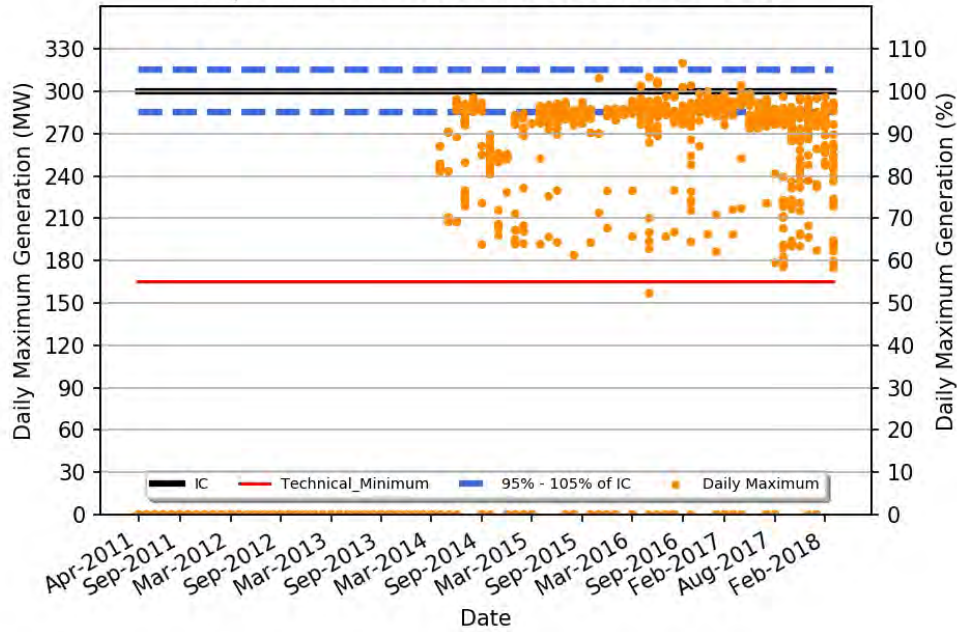


**ROSA TPP UNIT - 3 300 MW**

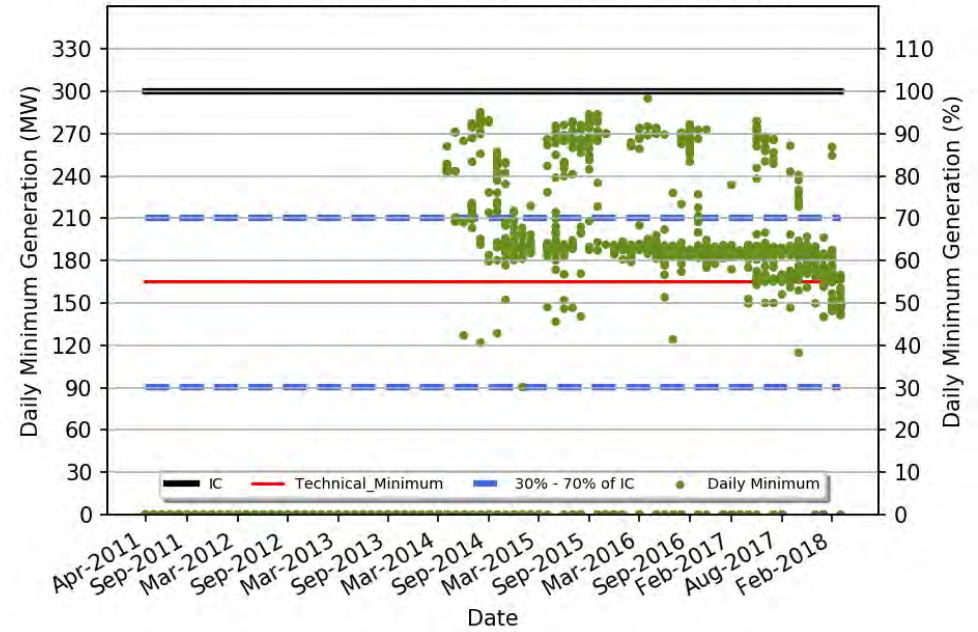
<b>Region</b>	<b>: Northern Region</b>
<b>Number of Days Considered</b>	<b>: 1097</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 51 (%)</b>
(% of total days in operation)	
<b>No. Of Days Min Generation Achieved</b>	<b>: 68 (%)</b>
(% of total days in operation)	
<b>Average Flexibility</b>	<b>: 27 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 279</b>
<b>Daily Average (MW)</b>	<b>: 243</b>
<b>Average Daily Min (MW)</b>	<b>: 197</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 93</b>
<b>Daily Average/IC (%)</b>	<b>: 81</b>
<b>Average Daily Min/IC (%)</b>	<b>: 65</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 317</b>



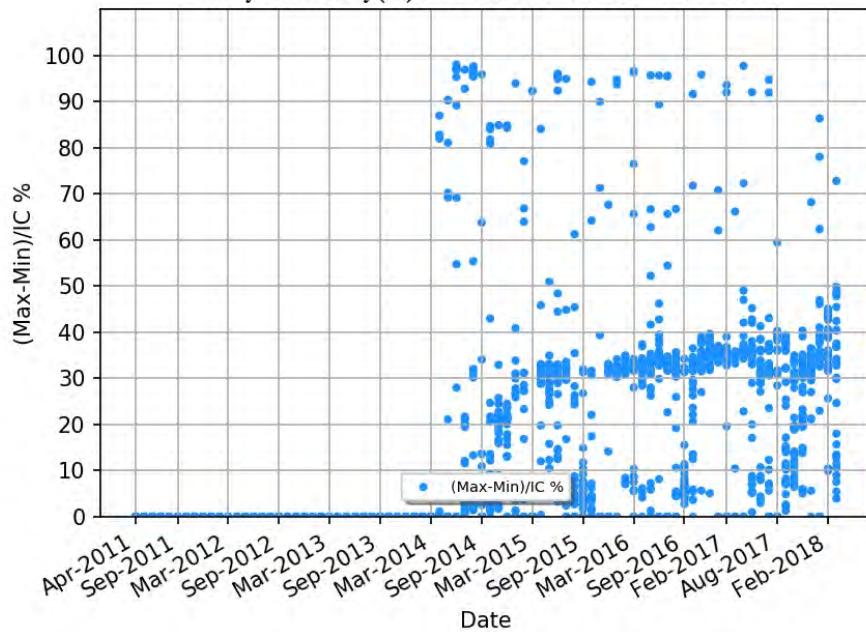
Daily Max Generation : ROSA TPP UNIT - 4 300 MW



Daily Min Generation : ROSA TPP UNIT - 4 300 MW



Daily Flexibility(%) : ROSA TPP UNIT - 4 300 MW



**ROSA TPP UNIT - 4 300 MW**

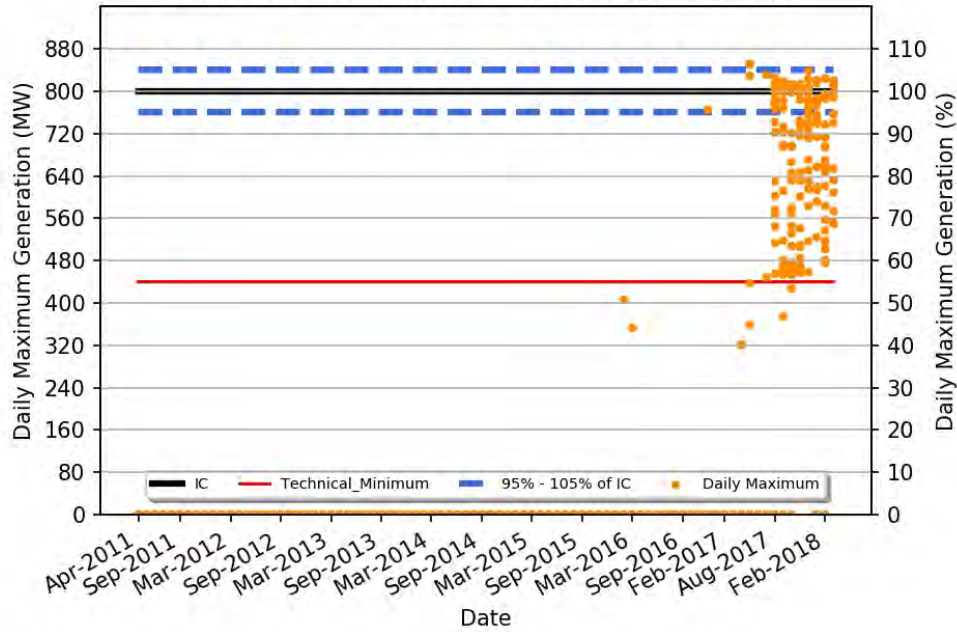
<b>Region</b>	<b>: Northern Region</b>
<b>Number of Days Considered</b>	<b>: 1138</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 39 (%)</b>
(% of total days in operation)	
<b>No. Of Days Min Generation Achieved</b>	<b>: 68 (%)</b>
(% of total days in operation)	
<b>Average Flexibility</b>	<b>: 27 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 272</b>
<b>Daily Average (MW)</b>	<b>: 237</b>
<b>Average Daily Min (MW)</b>	<b>: 191</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 90</b>
<b>Daily Average/IC (%)</b>	<b>: 79</b>
<b>Average Daily Min/IC (%)</b>	<b>: 63</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 317</b>

# SOUTHERN REGION

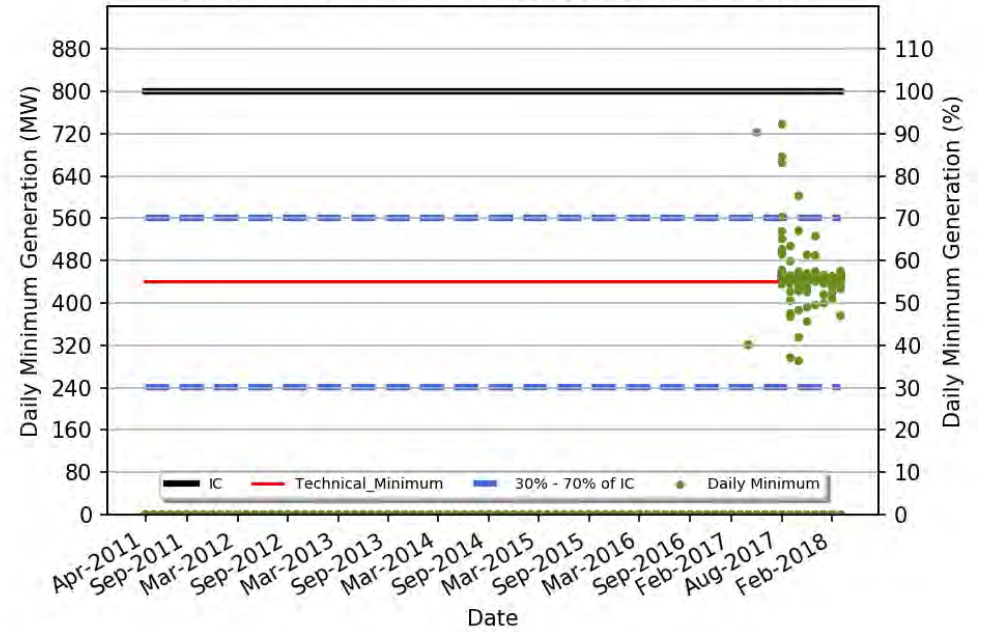


# CENTRAL GENERATION STATIONS

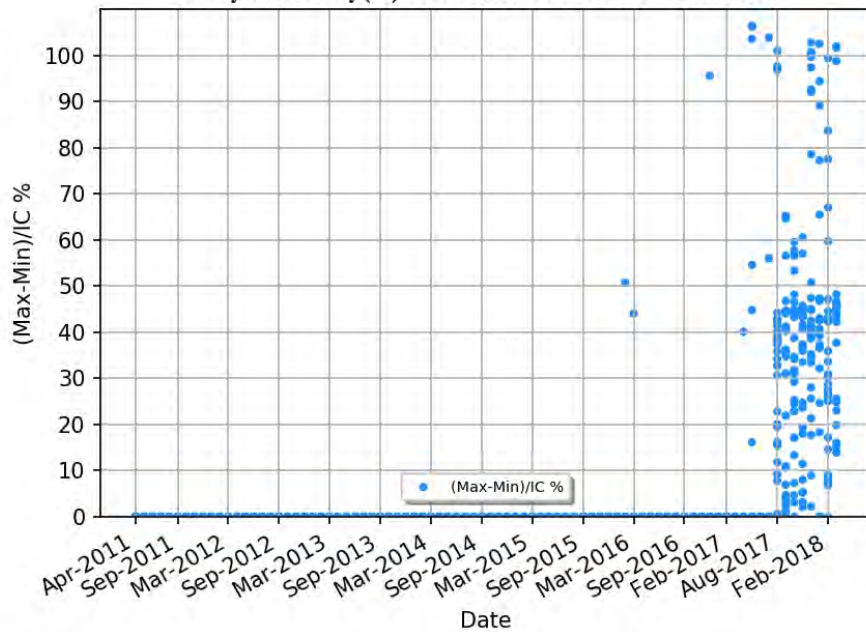
Daily Max Generation : KUDGI STPP UNIT - 1 800 MW



Daily Min Generation : KUDGI STPP UNIT - 1 800 MW



Daily Flexibility(%) : KUDGI STPP UNIT - 1 800 MW

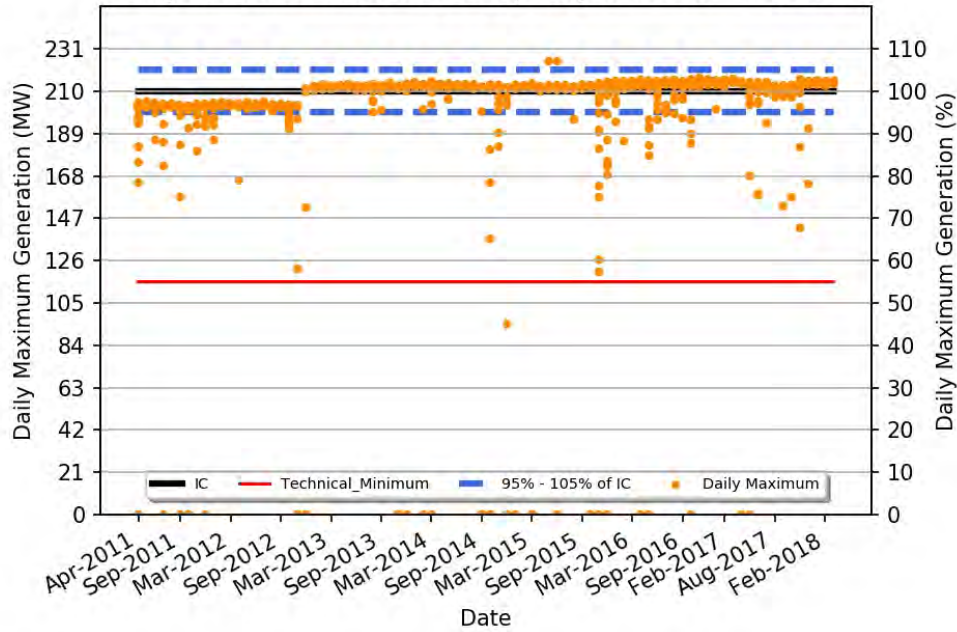


### KUDGI STPP UNIT - 1 800 MW

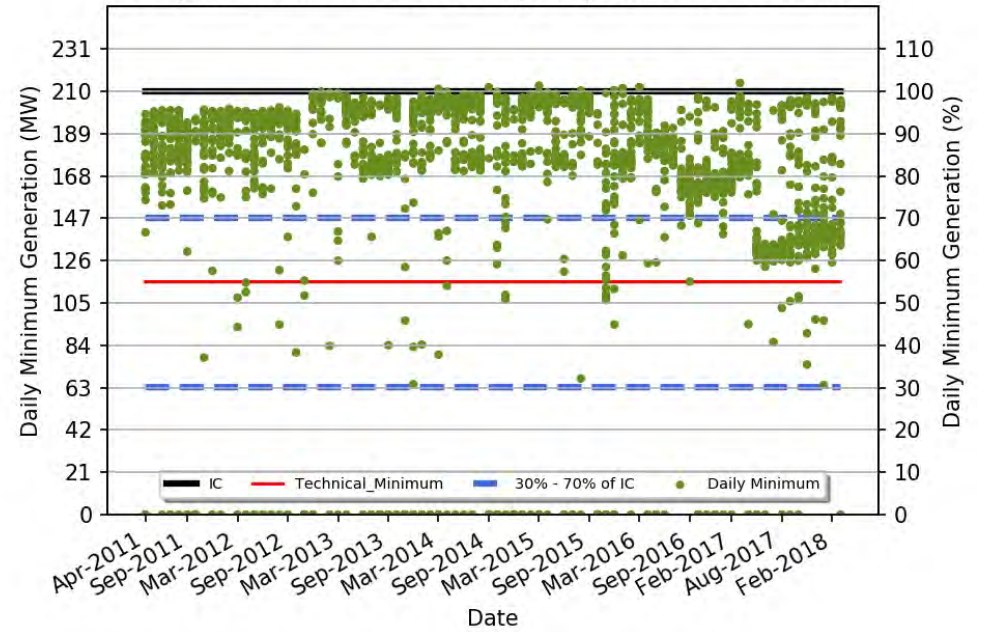
Region	: Southern Region
Number of Days Considered	: 231
No. Of Days Max Generation Achieved	: 45 (%)
(% of total days in operation)	
No. Of Days Min Generation Achieved	: 81 (%)
(% of total days in operation)	
Average Flexibility	: 39 (%)
Average Daily Max (MW)	: 691
Daily Average (MW)	: 526
Average Daily Min (MW)	: 376
Average Daily Max/ IC (%)	: 86
Daily Average/IC (%)	: 65
Average Daily Min/IC (%)	: 47
Variable Charge (Paisa/kWh)	: 356
Number Of Beneficiaries	: 5



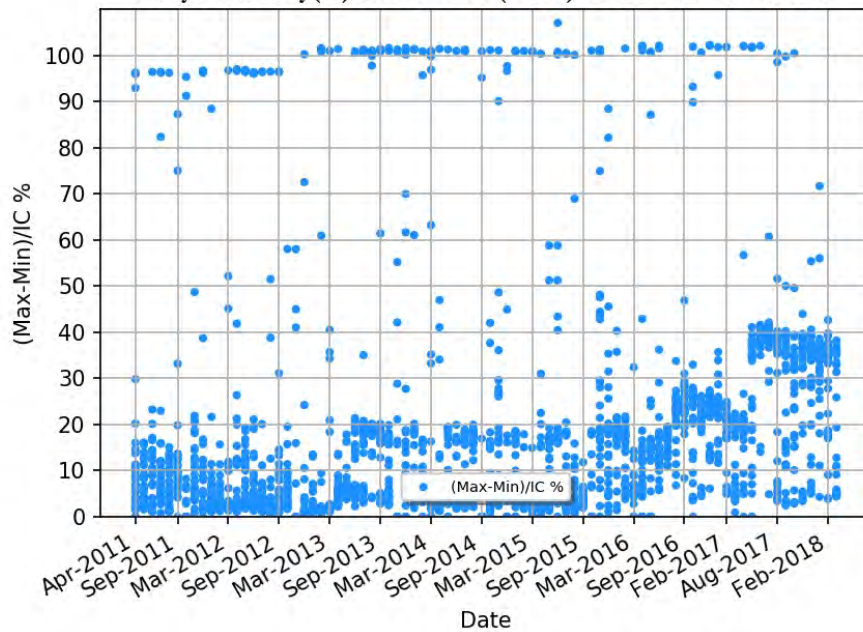
Daily Max Generation : NEYVELI ( EXT) TPS UNIT - 1 210 MW



Daily Min Generation : NEYVELI ( EXT) TPS UNIT - 1 210 MW



Daily Flexibility(%): NEYVELI ( EXT) TPS UNIT - 1 210 MW

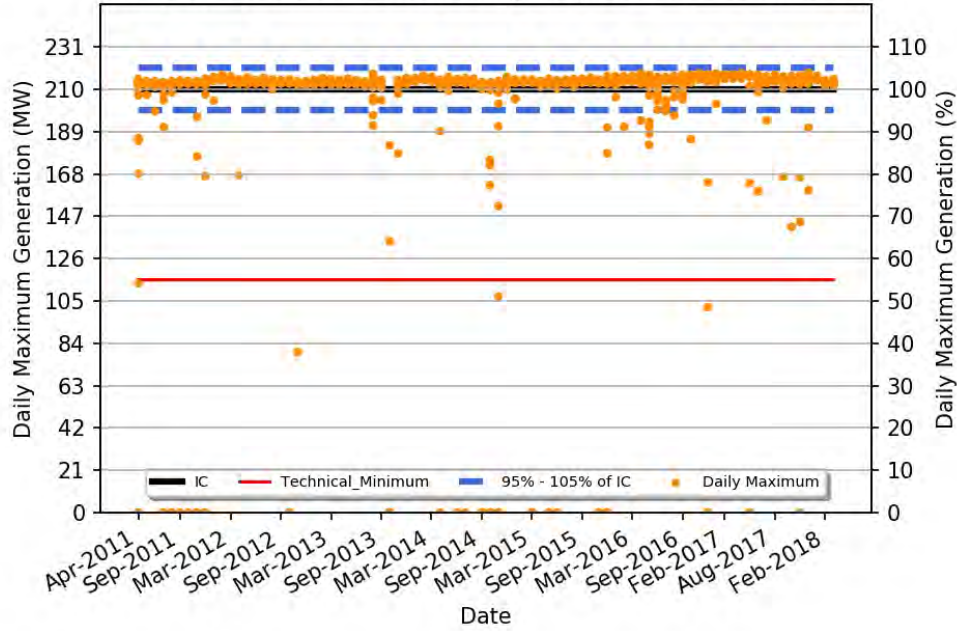


### NEYVELI ( EXT) TPS UNIT - 1 210 MW

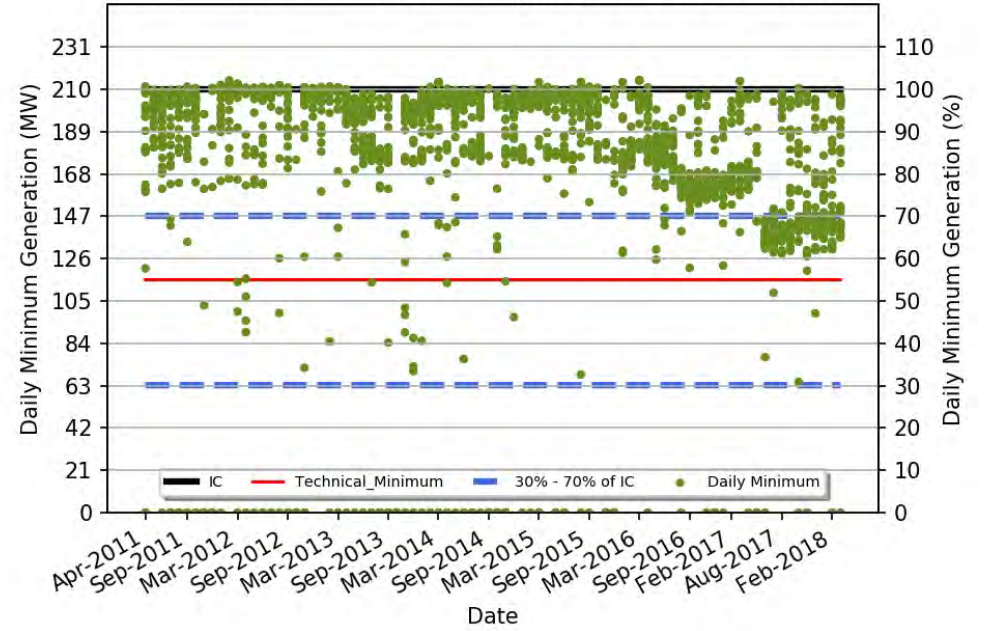
Region	: Southern Region
Number of Days Considered	: 2318
No. Of Days Max Generation Achieved	: 96 (%)
(% of total days in operation)	
No. Of Days Min Generation Achieved	: 12 (%)
(% of total days in operation)	
Average Flexibility	: 18 (%)
Average Daily Max (MW)	: 209
Daily Average (MW)	: 198
Average Daily Min (MW)	: 170
Average Daily Max/ IC (%)	: 99
Daily Average/IC (%)	: 94
Average Daily Min/IC (%)	: 81
Variable Charge (Paisa/kWh)	: 237
Number Of Beneficiaries	: 4



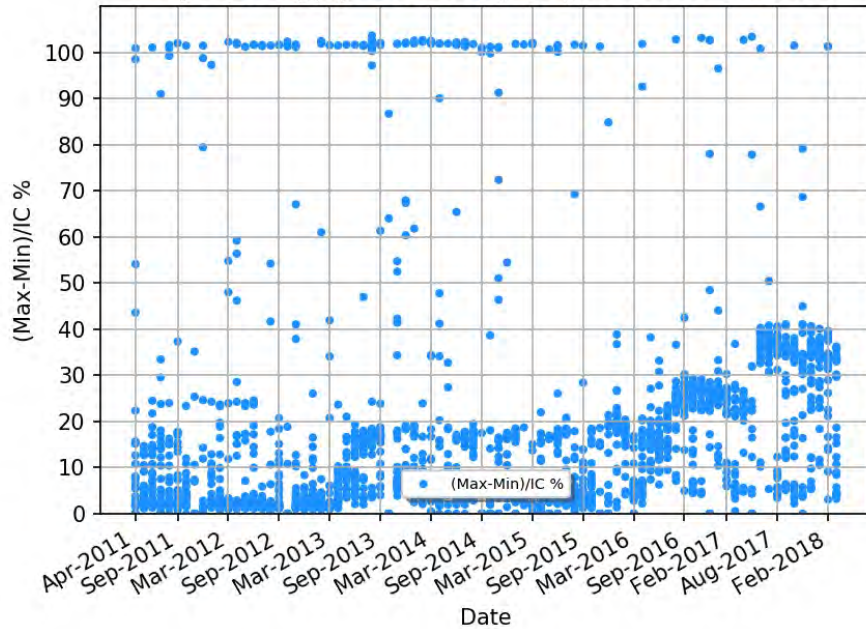
Daily Max Generation : NEYVELI ( EXT) TPS UNIT - 2 210 MW



Daily Min Generation : NEYVELI ( EXT) TPS UNIT - 2 210 MW



Daily Flexibility(%) : NEYVELI ( EXT) TPS UNIT - 2 210 MW

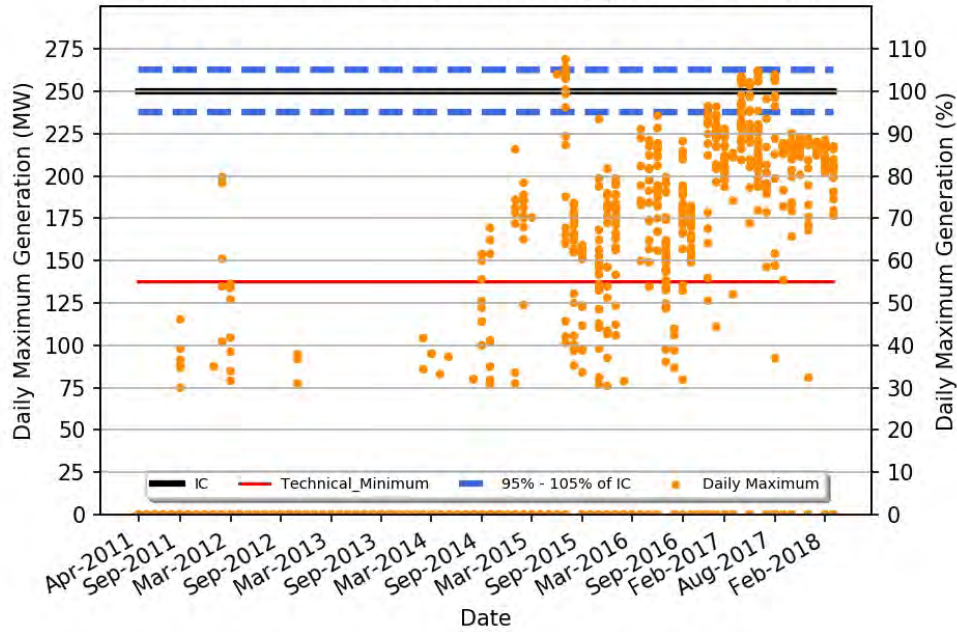


### NEYVELI ( EXT) TPS UNIT - 2 210 MW

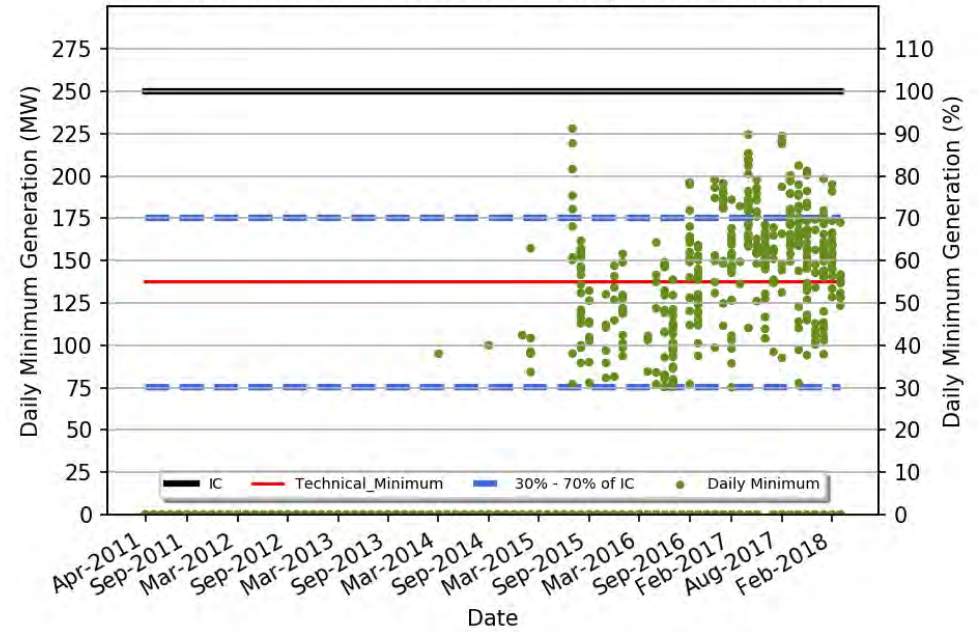
Region	: Southern Region
Number of Days Considered	: 2251
No. Of Days Max Generation Achieved	: 98 (%)
(% of total days in operation)	
No. Of Days Min Generation Achieved	: 10 (%)
(% of total days in operation)	
Average Flexibility	: 17 (%)
Average Daily Max (MW)	: 213
Daily Average (MW)	: 203
Average Daily Min (MW)	: 177
Average Daily Max/ IC (%)	: 101
Daily Average/IC (%)	: 96
Average Daily Min/IC (%)	: 84
Variable Charge (Paisa/kWh)	: 237
Number Of Beneficiaries	: 9



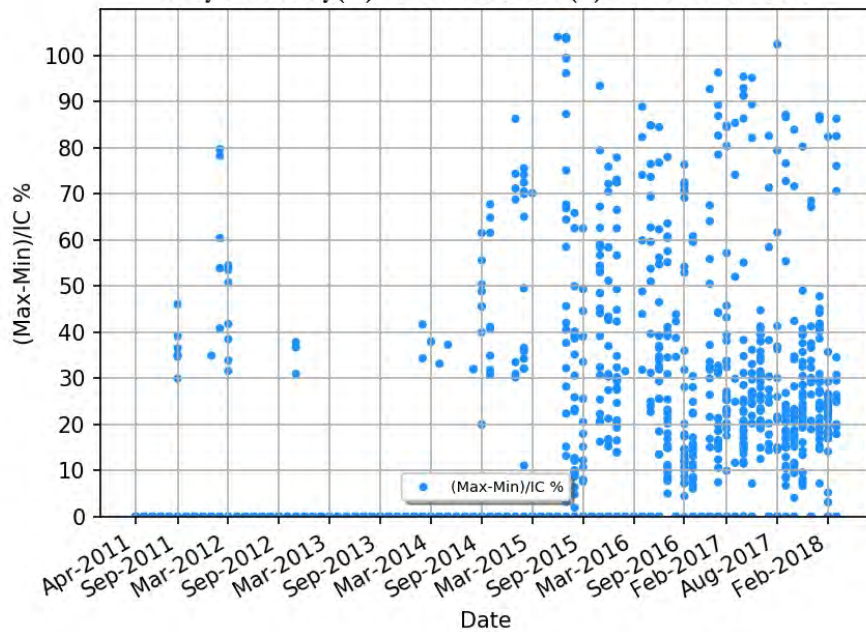
Daily Max Generation : NEYVELI TPS(Z) UNIT - 1 250 MW



Daily Min Generation : NEYVELI TPS(Z) UNIT - 1 250 MW



Daily Flexibility(%) : NEYVELI TPS(Z) UNIT - 1 250 MW

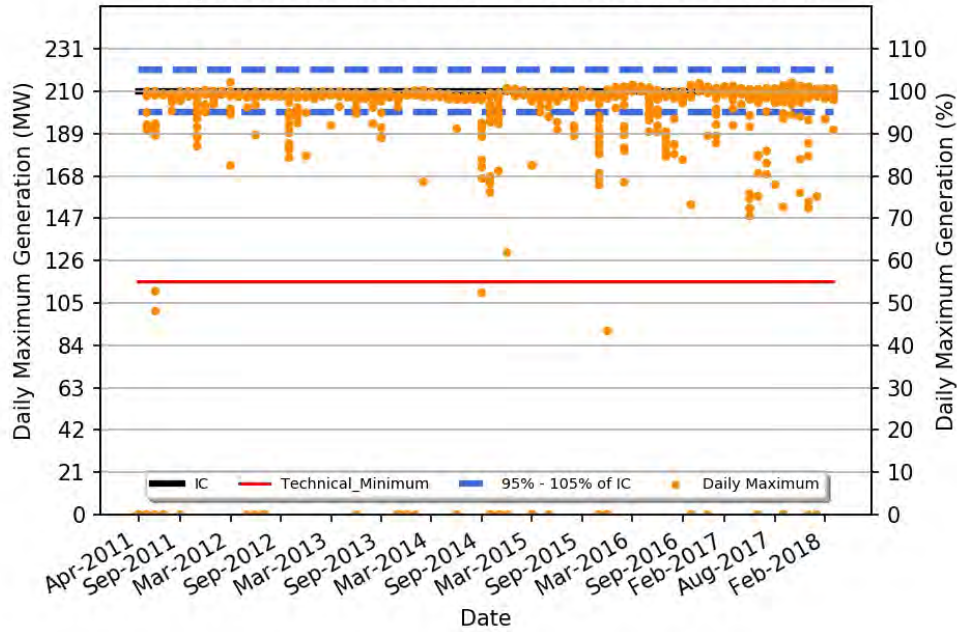


**NEYVELI TPS(Z) UNIT - 1 250 MW**

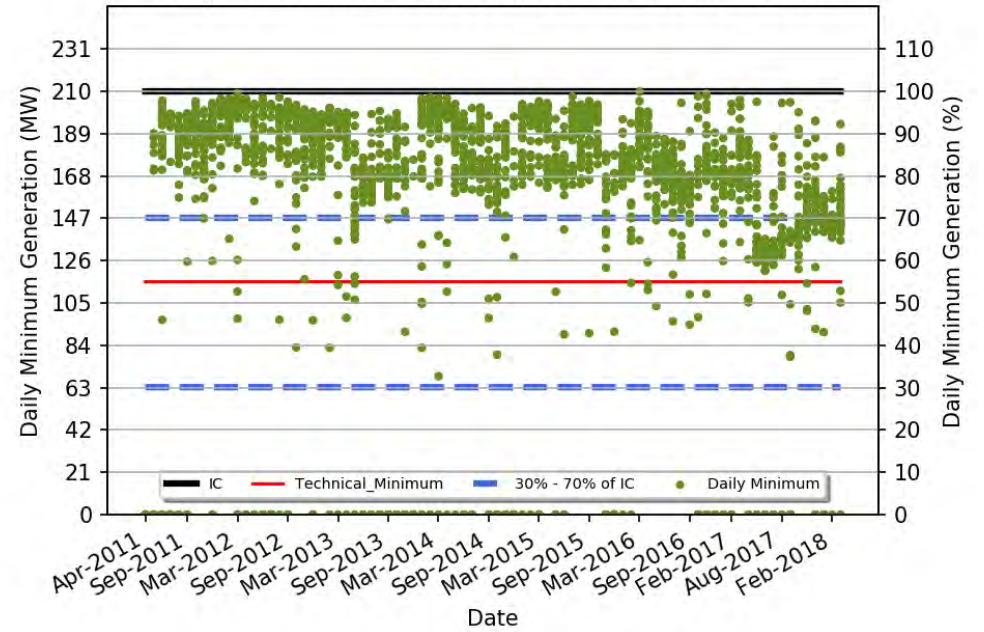
<b>Region</b>	<b>: Southern Region</b>
<b>Number of Days Considered</b>	<b>: 567</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 9 (%)</b>
(% of total days in operation)	
<b>No. Of Days Min Generation Achieved</b>	<b>: 64 (%)</b>
(% of total days in operation)	
<b>Average Flexibility</b>	<b>: 32 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 197</b>
<b>Daily Average (MW)</b>	<b>: 169</b>
<b>Average Daily Min (MW)</b>	<b>: 114</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 78</b>
<b>Daily Average/IC (%)</b>	<b>: 67</b>
<b>Average Daily Min/IC (%)</b>	<b>: 45</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 237</b>
<b>Number Of Beneficiaries</b>	<b>: 9</b>



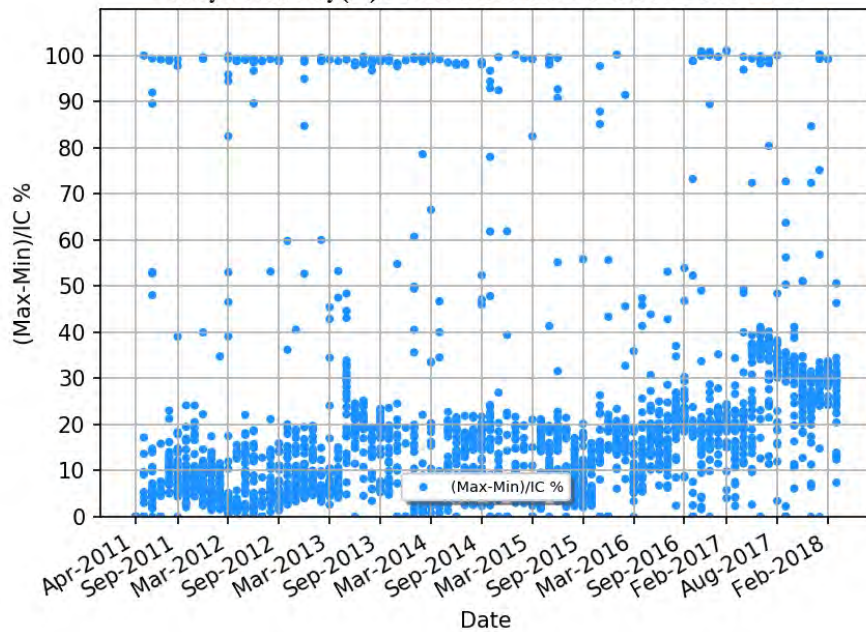
Daily Max Generation : NEYVELI TPS-II UNIT - 1 210 MW



Daily Min Generation : NEYVELI TPS-II UNIT - 1 210 MW



Daily Flexibility(%) : NEYVELI TPS-II UNIT - 1 210 MW

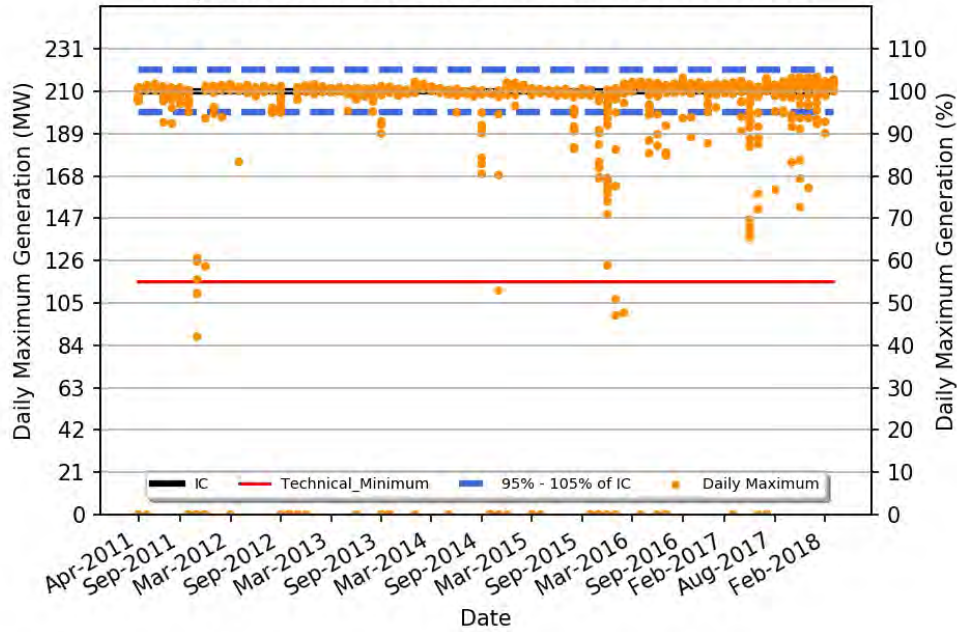


### NEYVELI TPS-II UNIT - 1 210 MW

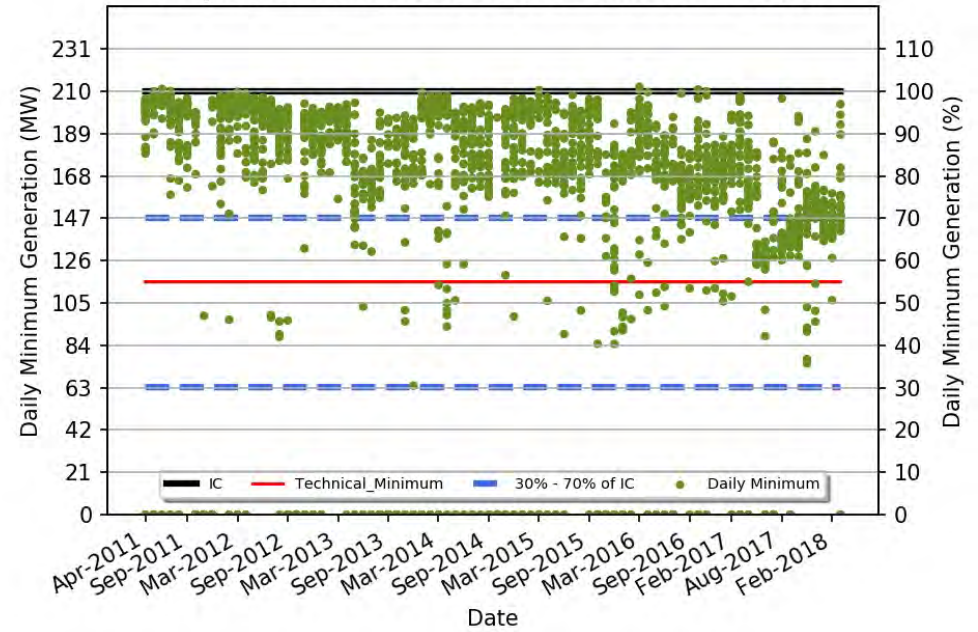
Region	: Southern Region
Number of Days Considered	: 2264
No. Of Days Max Generation Achieved	: 93 (%)
(% of total days in operation)	
No. Of Days Min Generation Achieved	: 11 (%)
(% of total days in operation)	
Average Flexibility	: 20 (%)
Average Daily Max (MW)	: 207
Daily Average (MW)	: 194
Average Daily Min (MW)	: 164
Average Daily Max/ IC (%)	: 98
Daily Average/IC (%)	: 92
Average Daily Min/IC (%)	: 78
Variable Charge (Paisa/kWh)	: 259
Number Of Beneficiaries	: 9



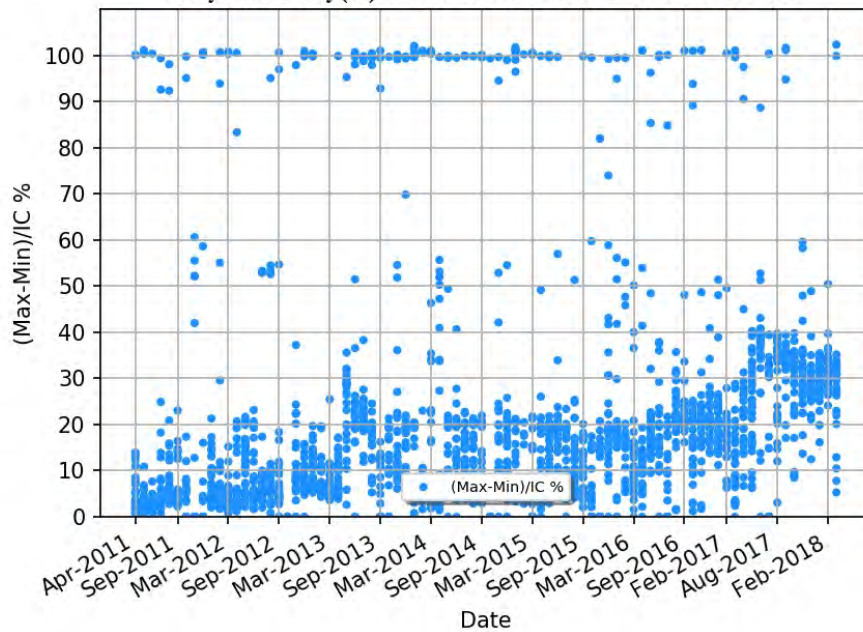
Daily Max Generation : NEYVELI TPS-II UNIT - 2 210 MW



Daily Min Generation : NEYVELI TPS-II UNIT - 2 210 MW



Daily Flexibility(%) : NEYVELI TPS-II UNIT - 2 210 MW

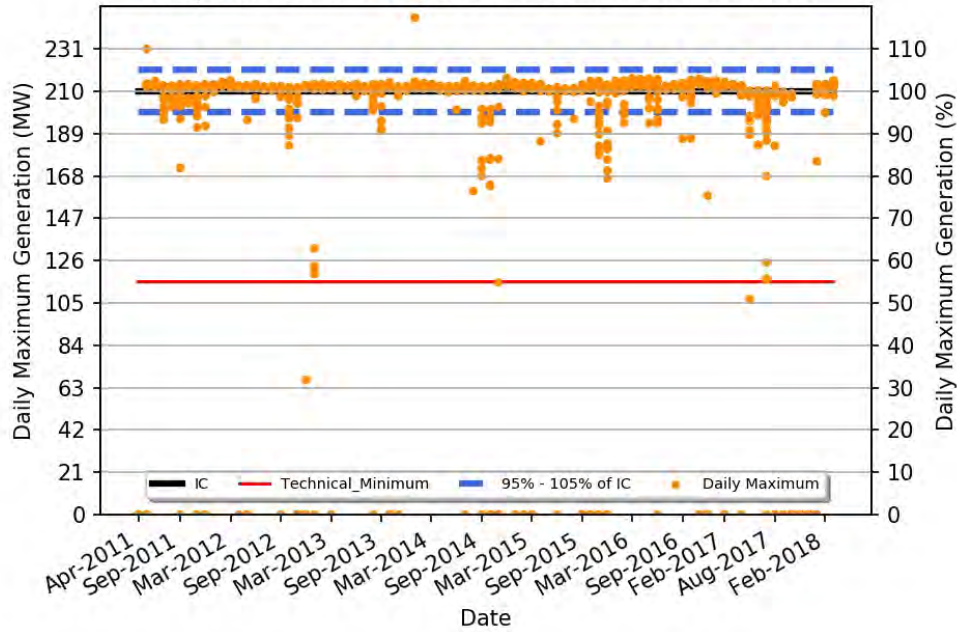


**NEYVELI TPS-II UNIT - 2 210 MW**

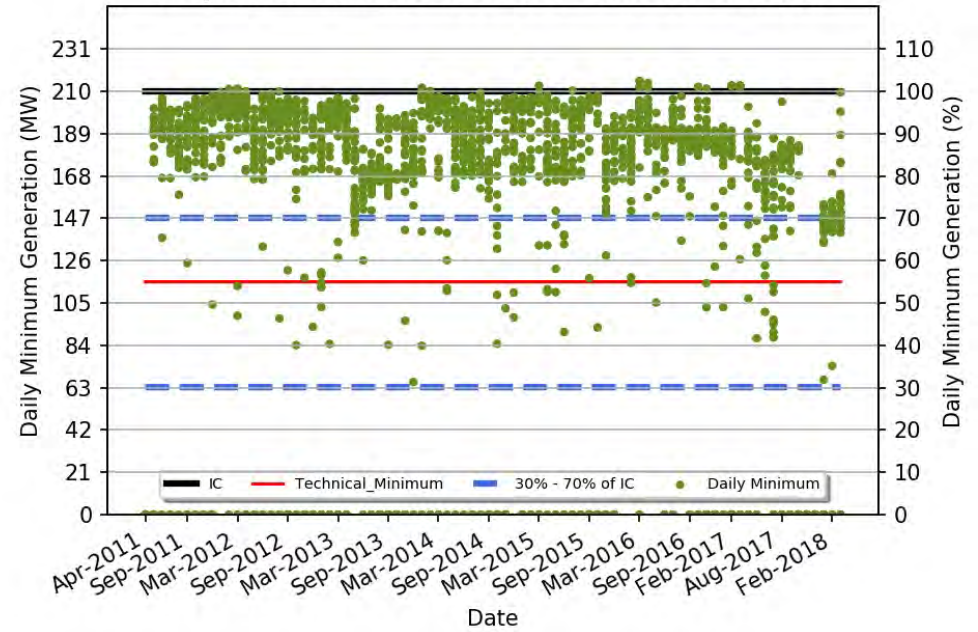
Region	: Southern Region
Number of Days Considered	: 2279
No. Of Days Max Generation Achieved	: 95 (%)
(% of total days in operation)	
No. Of Days Min Generation Achieved	: 11 (%)
(% of total days in operation)	
Average Flexibility	: 20 (%)
Average Daily Max (MW)	: 209
Daily Average (MW)	: 196
Average Daily Min (MW)	: 166
Average Daily Max/ IC (%)	: 99
Daily Average/IC (%)	: 93
Average Daily Min/IC (%)	: 79
Variable Charge (Paisa/kWh)	: 259
Number Of Beneficiaries	: 9



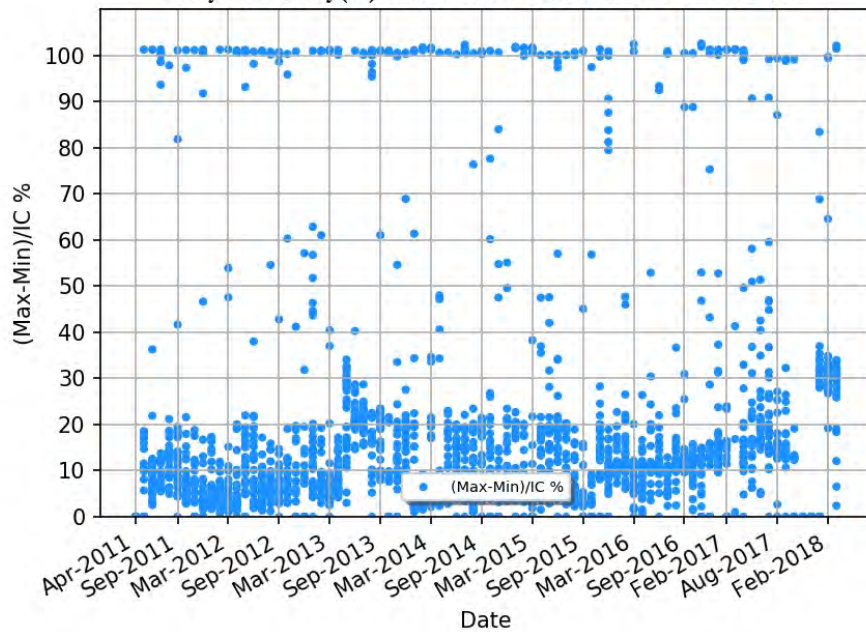
Daily Max Generation : NEYVELI TPS-II UNIT - 3 210 MW



Daily Min Generation : NEYVELI TPS-II UNIT - 3 210 MW



Daily Flexibility(%) : NEYVELI TPS-II UNIT - 3 210 MW

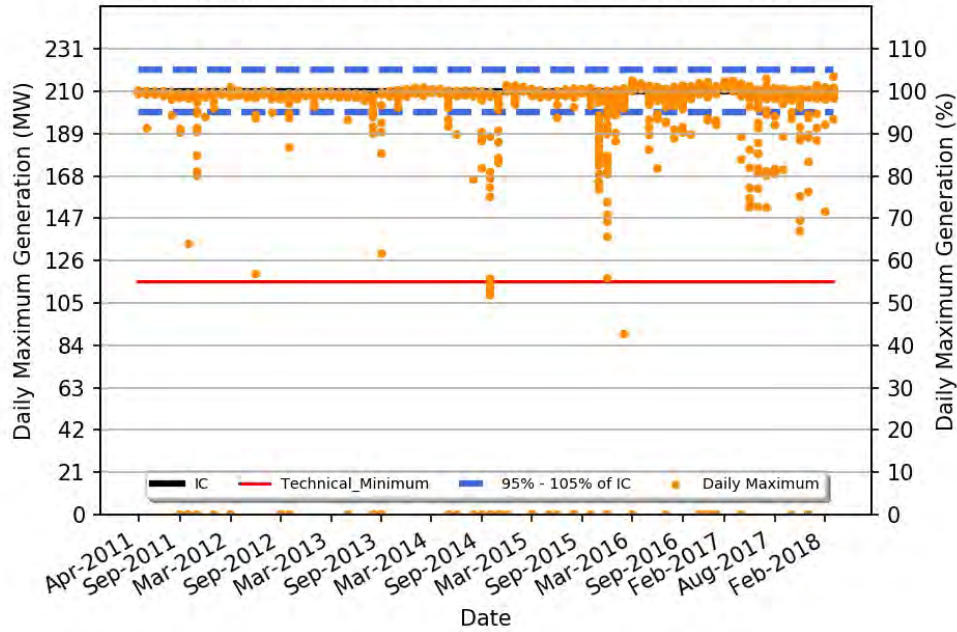


**NEYVELI TPS-II UNIT - 3 210 MW**

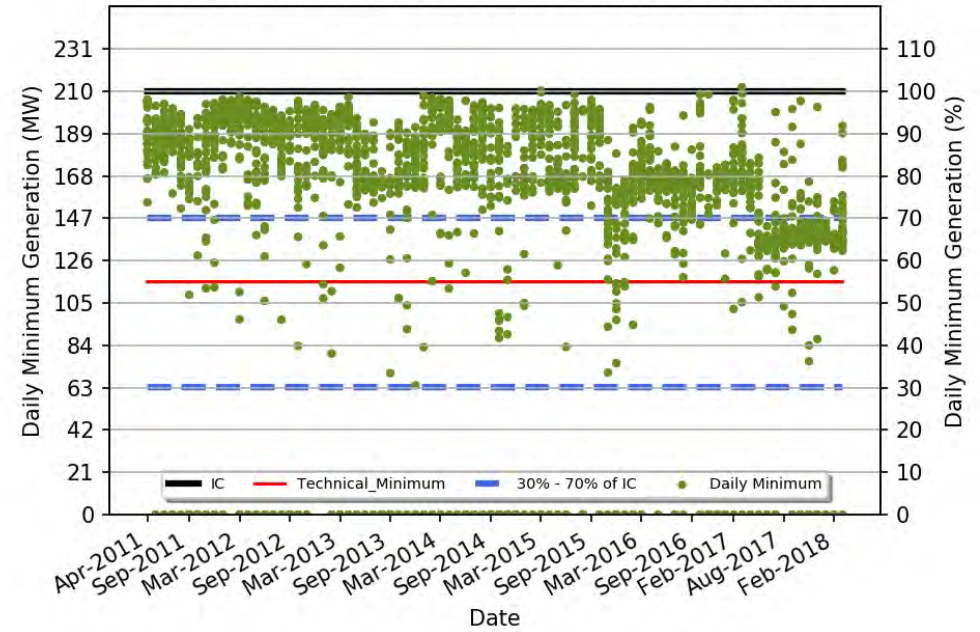
Region	: Southern Region
Number of Days Considered	: 2159
No. Of Days Max Generation Achieved	: 97 (%)
(% of total days in operation)	
No. Of Days Min Generation Achieved	: 5 (%)
(% of total days in operation)	
Average Flexibility	: 19 (%)
Average Daily Max (MW)	: 210
Daily Average (MW)	: 199
Average Daily Min (MW)	: 170
Average Daily Max/ IC (%)	: 100
Daily Average/IC (%)	: 95
Average Daily Min/IC (%)	: 81
Variable Charge (Paisa/kWh)	: 259
Number Of Beneficiaries	: 9



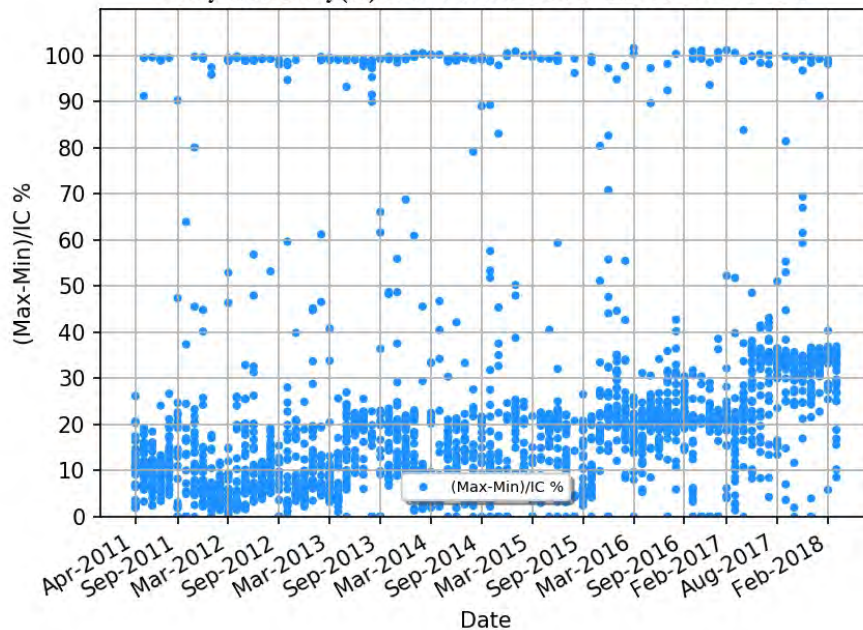
Daily Max Generation : NEYVELI TPS-II UNIT - 4 210 MW



Daily Min Generation : NEYVELI TPS-II UNIT - 4 210 MW



Daily Flexibility(%) : NEYVELI TPS-II UNIT - 4 210 MW

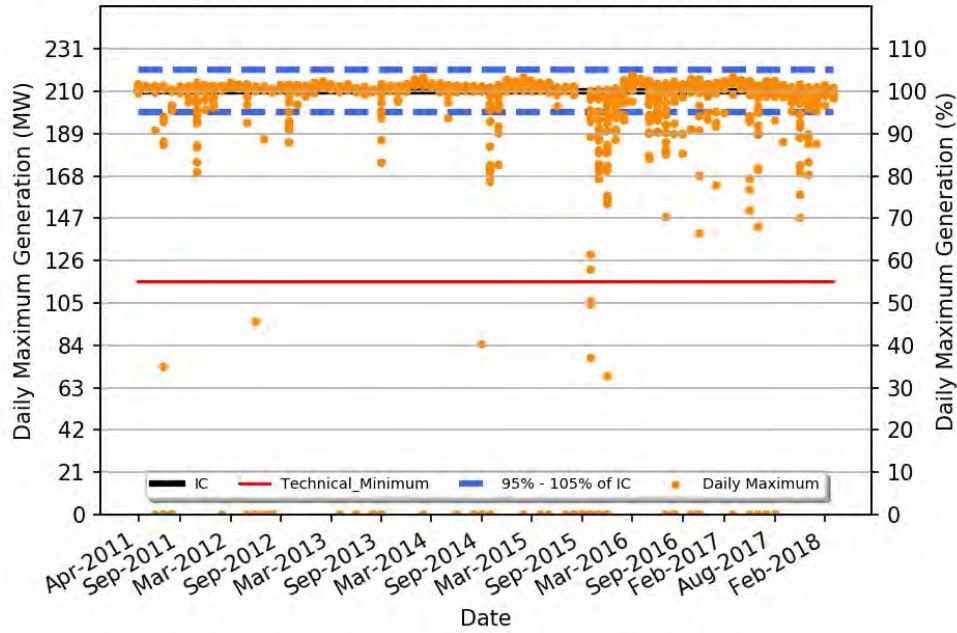


### NEYVELI TPS-II UNIT - 4 210 MW

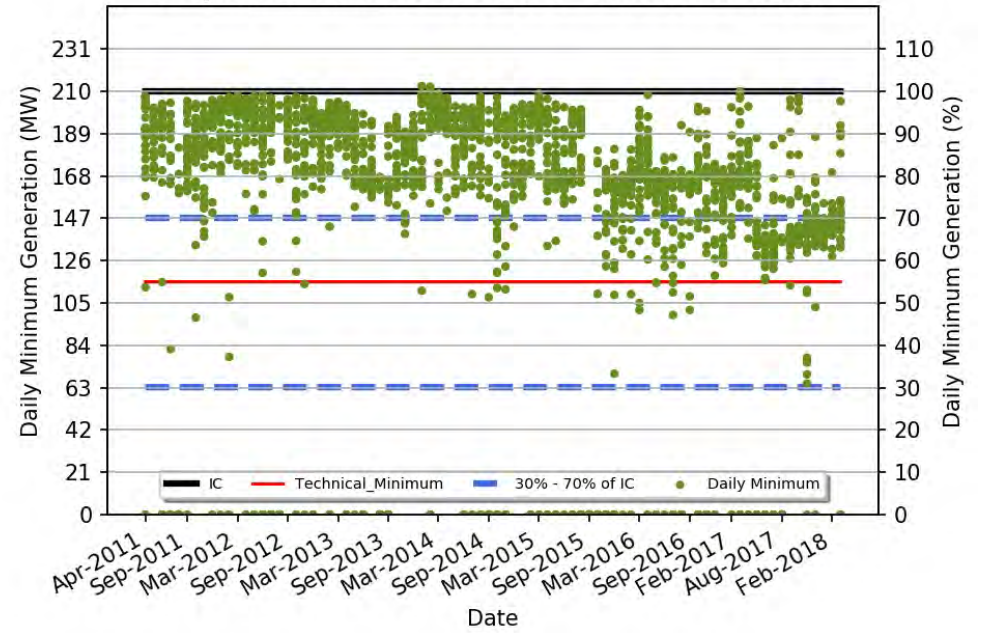
Region	: Southern Region
Number of Days Considered	: 2300
No. Of Days Max Generation Achieved	: 93 (%)
(% of total days in operation)	
No. Of Days Min Generation Achieved	: 16 (%)
(% of total days in operation)	
Average Flexibility	: 22 (%)
Average Daily Max (MW)	: 207
Daily Average (MW)	: 193
Average Daily Min (MW)	: 159
Average Daily Max/ IC (%)	: 98
Daily Average/IC (%)	: 91
Average Daily Min/IC (%)	: 76
Variable Charge (Paisa/kWh)	: 259
Number Of Beneficiaries	: 9



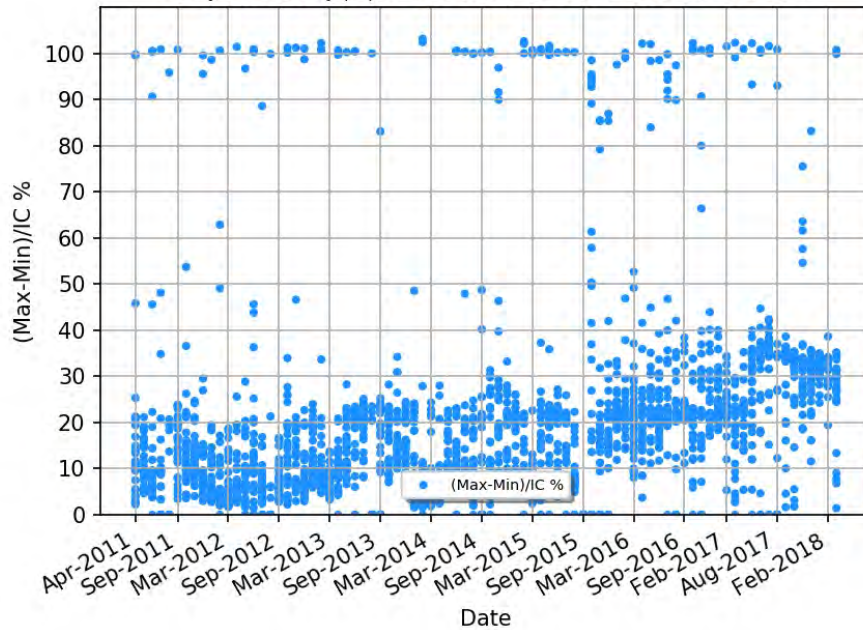
Daily Max Generation : NEYVELI TPS-II UNIT - 5 210 MW



Daily Min Generation : NEYVELI TPS-II UNIT - 5 210 MW



Daily Flexibility(%) : NEYVELI TPS-II UNIT - 5 210 MW

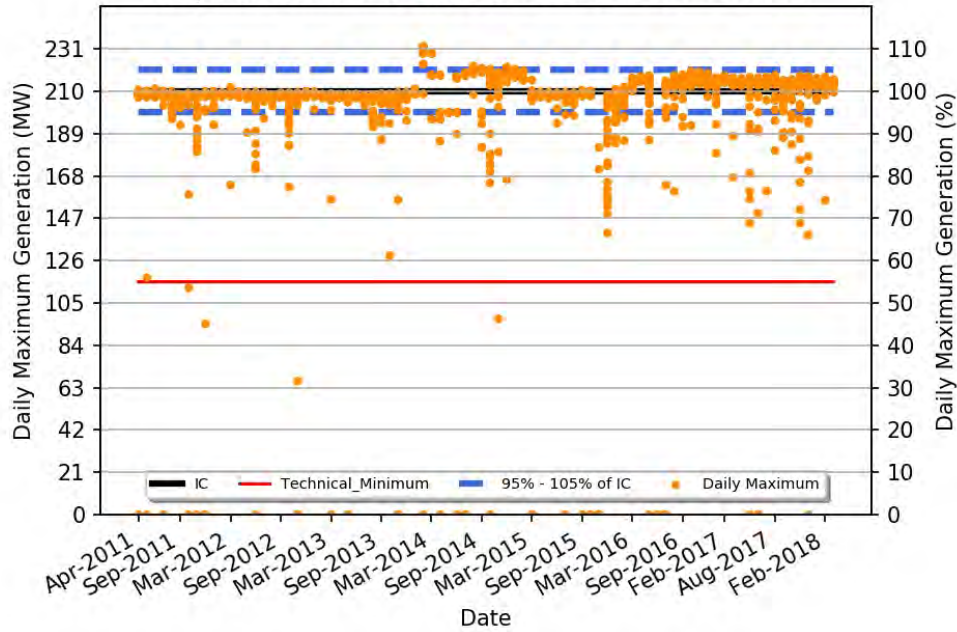


**NEYVELI TPS-II UNIT - 5 210 MW**

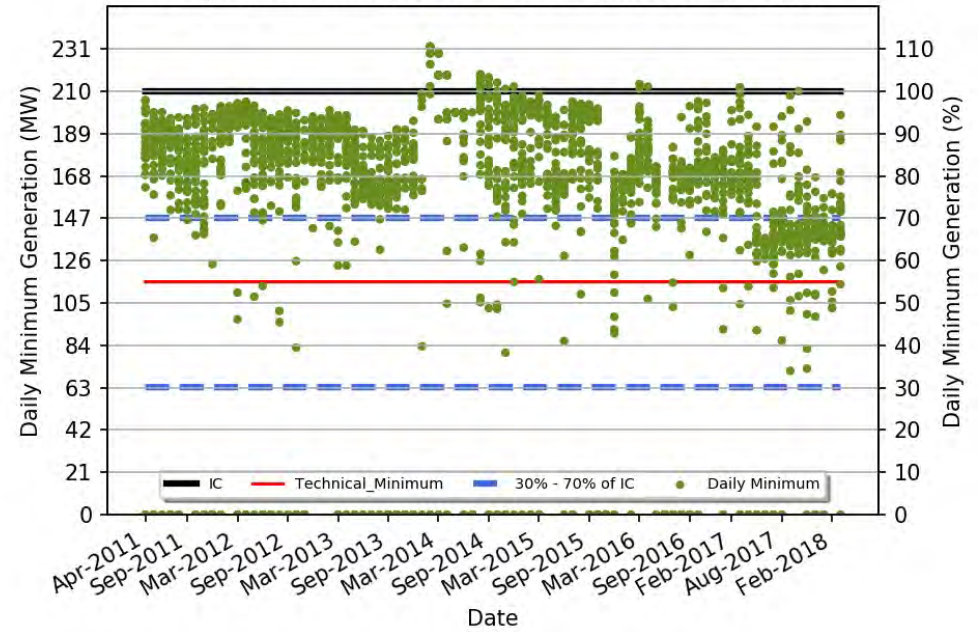
Region	: Southern Region
Number of Days Considered	: 2272
No. Of Days Max Generation Achieved	: 94 (%)
(% of total days in operation)	
No. Of Days Min Generation Achieved	: 15 (%)
(% of total days in operation)	
Average Flexibility	: 20 (%)
Average Daily Max (MW)	: 209
Daily Average (MW)	: 195
Average Daily Min (MW)	: 166
Average Daily Max/ IC (%)	: 99
Daily Average/IC (%)	: 93
Average Daily Min/IC (%)	: 79
Variable Charge (Paisa/kWh)	: 259
Number Of Beneficiaries	: 9



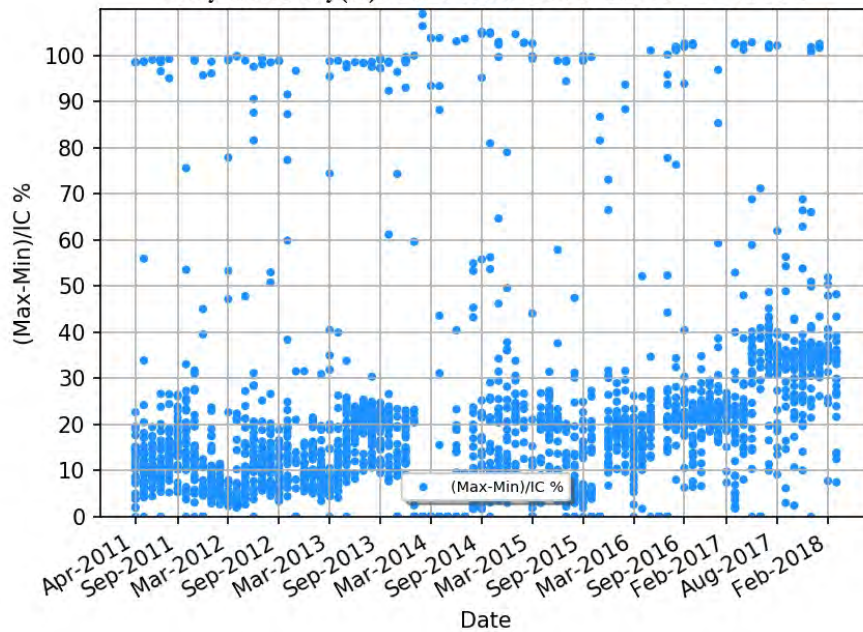
Daily Max Generation : NEYVELI TPS-II UNIT - 6 210 MW



Daily Min Generation : NEYVELI TPS-II UNIT - 6 210 MW



Daily Flexibility(%) : NEYVELI TPS-II UNIT - 6 210 MW

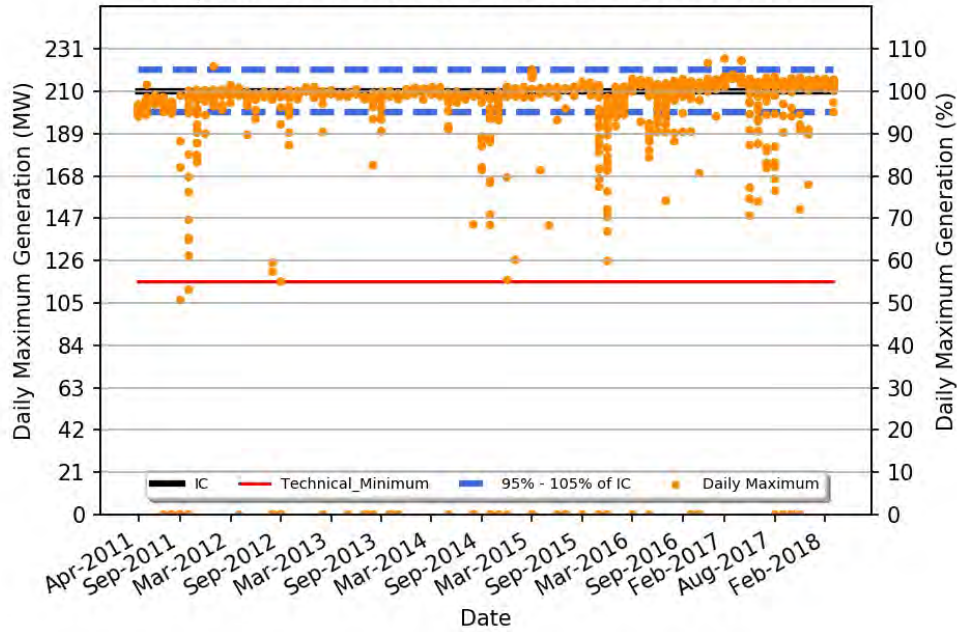


**NEYVELI TPS-II UNIT - 6 210 MW**

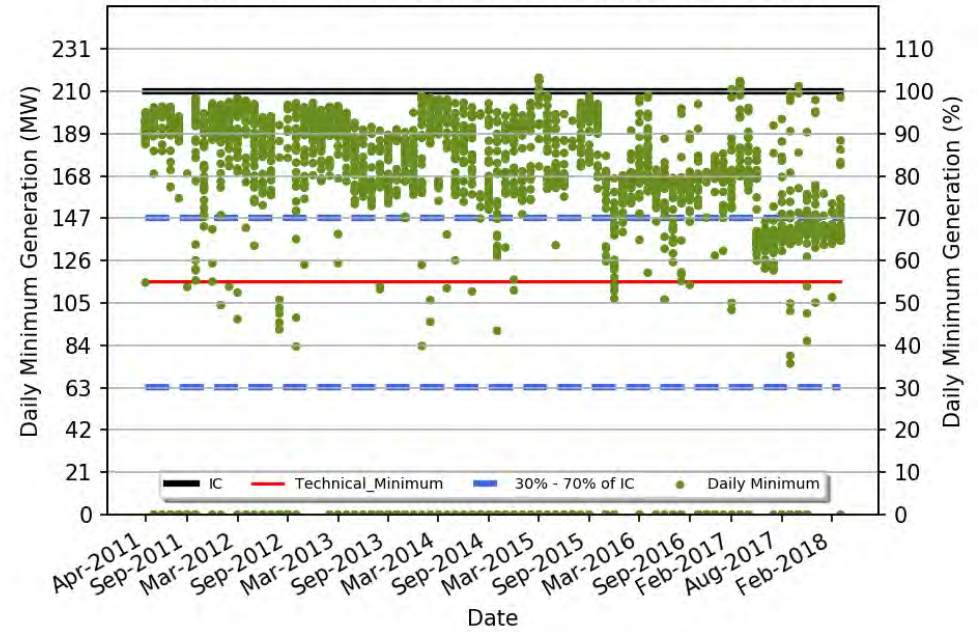
<b>Region</b>	<b>: Southern Region</b>
<b>Number of Days Considered</b>	<b>: 2319</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 87 (%)</b>
<i>(% of total days in operation)</i>	
<b>No. Of Days Min Generation Achieved</b>	<b>: 13 (%)</b>
<i>(% of total days in operation)</i>	
<b>Average Flexibility</b>	<b>: 21 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 209</b>
<b>Daily Average (MW)</b>	<b>: 195</b>
<b>Average Daily Min (MW)</b>	<b>: 165</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 99</b>
<b>Daily Average/IC (%)</b>	<b>: 93</b>
<b>Average Daily Min/IC (%)</b>	<b>: 78</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 259</b>
<b>Number Of Beneficiaries</b>	<b>: 6</b>



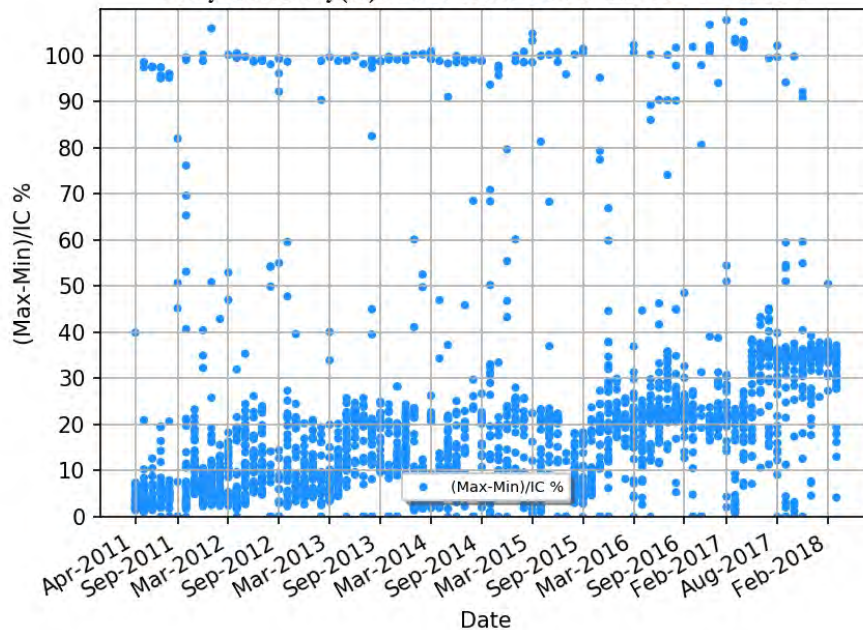
Daily Max Generation : NEYVELI TPS-II UNIT - 7 210 MW



Daily Min Generation : NEYVELI TPS-II UNIT - 7 210 MW



Daily Flexibility(%) : NEYVELI TPS-II UNIT - 7 210 MW

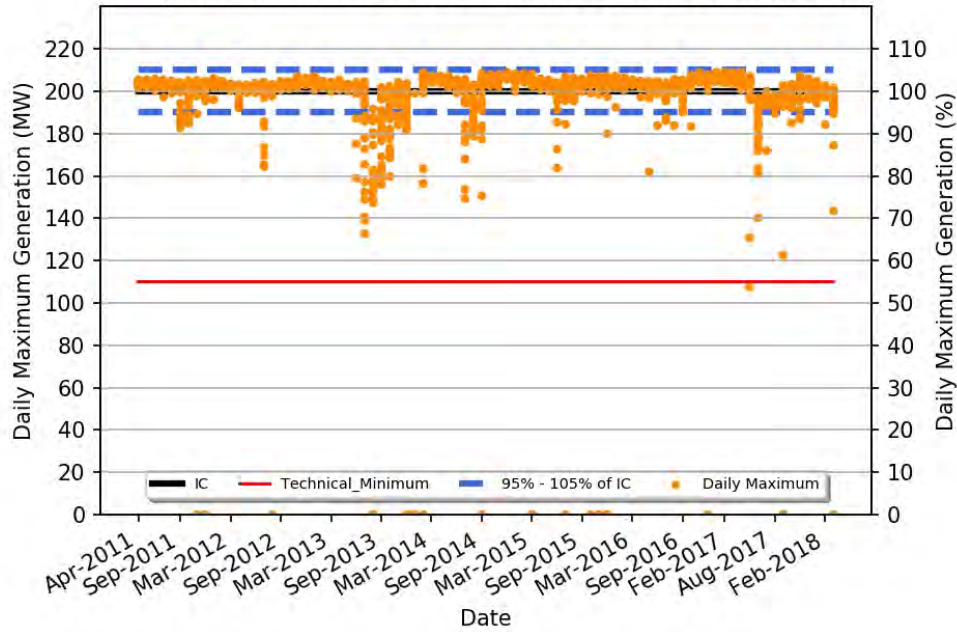


### NEYVELI TPS-II UNIT - 7 210 MW

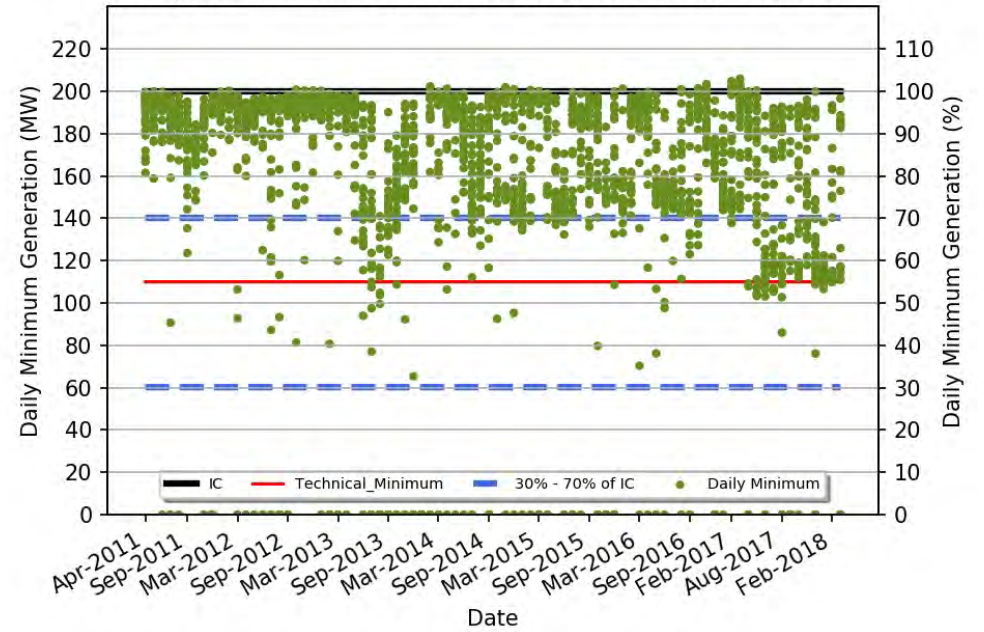
Region	: Southern Region
Number of Days Considered	: 2269
No. Of Days Max Generation Achieved	: 92 (%)
(% of total days in operation)	
No. Of Days Min Generation Achieved	: 15 (%)
(% of total days in operation)	
Average Flexibility	: 21 (%)
Average Daily Max (MW)	: 208
Daily Average (MW)	: 193
Average Daily Min (MW)	: 164
Average Daily Max/ IC (%)	: 99
Daily Average/IC (%)	: 92
Average Daily Min/IC (%)	: 78
Variable Charge (Paisa/kWh)	: 259
Number Of Beneficiaries	: 6



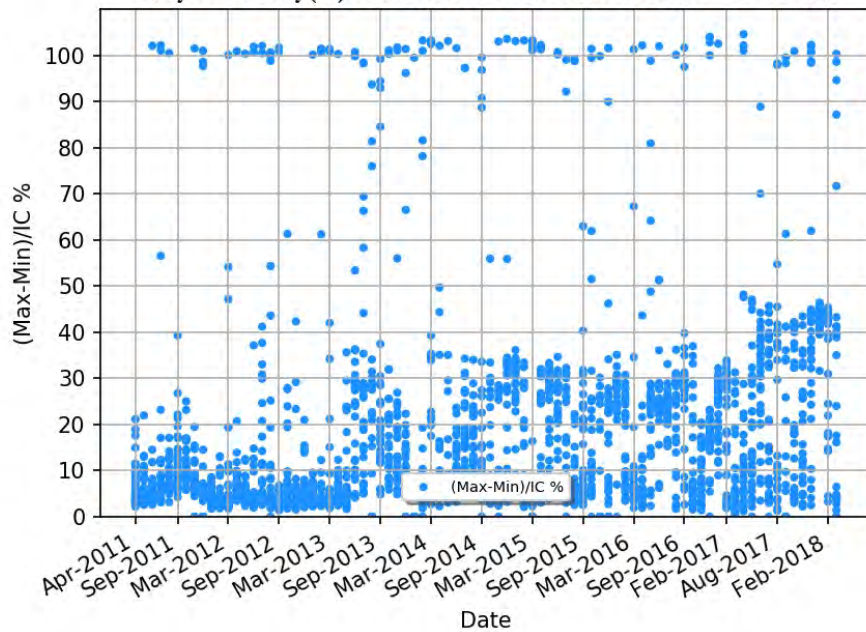
Daily Max Generation : RAMAGUNDAM STPS UNIT - 1 200 MW



Daily Min Generation : RAMAGUNDAM STPS UNIT - 1 200 MW



Daily Flexibility(%) : RAMAGUNDAM STPS UNIT - 1 200 MW

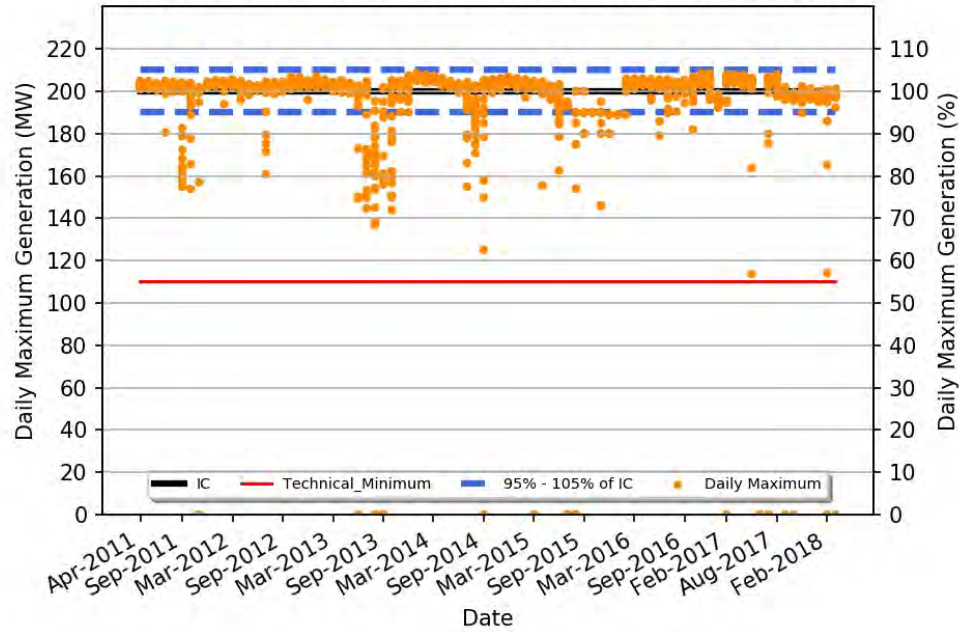


**RAMAGUNDAM STPS UNIT - 1 200 MW**

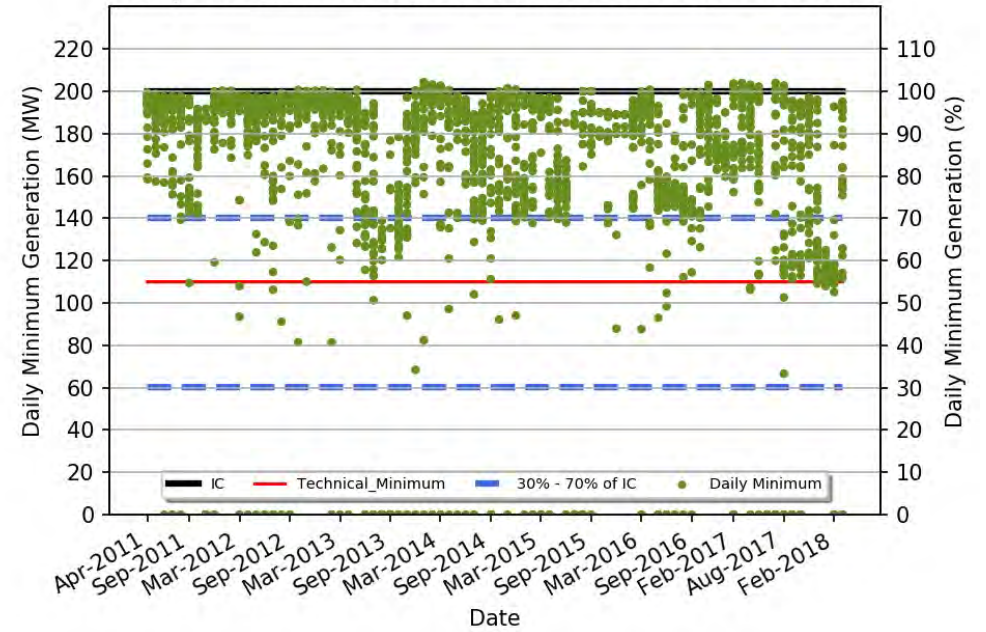
Region	: Southern Region
Number of Days Considered	: 2407
No. Of Days Max Generation Achieved	: 93 (%)
(% of total days in operation)	
No. Of Days Min Generation Achieved	: 12 (%)
(% of total days in operation)	
Average Flexibility	: 19 (%)
Average Daily Max (MW)	: 201
Daily Average (MW)	: 189
Average Daily Min (MW)	: 162
Average Daily Max/ IC (%)	: 100
Daily Average/IC (%)	: 94
Average Daily Min/IC (%)	: 81
Variable Charge (Paisa/kWh)	: 270
Number Of Beneficiaries	: 8



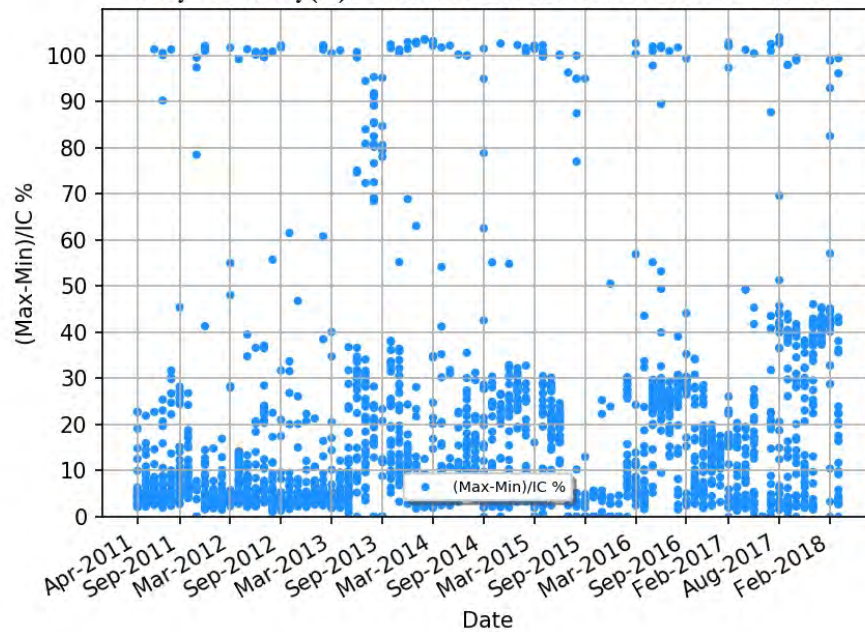
Daily Max Generation : RAMAGUNDAM STPS UNIT - 2 200 MW



Daily Min Generation : RAMAGUNDAM STPS UNIT - 2 200 MW



Daily Flexibility(%) : RAMAGUNDAM STPS UNIT - 2 200 MW

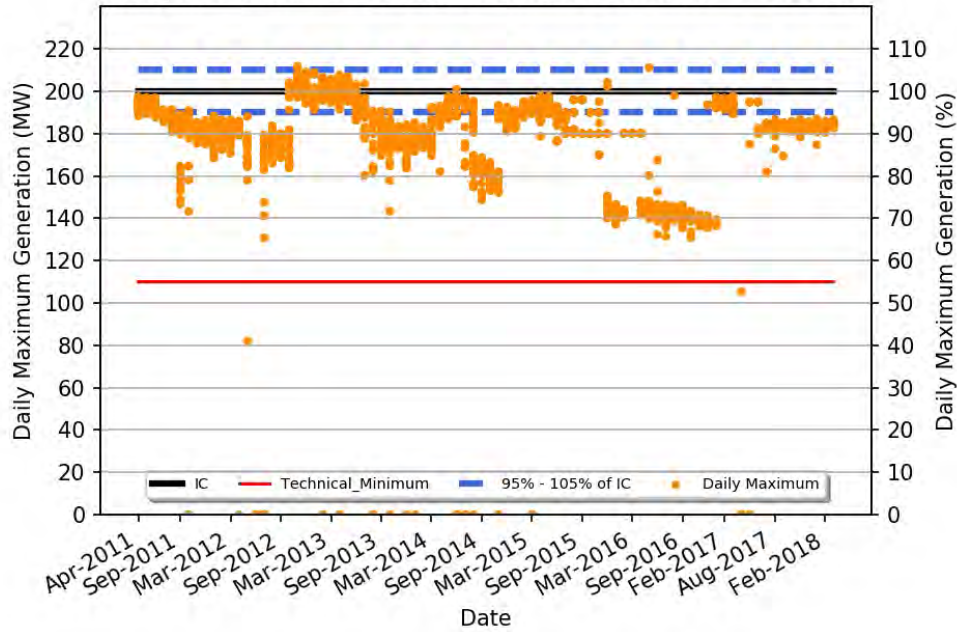


### RAMAGUNDAM STPS UNIT - 2 200 MW

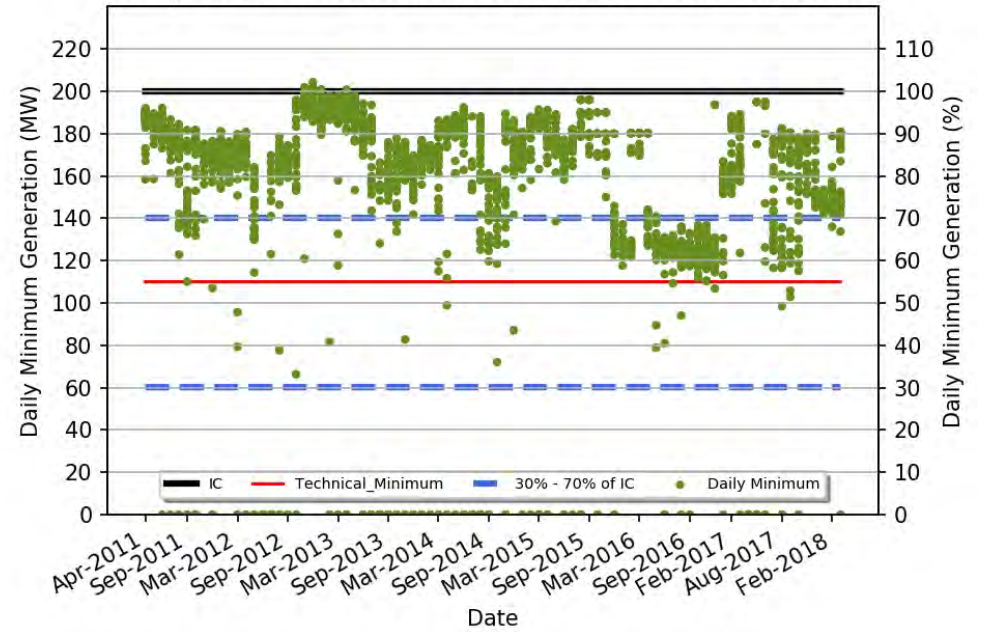
Region	: Southern Region
Number of Days Considered	: 2404
No. Of Days Max Generation Achieved	: 88 (%)
(% of total days in operation)	
No. Of Days Min Generation Achieved	: 10 (%)
(% of total days in operation)	
Average Flexibility	: 17 (%)
Average Daily Max (MW)	: 199
Daily Average (MW)	: 190
Average Daily Min (MW)	: 165
Average Daily Max/ IC (%)	: 99
Daily Average/IC (%)	: 95
Average Daily Min/IC (%)	: 82
Variable Charge (Paisa/kWh)	: 270
Number Of Beneficiaries	: 8



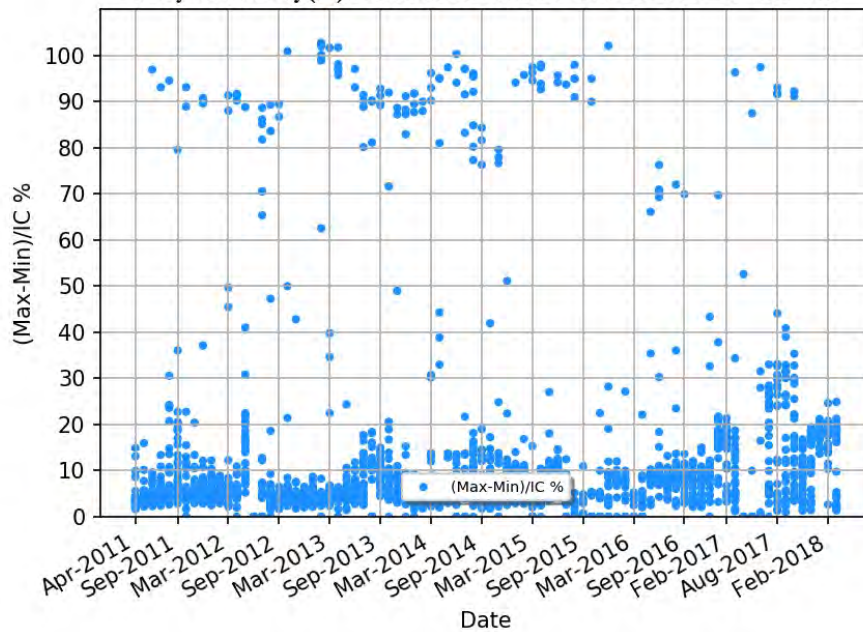
Daily Max Generation : RAMAGUNDAM STPS UNIT - 3 200 MW



Daily Min Generation : RAMAGUNDAM STPS UNIT - 3 200 MW



Daily Flexibility(%) : RAMAGUNDAM STPS UNIT - 3 200 MW

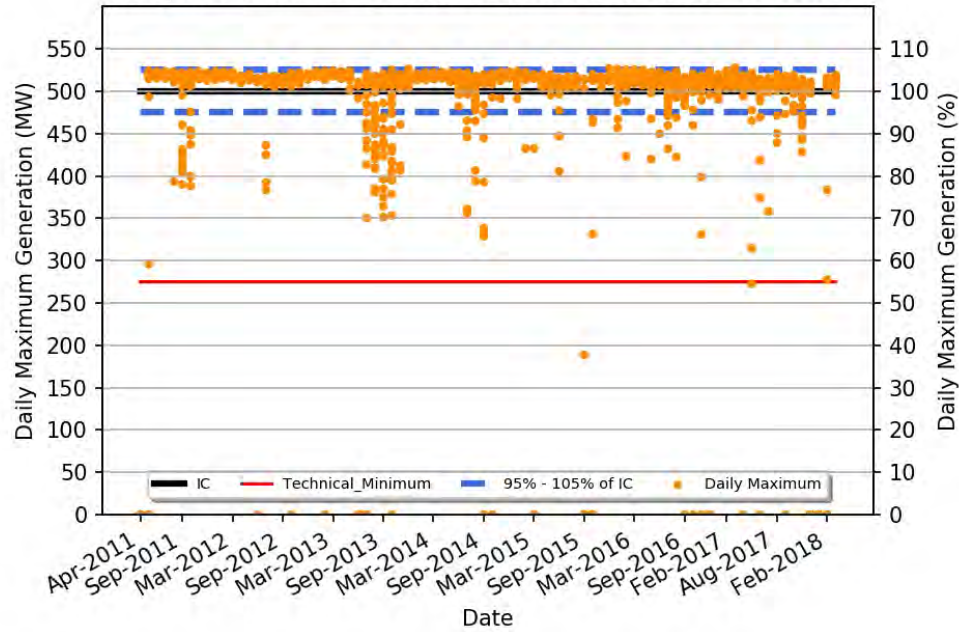


### RAMAGUNDAM STPS UNIT - 3 200 MW

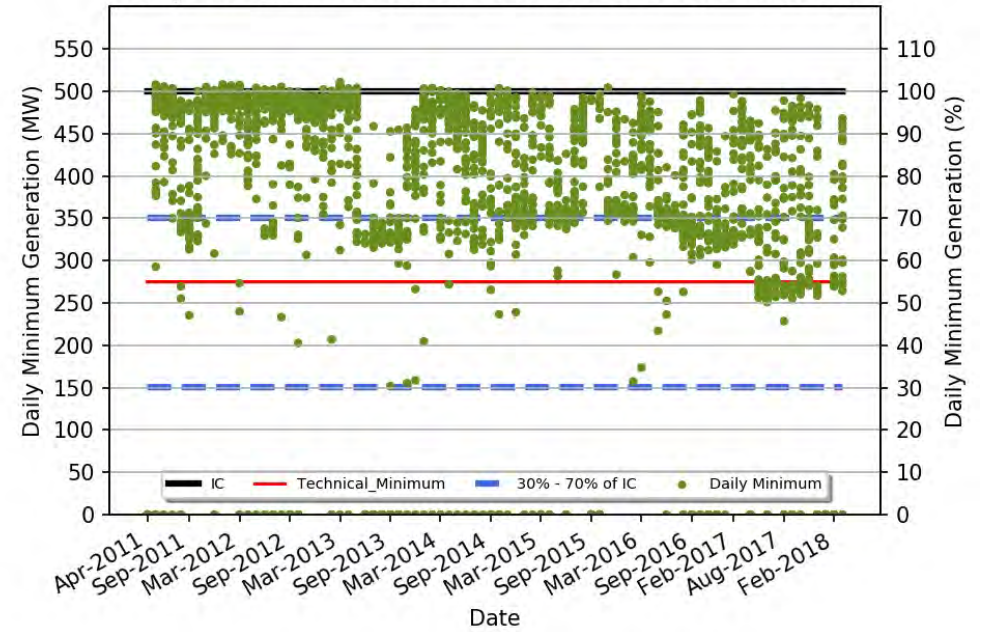
Region	: Southern Region
Number of Days Considered	: 2366
No. Of Days Max Generation Achieved	: 29 (%)
(% of total days in operation)	
No. Of Days Min Generation Achieved	: 18 (%)
(% of total days in operation)	
Average Flexibility	: 11 (%)
Average Daily Max (MW)	: 179
Daily Average (MW)	: 172
Average Daily Min (MW)	: 156
Average Daily Max/ IC (%)	: 89
Daily Average/IC (%)	: 86
Average Daily Min/IC (%)	: 78
Variable Charge (Paisa/kWh)	: 270
Number Of Beneficiaries	: 8



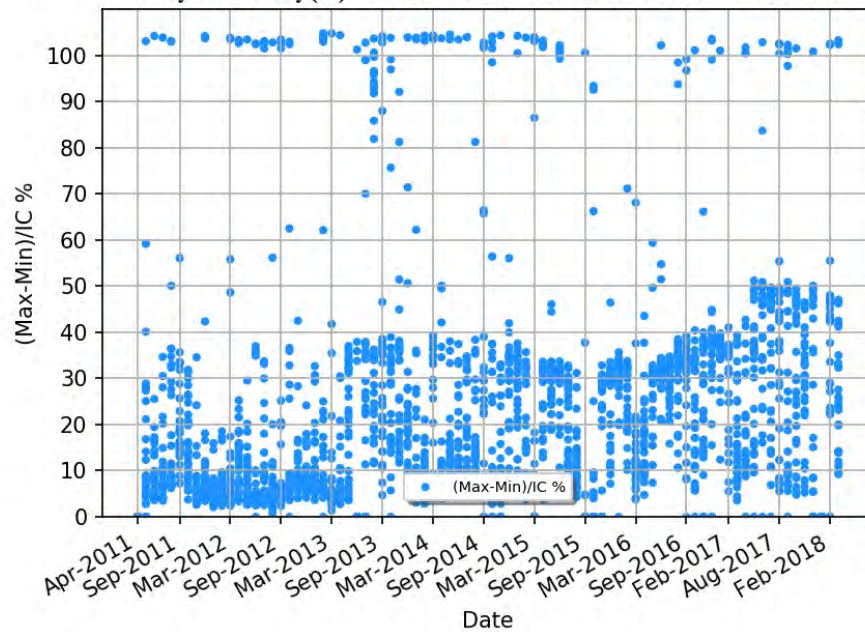
Daily Max Generation : RAMAGUNDAM STPS UNIT - 4 500 MW



Daily Min Generation : RAMAGUNDAM STPS UNIT - 4 500 MW



Daily Flexibility(%) : RAMAGUNDAM STPS UNIT - 4 500 MW

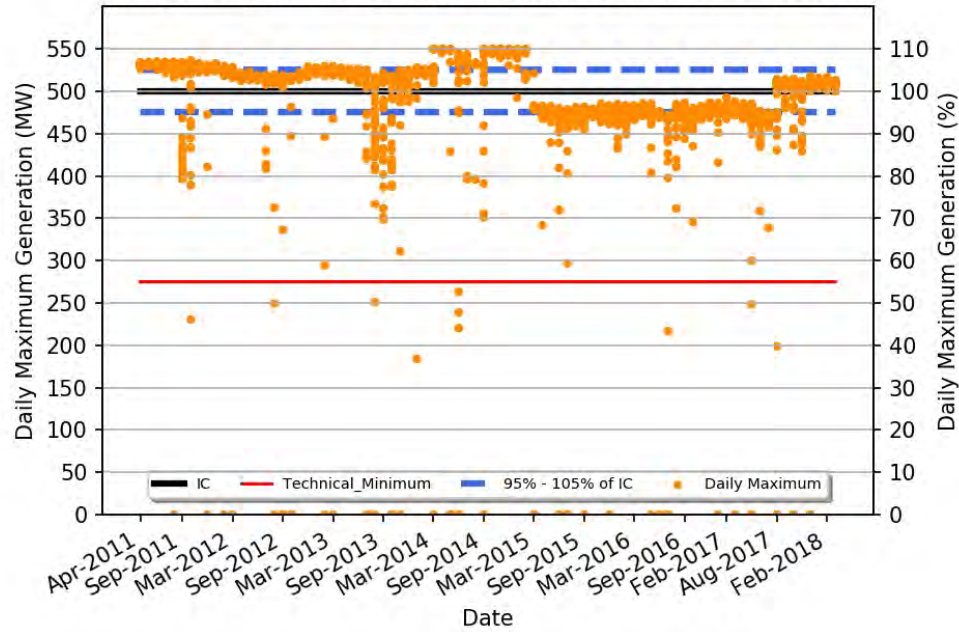


### RAMAGUNDAM STPS UNIT - 4 500 MW

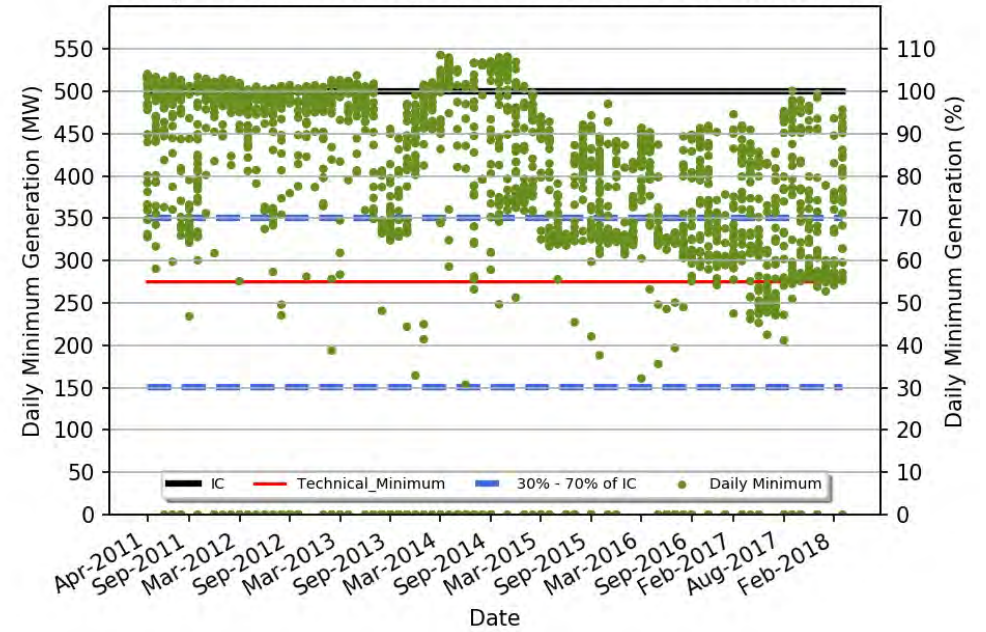
Region	: Southern Region
Number of Days Considered	: 2339
No. Of Days Max Generation Achieved	: 93 (%)
(% of total days in operation)	
No. Of Days Min Generation Achieved	: 23 (%)
(% of total days in operation)	
Average Flexibility	: 24 (%)
Average Daily Max (MW)	: 508
Daily Average (MW)	: 469
Average Daily Min (MW)	: 387
Average Daily Max/ IC (%)	: 101
Daily Average/IC (%)	: 93
Average Daily Min/IC (%)	: 77
Variable Charge (Paisa/kWh)	: 270
Number Of Beneficiaries	: 8



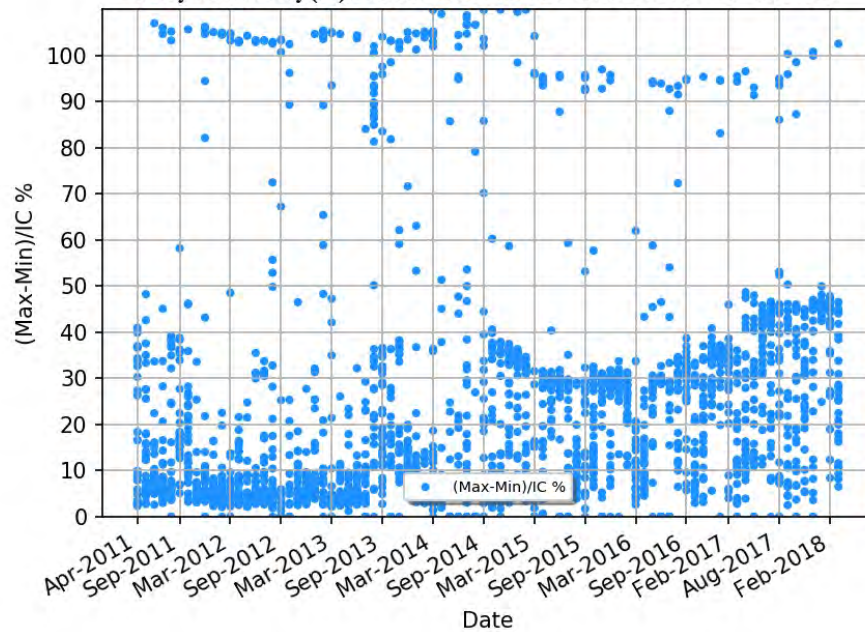
Daily Max Generation : RAMAGUNDAM STPS UNIT - 5 500 MW



Daily Min Generation : RAMAGUNDAM STPS UNIT - 5 500 MW



Daily Flexibility(%) : RAMAGUNDAM STPS UNIT - 5 500 MW

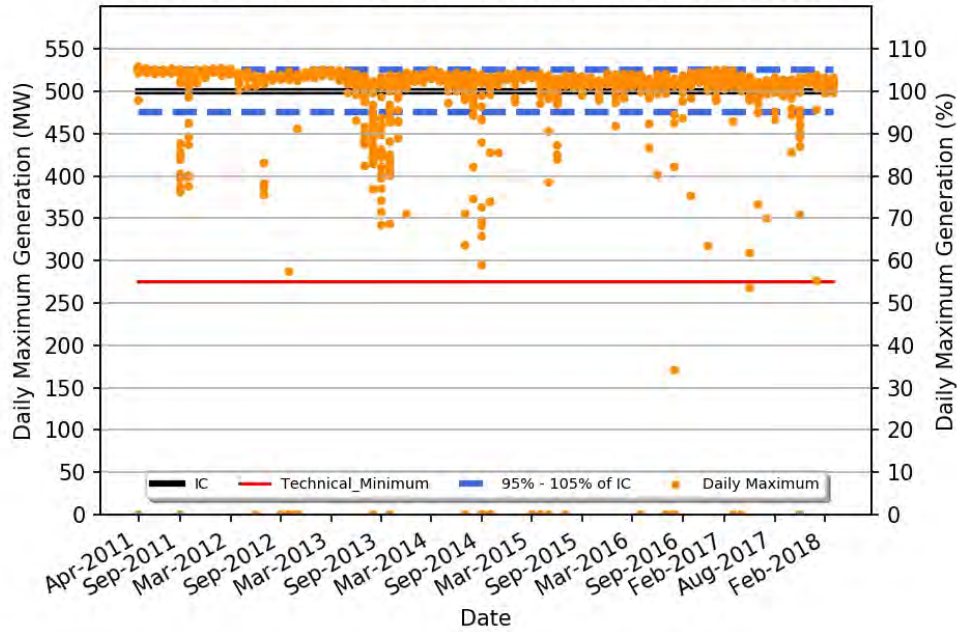


### RAMAGUNDAM STPS UNIT - 5 500 MW

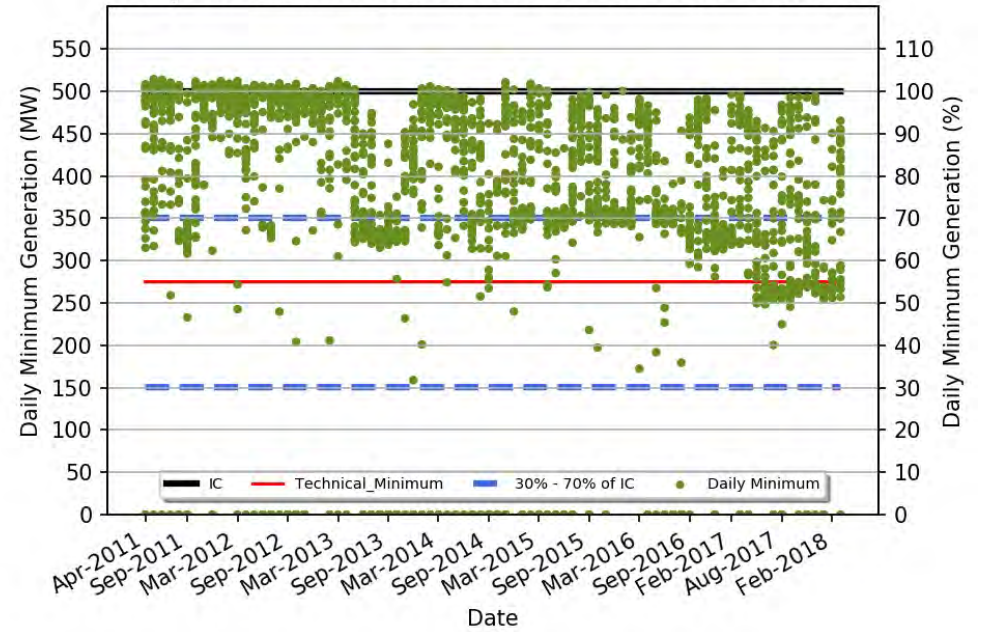
Region	: Southern Region
Number of Days Considered	: 2345
No. Of Days Max Generation Achieved	: 51 (%)
(% of total days in operation)	
No. Of Days Min Generation Achieved	: 29 (%)
(% of total days in operation)	
Average Flexibility	: 23 (%)
Average Daily Max (MW)	: 501
Daily Average (MW)	: 464
Average Daily Min (MW)	: 385
Average Daily Max/ IC (%)	: 100
Daily Average/IC (%)	: 92
Average Daily Min/IC (%)	: 77
Variable Charge (Paisa/kWh)	: 270
Number Of Beneficiaries	: 8



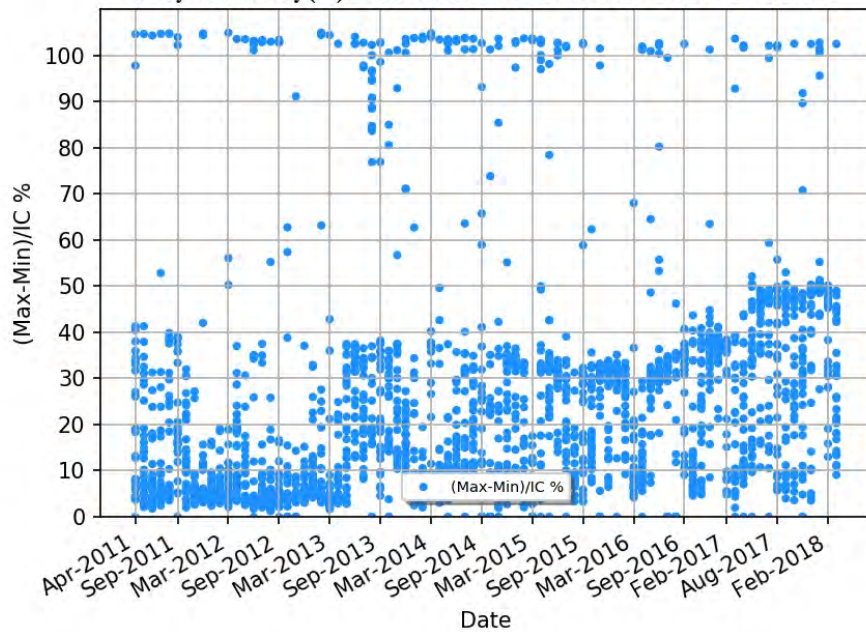
Daily Max Generation : RAMAGUNDAM STPS UNIT - 6 500 MW



Daily Min Generation : RAMAGUNDAM STPS UNIT - 6 500 MW



Daily Flexibility(%) : RAMAGUNDAM STPS UNIT - 6 500 MW

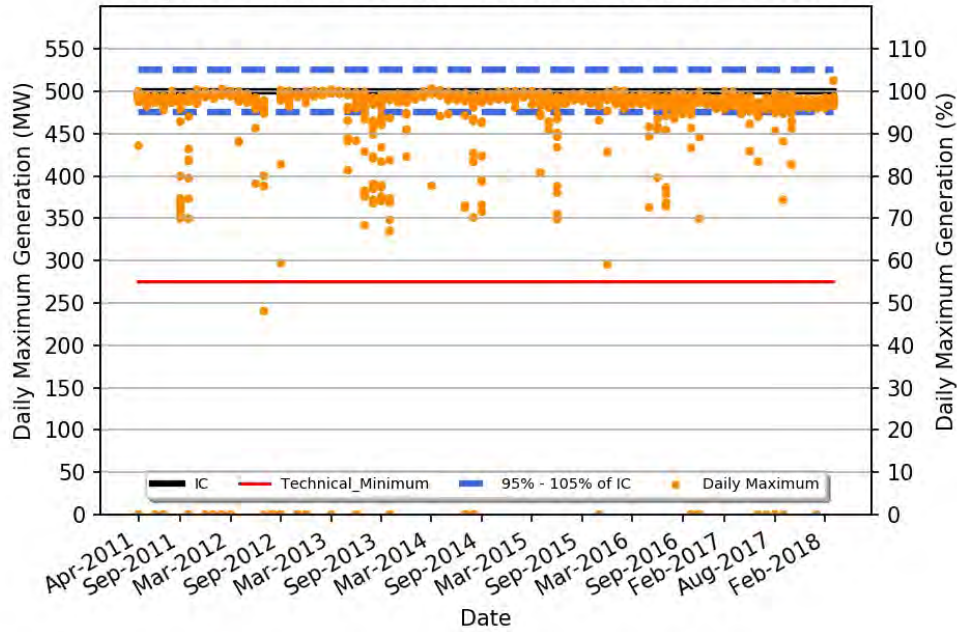


### RAMAGUNDAM STPS UNIT - 6 500 MW

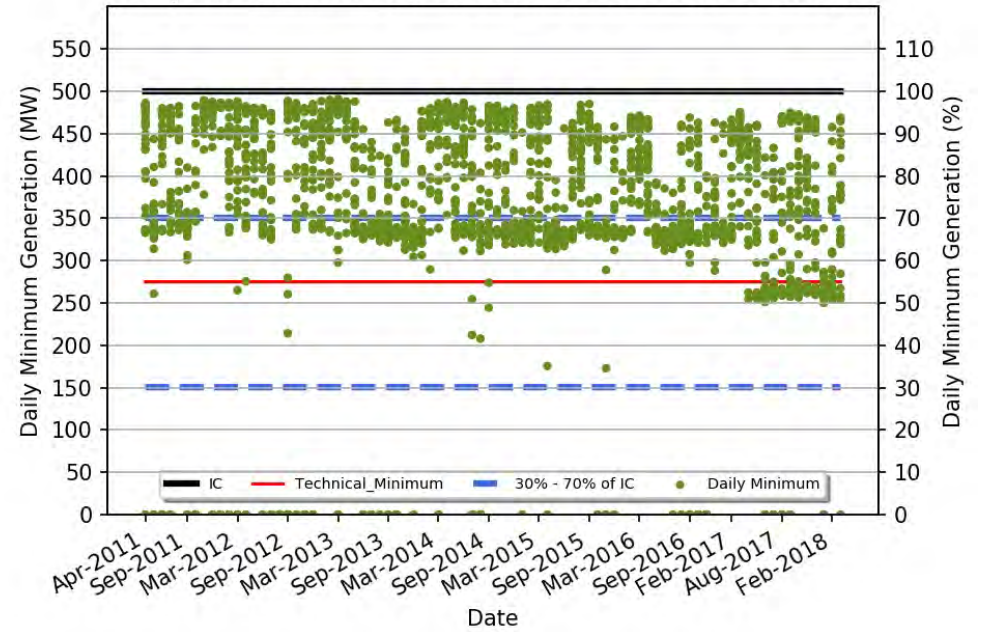
Region	: Southern Region
Number of Days Considered	: 2415
No. Of Days Max Generation Achieved	: 92 (%)
(% of total days in operation)	
No. Of Days Min Generation Achieved	: 27 (%)
(% of total days in operation)	
Average Flexibility	: 24 (%)
Average Daily Max (MW)	: 508
Daily Average (MW)	: 469
Average Daily Min (MW)	: 383
Average Daily Max/ IC (%)	: 101
Daily Average/IC (%)	: 93
Average Daily Min/IC (%)	: 76
Variable Charge (Paisa/kWh)	: 270
Number Of Beneficiaries	: 8



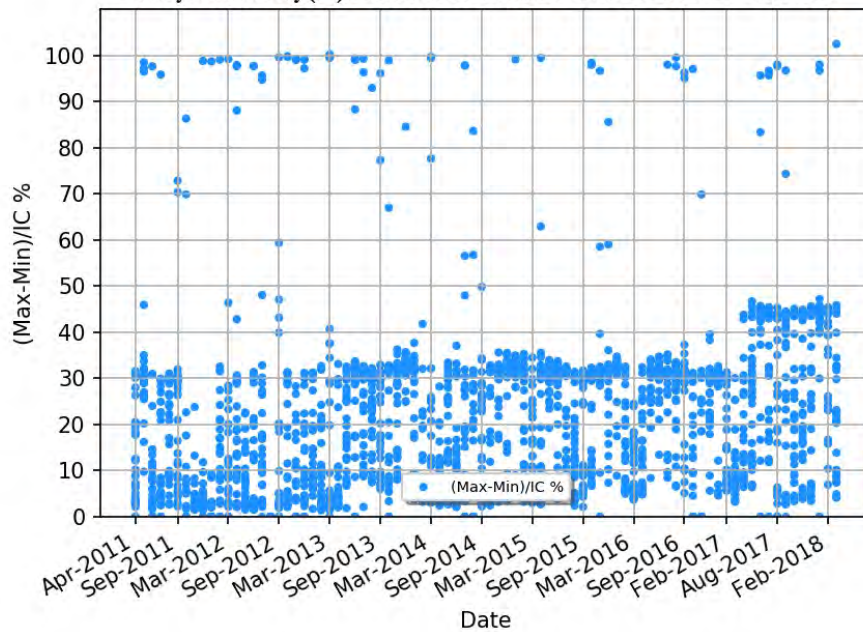
Daily Max Generation : RAMAGUNDAM STPS UNIT - 7 500 MW



Daily Min Generation : RAMAGUNDAM STPS UNIT - 7 500 MW



Daily Flexibility(%) : RAMAGUNDAM STPS UNIT - 7 500 MW

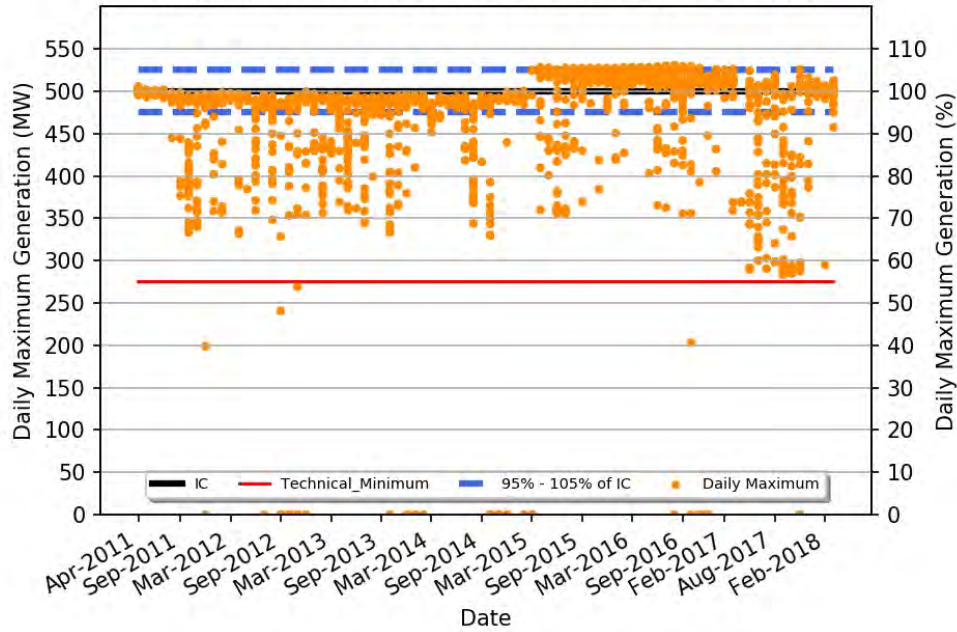


### RAMAGUNDAM STPS UNIT - 7 500 MW

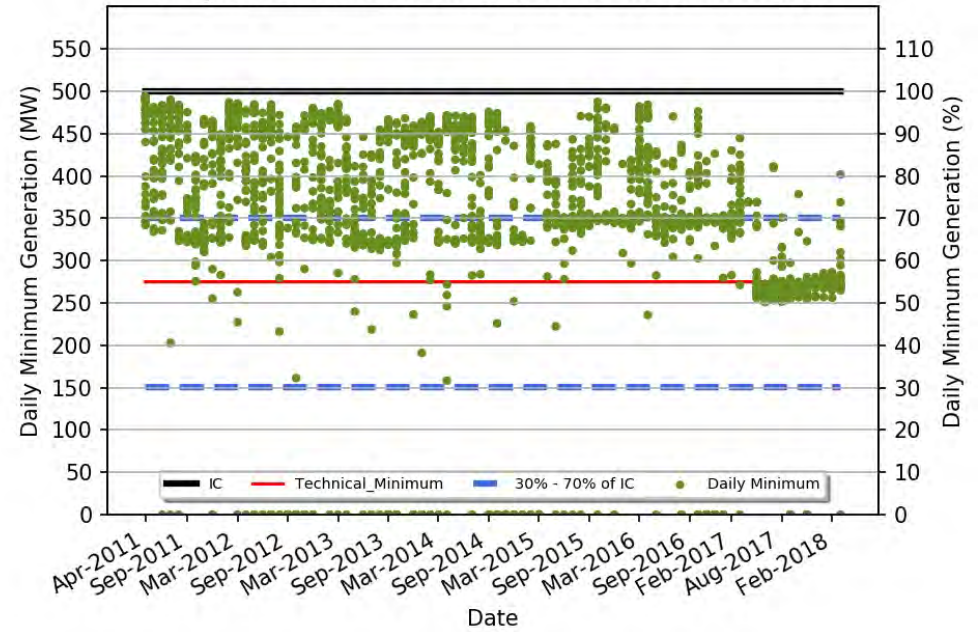
Region	: Southern Region
Number of Days Considered	: 2328
No. Of Days Max Generation Achieved	: 93 (%)
(% of total days in operation)	
No. Of Days Min Generation Achieved	: 41 (%)
(% of total days in operation)	
Average Flexibility	: 22 (%)
Average Daily Max (MW)	: 487
Daily Average (MW)	: 449
Average Daily Min (MW)	: 377
Average Daily Max/ IC (%)	: 97
Daily Average/IC (%)	: 89
Average Daily Min/IC (%)	: 75
Variable Charge (Paisa/kWh)	: 266
Number Of Beneficiaries	: 6



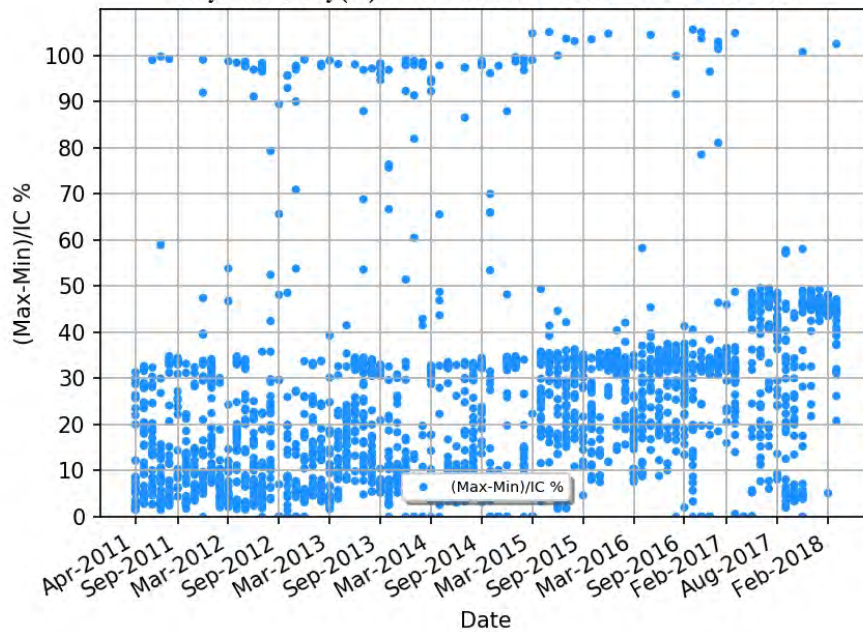
Daily Max Generation : SIMHADRI STPS UNIT - 1 500 MW



Daily Min Generation : SIMHADRI STPS UNIT - 1 500 MW



Daily Flexibility(%) : SIMHADRI STPS UNIT - 1 500 MW

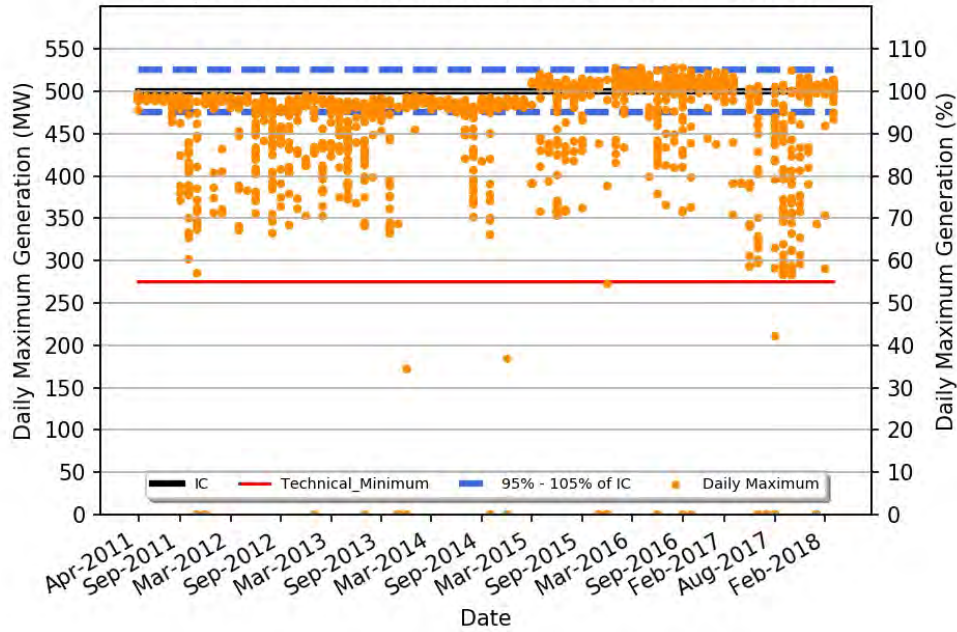


**SIMHADRI STPS UNIT - 1 500 MW**

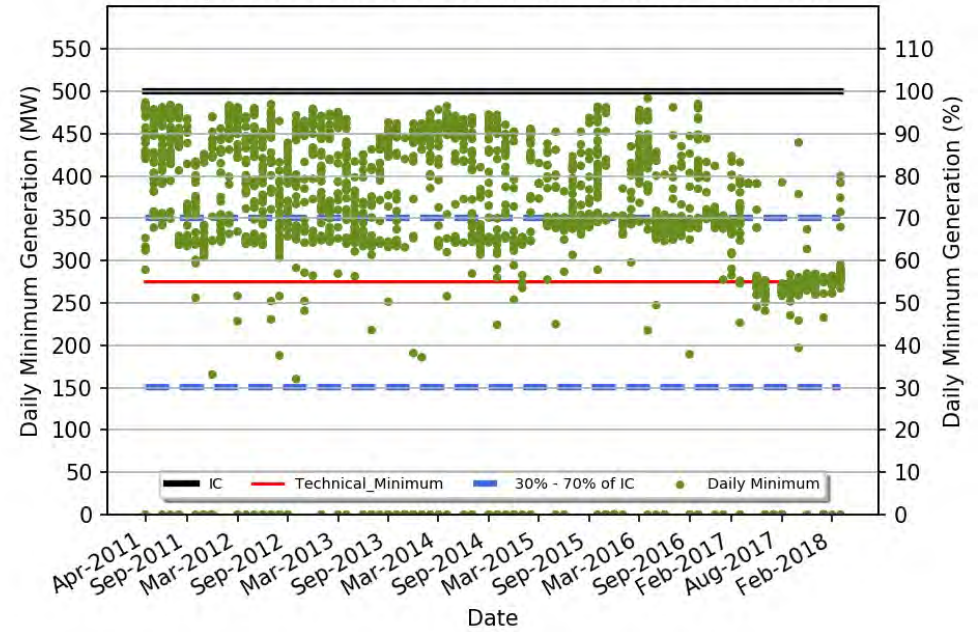
<b>Region</b>	<b>: Southern Region</b>
<b>Number of Days Considered</b>	<b>: 2387</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 71 (%)</b>
<small>(% of total days in operation)</small>	
<b>No. Of Days Min Generation Achieved</b>	<b>: 44 (%)</b>
<small>(% of total days in operation)</small>	
<b>Average Flexibility</b>	<b>: 24 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 477</b>
<b>Daily Average (MW)</b>	<b>: 428</b>
<b>Average Daily Min (MW)</b>	<b>: 355</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 95</b>
<b>Daily Average/IC (%)</b>	<b>: 85</b>
<b>Average Daily Min/IC (%)</b>	<b>: 71</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 320</b>
<b>Number Of Beneficiaries</b>	<b>: 2</b>



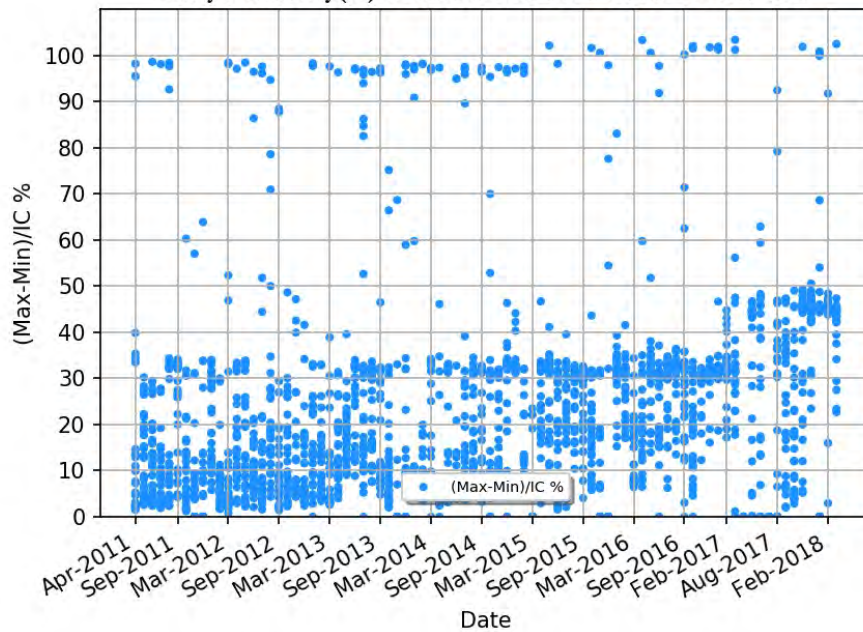
Daily Max Generation : SIMHADRI STPS UNIT - 2 500 MW



Daily Min Generation : SIMHADRI STPS UNIT - 2 500 MW



Daily Flexibility(%) : SIMHADRI STPS UNIT - 2 500 MW

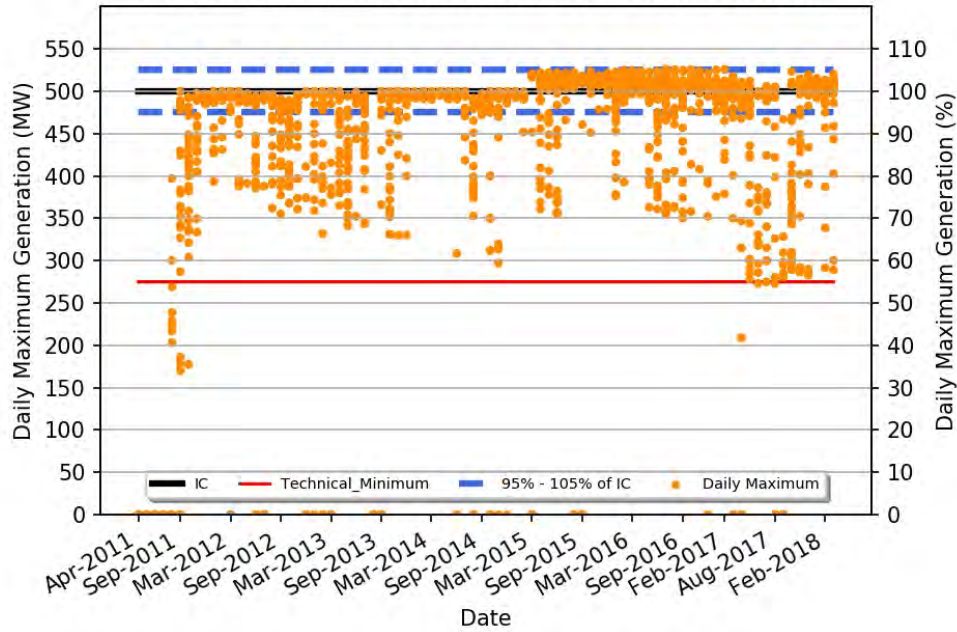


### SIMHADRI STPS UNIT - 2 500 MW

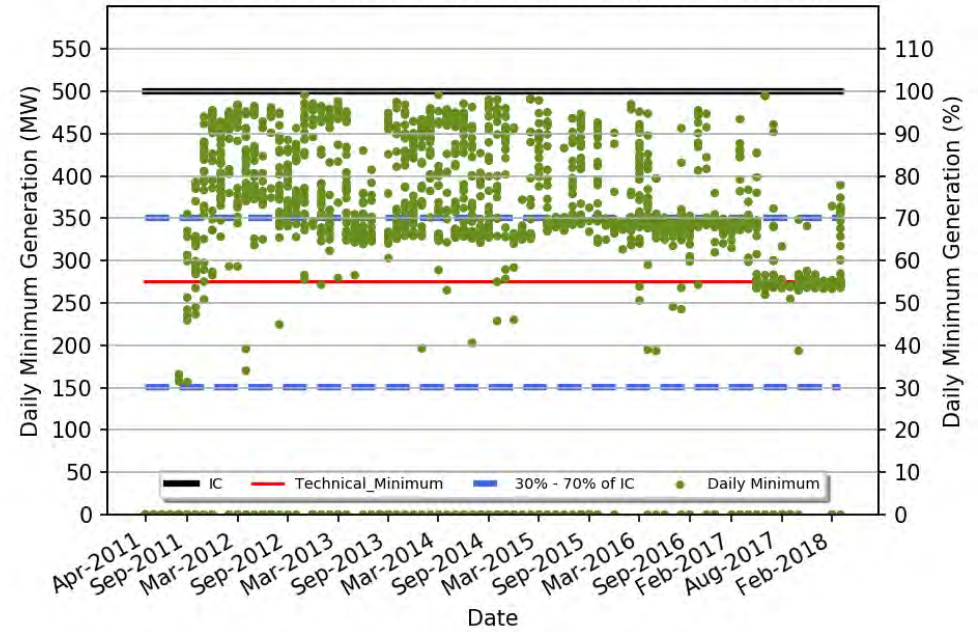
Region	: Southern Region
Number of Days Considered	: 2355
No. Of Days Max Generation Achieved	: 74 (%)
(% of total days in operation)	
No. Of Days Min Generation Achieved	: 43 (%)
(% of total days in operation)	
Average Flexibility	: 22 (%)
Average Daily Max (MW)	: 472
Daily Average (MW)	: 428
Average Daily Min (MW)	: 359
Average Daily Max/ IC (%)	: 94
Daily Average/IC (%)	: 85
Average Daily Min/IC (%)	: 71
Variable Charge (Paisa/kWh)	: 320
Number Of Beneficiaries	: 2



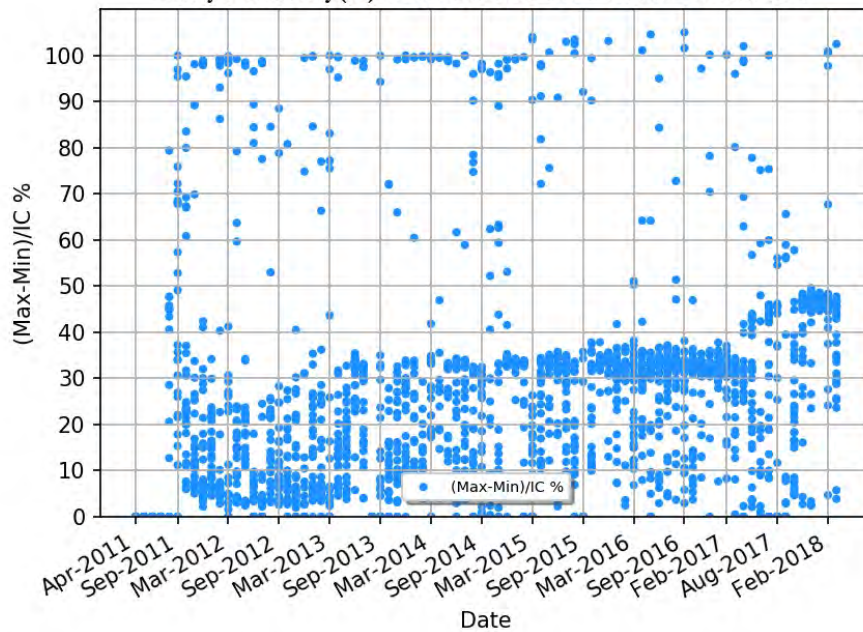
Daily Max Generation : SIMHADRI STPS UNIT - 3 500 MW



Daily Min Generation : SIMHADRI STPS UNIT - 3 500 MW



Daily Flexibility(%) : SIMHADRI STPS UNIT - 3 500 MW

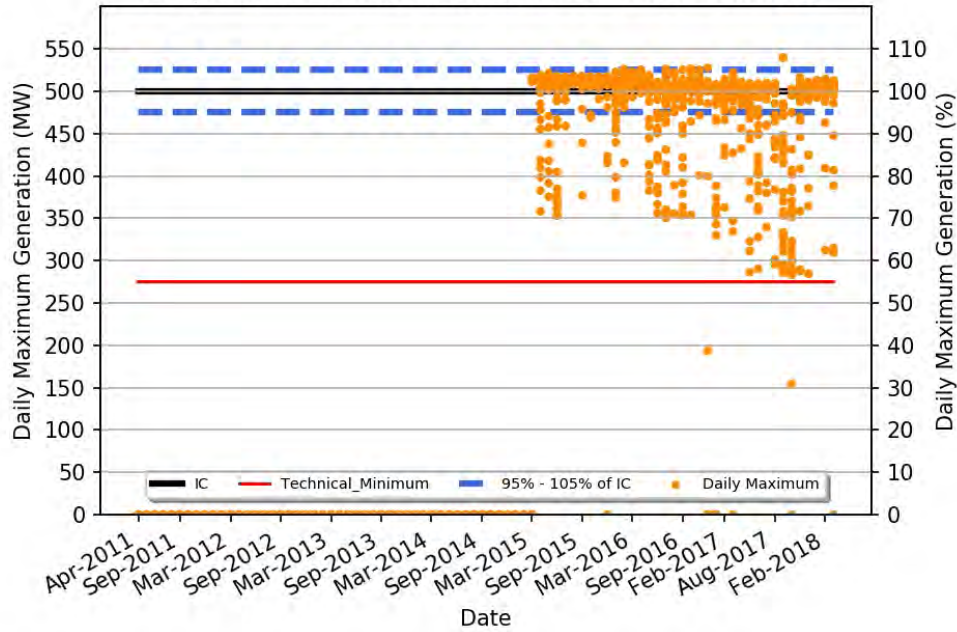


### SIMHADRI STPS UNIT - 3 500 MW

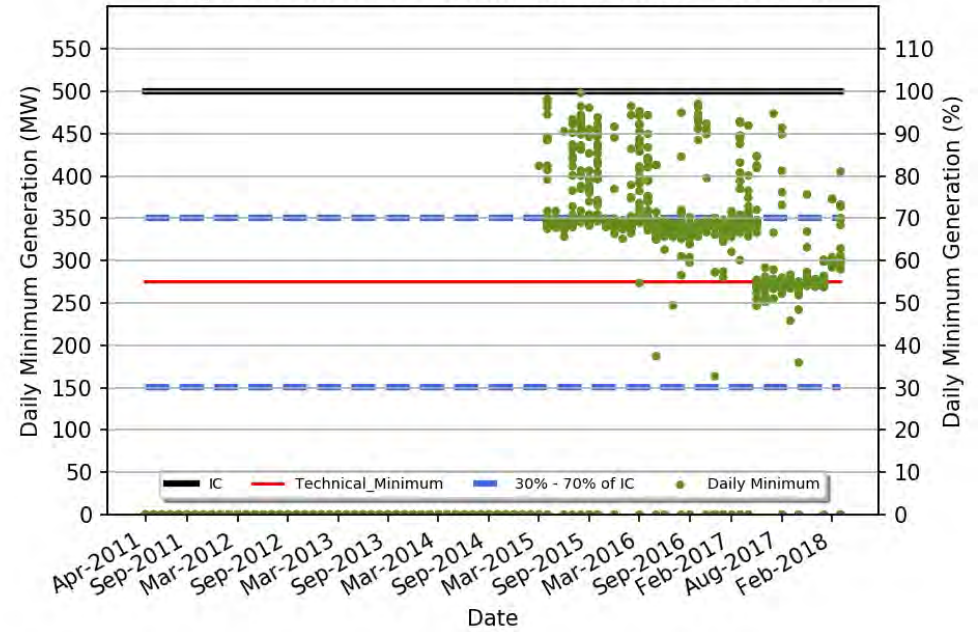
Region	: Southern Region
Number of Days Considered	: 2151
No. Of Days Max Generation Achieved	: 75 (%)
(% of total days in operation)	
No. Of Days Min Generation Achieved	: 52 (%)
(% of total days in operation)	
Average Flexibility	: 27 (%)
Average Daily Max (MW)	: 476
Daily Average (MW)	: 420
Average Daily Min (MW)	: 339
Average Daily Max/ IC (%)	: 95
Daily Average/IC (%)	: 84
Average Daily Min/IC (%)	: 67
Variable Charge (Paisa/kWh)	: 317
Number Of Beneficiaries	: 6



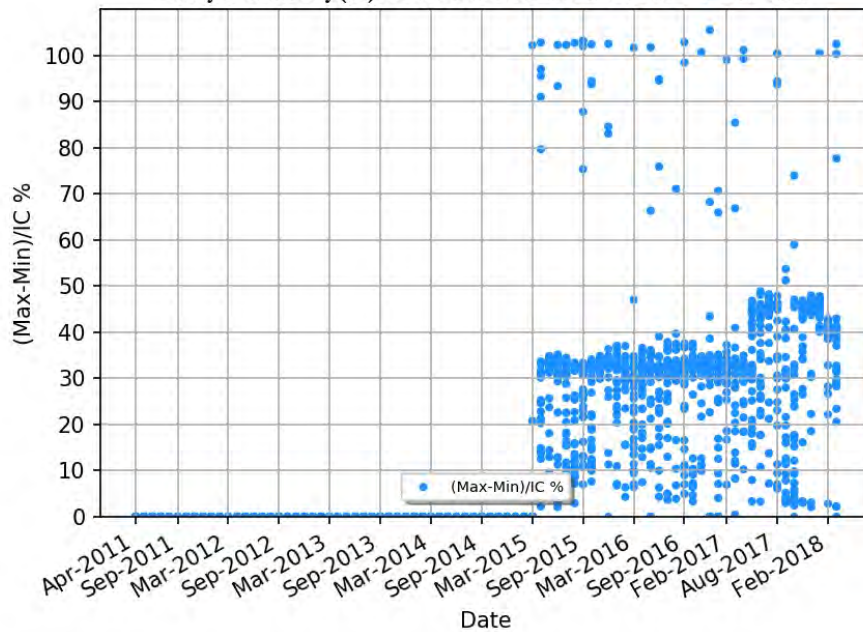
Daily Max Generation : SIMHADRI STPS UNIT - 4 500 MW



Daily Min Generation : SIMHADRI STPS UNIT - 4 500 MW



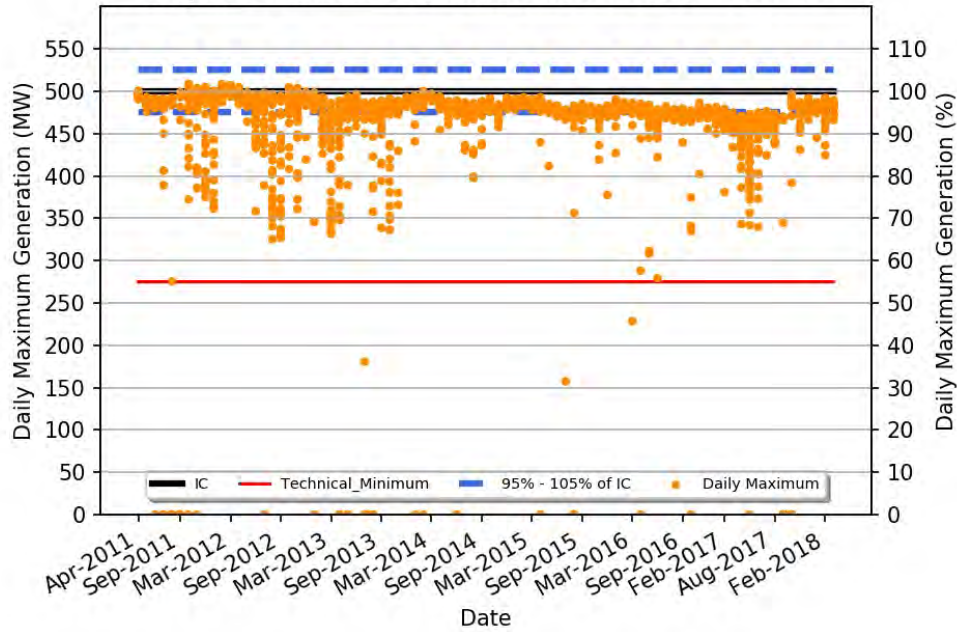
Daily Flexibility(%) : SIMHADRI STPS UNIT - 4 500 MW



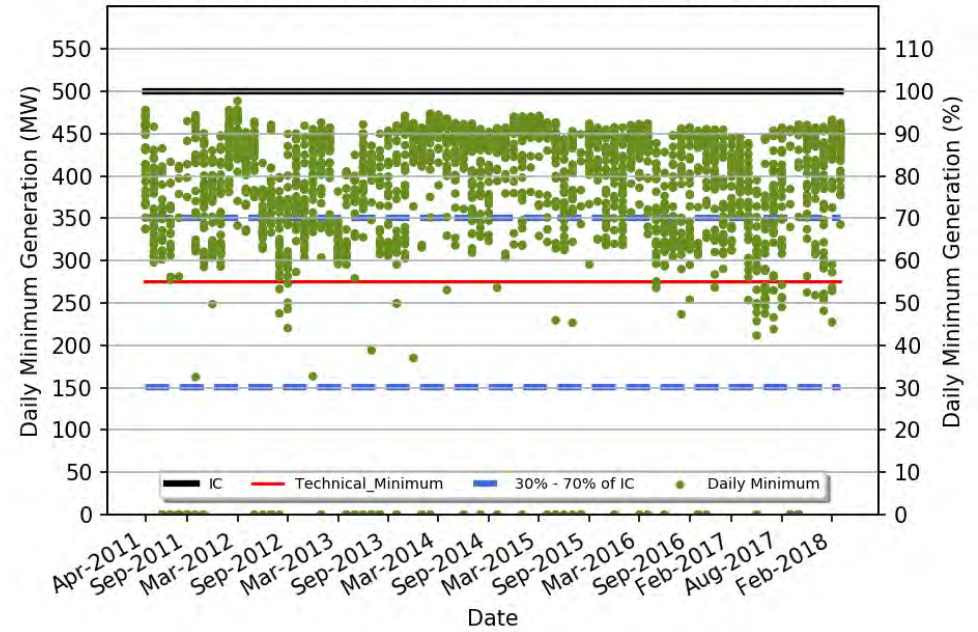
**SIMHADRI STPS UNIT - 4 500 MW**

<b>Region</b>	<b>: Southern Region</b>
<b>Number of Days Considered</b>	<b>: 1060</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 76 (%)</b>
(% of total days in operation)	
<b>No. Of Days Min Generation Achieved</b>	<b>: 75 (%)</b>
(% of total days in operation)	
<b>Average Flexibility</b>	<b>: 31 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 481</b>
<b>Daily Average (MW)</b>	<b>: 404</b>
<b>Average Daily Min (MW)</b>	<b>: 323</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 96</b>
<b>Daily Average/IC (%)</b>	<b>: 80</b>
<b>Average Daily Min/IC (%)</b>	<b>: 64</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 317</b>
<b>Number Of Beneficiaries</b>	<b>: 6</b>

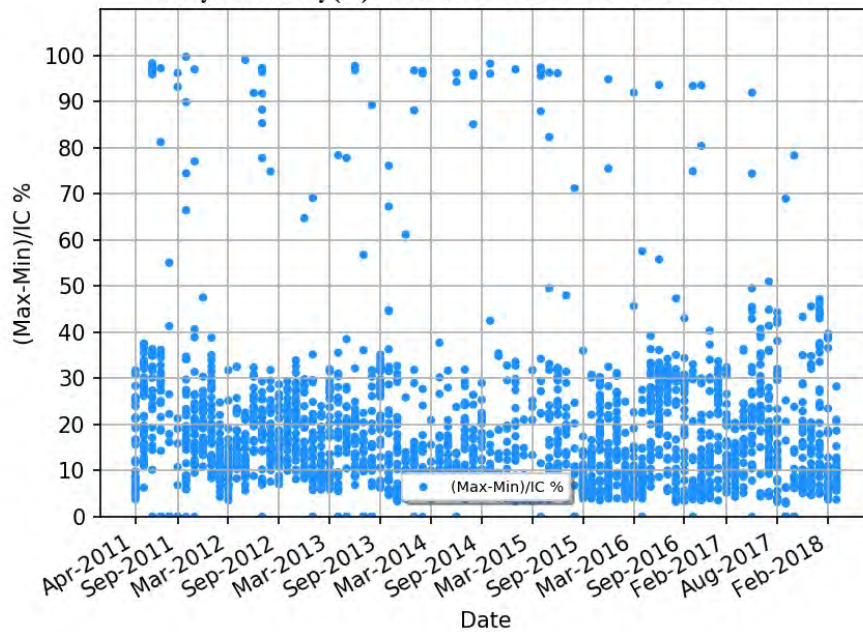
Daily Max Generation : TALCHER STPS-II UNIT - 1 500 MW



Daily Min Generation : TALCHER STPS-II UNIT - 1 500 MW



Daily Flexibility(%) : TALCHER STPS-II UNIT - 1 500 MW

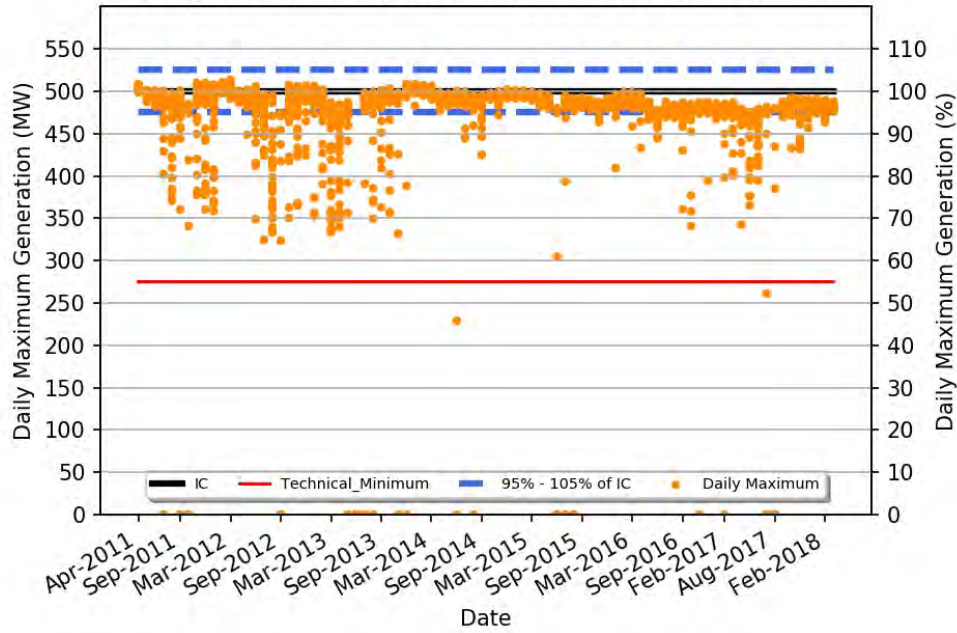


**TALCHER STPS-II UNIT - 1 500 MW**

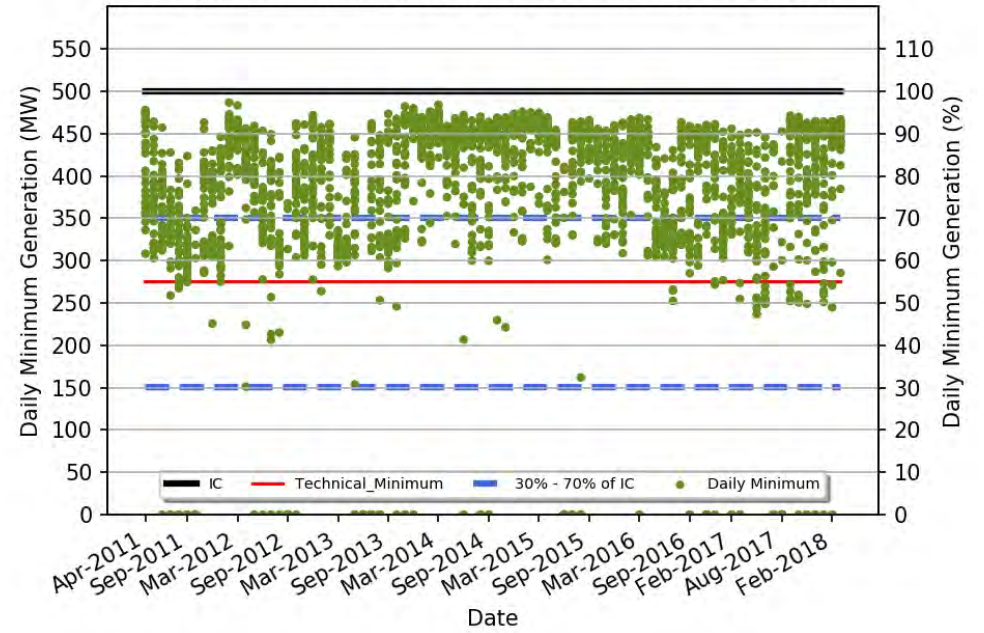
<b>Region</b>	<b>: Southern Region</b>
<b>Number of Days Considered</b>	<b>: 2342</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 65 (%)</b>
(% of total days in operation)	
<b>No. Of Days Min Generation Achieved</b>	<b>: 24 (%)</b>
(% of total days in operation)	
<b>Average Flexibility</b>	<b>: 17 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 473</b>
<b>Daily Average (MW)</b>	<b>: 441</b>
<b>Average Daily Min (MW)</b>	<b>: 386</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 94</b>
<b>Daily Average/IC (%)</b>	<b>: 88</b>
<b>Average Daily Min/IC (%)</b>	<b>: 77</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 179</b>
<b>Number Of Beneficiaries</b>	<b>: 9</b>



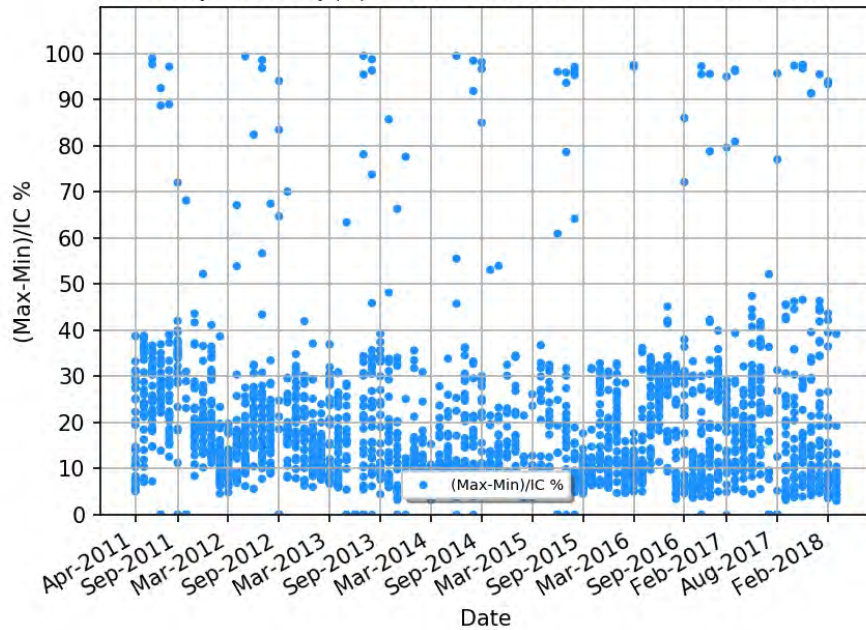
Daily Max Generation : TALCHER STPS-II UNIT - 2 500 MW



Daily Min Generation : TALCHER STPS-II UNIT - 2 500 MW



Daily Flexibility(%) : TALCHER STPS-II UNIT - 2 500 MW

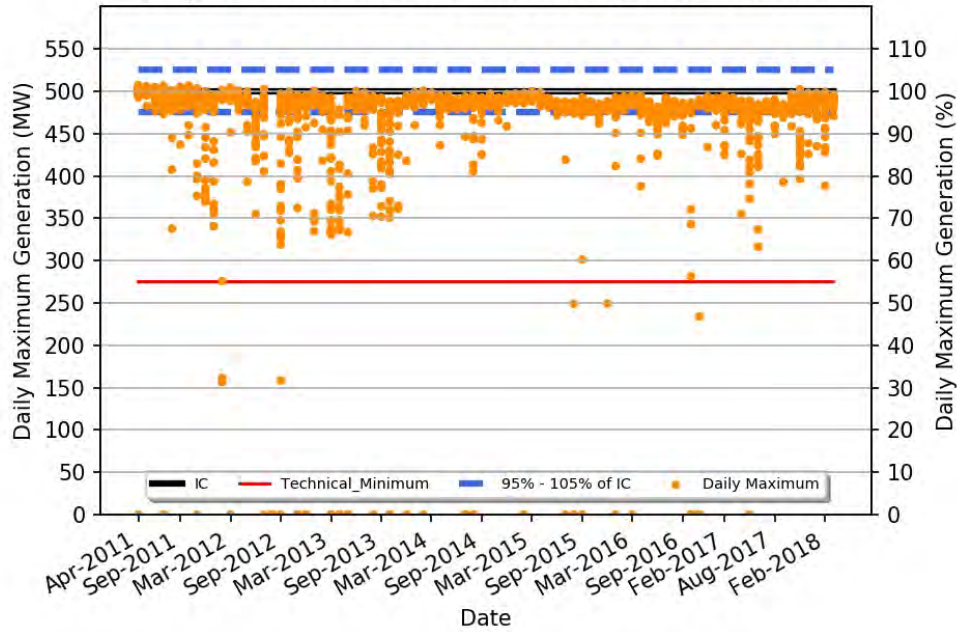


### TALCHER STPS-II UNIT - 2 500 MW

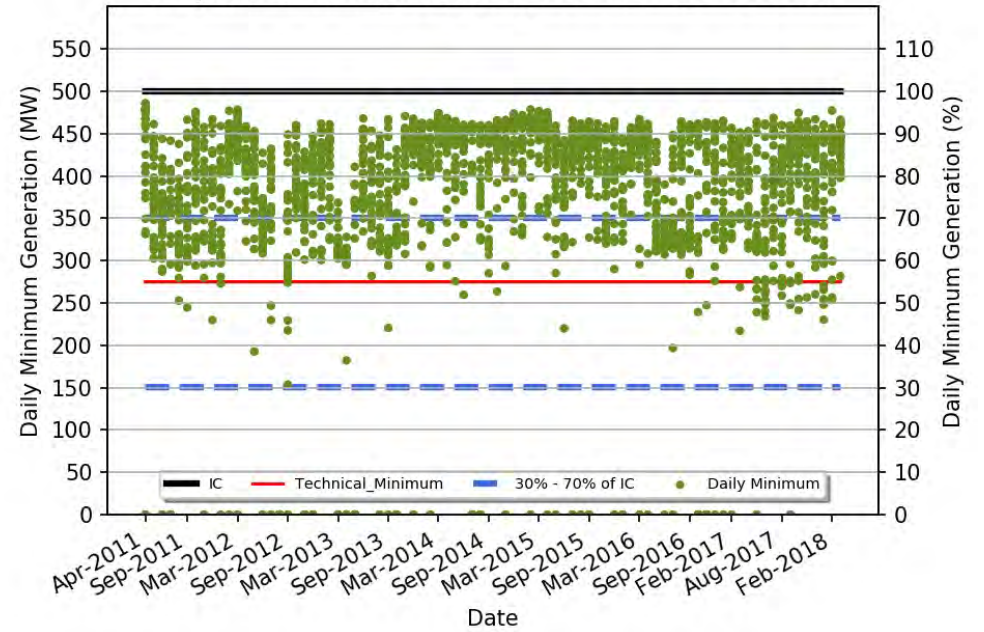
Region	: Southern Region
Number of Days Considered	: 2348
No. Of Days Max Generation Achieved	: 80 (%)
(% of total days in operation)	
No. Of Days Min Generation Achieved	: 24 (%)
(% of total days in operation)	
Average Flexibility	: 18 (%)
Average Daily Max (MW)	: 479
Daily Average (MW)	: 446
Average Daily Min (MW)	: 388
Average Daily Max/ IC (%)	: 95
Daily Average/IC (%)	: 89
Average Daily Min/IC (%)	: 77
Variable Charge (Paisa/kWh)	: 179
Number Of Beneficiaries	: 9



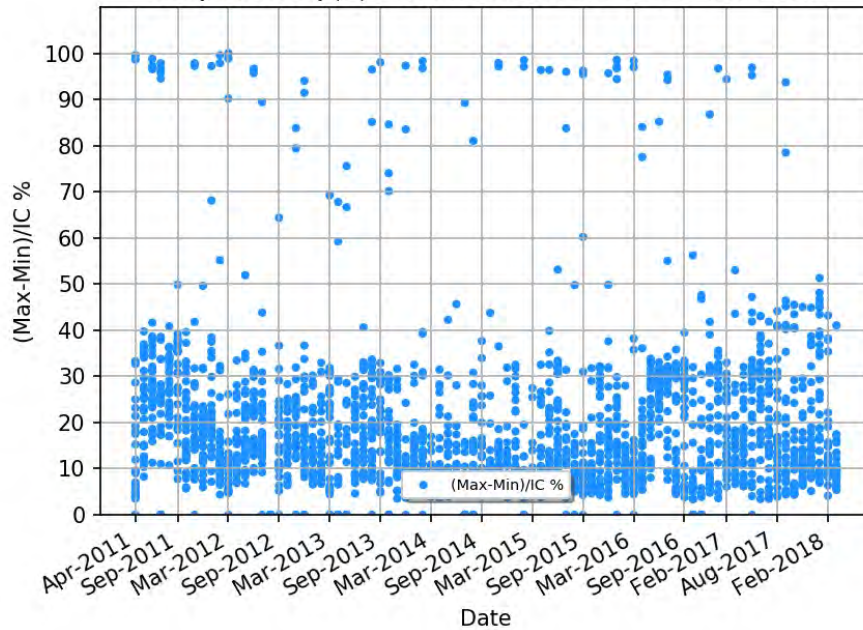
Daily Max Generation : TALCHER STPS-II UNIT - 3 500 MW



Daily Min Generation : TALCHER STPS-II UNIT - 3 500 MW



Daily Flexibility(%) : TALCHER STPS-II UNIT - 3 500 MW

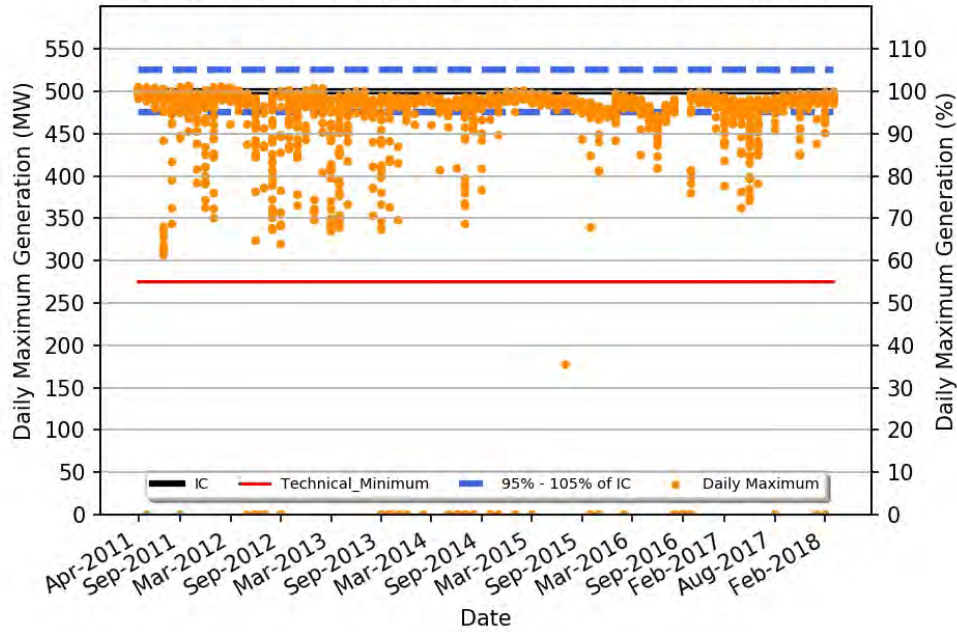


### TALCHER STPS-II UNIT - 3 500 MW

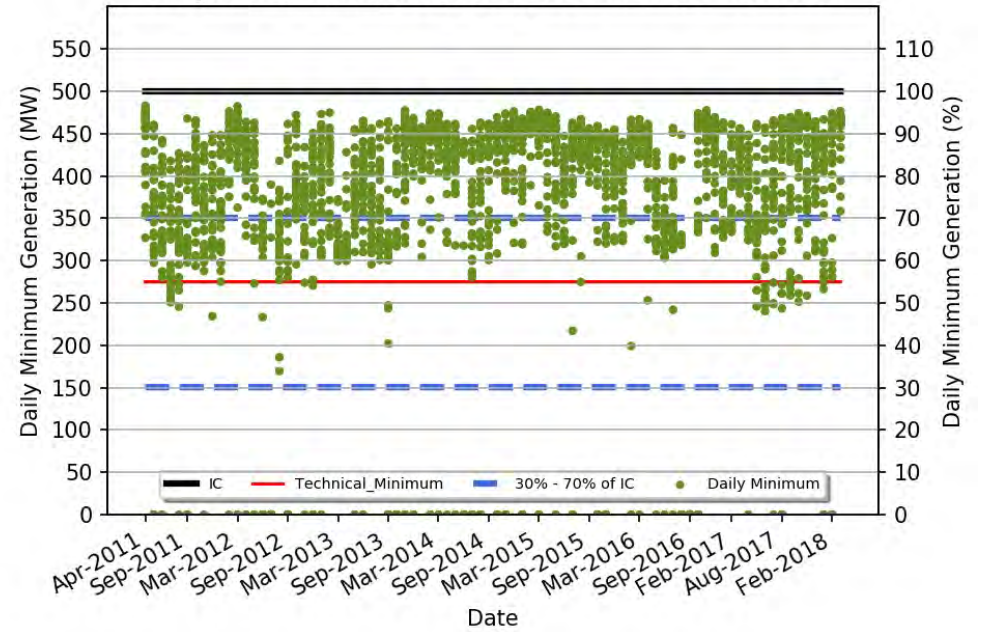
Region	: Southern Region
Number of Days Considered	: 2370
No. Of Days Max Generation Achieved	: 85 (%)
(% of total days in operation)	
No. Of Days Min Generation Achieved	: 24 (%)
(% of total days in operation)	
Average Flexibility	: 18 (%)
Average Daily Max (MW)	: 479
Daily Average (MW)	: 445
Average Daily Min (MW)	: 386
Average Daily Max/ IC (%)	: 95
Daily Average/IC (%)	: 89
Average Daily Min/IC (%)	: 77
Variable Charge (Paisa/kWh)	: 179
Number Of Beneficiaries	: 9



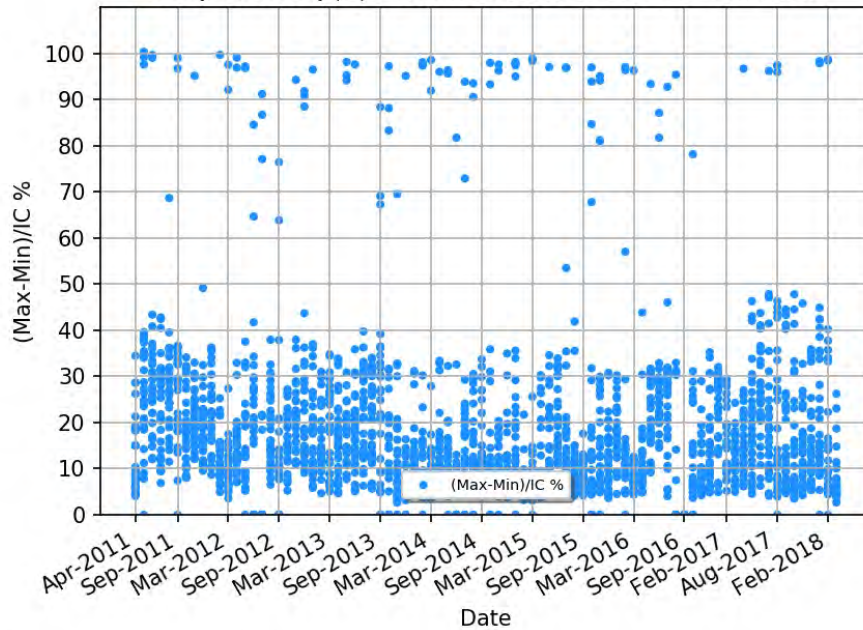
Daily Max Generation : TALCHER STPS-II UNIT - 4 500 MW



Daily Min Generation : TALCHER STPS-II UNIT - 4 500 MW



Daily Flexibility(%) : TALCHER STPS-II UNIT - 4 500 MW

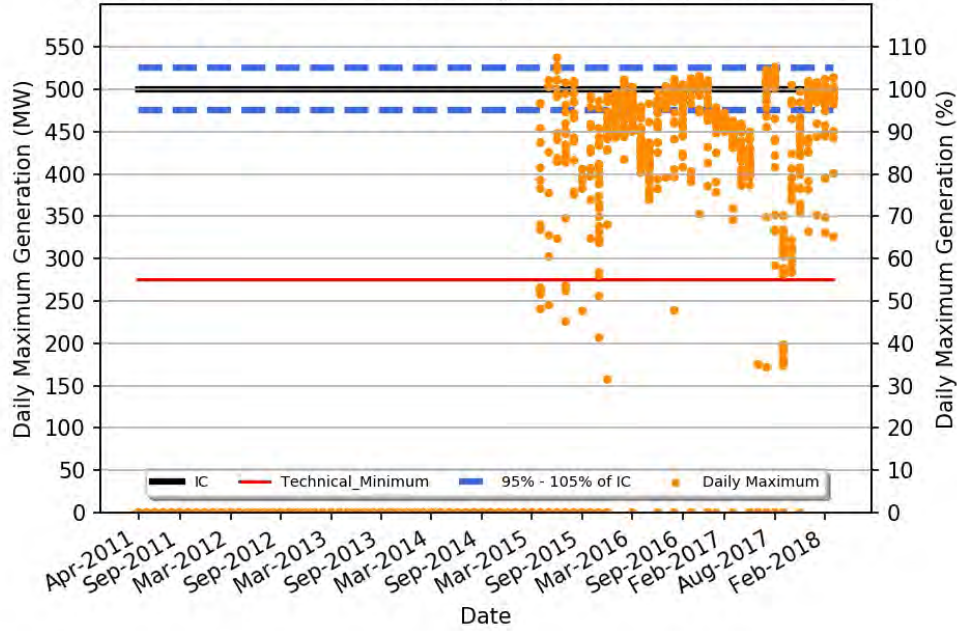


**TALCHER STPS-II UNIT - 4 500 MW**

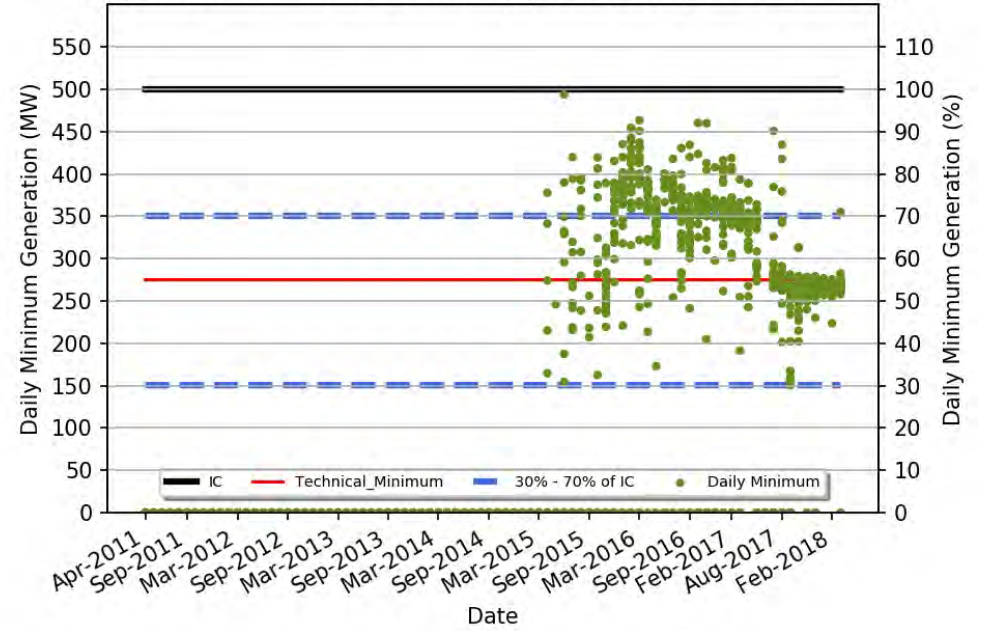
<b>Region</b>	<b>: Southern Region</b>
<b>Number of Days Considered</b>	<b>: 2354</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 80 (%)</b>
<b>(% of total days in operation)</b>	
<b>No. Of Days Min Generation Achieved</b>	<b>: 24 (%)</b>
<b>(% of total days in operation)</b>	
<b>Average Flexibility</b>	<b>: 18 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 478</b>
<b>Daily Average (MW)</b>	<b>: 443</b>
<b>Average Daily Min (MW)</b>	<b>: 383</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 95</b>
<b>Daily Average/IC (%)</b>	<b>: 88</b>
<b>Average Daily Min/IC (%)</b>	<b>: 76</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 179</b>
<b>Number Of Beneficiaries</b>	<b>: 9</b>



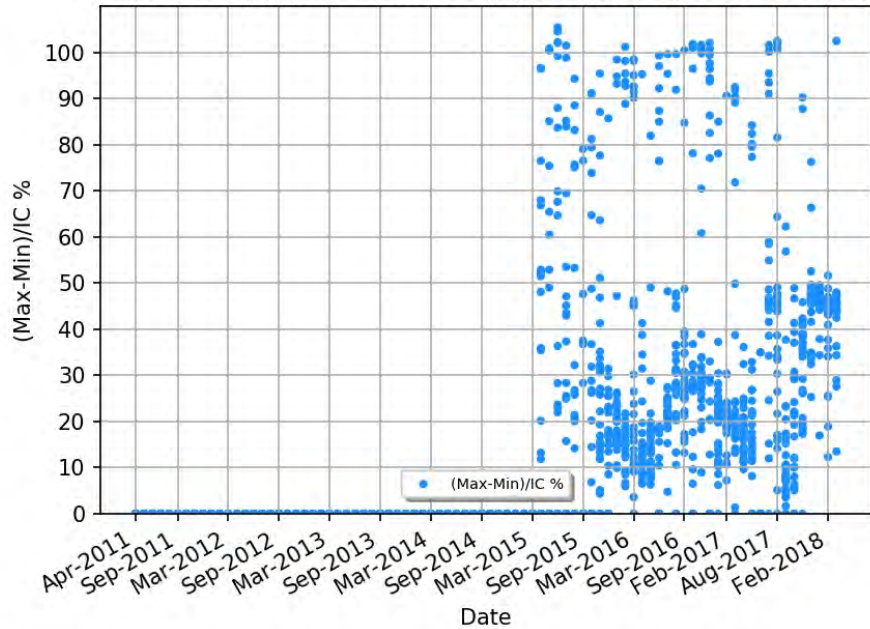
Daily Max Generation : TUTICORIN (JV) TPP (NTPL) UNIT - 1 500 MW



Daily Min Generation : TUTICORIN (JV) TPP (NTPL) UNIT - 1 500 MW



Daily Flexibility(%): TUTICORIN (JV) TPP (NTPL) UNIT - 1 500 MW

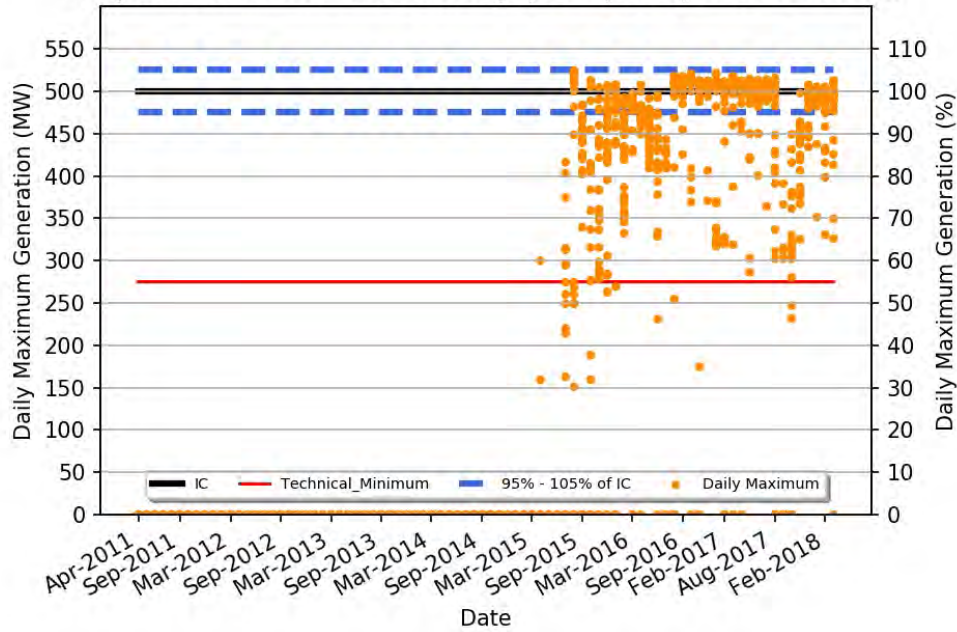


**TUTICORIN (JV) TPP (NTPL) UNIT - 1 500 MW**

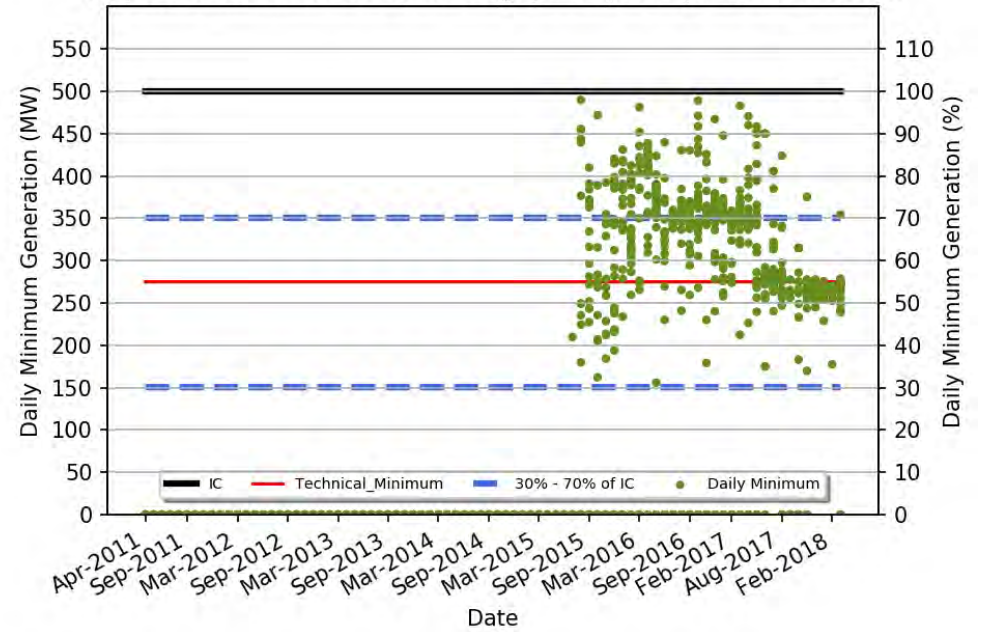
<b>Region</b>	<b>: Southern Region</b>
<b>Number of Days Considered</b>	<b>: 833</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 43 (%)</b>
<b>(% of total days in operation)</b>	
<b>No. Of Days Min Generation Achieved</b>	<b>: 53 (%)</b>
<b>(% of total days in operation)</b>	
<b>Average Flexibility</b>	<b>: 34 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 451</b>
<b>Daily Average (MW)</b>	<b>: 376</b>
<b>Average Daily Min (MW)</b>	<b>: 280</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 90</b>
<b>Daily Average/IC (%)</b>	<b>: 75</b>
<b>Average Daily Min/IC (%)</b>	<b>: 56</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 315</b>
<b>Number Of Beneficiaries</b>	<b>: 6</b>



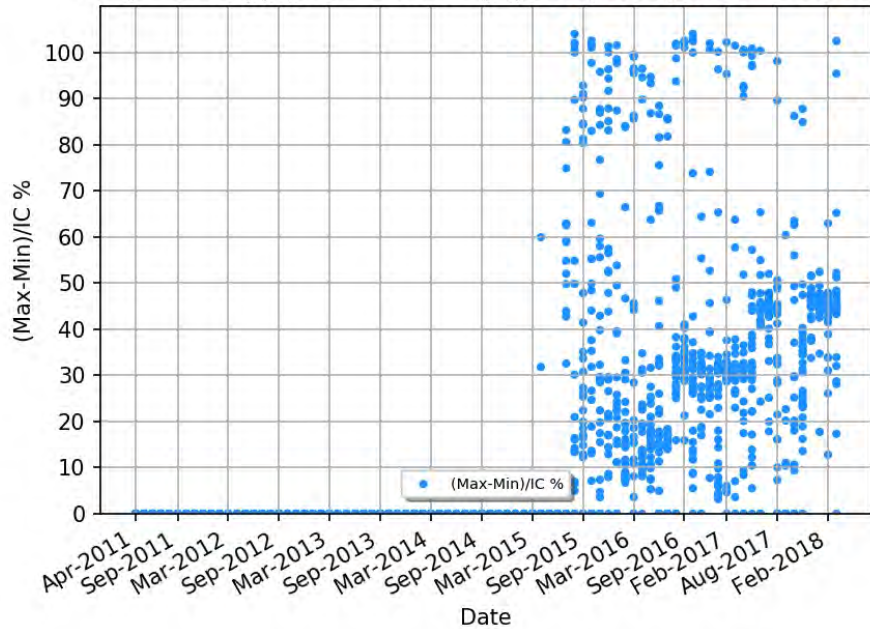
Daily Max Generation : TUTICORIN (JV) TPP (NTPL) UNIT - 2 500 MW



Daily Min Generation : TUTICORIN (JV) TPP (NTPL) UNIT - 2 500 MW



Daily Flexibility(%): TUTICORIN (JV) TPP (NTPL) UNIT - 2 500 MW

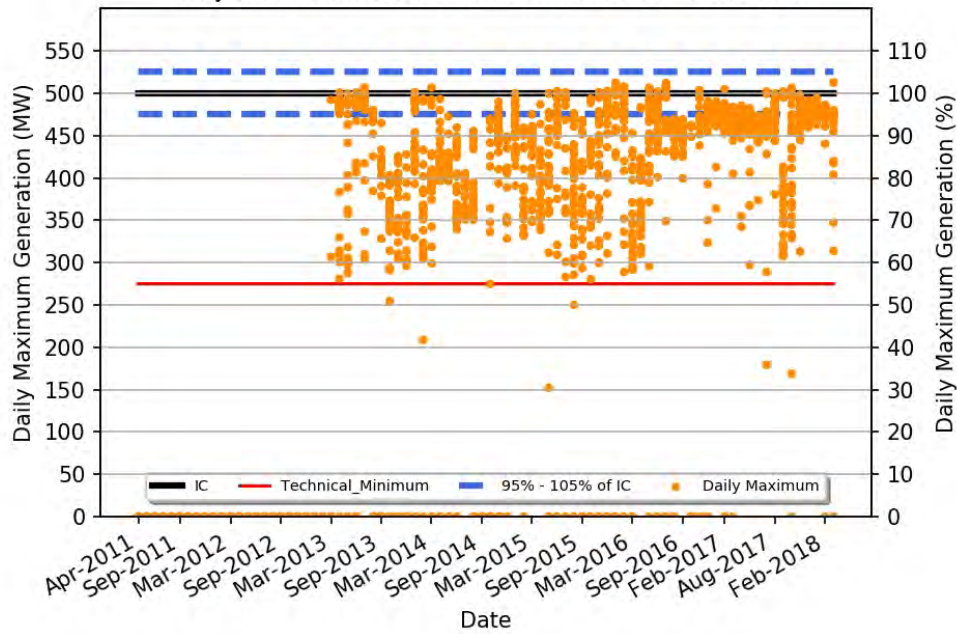


**TUTICORIN (JV) TPP (NTPL) UNIT - 2 500 MW**

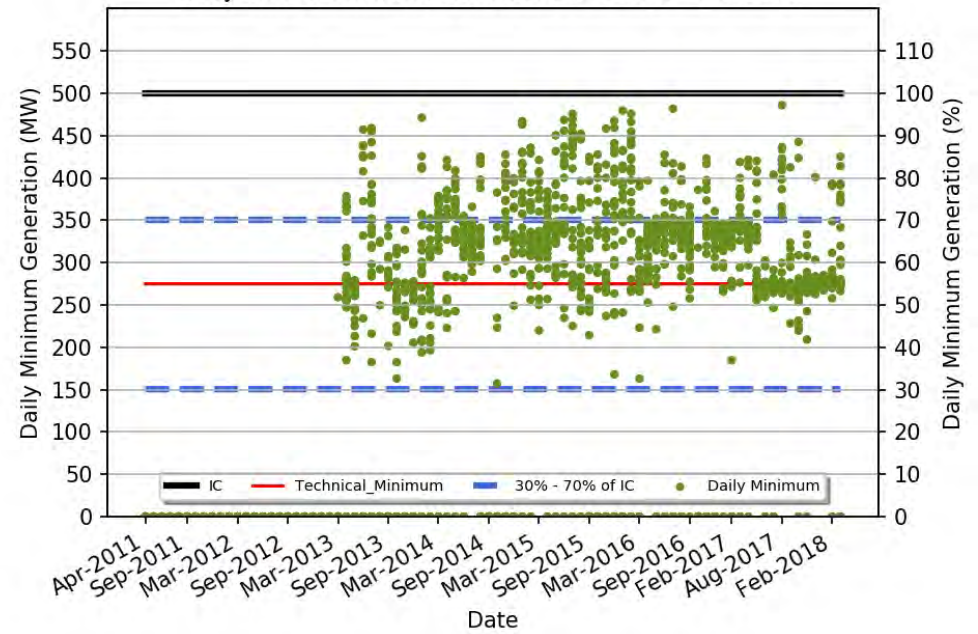
<b>Region</b>	<b>: Southern Region</b>
<b>Number of Days Considered</b>	<b>: 809</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 61 (%)</b>
(% of total days in operation)	
<b>No. Of Days Min Generation Achieved</b>	<b>: 55 (%)</b>
(% of total days in operation)	
<b>Average Flexibility</b>	<b>: 36 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 463</b>
<b>Daily Average (MW)</b>	<b>: 383</b>
<b>Average Daily Min (MW)</b>	<b>: 279</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 92</b>
<b>Daily Average/IC (%)</b>	<b>: 76</b>
<b>Average Daily Min/IC (%)</b>	<b>: 55</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 315</b>
<b>Number Of Beneficiaries</b>	<b>: 6</b>



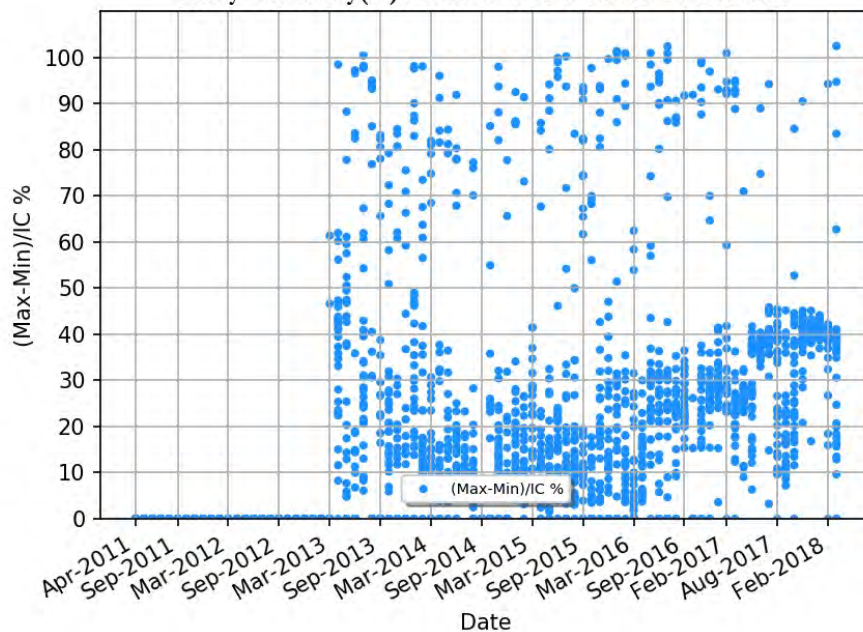
Daily Max Generation : VALLUR TPP UNIT - 1 500 MW



Daily Min Generation : VALLUR TPP UNIT - 1 500 MW



Daily Flexibility(%): VALLUR TPP UNIT - 1 500 MW

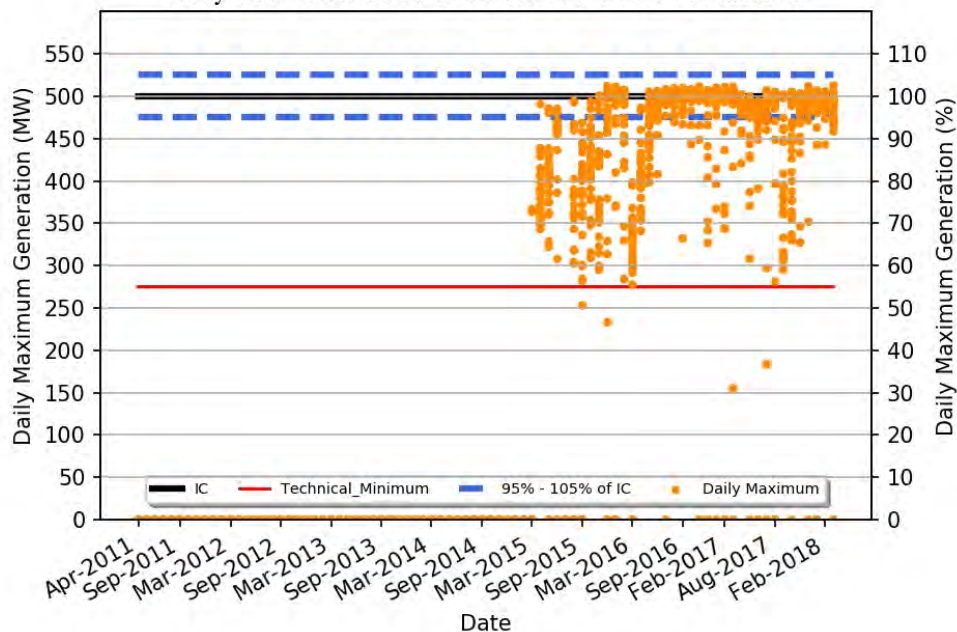


**VALLUR TPP UNIT - 1 500 MW**

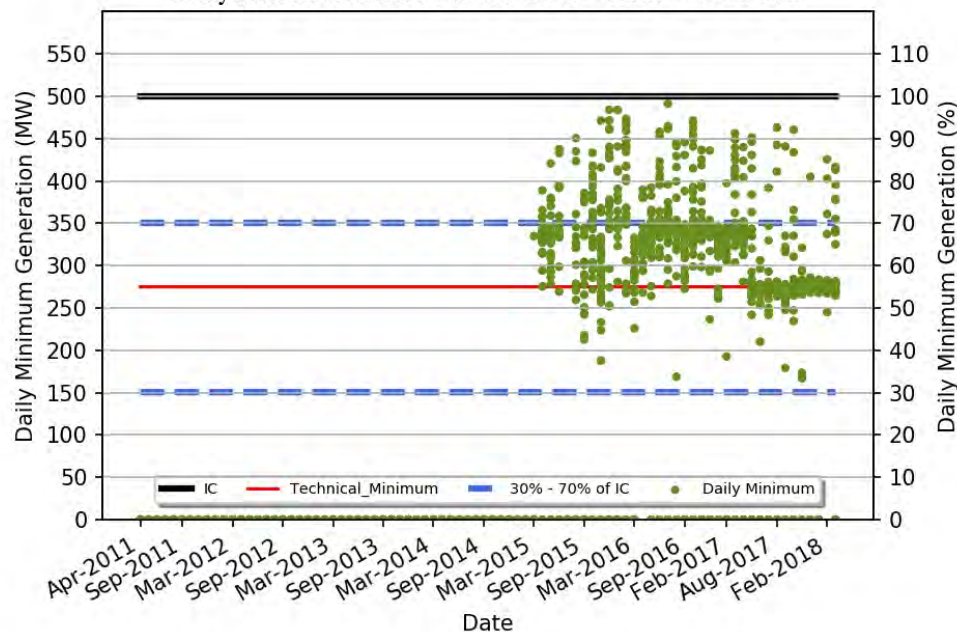
<b>Region</b>	<b>: Southern Region</b>
<b>Number of Days Considered</b>	<b>: 1487</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 27 (%)</b>
<small>(% of total days in operation)</small>	
<b>No. Of Days Min Generation Achieved</b>	<b>: 67 (%)</b>
<small>(% of total days in operation)</small>	
<b>Average Flexibility</b>	<b>: 29 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 435</b>
<b>Daily Average (MW)</b>	<b>: 373</b>
<b>Average Daily Min (MW)</b>	<b>: 289</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 87</b>
<b>Daily Average/IC (%)</b>	<b>: 74</b>
<b>Average Daily Min/IC (%)</b>	<b>: 57</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 320</b>
<b>Number Of Beneficiaries</b>	<b>: 6</b>



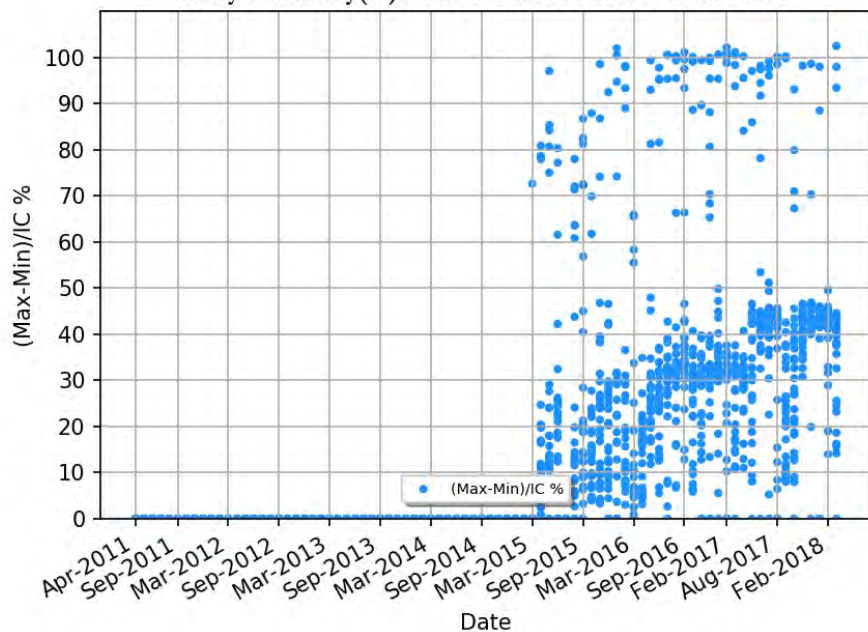
Daily Max Generation : VALLUR TPP UNIT - 2 500 MW



Daily Min Generation : VALLUR TPP UNIT - 2 500 MW

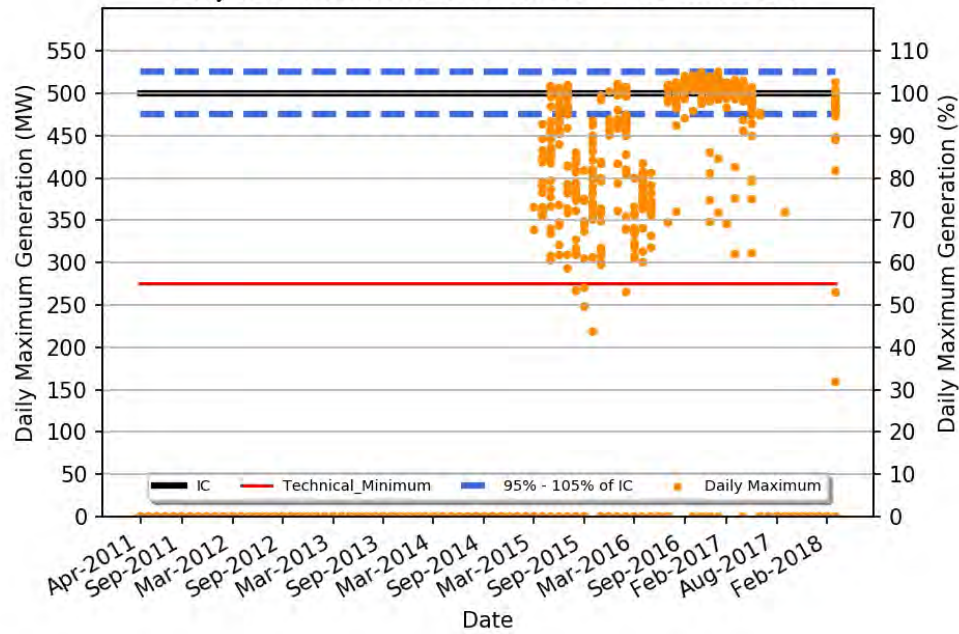


Daily Flexibility(%) : VALLUR TPP UNIT - 2 500 MW

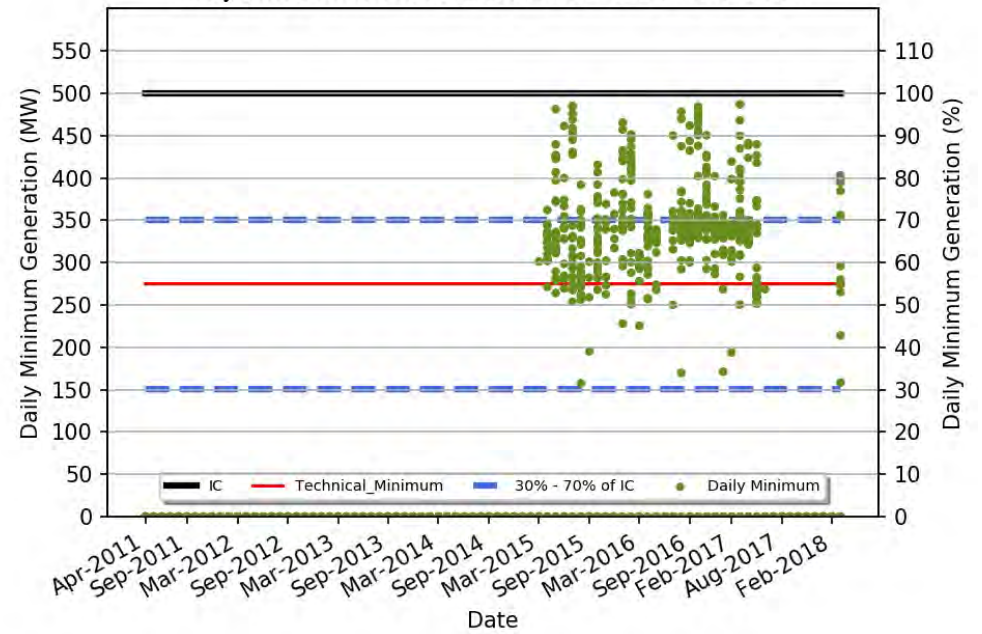


VALLUR TPP UNIT - 2 500 MW	
Region	: Southern Region
Number of Days Considered	: 946
No. Of Days Max Generation Achieved	: 61 (%)
(% of total days in operation)	
No. Of Days Min Generation Achieved	: 68 (%)
(% of total days in operation)	
Average Flexibility	: 32 (%)
Average Daily Max (MW)	: 459
Daily Average (MW)	: 390
Average Daily Min (MW)	: 296
Average Daily Max/ IC (%)	: 91
Daily Average/IC (%)	: 78
Average Daily Min/IC (%)	: 59
Variable Charge (Paisa/kWh)	: 320
Number Of Beneficiaries	: 4

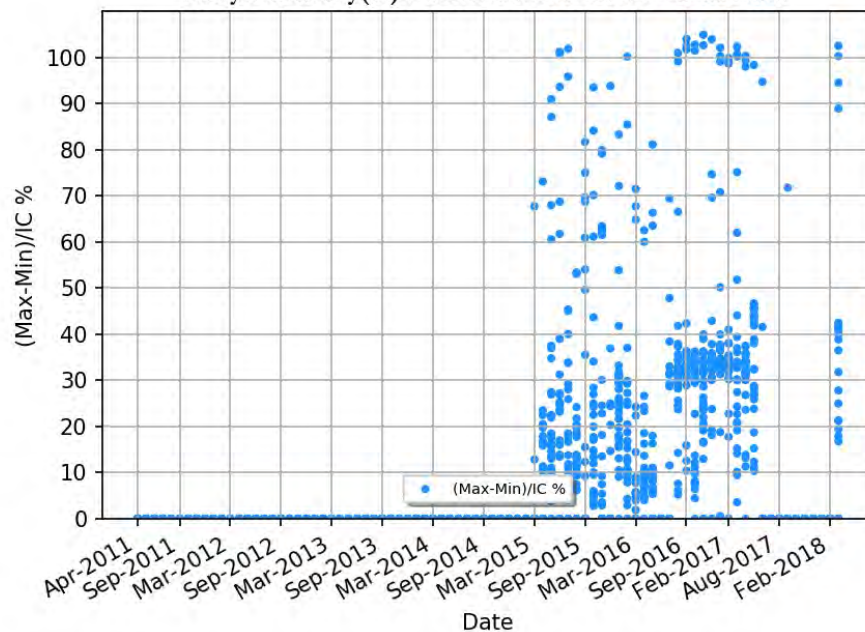
Daily Max Generation : VALLUR TPP UNIT - 3 500 MW



Daily Min Generation : VALLUR TPP UNIT - 3 500 MW



Daily Flexibility(%) : VALLUR TPP UNIT - 3 500 MW



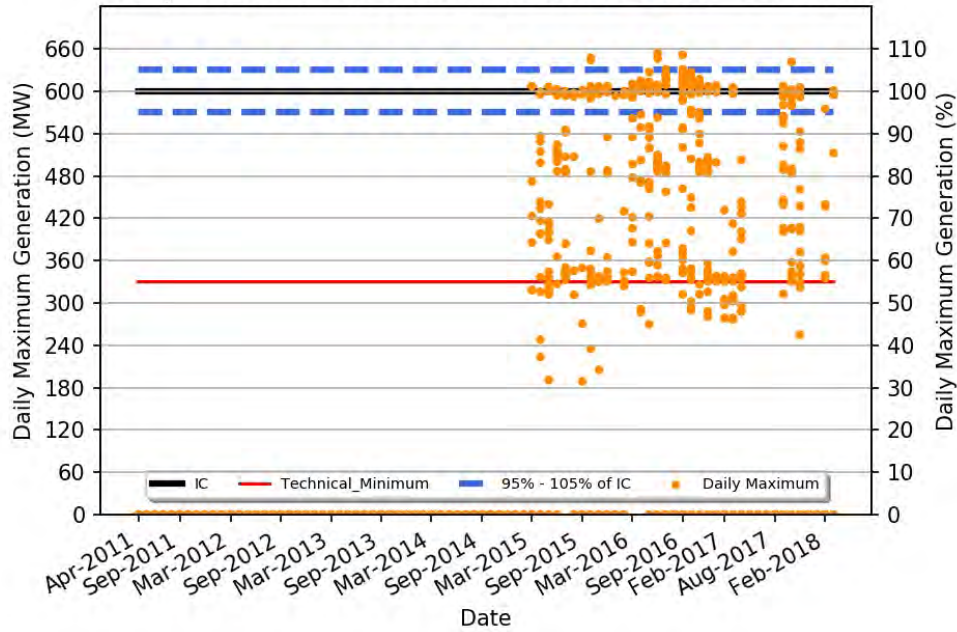
**VALLUR TPP UNIT - 3 500 MW**

<b>Region</b>	<b>: Southern Region</b>
<b>Number of Days Considered</b>	<b>: 606</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 60 (%)</b>
(% of total days in operation)	
<b>No. Of Days Min Generation Achieved</b>	<b>: 62 (%)</b>
(% of total days in operation)	
<b>Average Flexibility</b>	<b>: 29 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 458</b>
<b>Daily Average (MW)</b>	<b>: 399</b>
<b>Average Daily Min (MW)</b>	<b>: 312</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 91</b>
<b>Daily Average/IC (%)</b>	<b>: 79</b>
<b>Average Daily Min/IC (%)</b>	<b>: 62</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 320</b>
<b>Number Of Beneficiaries</b>	<b>: 4</b>

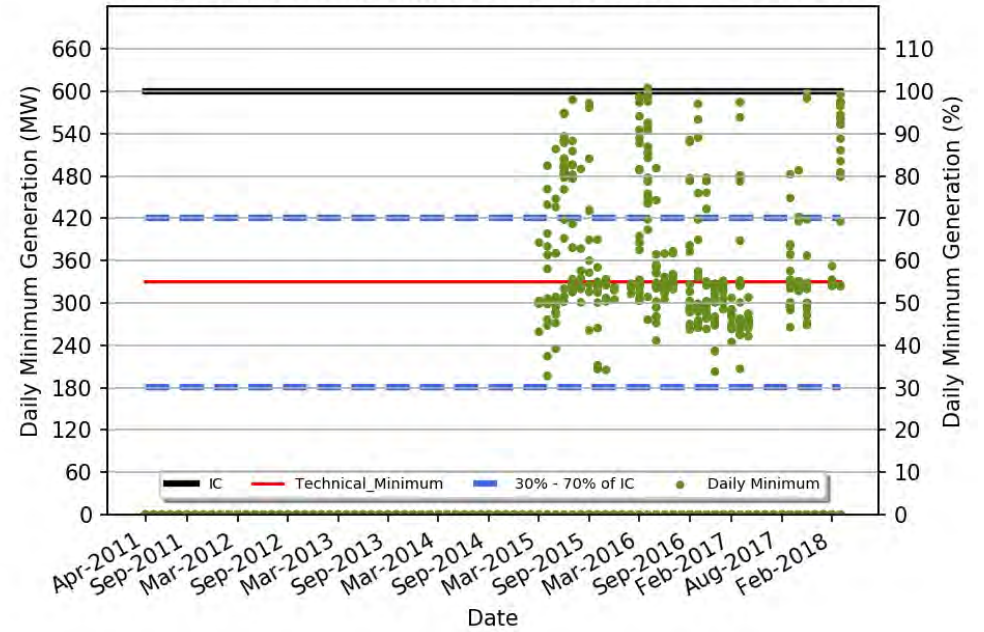


# INDEPENDENT POWER PRODUCERS (IPP-ISGS)

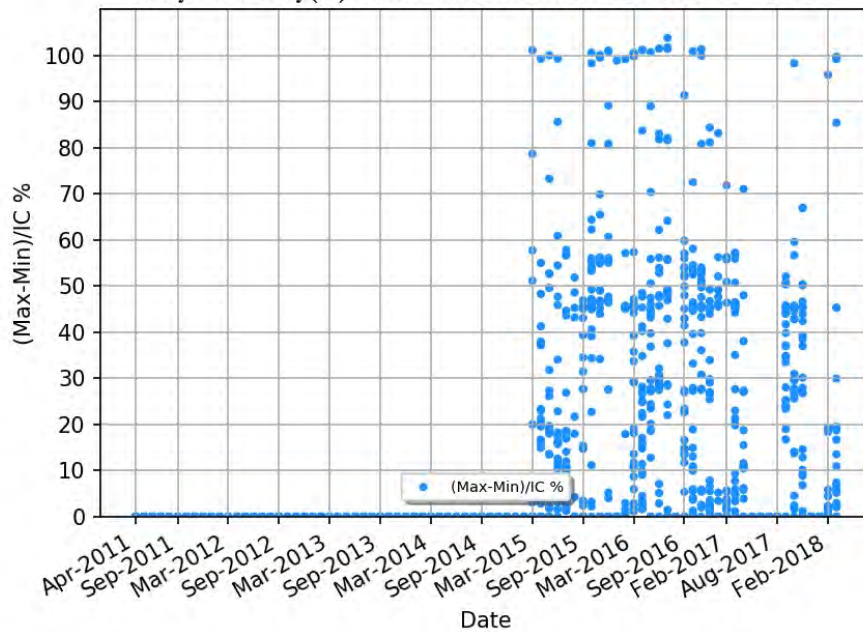
Daily Max Generation : COASTAL ENERGEN UNIT - 1 600 MW



Daily Min Generation : COASTAL ENERGEN UNIT - 1 600 MW



Daily Flexibility(%) : COASTAL ENERGEN UNIT - 1 600 MW

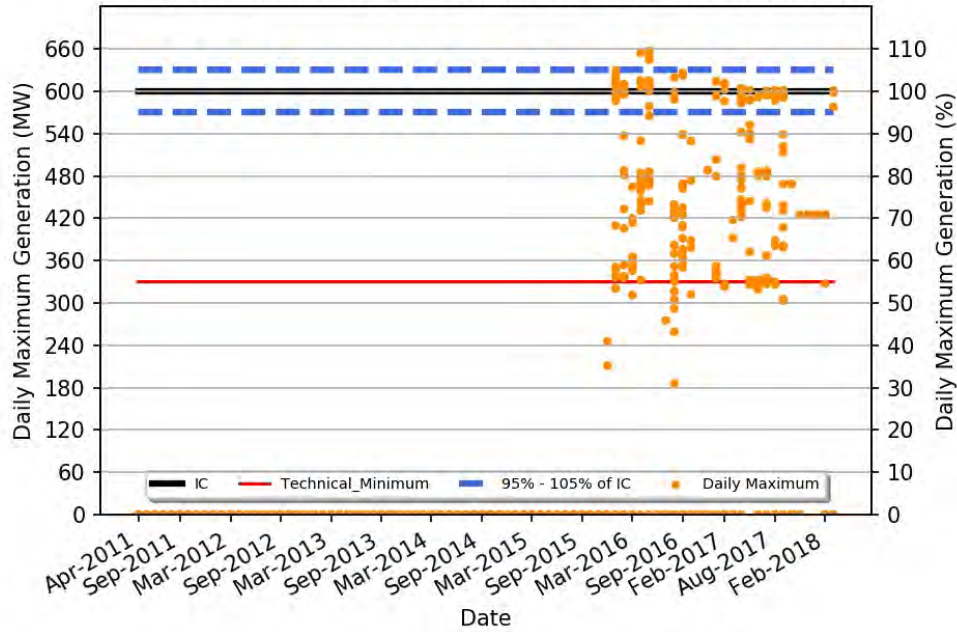


**COASTAL ENERGEN UNIT - 1 600 MW**

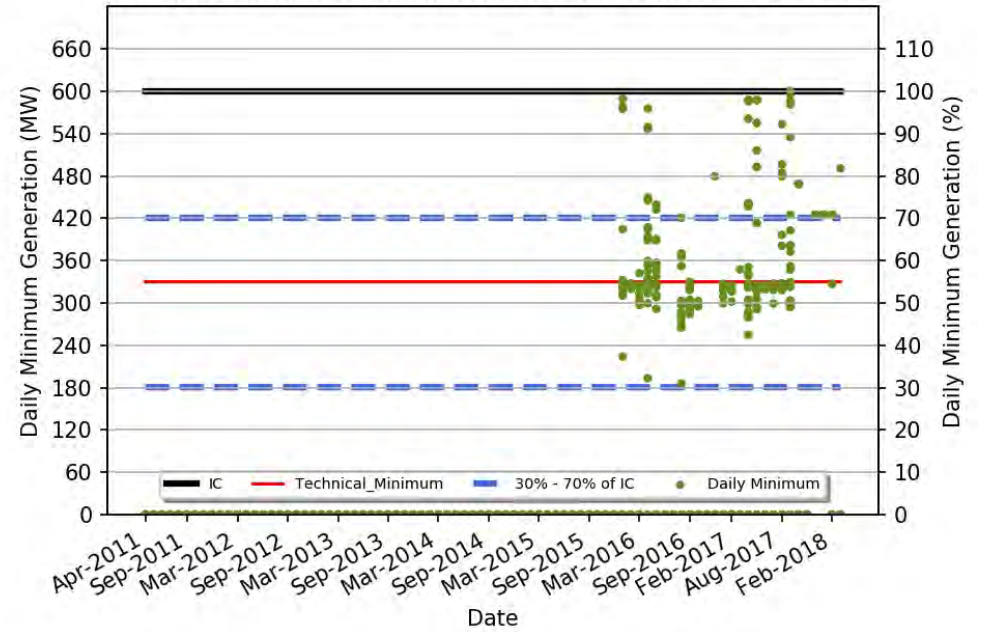
<b>Region</b>	<b>: Southern Region</b>
<b>Number of Days Considered</b>	<b>: 585</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 48 (%)</b>
(% of total days in operation)	
<b>No. Of Days Min Generation Achieved</b>	<b>: 68 (%)</b>
(% of total days in operation)	
<b>Average Flexibility</b>	<b>: 31 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 506</b>
<b>Daily Average (MW)</b>	<b>: 423</b>
<b>Average Daily Min (MW)</b>	<b>: 316</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 84</b>
<b>Daily Average/IC (%)</b>	<b>: 70</b>
<b>Average Daily Min/IC (%)</b>	<b>: 52</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 321</b>



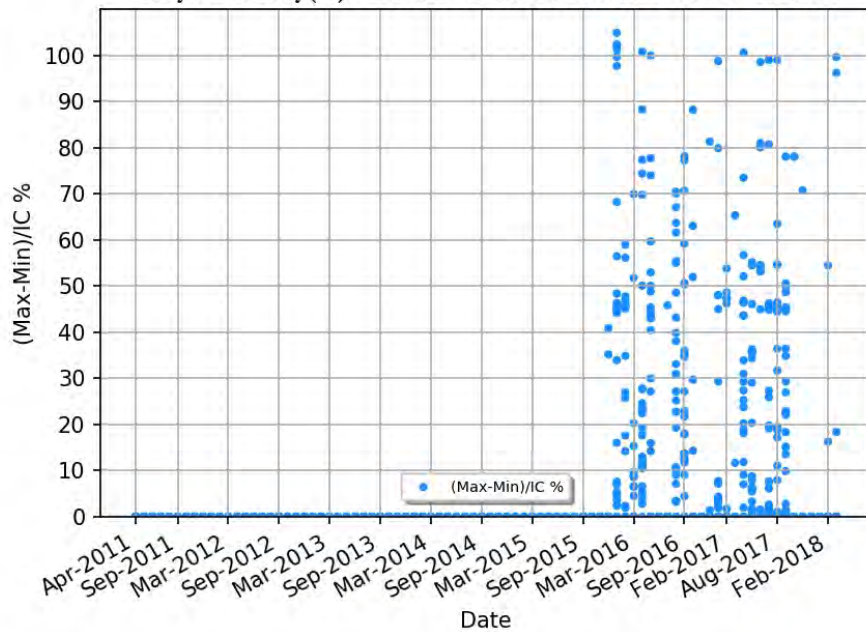
Daily Max Generation : COASTAL ENERGEN UNIT - 2 600 MW



Daily Min Generation : COASTAL ENERGEN UNIT - 2 600 MW



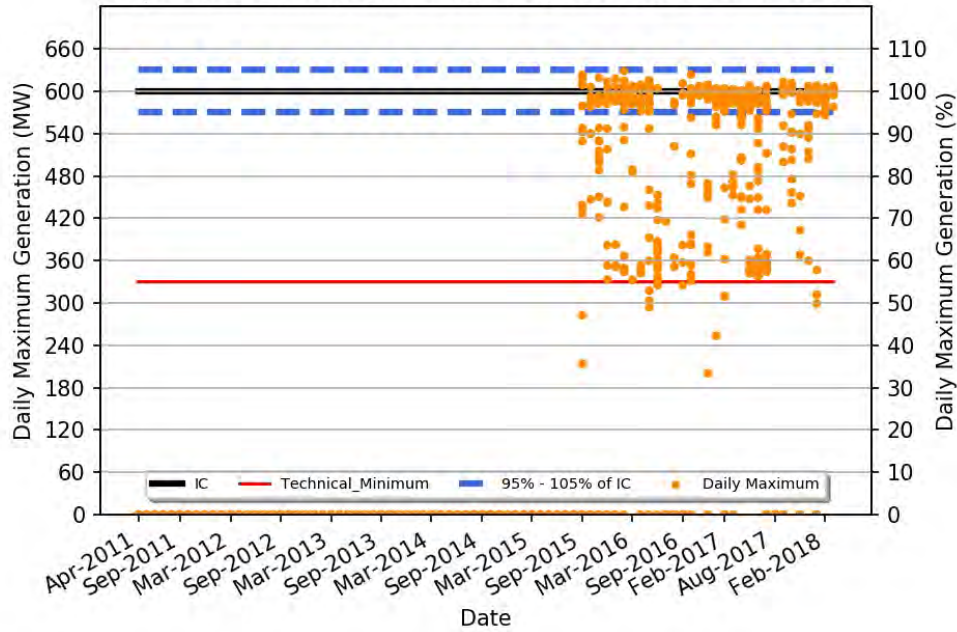
Daily Flexibility(%) : COASTAL ENERGEN UNIT - 2 600 MW



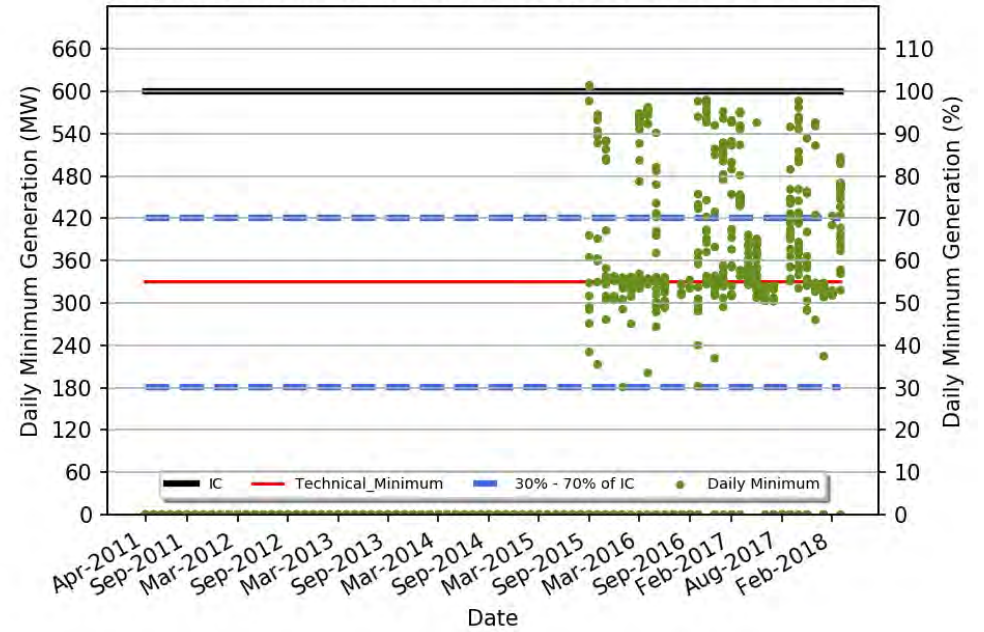
**COASTAL ENERGEN UNIT - 2 600 MW**

<b>Region</b>	<b>: Southern Region</b>
<b>Number of Days Considered</b>	<b>: 396</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 29 (%)</b>
(% of total days in operation)	
<b>No. Of Days Min Generation Achieved</b>	<b>: 56 (%)</b>
(% of total days in operation)	
<b>Average Flexibility</b>	<b>: 22 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 468</b>
<b>Daily Average (MW)</b>	<b>: 405</b>
<b>Average Daily Min (MW)</b>	<b>: 331</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 78</b>
<b>Daily Average/IC (%)</b>	<b>: 67</b>
<b>Average Daily Min/IC (%)</b>	<b>: 55</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 321</b>

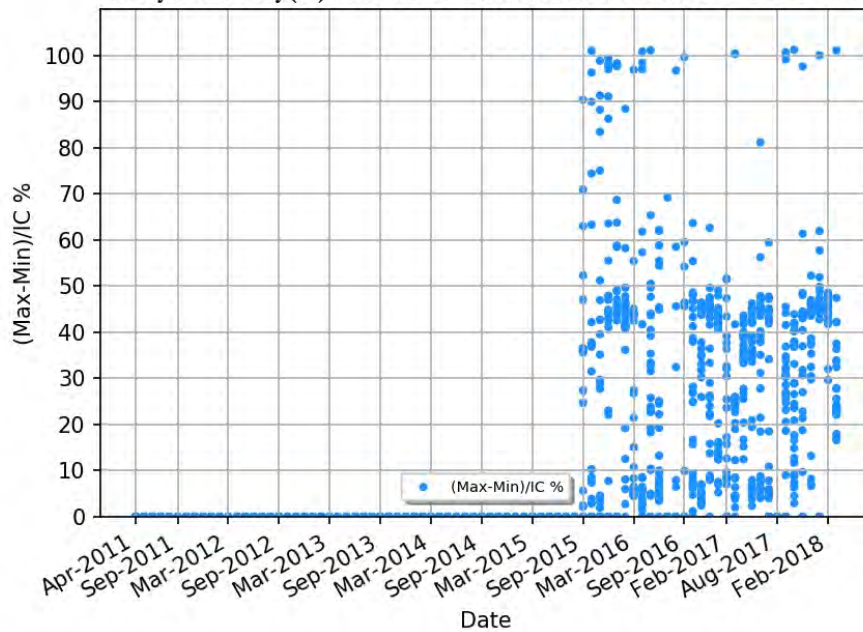
Daily Max Generation : IL&FS TAMILNADU PCL UNIT - 1 600 MW



Daily Min Generation : IL&FS TAMILNADU PCL UNIT - 1 600 MW



Daily Flexibility(%) : IL&FS TAMILNADU PCL UNIT - 1 600 MW

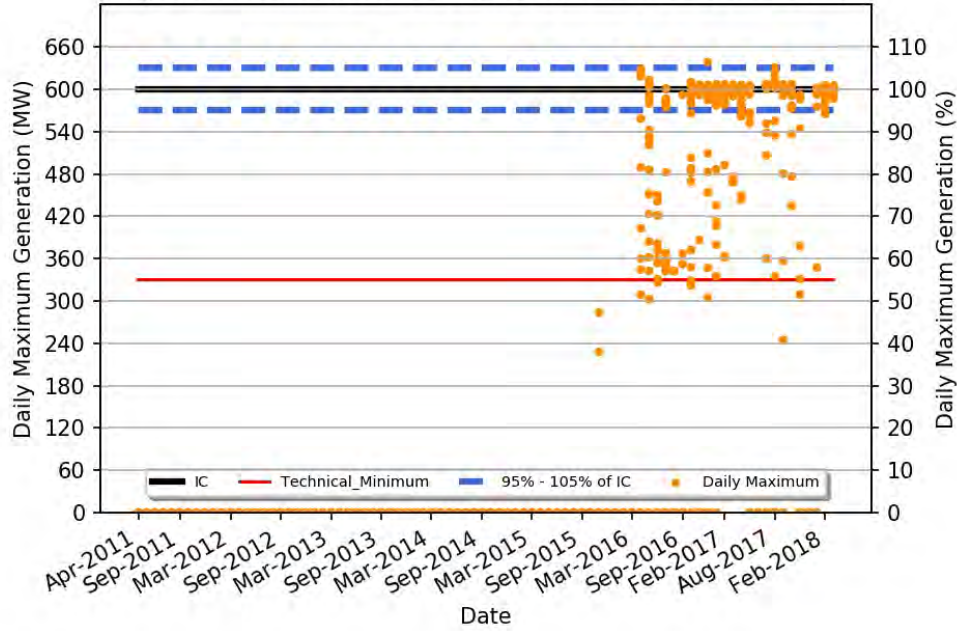


**IL&FS TAMIL NADU PCL UNIT - 1 600 MW**

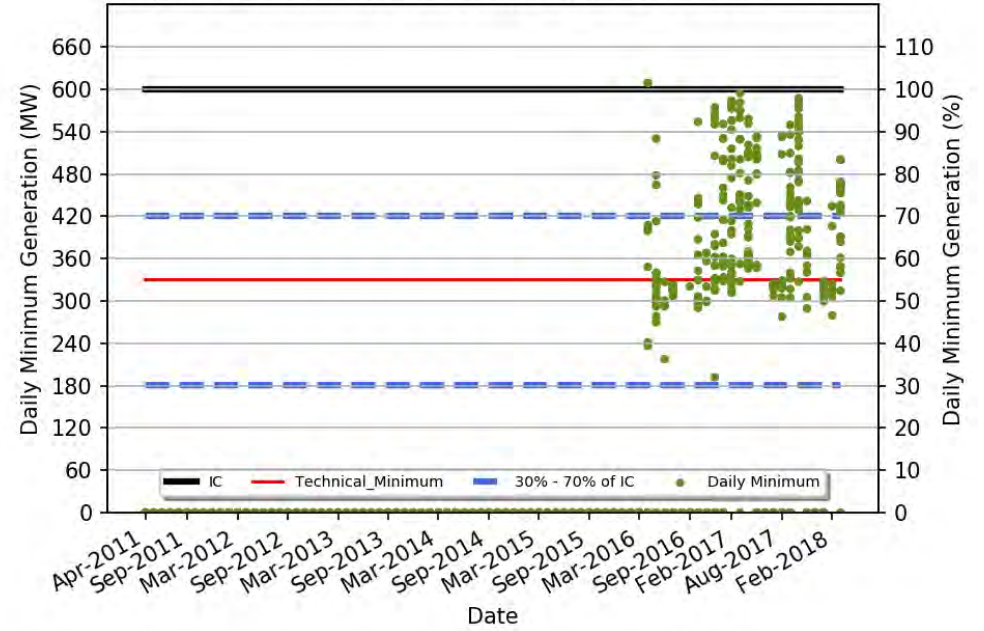
<b>Region</b>	<b>: Southern Region</b>
<b>Number of Days Considered</b>	<b>: 674</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 71 (%)</b>
(% of total days in operation)	
<b>No. Of Days Min Generation Achieved</b>	<b>: 66 (%)</b>
(% of total days in operation)	
<b>Average Flexibility</b>	<b>: 32 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 552</b>
<b>Daily Average (MW)</b>	<b>: 461</b>
<b>Average Daily Min (MW)</b>	<b>: 357</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 92</b>
<b>Daily Average/IC (%)</b>	<b>: 76</b>
<b>Average Daily Min/IC (%)</b>	<b>: 59</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 293</b>



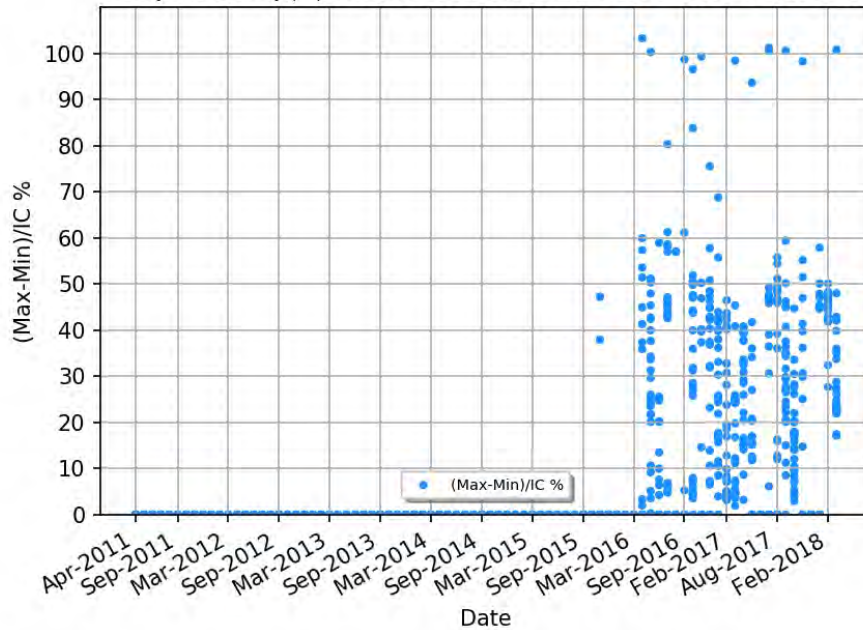
Daily Max Generation : IL&FS TAMILNADU PCL UNIT - 2 600 MW



Daily Min Generation : IL&FS TAMILNADU PCL UNIT - 2 600 MW



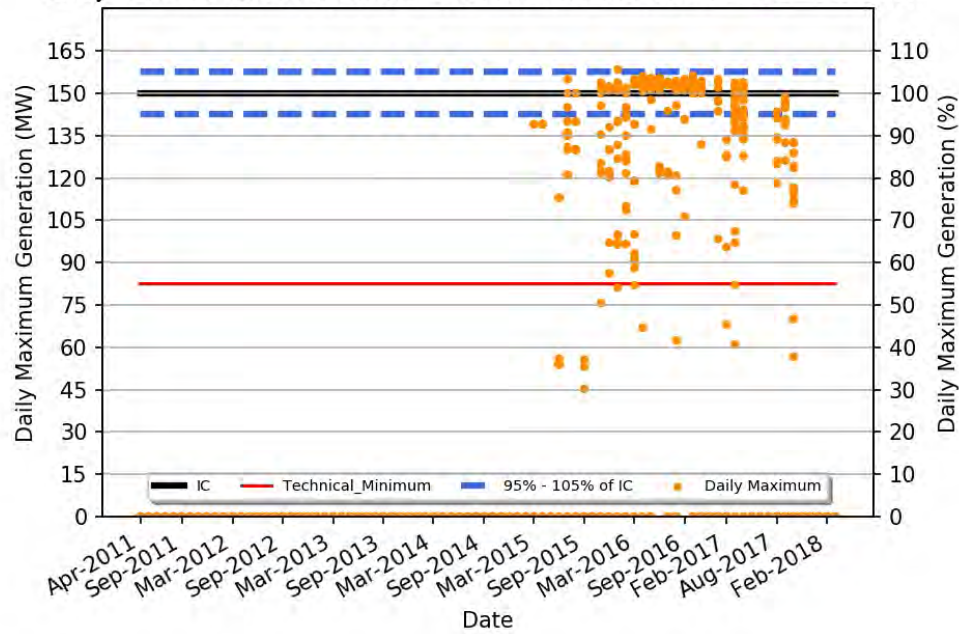
Daily Flexibility(%) : IL&FS TAMILNADU PCL UNIT - 2 600 MW



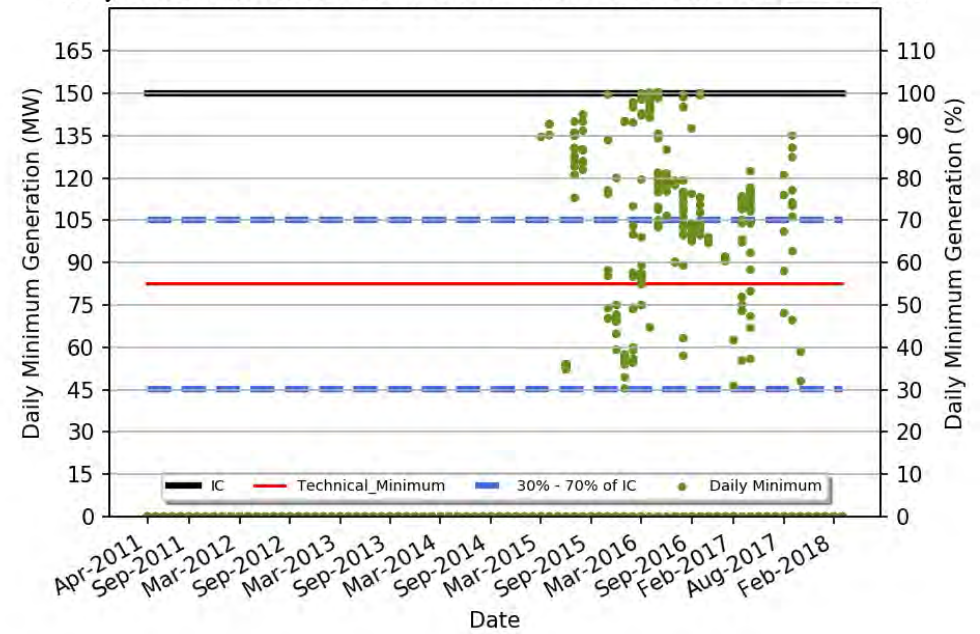
**IL&FS TAMIL NADU PCL UNIT - 2 600 MW**

<b>Region</b>	<b>: Southern Region</b>
<b>Number of Days Considered</b>	<b>: 418</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 76 (%)</b>
(% of total days in operation)	
<b>No. Of Days Min Generation Achieved</b>	<b>: 56 (%)</b>
(% of total days in operation)	
<b>Average Flexibility</b>	<b>: 30 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 560</b>
<b>Daily Average (MW)</b>	<b>: 477</b>
<b>Average Daily Min (MW)</b>	<b>: 374</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 93</b>
<b>Daily Average/IC (%)</b>	<b>: 79</b>
<b>Average Daily Min/IC (%)</b>	<b>: 62</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 293</b>

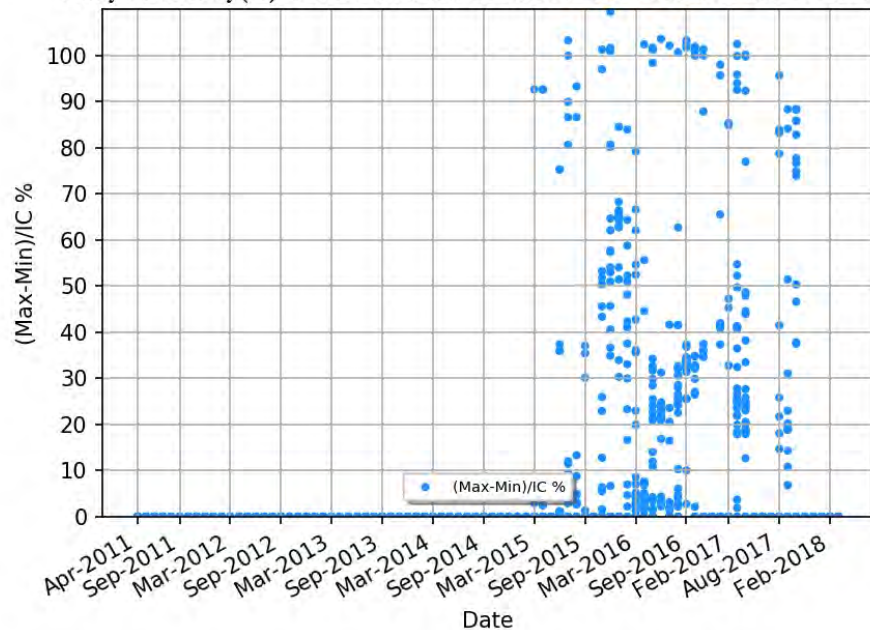
Daily Max Generation : MEENAKSHI ENERGY LIMITED UNIT - 1 150 MW



Daily Min Generation : MEENAKSHI ENERGY LIMITED UNIT - 1 150 MW



Daily Flexibility(%) : MEENAKSHI ENERGY LIMITED UNIT - 1 150 MW

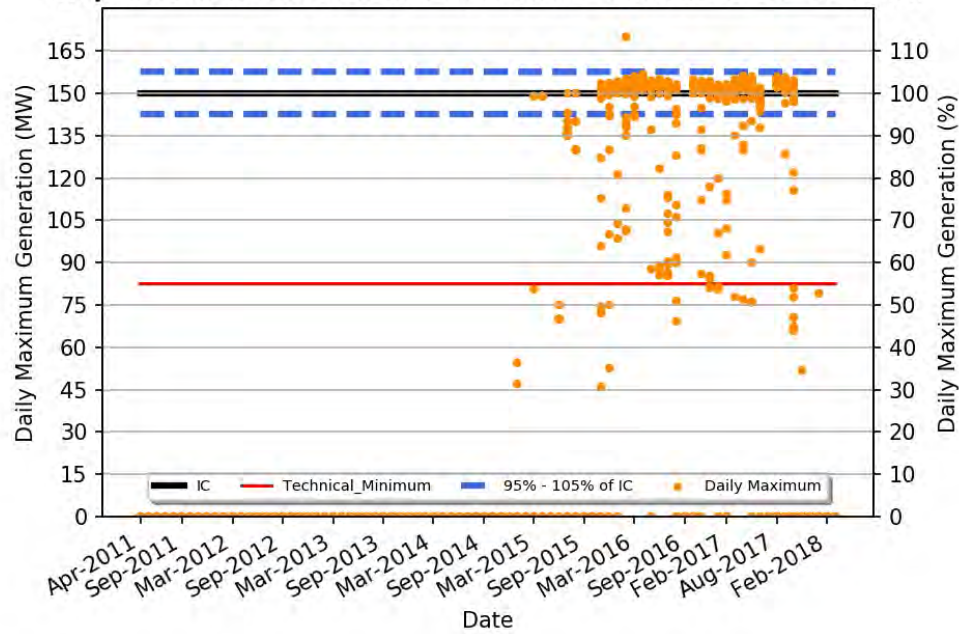


**MEENAKSHI ENERGY LIMITED UNIT - 1 150 MW**

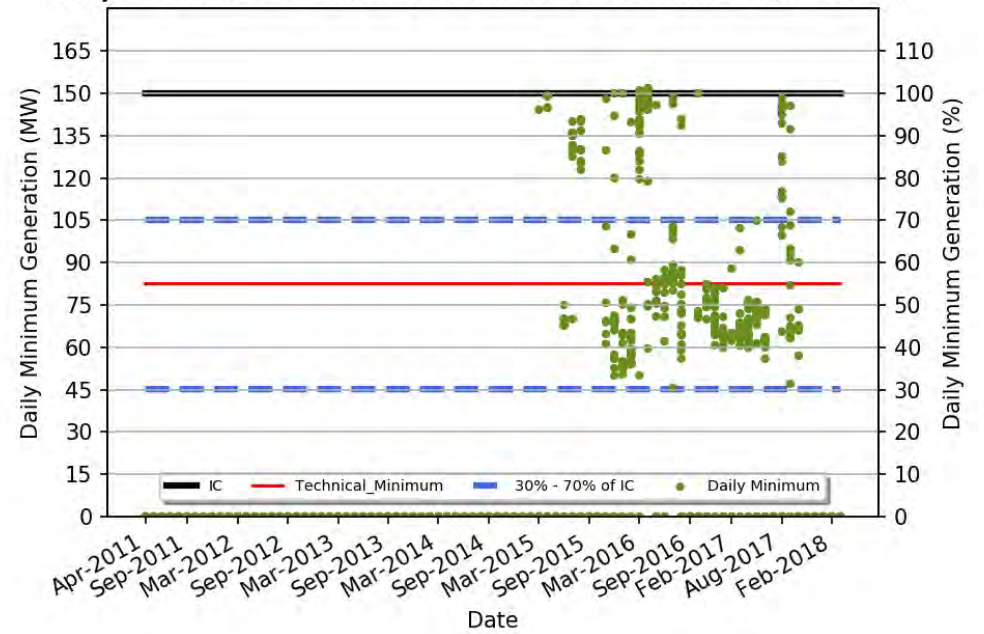
Region	: Southern Region
Number of Days Considered	: 437
No. Of Days Max Generation Achieved	: 54 (%)
(% of total days in operation)	
No. Of Days Min Generation Achieved	: 34 (%)
(% of total days in operation)	
Average Flexibility	: 35 (%)
Average Daily Max (MW)	: 143
Daily Average (MW)	: 123
Average Daily Min (MW)	: 90
Average Daily Max/ IC (%)	: 95
Daily Average/IC (%)	: 82
Average Daily Min/IC (%)	: 60
Variable Charge (Paisa/kWh)	: 239



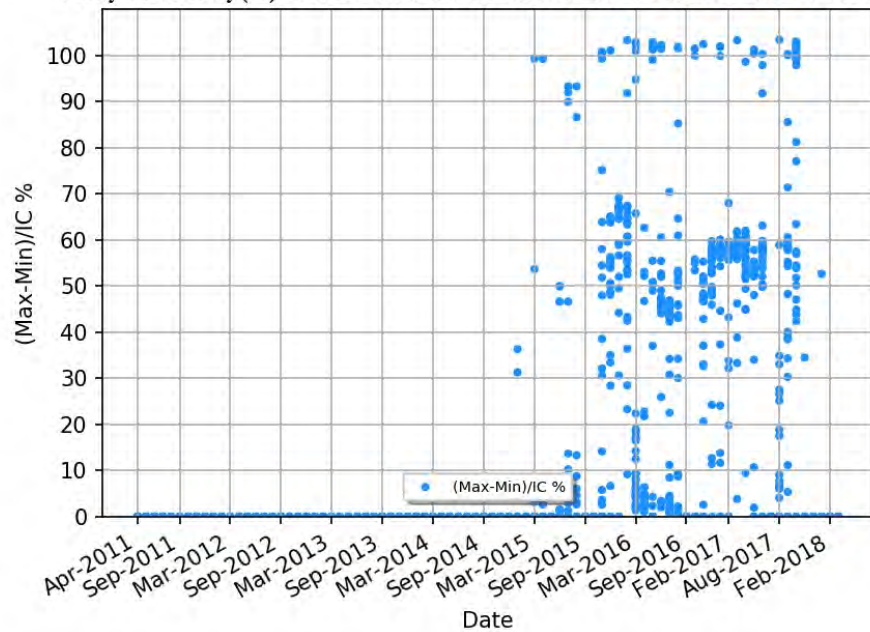
Daily Max Generation : MEENAKSHI ENERGY LIMITED UNIT - 2 150 MW



Daily Min Generation : MEENAKSHI ENERGY LIMITED UNIT - 2 150 MW



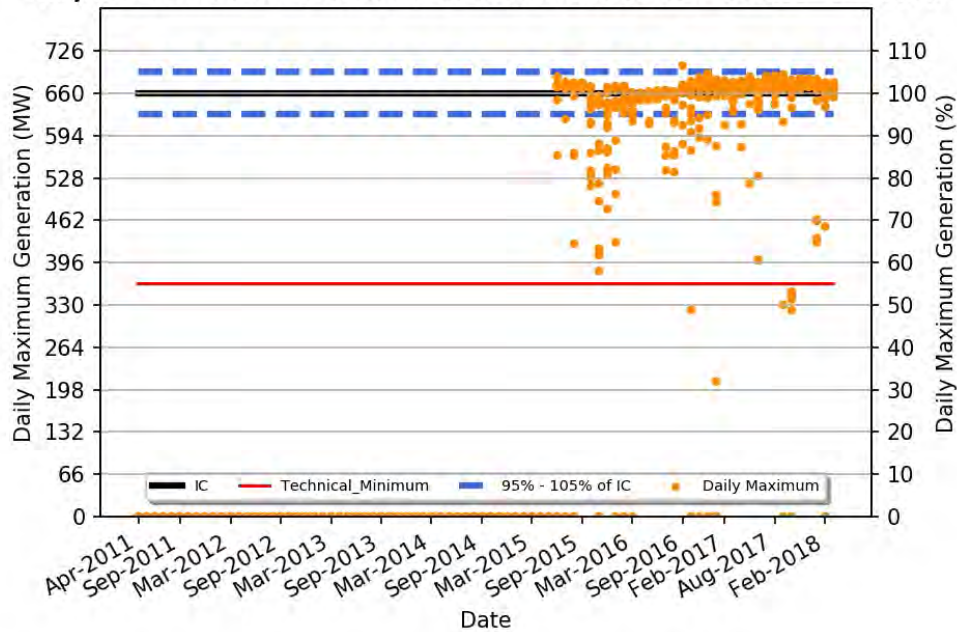
Daily Flexibility(%) : MEENAKSHI ENERGY LIMITED UNIT - 2 150 MW



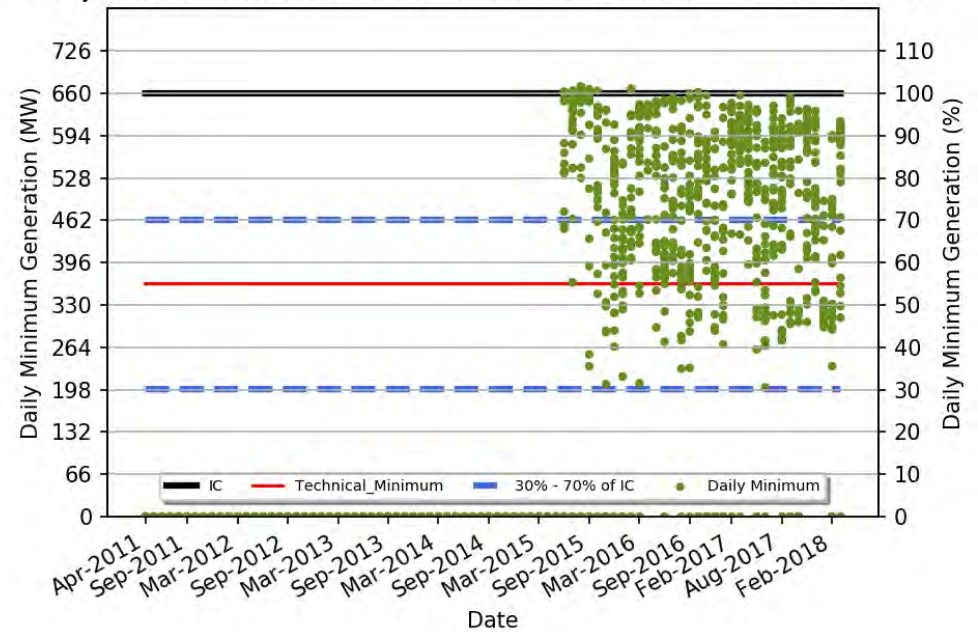
**MEENAKSHI ENERGY LIMITED UNIT - 2 150 MW**

<b>Region</b>	<b>: Southern Region</b>
<b>Number of Days Considered</b>	<b>: 601</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 75 (%)</b>
(% of total days in operation)	
<b>No. Of Days Min Generation Achieved</b>	<b>: 67 (%)</b>
(% of total days in operation)	
<b>Average Flexibility</b>	<b>: 65 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 175</b>
<b>Daily Average (MW)</b>	<b>: 115</b>
<b>Average Daily Min (MW)</b>	<b>: 77</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 117</b>
<b>Daily Average/IC (%)</b>	<b>: 77</b>
<b>Average Daily Min/IC (%)</b>	<b>: 51</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 239</b>

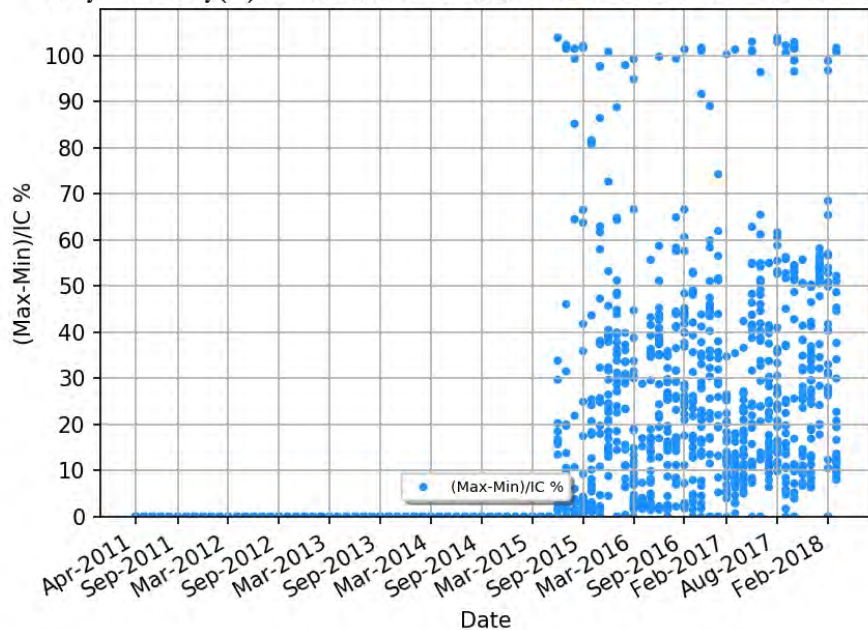
Daily Max Generation : SEMBCORP ENERGY INDIA Ltd P- 1 UNIT - 1 660 MW



Daily Min Generation : SEMBCORP ENERGY INDIA Ltd P- 1 UNIT - 1 660 MW



Daily Flexibility(%) : SEMBCORP ENERGY INDIA Ltd P- 1 UNIT - 1 660 MW

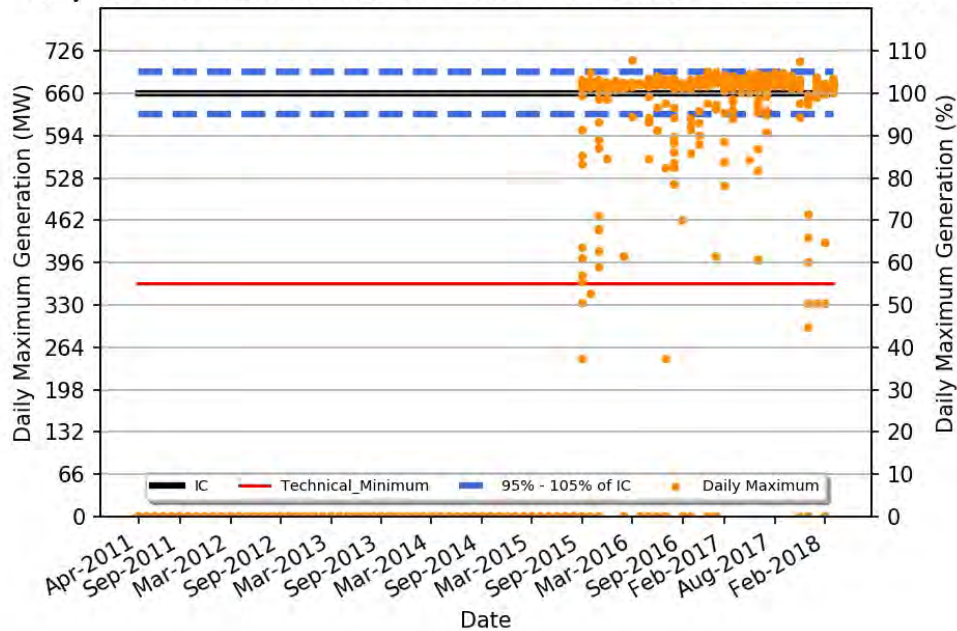


**SEMBCORP ENERGY INDIA Ltd P- 1 UNIT - 1 660 MW**

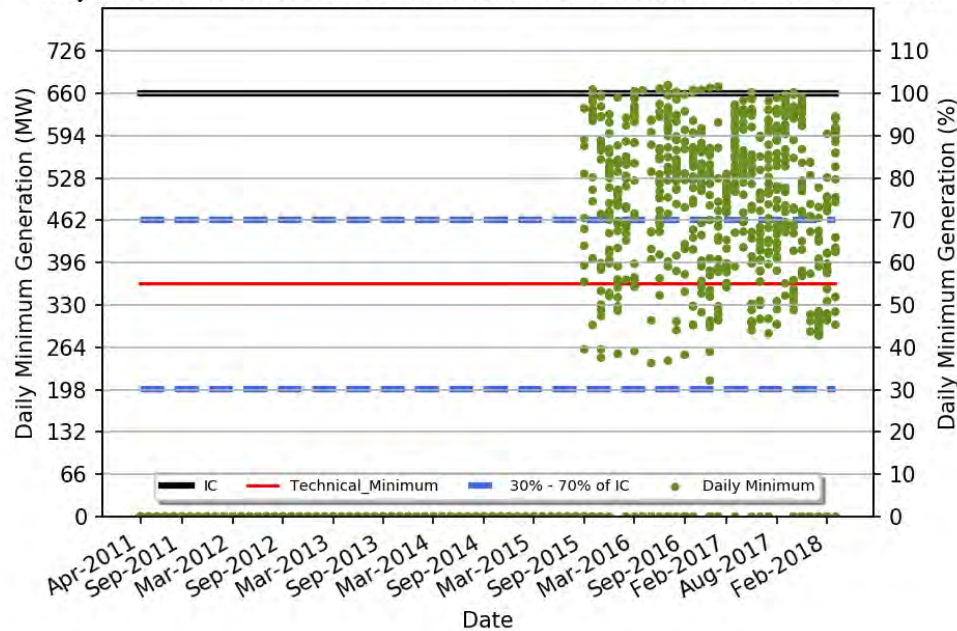
<b>Region</b>	: Southern Region
<b>Number of Days Considered</b>	: 939
<b>No. Of Days Max Generation Achieved</b>	: 91 (%)
(% of total days in operation)	
<b>No. Of Days Min Generation Achieved</b>	: 32 (%)
(% of total days in operation)	
<b>Average Flexibility</b>	: 26 (%)
<b>Average Daily Max (MW)</b>	: 655
<b>Daily Average (MW)</b>	: 601
<b>Average Daily Min (MW)</b>	: 480
<b>Average Daily Max/ IC (%)</b>	: 99
<b>Daily Average/IC (%)</b>	: 91
<b>Average Daily Min/IC (%)</b>	: 72
<b>Variable Charge (Paisa/kWh)</b>	: 221



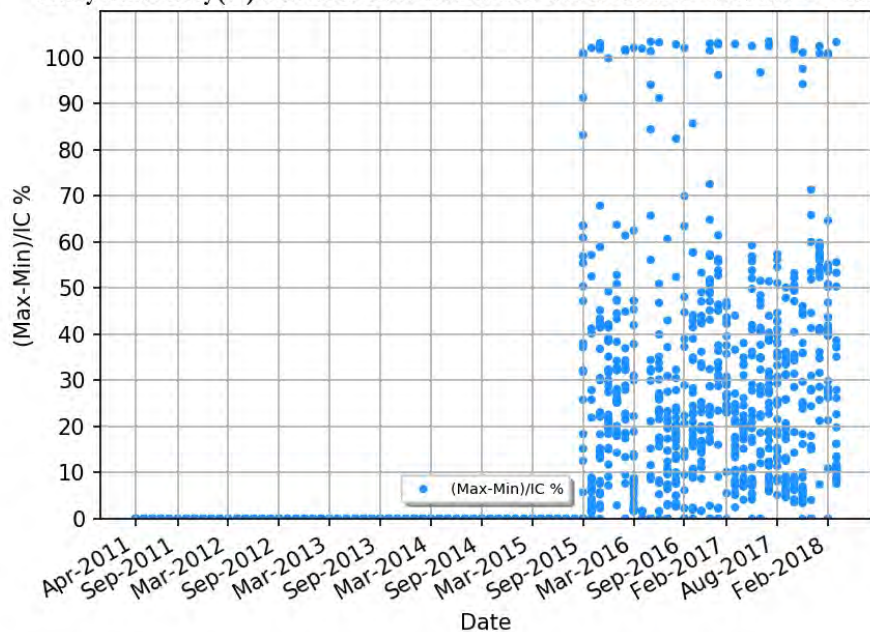
Daily Max Generation : SEMBCORP ENERGY INDIA Ltd P- 1 UNIT - 2 660 MW



Daily Min Generation : SEMBCORP ENERGY INDIA Ltd P- 1 UNIT - 2 660 MW



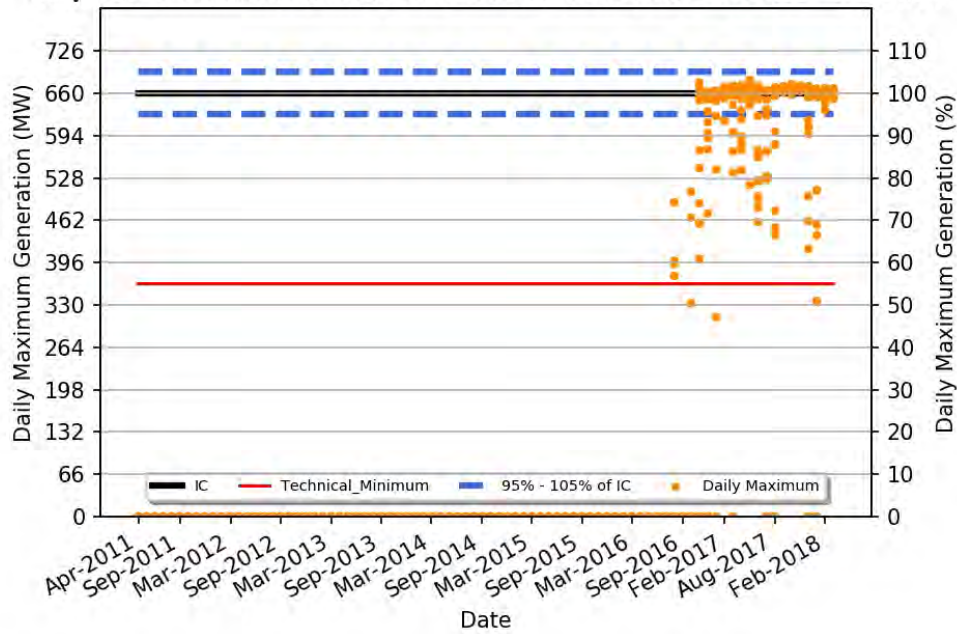
Daily Flexibility(%) : SEMBCORP ENERGY INDIA Ltd P- 1 UNIT - 2 660 MW



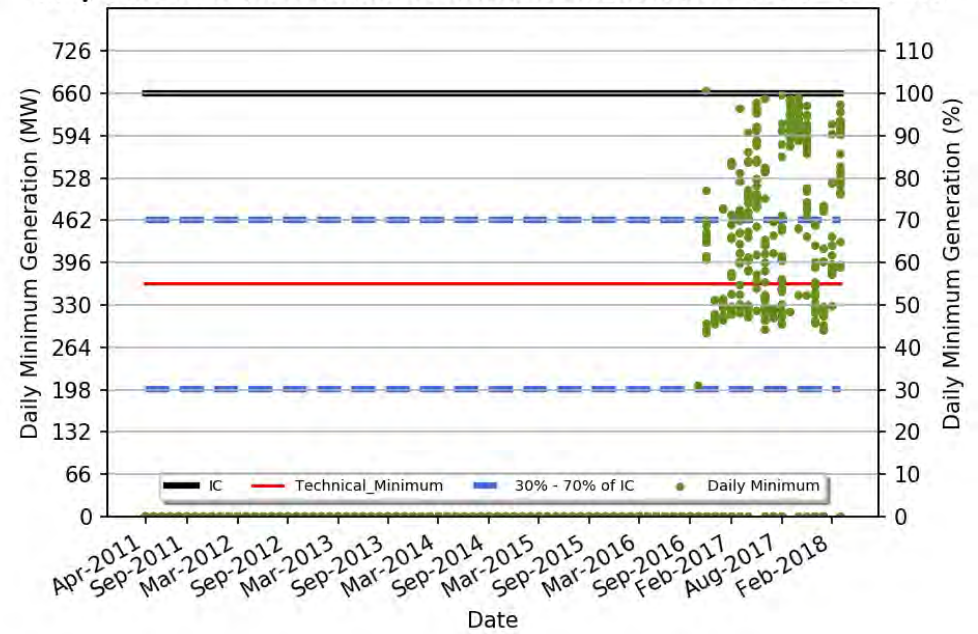
**SEMBCORP ENERGY INDIA Ltd P- 1 UNIT - 2 660 MW**

<b>Region</b>	<b>: Southern Region</b>
<b>Number of Days Considered</b>	<b>: 799</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 94 (%)</b>
(% of total days in operation)	
<b>No. Of Days Min Generation Achieved</b>	<b>: 32 (%)</b>
(% of total days in operation)	
<b>Average Flexibility</b>	<b>: 28 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 665</b>
<b>Daily Average (MW)</b>	<b>: 608</b>
<b>Average Daily Min (MW)</b>	<b>: 475</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 100</b>
<b>Daily Average/IC (%)</b>	<b>: 92</b>
<b>Average Daily Min/IC (%)</b>	<b>: 72</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 221</b>

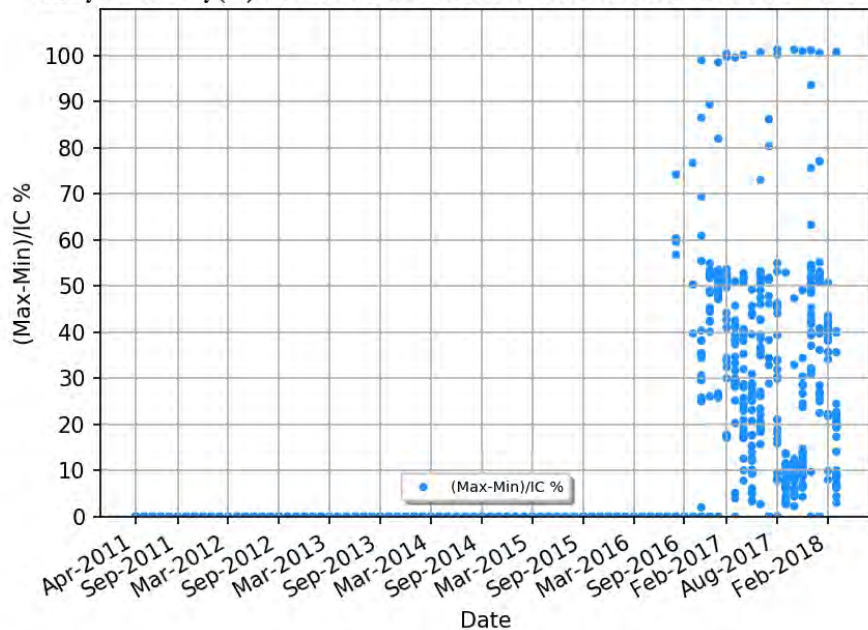
Daily Max Generation : SEMBCORP ENERGY INDIA Ltd P- 2 UNIT - 1 660 MW



Daily Min Generation : SEMBCORP ENERGY INDIA Ltd P- 2 UNIT - 1 660 MW



Daily Flexibility(%) : SEMBCORP ENERGY INDIA Ltd P- 2 UNIT - 1 660 MW

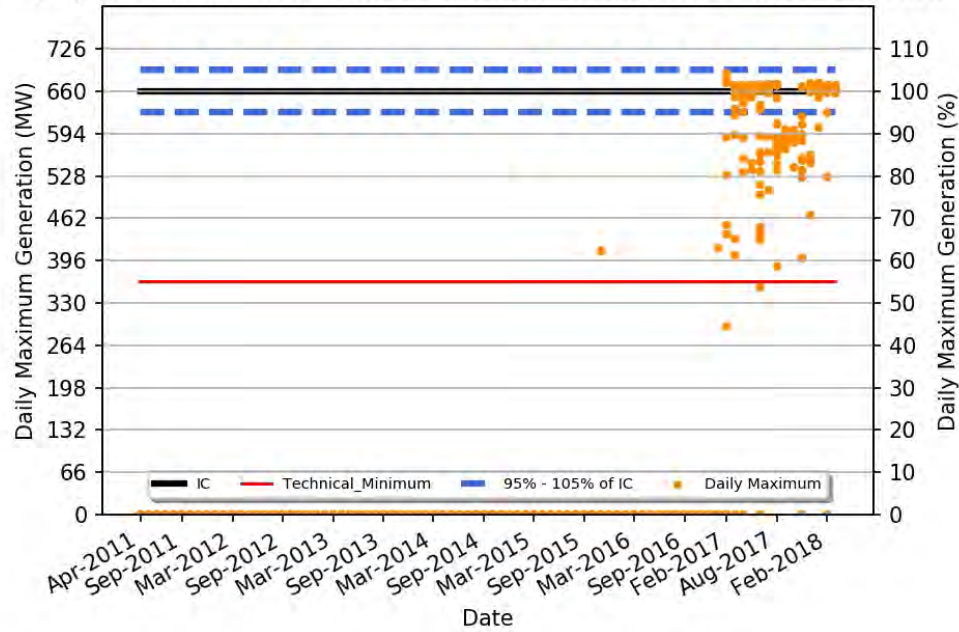


**SEMBCORP ENERGY INDIA Ltd P- 2 UNIT - 1 660 MW**

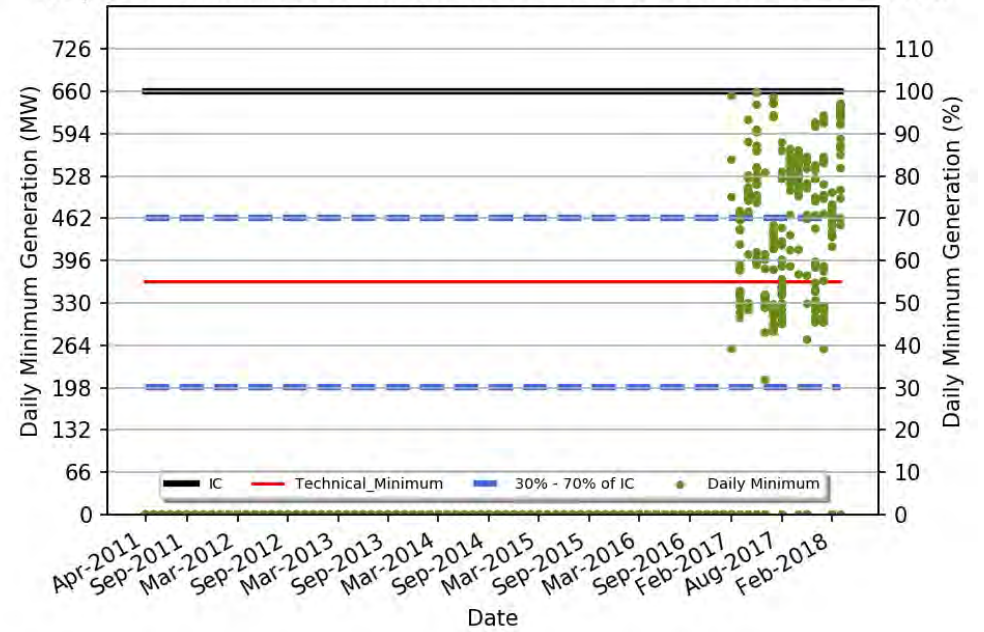
<b>Region</b>	<b>: Southern Region</b>
<b>Number of Days Considered</b>	<b>: 442</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 86 (%)</b>
(% of total days in operation)	
<b>No. Of Days Min Generation Achieved</b>	<b>: 51 (%)</b>
(% of total days in operation)	
<b>Average Flexibility</b>	<b>: 33 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 646</b>
<b>Daily Average (MW)</b>	<b>: 561</b>
<b>Average Daily Min (MW)</b>	<b>: 428</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 97</b>
<b>Daily Average/IC (%)</b>	<b>: 85</b>
<b>Average Daily Min/IC (%)</b>	<b>: 64</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 221</b>



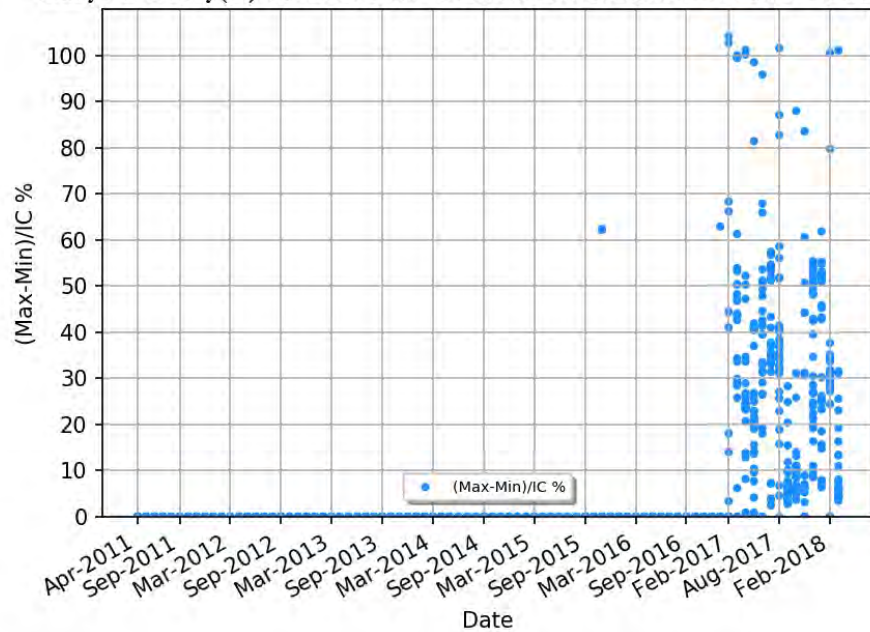
Daily Max Generation : SEMBCORP ENERGY INDIA Ltd P- 2 UNIT - 2 660 MW



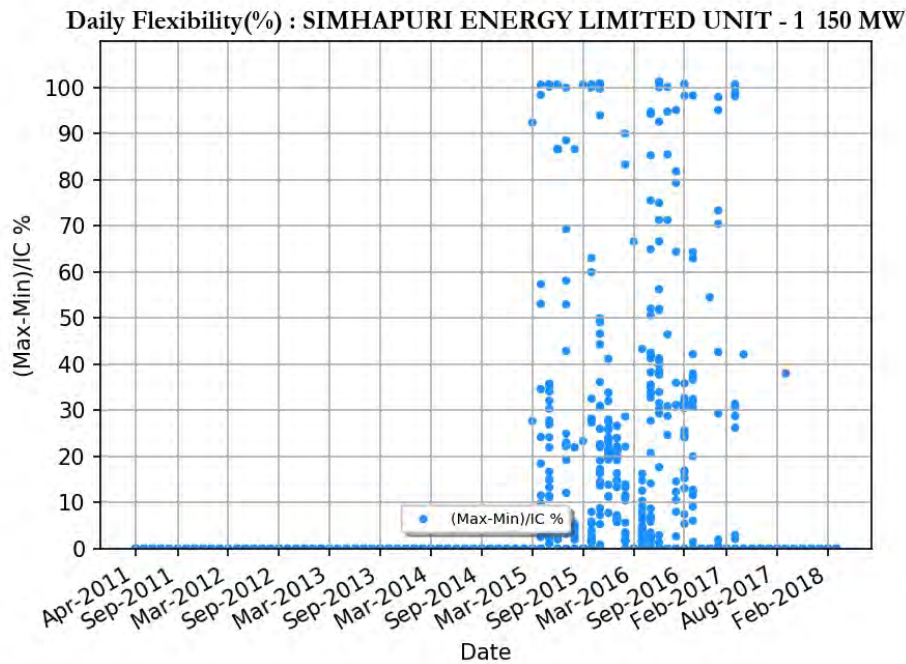
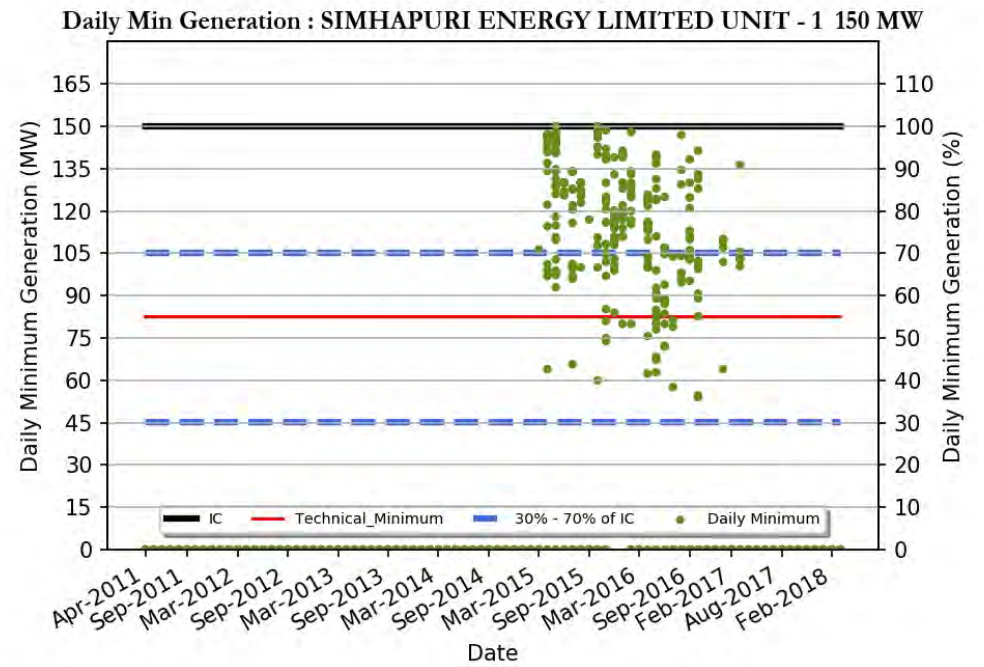
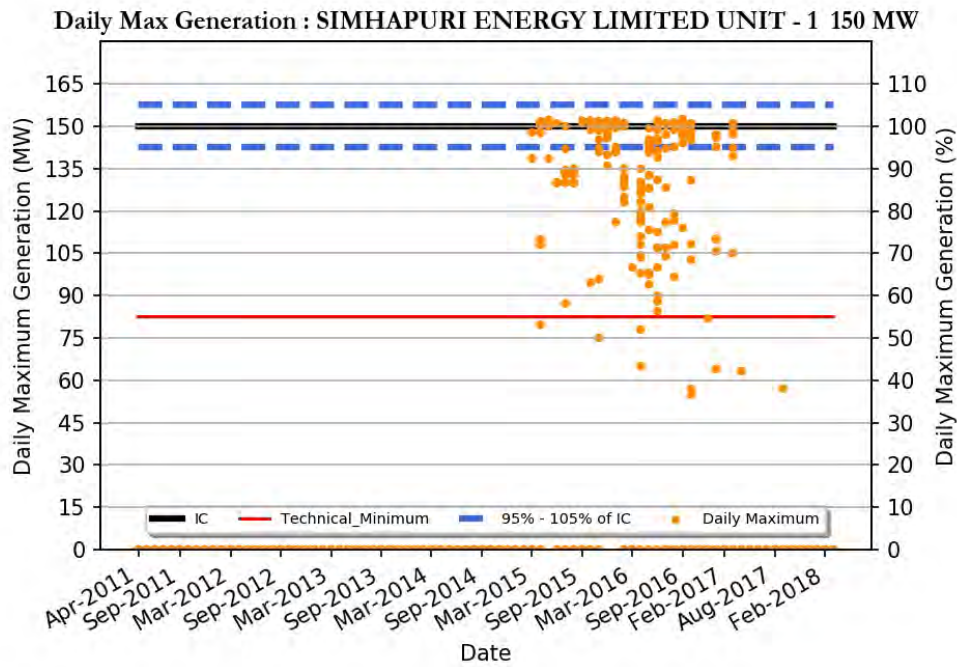
Daily Min Generation : SEMBCORP ENERGY INDIA Ltd P- 2 UNIT - 2 660 MW



Daily Flexibility(%) : SEMBCORP ENERGY INDIA Ltd P- 2 UNIT - 2 660 MW



SEMBCORP ENERGY INDIA Ltd P- 2 UNIT - 2 660 MW	
Region	: Southern Region
Number of Days Considered	: 356
No. Of Days Max Generation Achieved	: 63 (%)
(% of total days in operation)	
No. Of Days Min Generation Achieved	: 43 (%)
(% of total days in operation)	
Average Flexibility	: 29 (%)
Average Daily Max (MW)	: 628
Daily Average (MW)	: 556
Average Daily Min (MW)	: 431
Average Daily Max/ IC (%)	: 95
Daily Average/IC (%)	: 84
Average Daily Min/IC (%)	: 65
Variable Charge (Paisa/kWh)	: 221

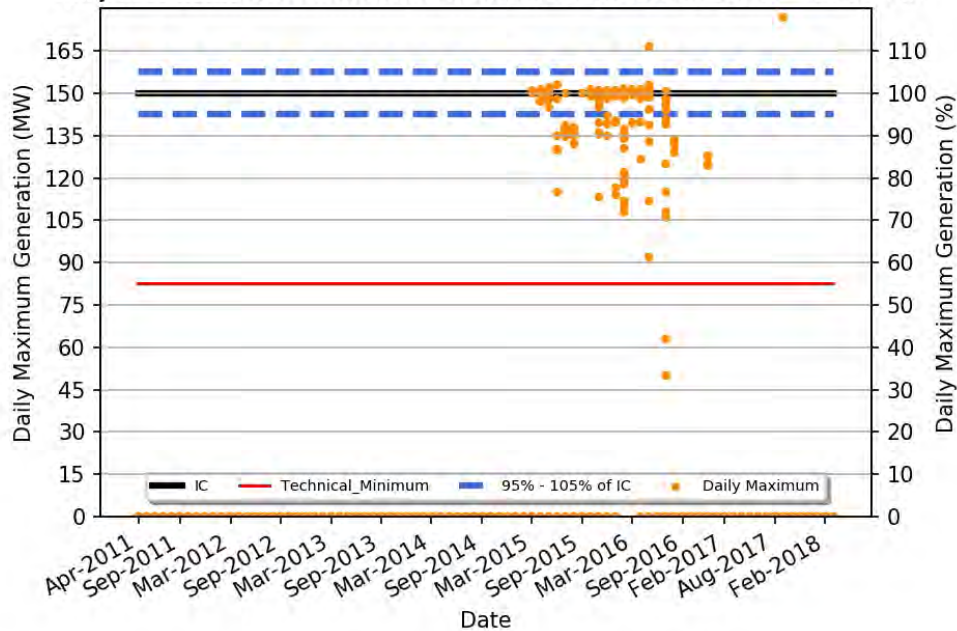


**SIMHAPURI ENERGY LIMITED UNIT - 1 150 MW**

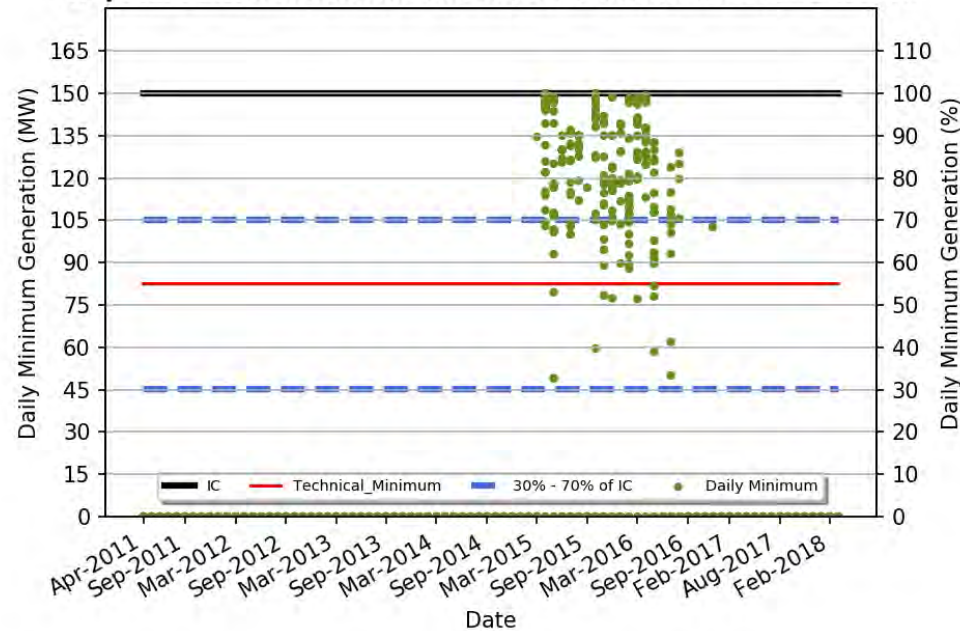
<b>Region</b>	<b>: Southern Region</b>
<b>Number of Days Considered</b>	<b>: 392</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 58 (%)</b>
(% of total days in operation)	
<b>No. Of Days Min Generation Achieved</b>	<b>: 26 (%)</b>
(% of total days in operation)	
<b>Average Flexibility</b>	<b>: 27 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 140</b>
<b>Daily Average (MW)</b>	<b>: 126</b>
<b>Average Daily Min (MW)</b>	<b>: 100</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 93</b>
<b>Daily Average/IC (%)</b>	<b>: 84</b>
<b>Average Daily Min/IC (%)</b>	<b>: 66</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 239</b>



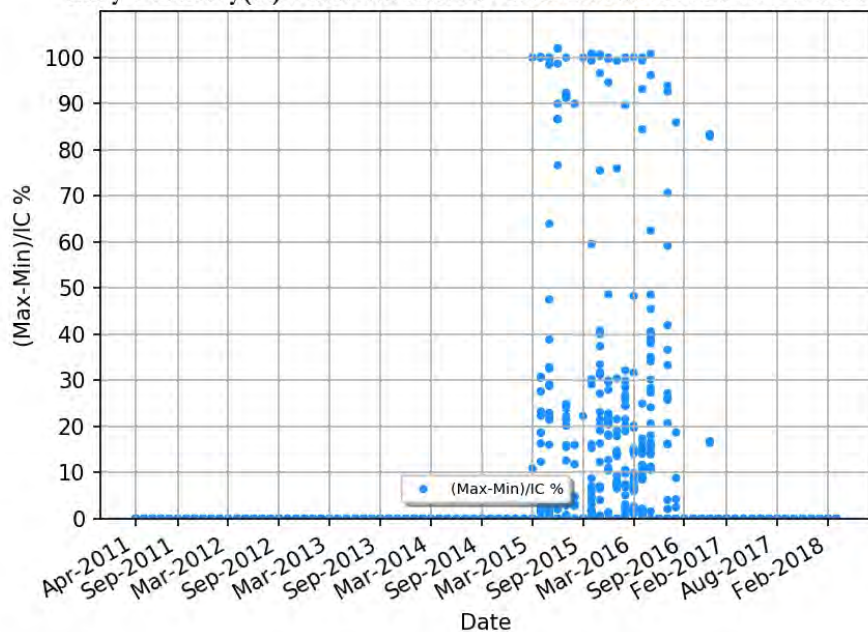
Daily Max Generation : SIMHAPURI ENERGY LIMITED UNIT - 2 150 MW



Daily Min Generation : SIMHAPURI ENERGY LIMITED UNIT - 2 150 MW



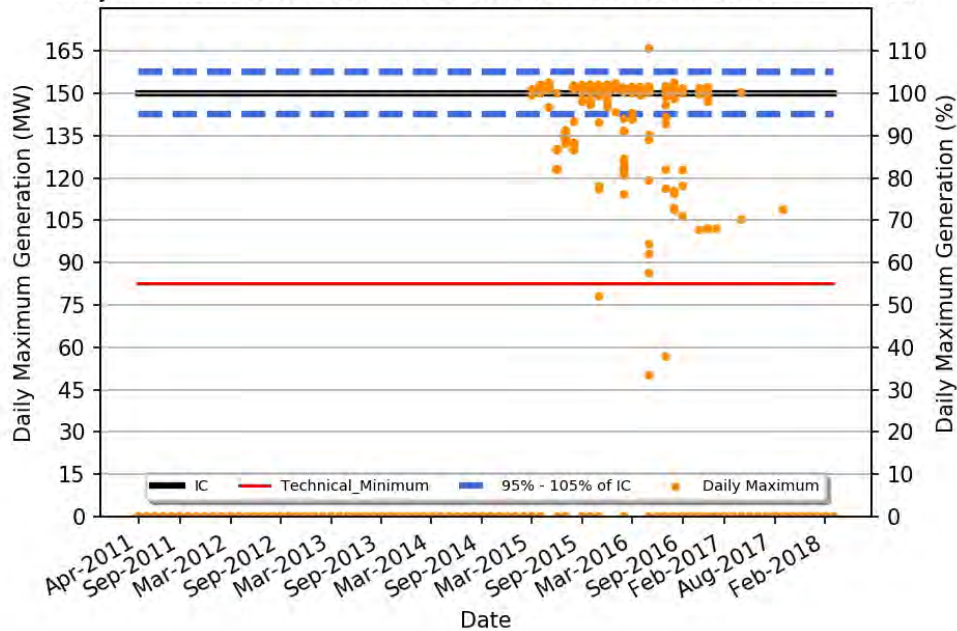
Daily Flexibility(%) : SIMHAPURI ENERGY LIMITED UNIT - 2 150 MW



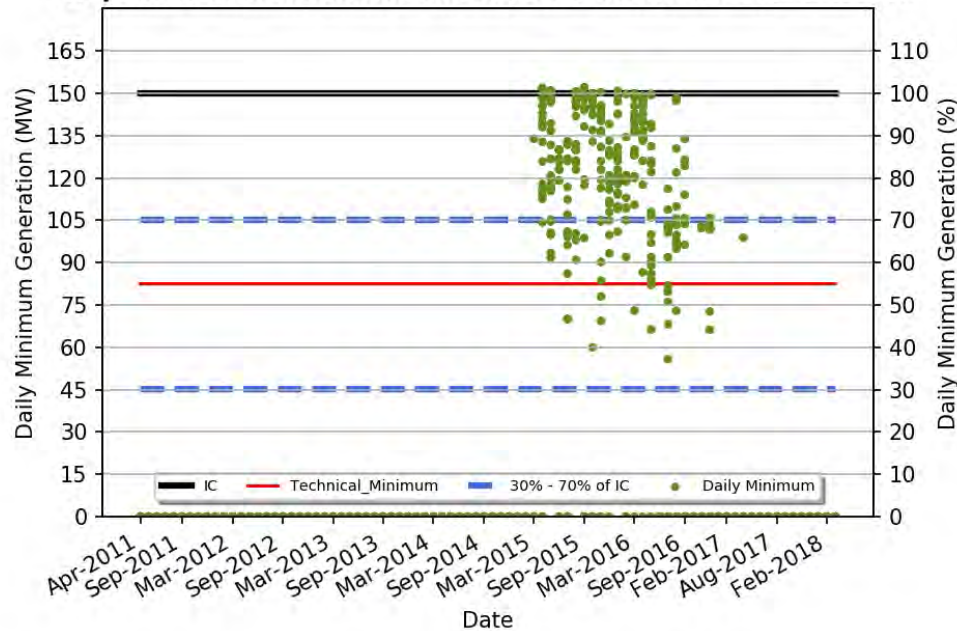
**SIMHAPURI ENERGY LIMITED UNIT - 2 150 MW**

<b>Region</b>	<b>: Southern Region</b>
<b>Number of Days Considered</b>	<b>: 358</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 67 (%)</b>
(% of total days in operation)	
<b>No. Of Days Min Generation Achieved</b>	<b>: 14 (%)</b>
(% of total days in operation)	
<b>Average Flexibility</b>	<b>: 29 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 149</b>
<b>Daily Average (MW)</b>	<b>: 134</b>
<b>Average Daily Min (MW)</b>	<b>: 105</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 99</b>
<b>Daily Average/IC (%)</b>	<b>: 89</b>
<b>Average Daily Min/IC (%)</b>	<b>: 70</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 239</b>

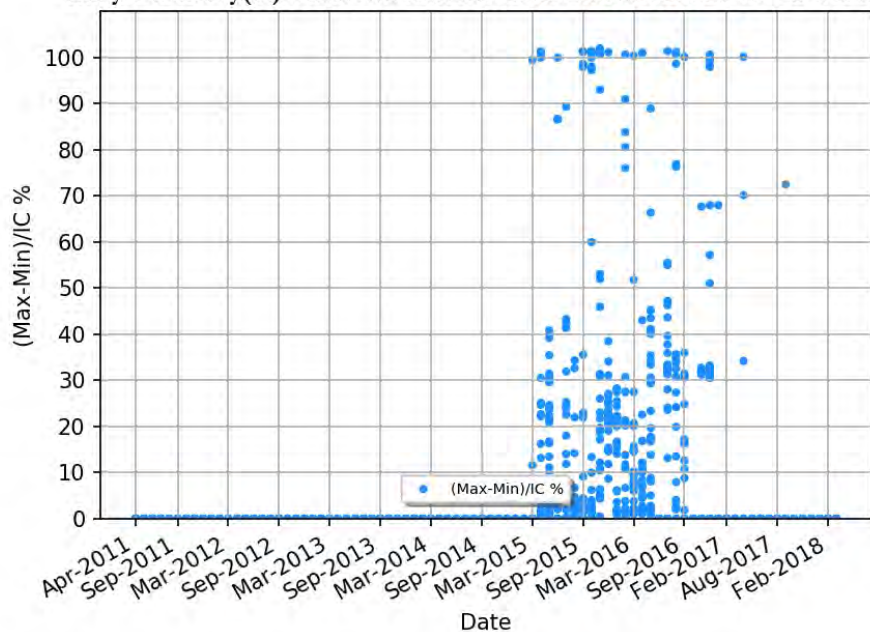
Daily Max Generation : SIMHAPURI ENERGY LIMITED UNIT - 3 150 MW



Daily Min Generation : SIMHAPURI ENERGY LIMITED UNIT - 3 150 MW



Daily Flexibility(%) : SIMHAPURI ENERGY LIMITED UNIT - 3 150 MW

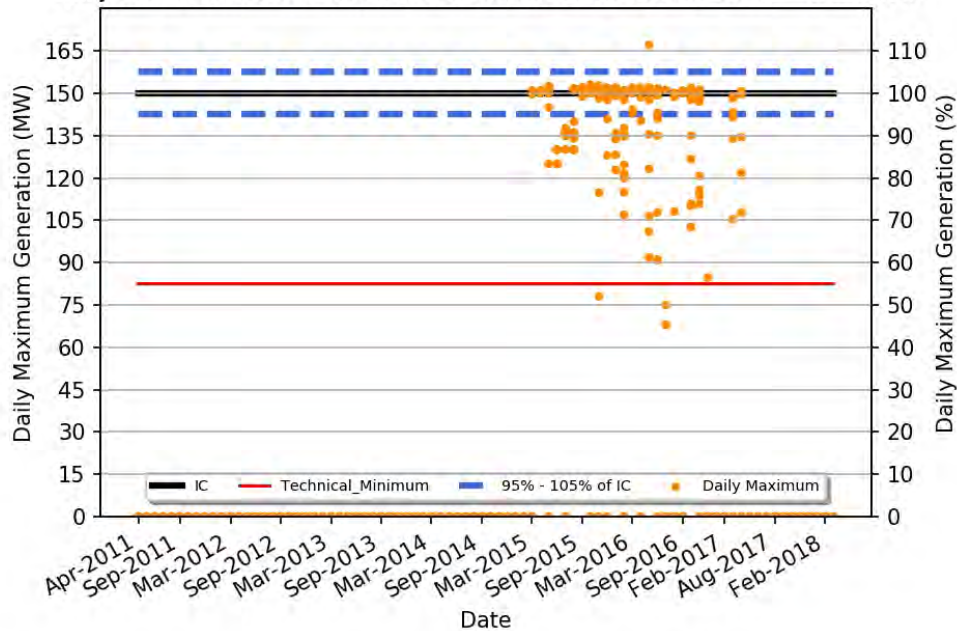


**SIMHAPURI ENERGY LIMITED UNIT - 3 150 MW**

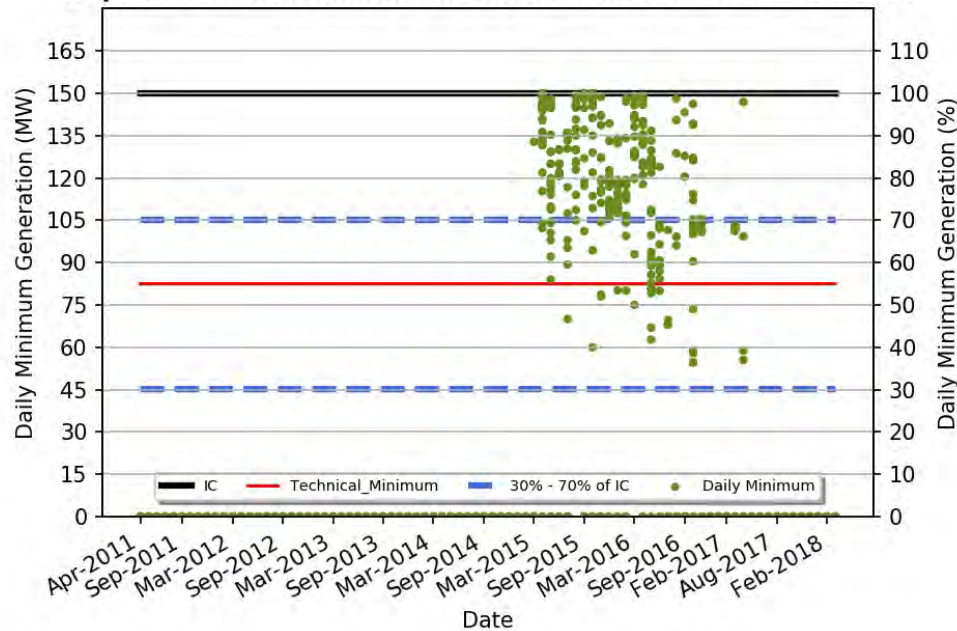
<b>Region</b>	<b>: Southern Region</b>
<b>Number of Days Considered</b>	<b>: 466</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 78 (%)</b>
(% of total days in operation)	
<b>No. Of Days Min Generation Achieved</b>	<b>: 21 (%)</b>
(% of total days in operation)	
<b>Average Flexibility</b>	<b>: 26 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 149</b>
<b>Daily Average (MW)</b>	<b>: 134</b>
<b>Average Daily Min (MW)</b>	<b>: 110</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 99</b>
<b>Daily Average/IC (%)</b>	<b>: 89</b>
<b>Average Daily Min/IC (%)</b>	<b>: 73</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 239</b>



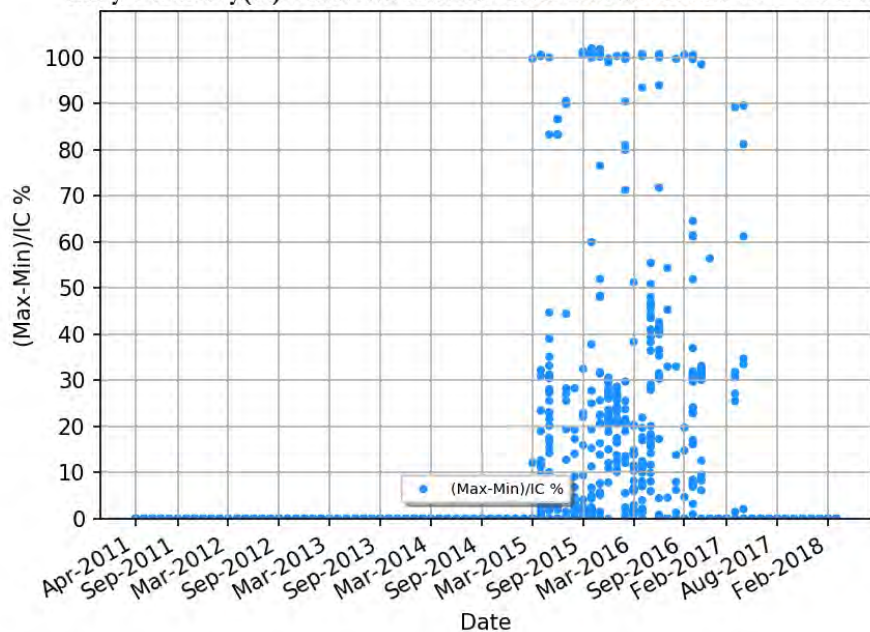
Daily Max Generation : SIMHAPURI ENERGY LIMITED UNIT - 4 150 MW



Daily Min Generation : SIMHAPURI ENERGY LIMITED UNIT - 4 150 MW



Daily Flexibility(%) : SIMHAPURI ENERGY LIMITED UNIT - 4 150 MW



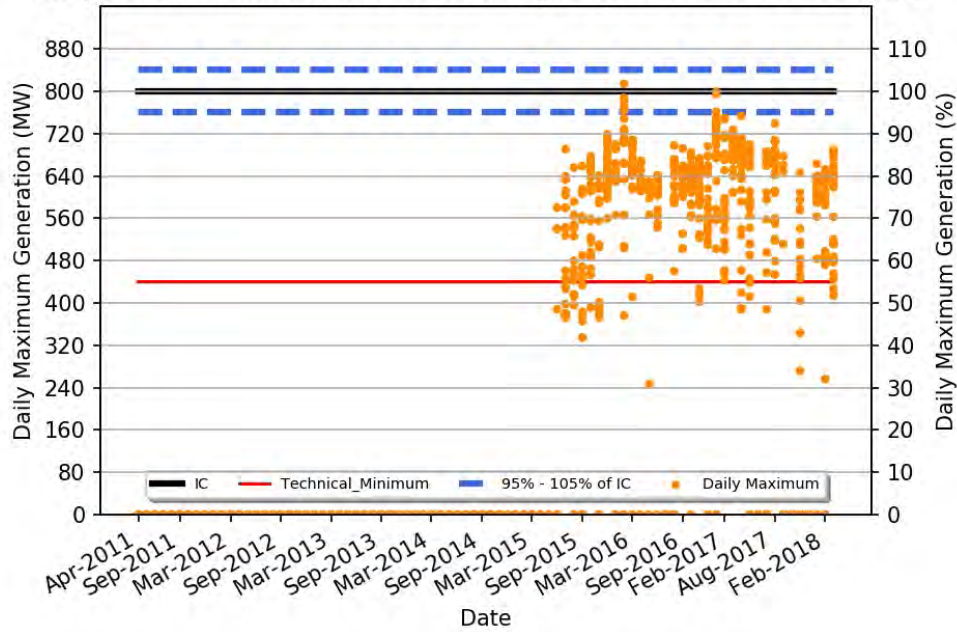
**SIMHAPURI ENERGY LIMITED UNIT - 4 150 MW**

<b>Region</b>	<b>: Southern Region</b>
<b>Number of Days Considered</b>	<b>: 492</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 76 (%)</b>
(% of total days in operation)	
<b>No. Of Days Min Generation Achieved</b>	<b>: 23 (%)</b>
(% of total days in operation)	
<b>Average Flexibility</b>	<b>: 25 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 145</b>
<b>Daily Average (MW)</b>	<b>: 132</b>
<b>Average Daily Min (MW)</b>	<b>: 107</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 97</b>
<b>Daily Average/IC (%)</b>	<b>: 88</b>
<b>Average Daily Min/IC (%)</b>	<b>: 71</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 239</b>

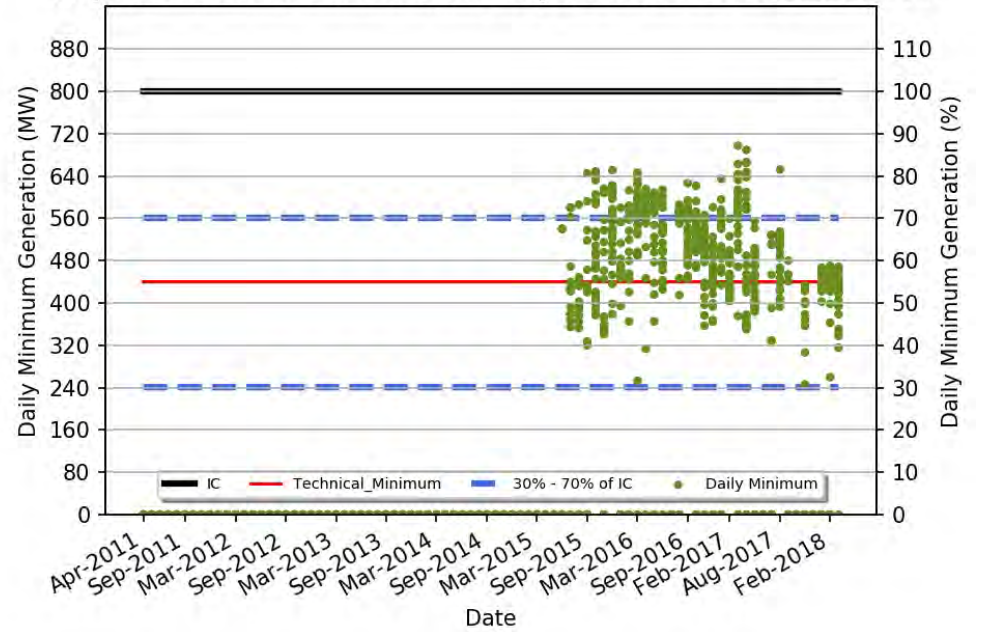
# ANDHRA PRADESH



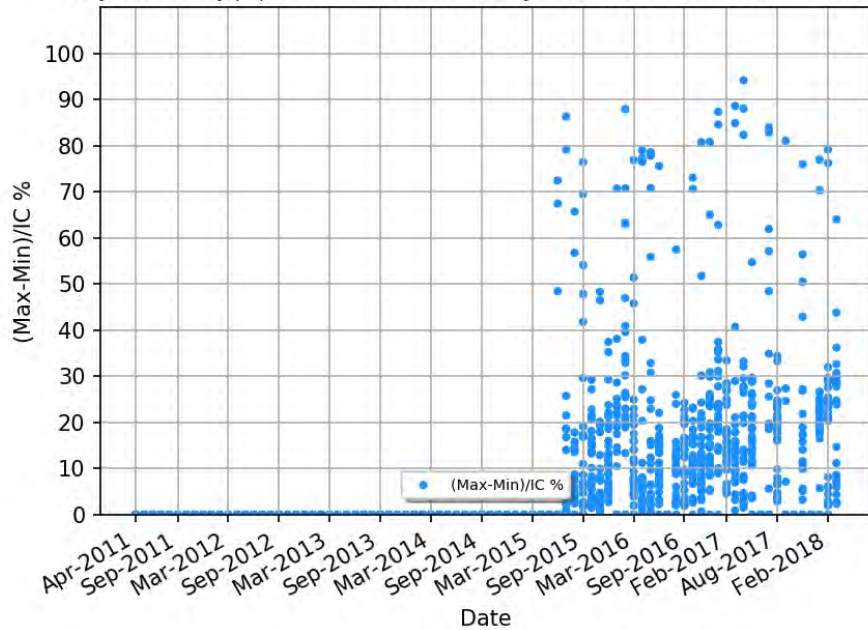
Daily Max Generation : DAMODARAM SANJEEVAIAH TPS UNIT - 1 800 MW



Daily Min Generation : DAMODARAM SANJEEVAIAH TPS UNIT - 1 800 MW



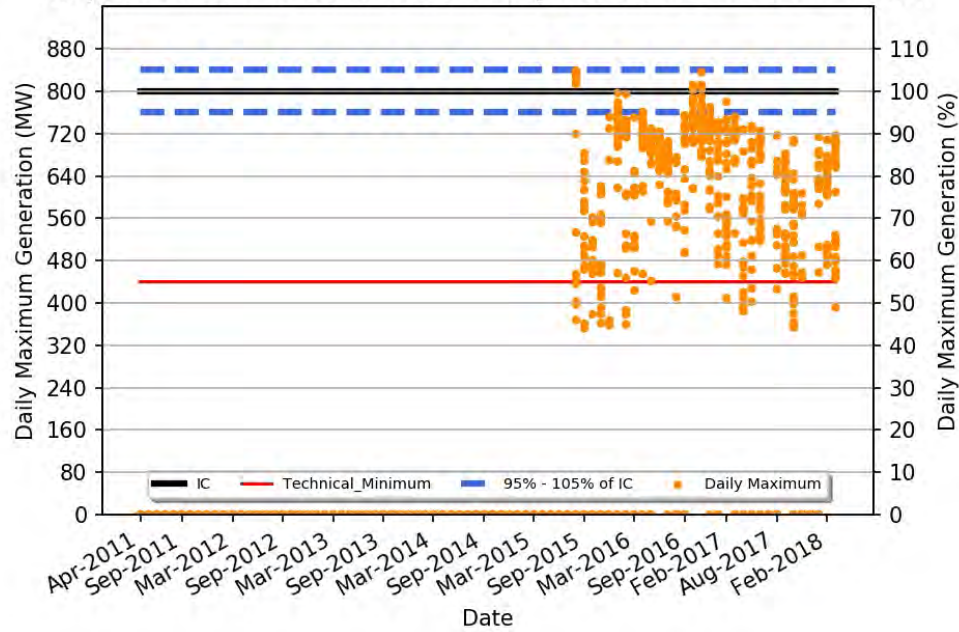
Daily Flexibility(%): DAMODARAM SANJEEVAIAH TPS UNIT - 1 800 MW



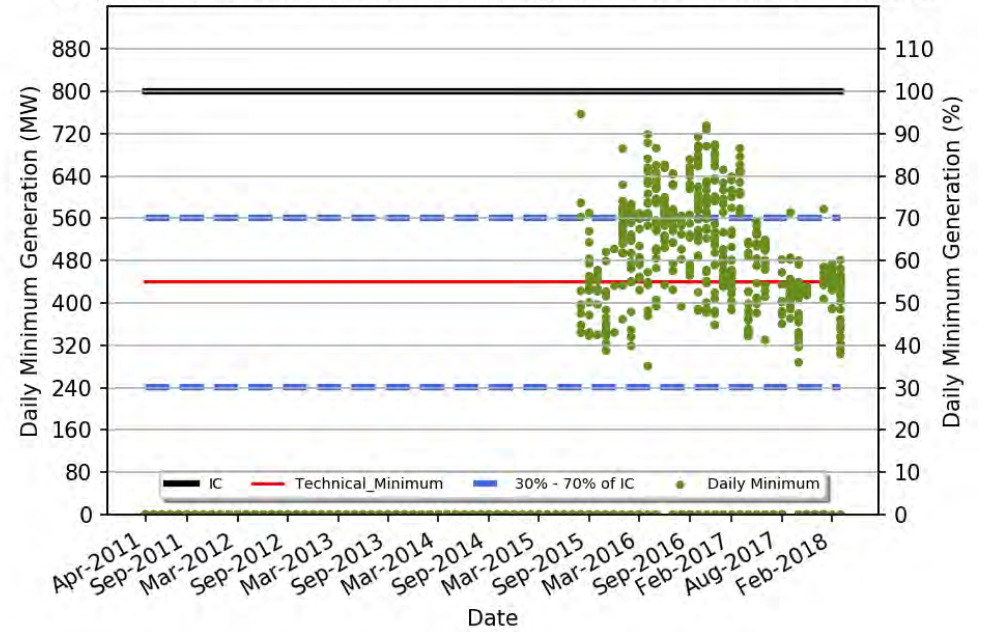
**DAMODARAM SANJEEVAIAH TPS UNIT - 1 800 MW**

<b>Region</b>	<b>: Southern Region</b>
<b>Number of Days Considered</b>	<b>: 709</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 1 (%)</b>
(% of total days in operation)	
<b>No. Of Days Min Generation Achieved</b>	<b>: 69 (%)</b>
(% of total days in operation)	
<b>Average Flexibility</b>	<b>: 18 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 606</b>
<b>Daily Average (MW)</b>	<b>: 541</b>
<b>Average Daily Min (MW)</b>	<b>: 461</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 75</b>
<b>Daily Average/IC (%)</b>	<b>: 67</b>
<b>Average Daily Min/IC (%)</b>	<b>: 57</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 285</b>

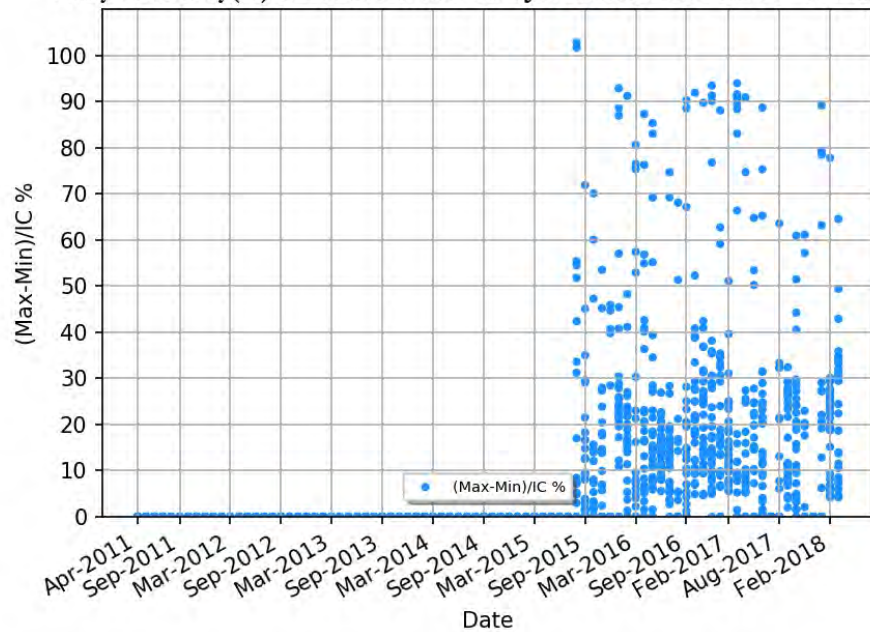
Daily Max Generation : DAMODARAM SANJEEVAIAH TPS UNIT - 2 800 MW



Daily Min Generation : DAMODARAM SANJEEVAIAH TPS UNIT - 2 800 MW



Daily Flexibility(%): DAMODARAM SANJEEVAIAH TPS UNIT - 2 800 MW

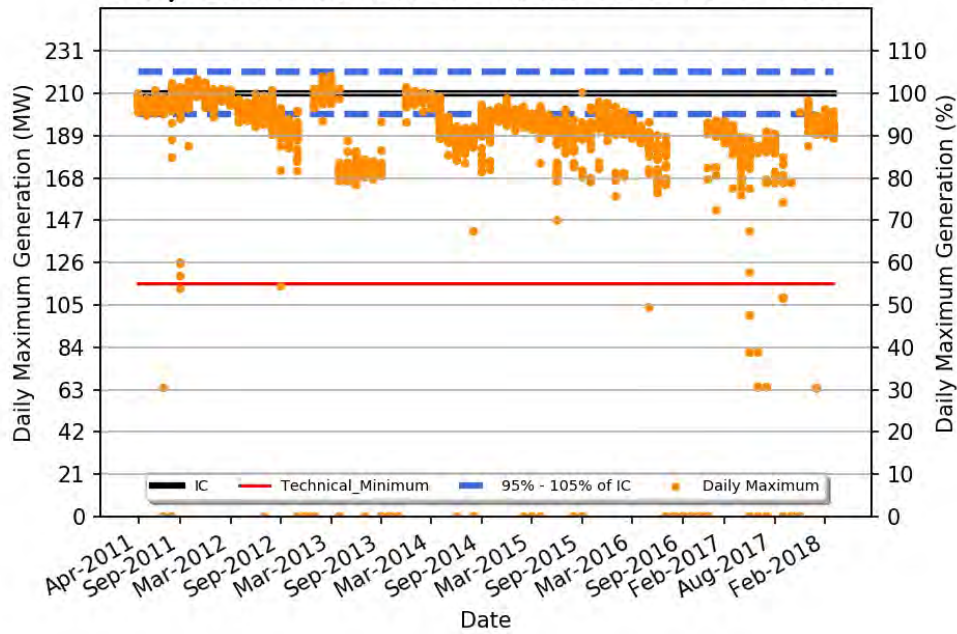


**DAMODARAM SANJEEVAIAH TPS UNIT - 2 800 MW**

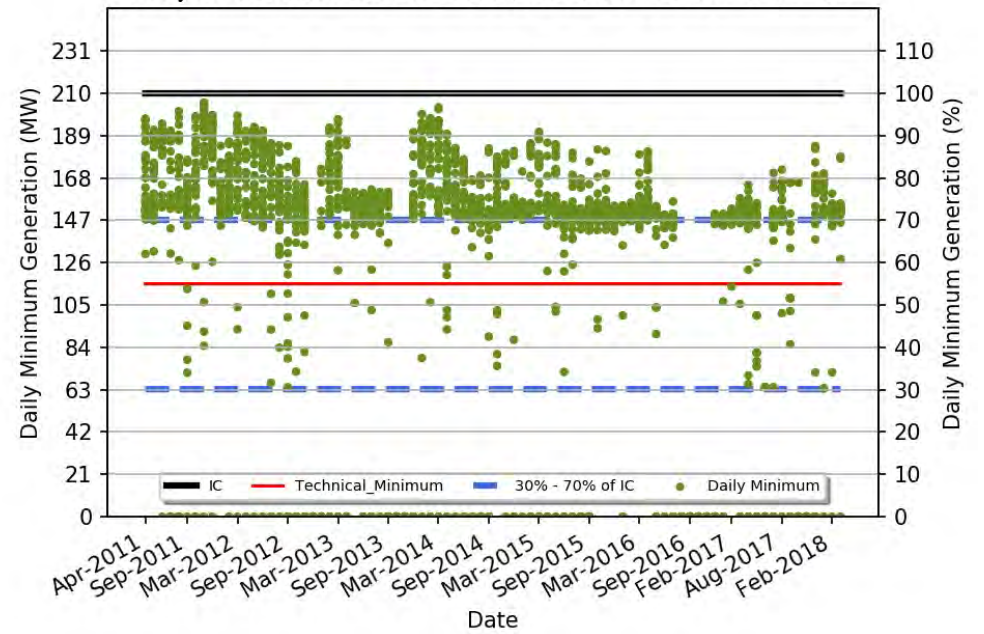
<b>Region</b>	<b>: Southern Region</b>
<b>Number of Days Considered</b>	<b>: 633</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 5 (%)</b>
(% of total days in operation)	
<b>No. Of Days Min Generation Achieved</b>	<b>: 64 (%)</b>
(% of total days in operation)	
<b>Average Flexibility</b>	<b>: 22 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 634</b>
<b>Daily Average (MW)</b>	<b>: 552</b>
<b>Average Daily Min (MW)</b>	<b>: 452</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 79</b>
<b>Daily Average/IC (%)</b>	<b>: 69</b>
<b>Average Daily Min/IC (%)</b>	<b>: 56</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 285</b>



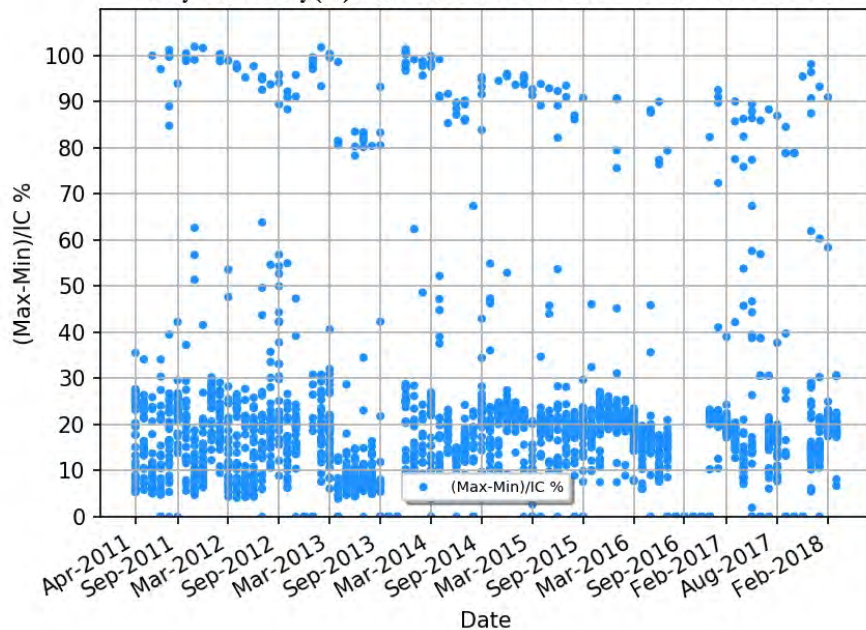
Daily Max Generation : Dr. N.TATA RAO TPS UNIT - 1 210 MW



Daily Min Generation : Dr. N.TATA RAO TPS UNIT - 1 210 MW



Daily Flexibility(%) : Dr. N.TATA RAO TPS UNIT - 1 210 MW

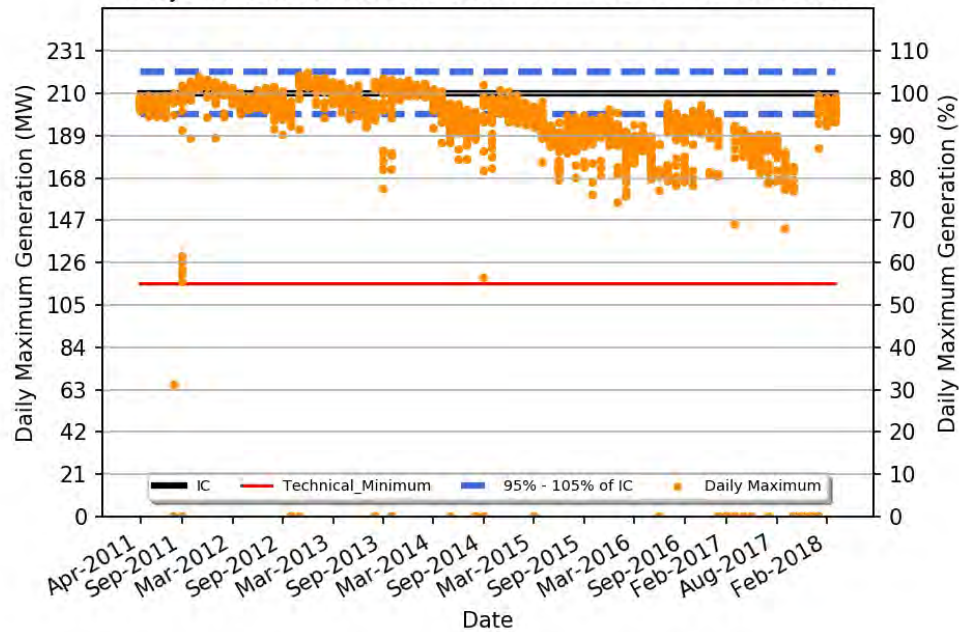


**Dr. N.TATA RAO TPS UNIT - 1 210 MW**

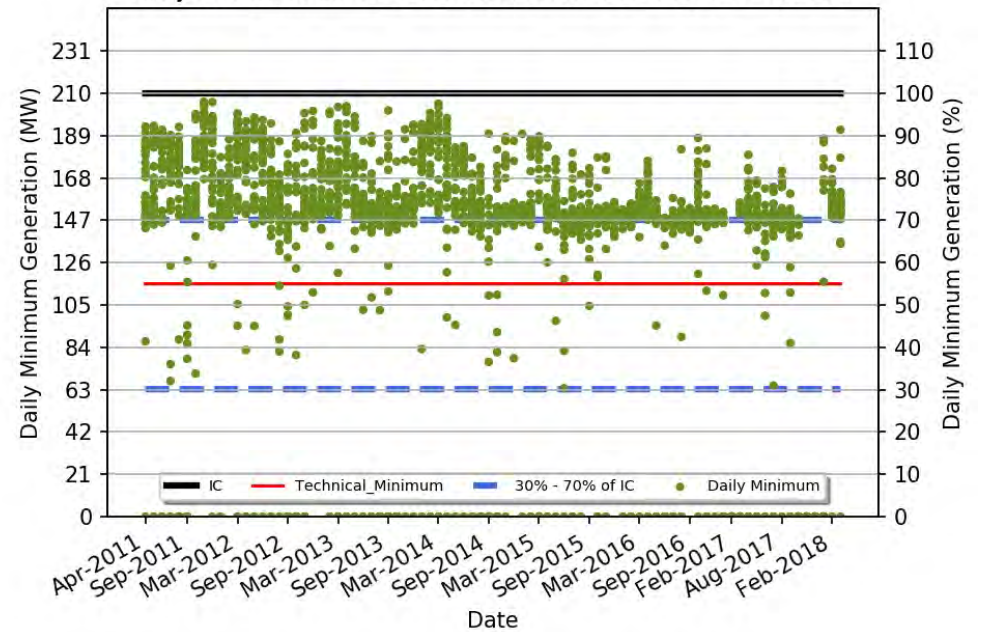
<b>Region</b>	<b>: Southern Region</b>
<b>Number of Days Considered</b>	<b>: 2089</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 36 (%)</b>
<b>(% of total days in operation)</b>	
<b>No. Of Days Min Generation Achieved</b>	<b>: 14 (%)</b>
<b>(% of total days in operation)</b>	
<b>Average Flexibility</b>	<b>: 22 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 192</b>
<b>Daily Average (MW)</b>	<b>: 177</b>
<b>Average Daily Min (MW)</b>	<b>: 146</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 91</b>
<b>Daily Average/IC (%)</b>	<b>: 84</b>
<b>Average Daily Min/IC (%)</b>	<b>: 69</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 329</b>



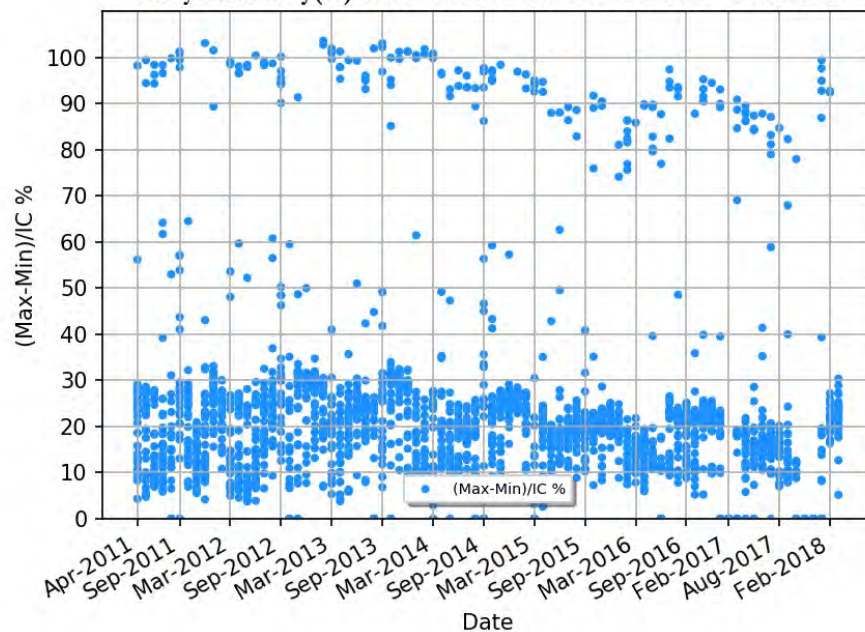
Daily Max Generation : Dr. N.TATA RAO TPS UNIT - 2 210 MW



Daily Min Generation : Dr. N.TATA RAO TPS UNIT - 2 210 MW



Daily Flexibility(%) : Dr. N.TATA RAO TPS UNIT - 2 210 MW

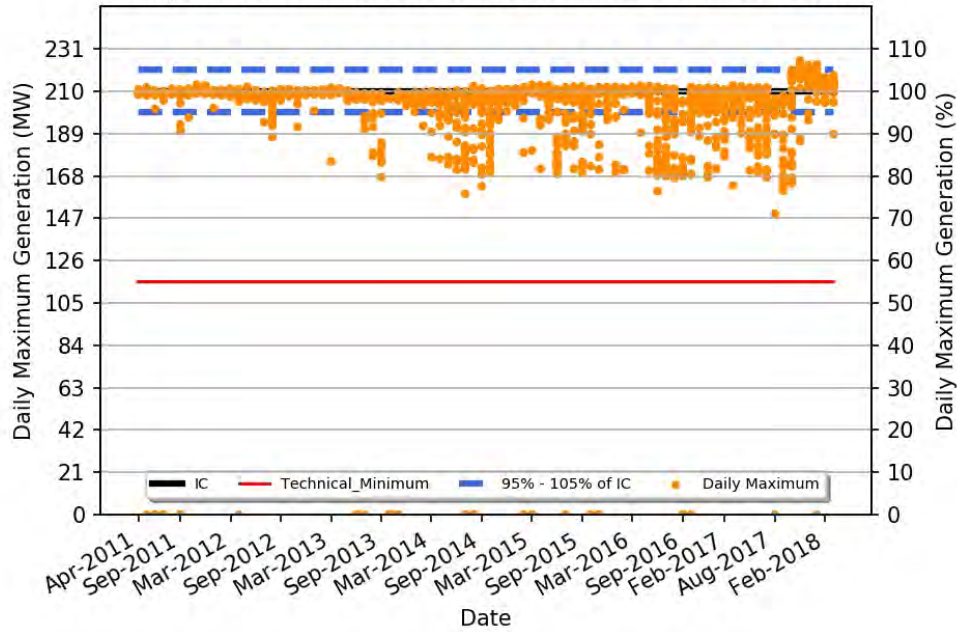


**Dr. N.TATA RAO TPS UNIT - 2 210 MW**

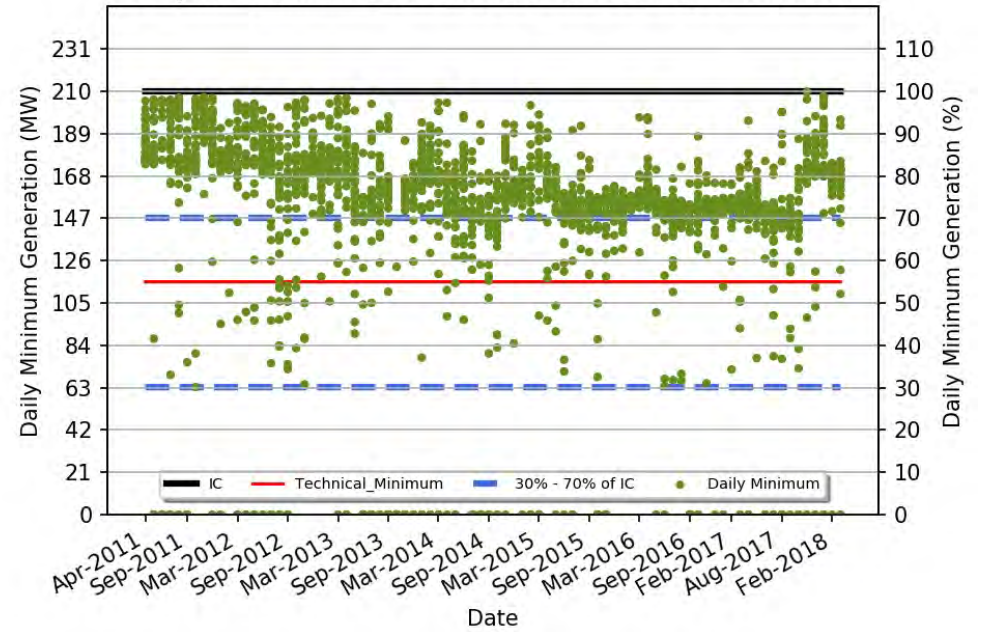
<b>Region</b>	<b>: Southern Region</b>
<b>Number of Days Considered</b>	<b>: 2255</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 54 (%)</b>
(% of total days in operation)	
<b>No. Of Days Min Generation Achieved</b>	<b>: 16 (%)</b>
(% of total days in operation)	
<b>Average Flexibility</b>	<b>: 24 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 198</b>
<b>Daily Average (MW)</b>	<b>: 181</b>
<b>Average Daily Min (MW)</b>	<b>: 147</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 94</b>
<b>Daily Average/IC (%)</b>	<b>: 86</b>
<b>Average Daily Min/IC (%)</b>	<b>: 70</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 329</b>



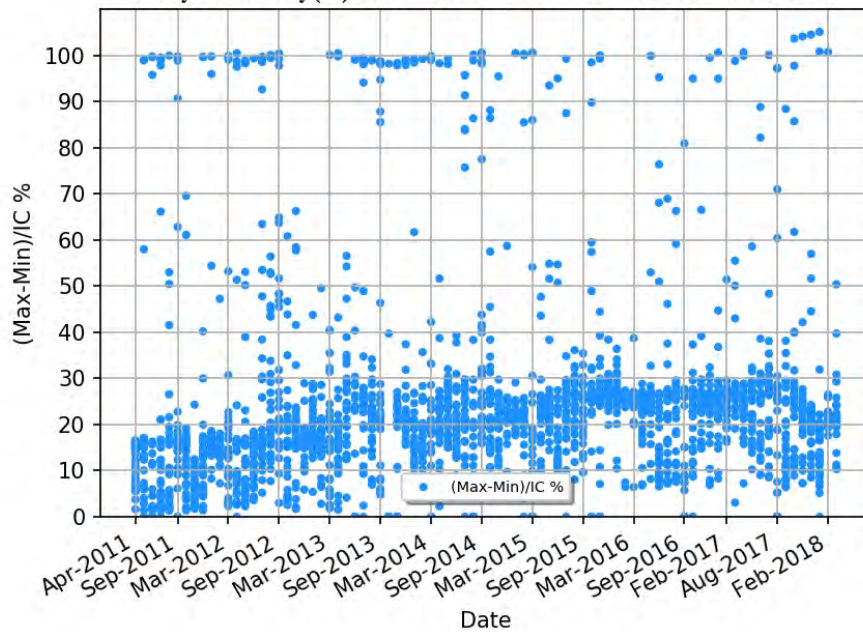
Daily Max Generation : Dr. N.TATA RAO TPS UNIT - 3 210 MW



Daily Min Generation : Dr. N.TATA RAO TPS UNIT - 3 210 MW



Daily Flexibility(%) : Dr. N.TATA RAO TPS UNIT - 3 210 MW

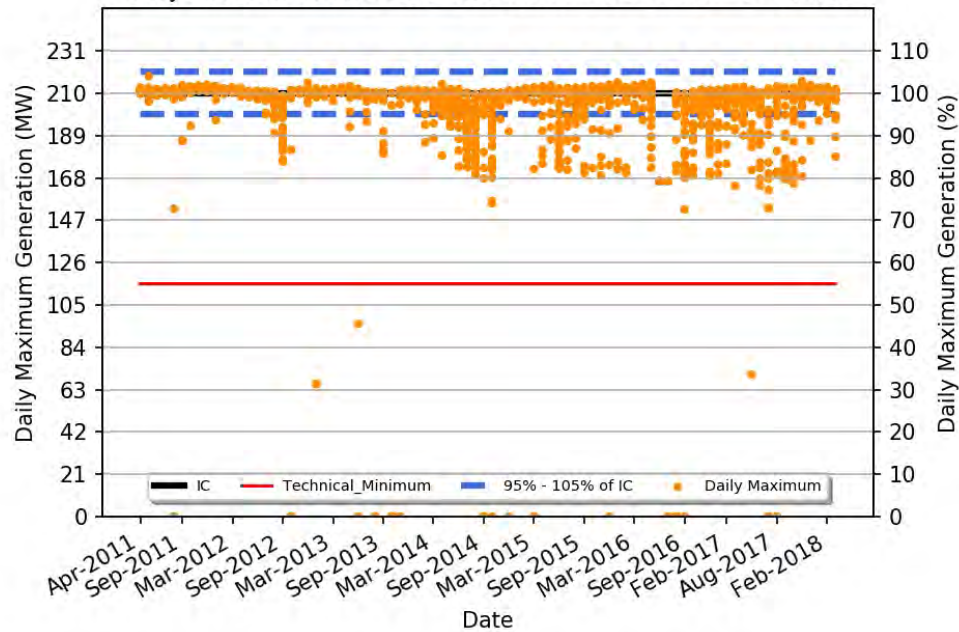


**Dr. N.TATA RAO TPS UNIT - 3 210 MW**

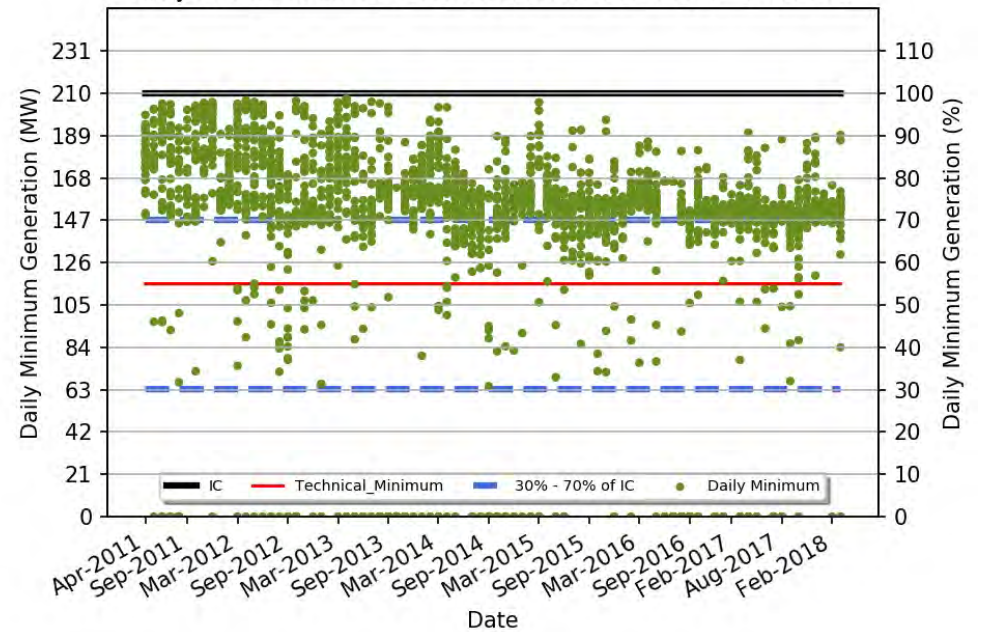
<b>Region</b>	<b>: Southern Region</b>
<b>Number of Days Considered</b>	<b>: 2403</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 83 (%)</b>
(% of total days in operation)	
<b>No. Of Days Min Generation Achieved</b>	<b>: 14 (%)</b>
(% of total days in operation)	
<b>Average Flexibility</b>	<b>: 24 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 205</b>
<b>Daily Average (MW)</b>	<b>: 186</b>
<b>Average Daily Min (MW)</b>	<b>: 153</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 97</b>
<b>Daily Average/IC (%)</b>	<b>: 88</b>
<b>Average Daily Min/IC (%)</b>	<b>: 73</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 329</b>



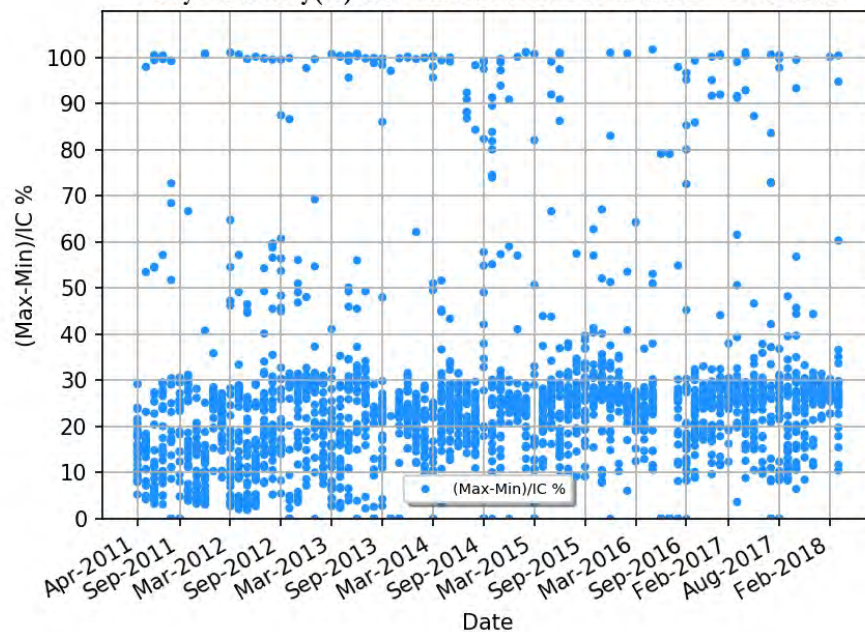
Daily Max Generation : Dr. N.TATA RAO TPS UNIT - 4 210 MW



Daily Min Generation : Dr. N.TATA RAO TPS UNIT - 4 210 MW



Daily Flexibility(%) : Dr. N.TATA RAO TPS UNIT - 4 210 MW

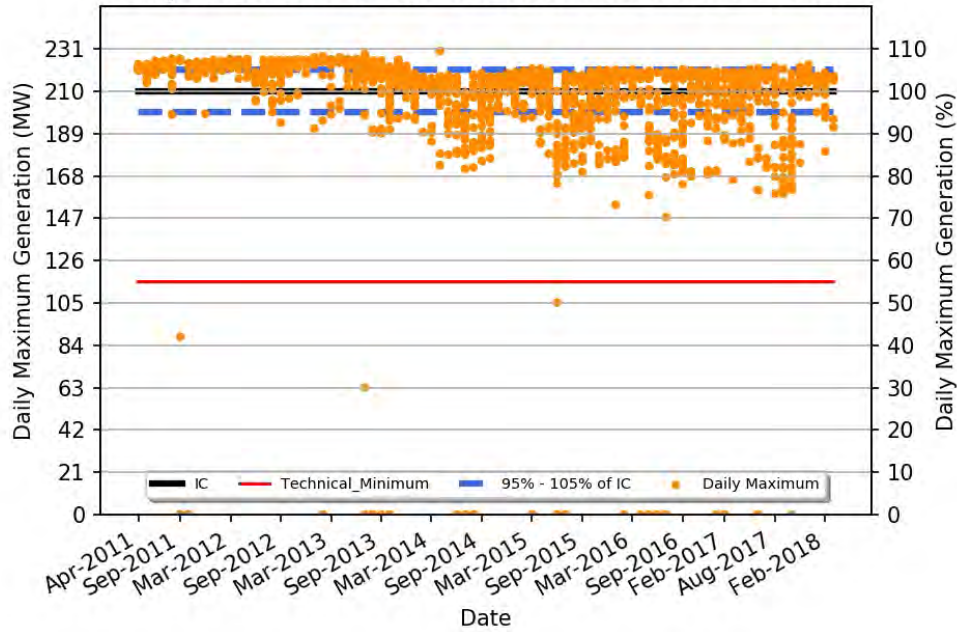


**Dr. N.TATA RAO TPS UNIT - 4 210 MW**

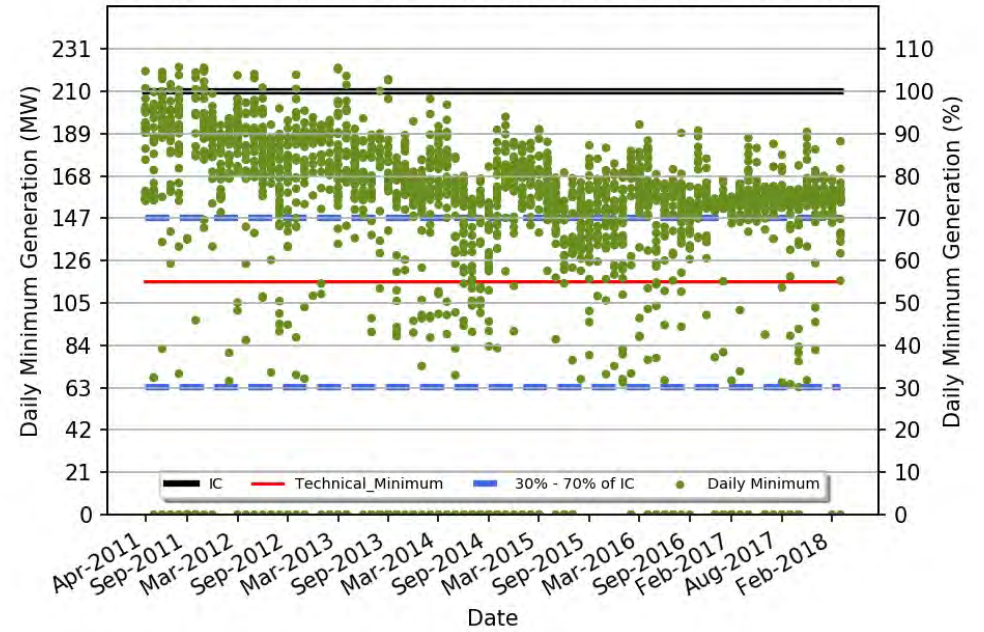
<b>Region</b>	<b>: Southern Region</b>
<b>Number of Days Considered</b>	<b>: 2373</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 84 (%)</b>
<small>(% of total days in operation)</small>	
<b>No. Of Days Min Generation Achieved</b>	<b>: 16 (%)</b>
<small>(% of total days in operation)</small>	
<b>Average Flexibility</b>	<b>: 26 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 205</b>
<b>Daily Average (MW)</b>	<b>: 186</b>
<b>Average Daily Min (MW)</b>	<b>: 150</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 97</b>
<b>Daily Average/IC (%)</b>	<b>: 88</b>
<b>Average Daily Min/IC (%)</b>	<b>: 71</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 329</b>



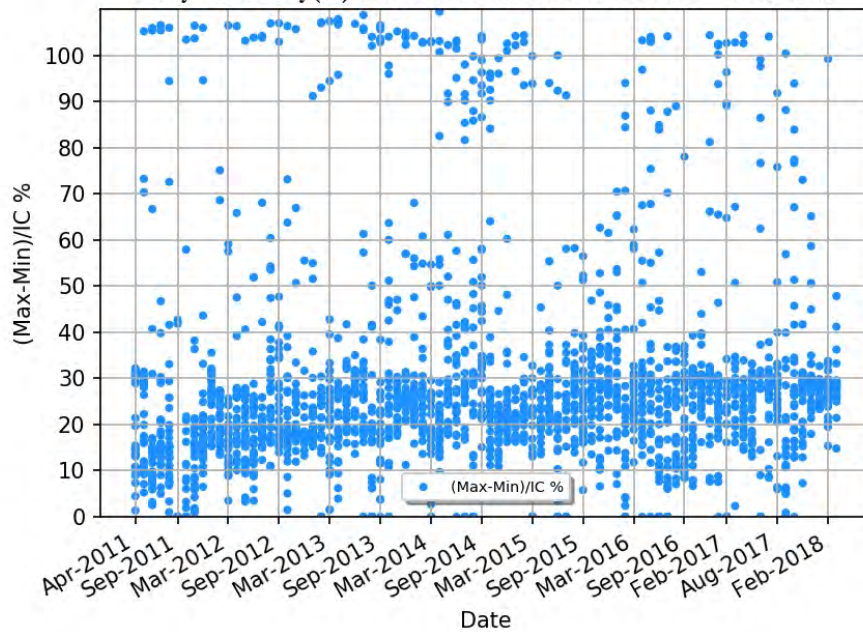
Daily Max Generation : Dr. N.TATA RAO TPS UNIT - 5 210 MW



Daily Min Generation : Dr. N.TATA RAO TPS UNIT - 5 210 MW



Daily Flexibility(%) : Dr. N.TATA RAO TPS UNIT - 5 210 MW

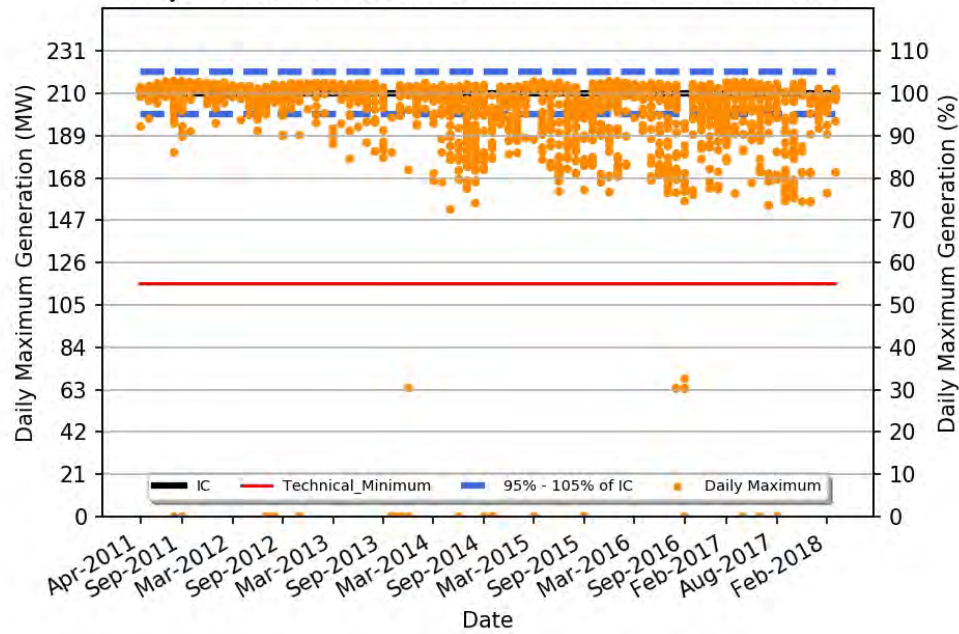


**Dr. N.TATA RAO TPS UNIT - 5 210 MW**

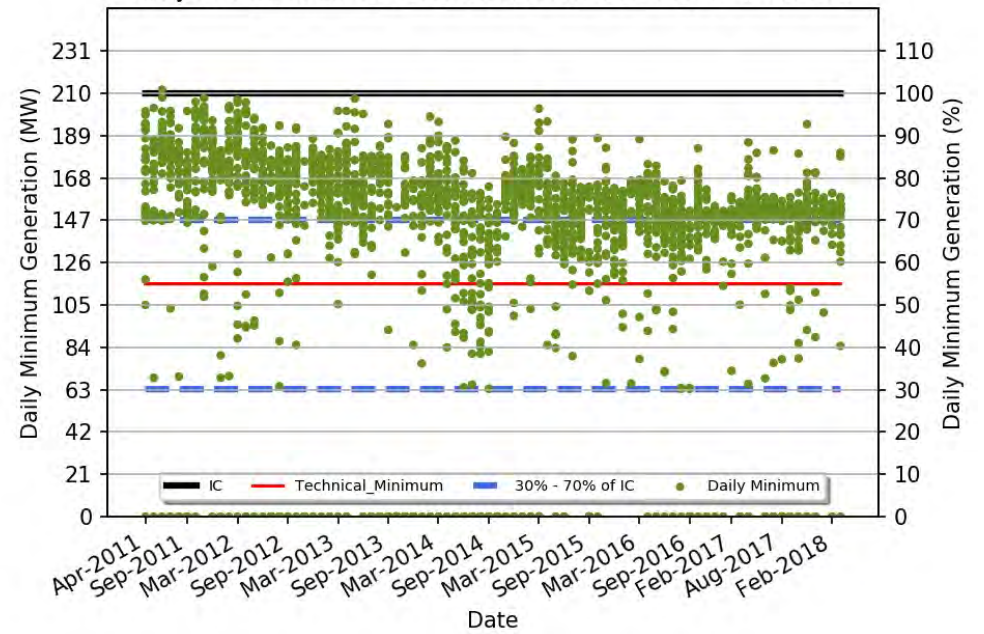
<b>Region</b>	<b>: Southern Region</b>
<b>Number of Days Considered</b>	<b>: 2375</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 54 (%)</b>
<b>(% of total days in operation)</b>	
<b>No. Of Days Min Generation Achieved</b>	<b>: 16 (%)</b>
<b>(% of total days in operation)</b>	
<b>Average Flexibility</b>	<b>: 29 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 212</b>
<b>Daily Average (MW)</b>	<b>: 190</b>
<b>Average Daily Min (MW)</b>	<b>: 151</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 101</b>
<b>Daily Average/IC (%)</b>	<b>: 90</b>
<b>Average Daily Min/IC (%)</b>	<b>: 72</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 329</b>



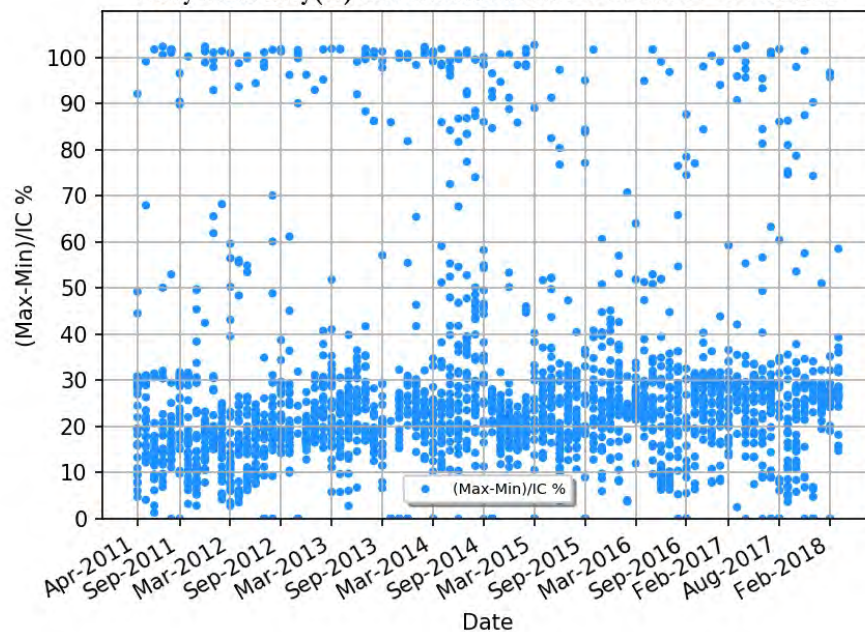
Daily Max Generation : Dr. N.TATA RAO TPS UNIT - 6 210 MW



Daily Min Generation : Dr. N.TATA RAO TPS UNIT - 6 210 MW



Daily Flexibility(%) : Dr. N.TATA RAO TPS UNIT - 6 210 MW

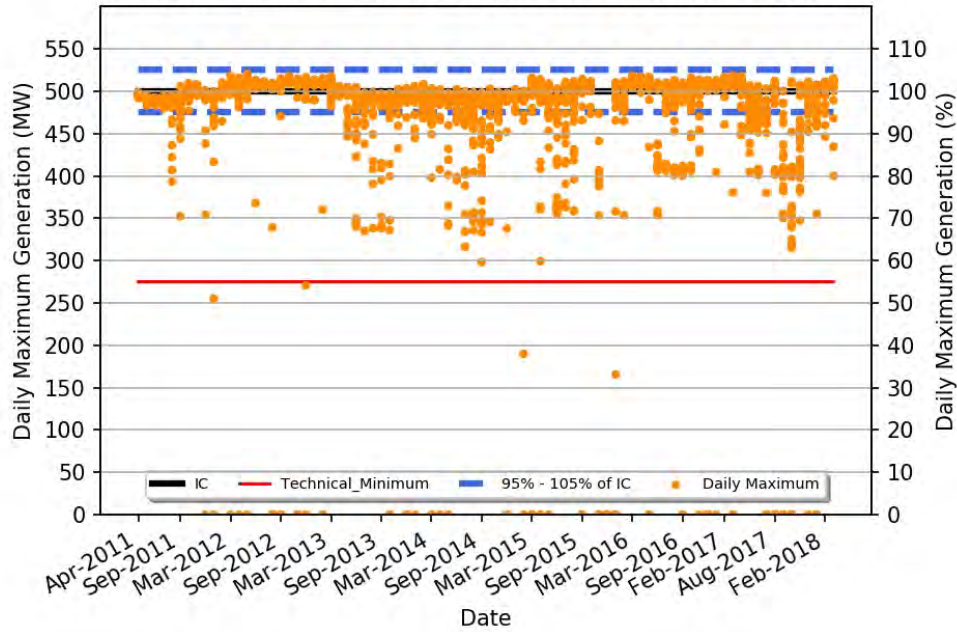


**Dr. N.TATA RAO TPS UNIT - 6 210 MW**

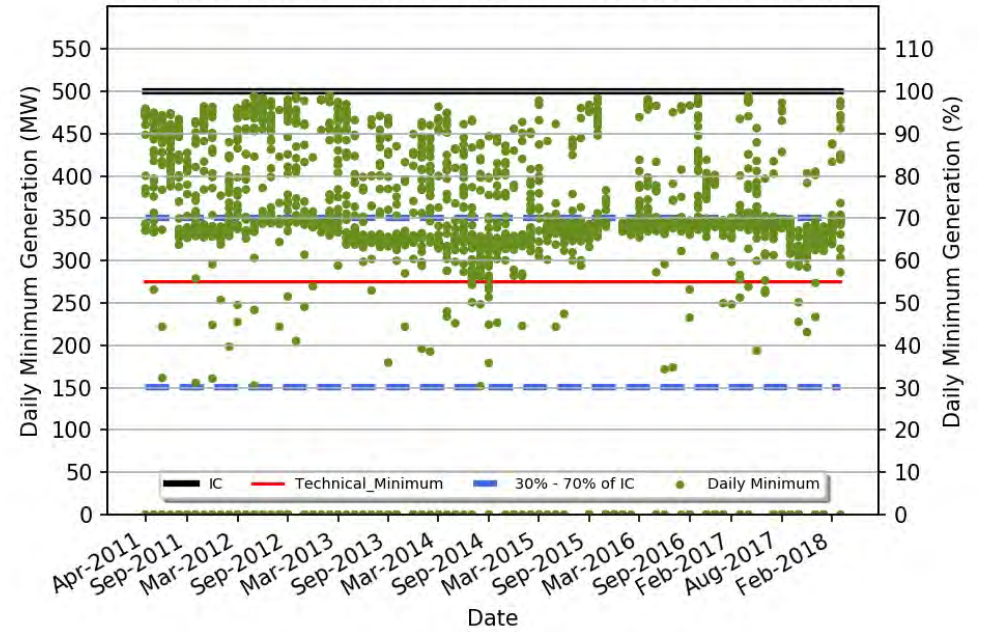
<b>Region</b>	<b>: Southern Region</b>
<b>Number of Days Considered</b>	<b>: 2386</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 75 (%)</b>
<b>(% of total days in operation)</b>	
<b>No. Of Days Min Generation Achieved</b>	<b>: 22 (%)</b>
<b>(% of total days in operation)</b>	
<b>Average Flexibility</b>	<b>: 27 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 203</b>
<b>Daily Average (MW)</b>	<b>: 180</b>
<b>Average Daily Min (MW)</b>	<b>: 144</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 96</b>
<b>Daily Average/IC (%)</b>	<b>: 86</b>
<b>Average Daily Min/IC (%)</b>	<b>: 68</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 329</b>



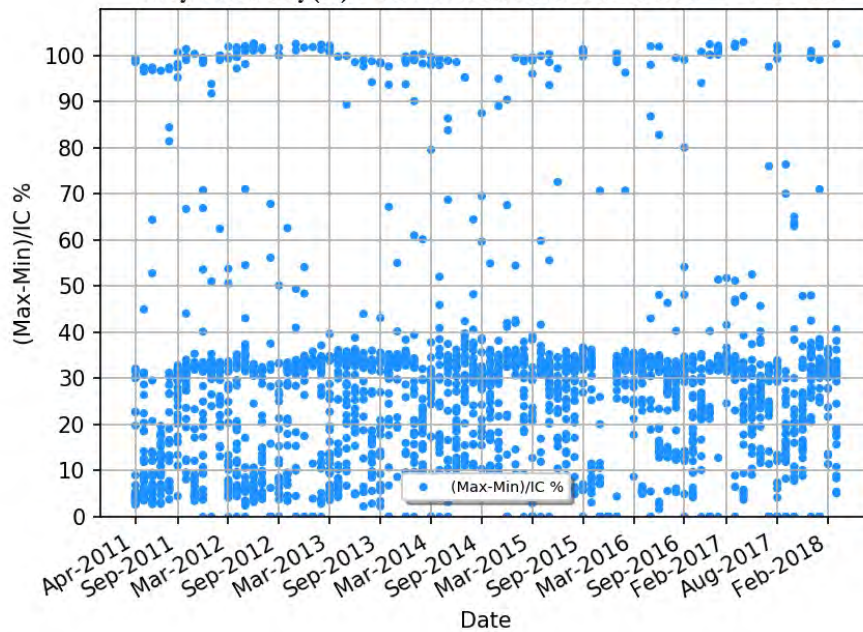
Daily Max Generation : Dr. N.TATA RAO TPS UNIT - 7 500 MW



Daily Min Generation : Dr. N.TATA RAO TPS UNIT - 7 500 MW



Daily Flexibility(%) : Dr. N.TATA RAO TPS UNIT - 7 500 MW

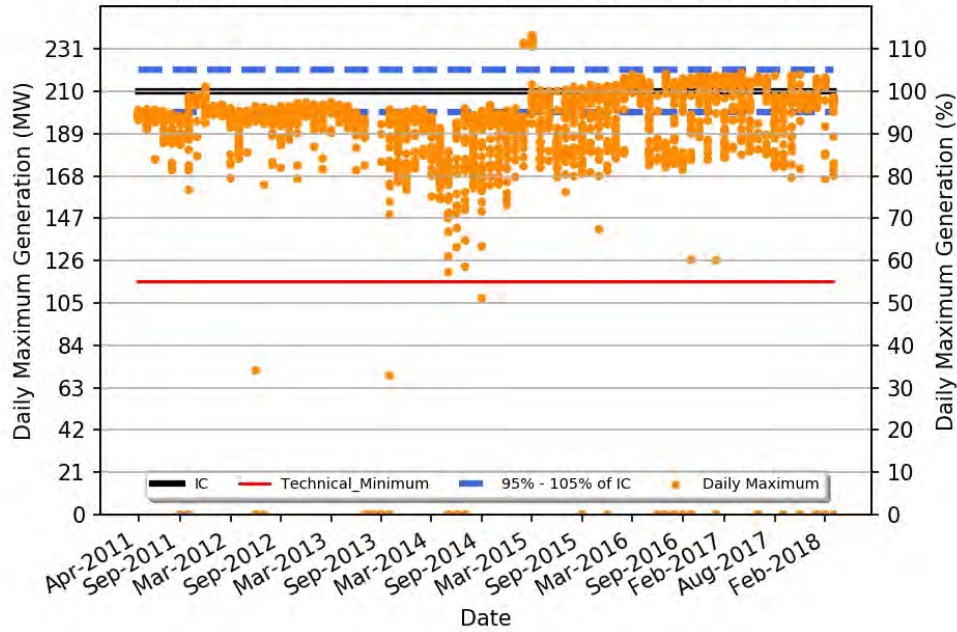


**Dr. N.TATA RAO TPS UNIT - 7 500 MW**

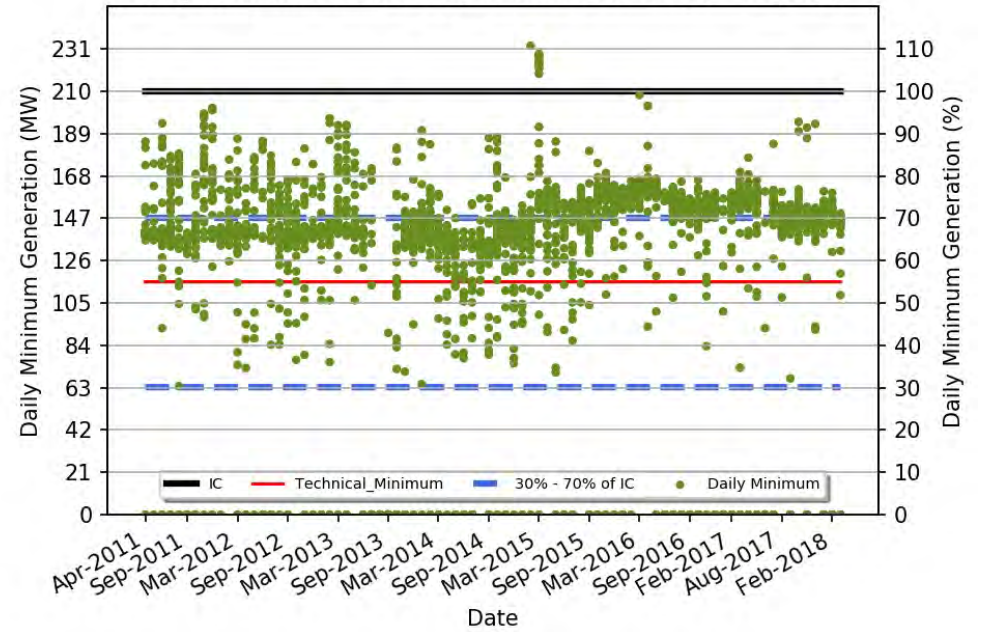
<b>Region</b>	<b>: Southern Region</b>
<b>Number of Days Considered</b>	<b>: 2315</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 82 (%)</b>
<b>(% of total days in operation)</b>	
<b>No. Of Days Min Generation Achieved</b>	<b>: 57 (%)</b>
<b>(% of total days in operation)</b>	
<b>Average Flexibility</b>	<b>: 29 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 486</b>
<b>Daily Average (MW)</b>	<b>: 433</b>
<b>Average Daily Min (MW)</b>	<b>: 340</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 97</b>
<b>Daily Average/IC (%)</b>	<b>: 86</b>
<b>Average Daily Min/IC (%)</b>	<b>: 68</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 314</b>



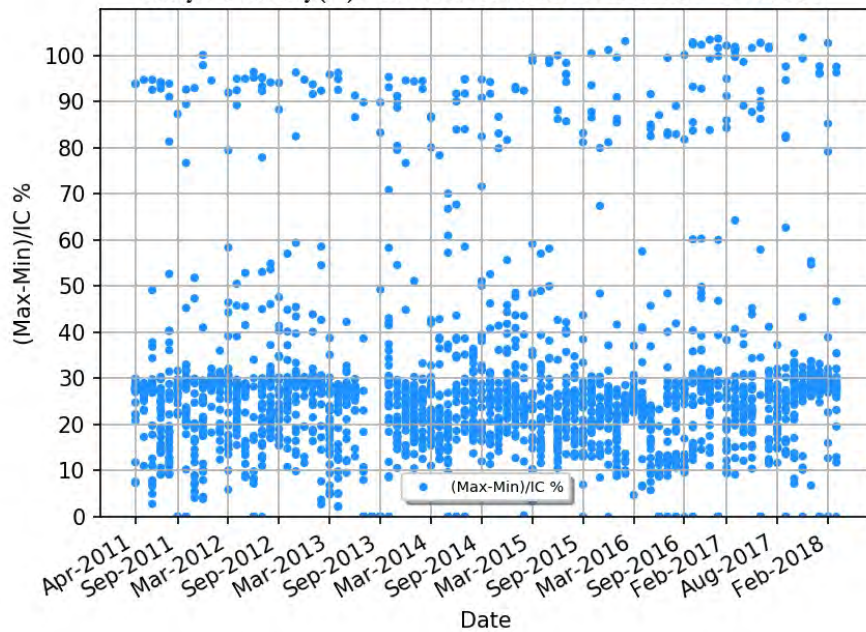
Daily Max Generation : RAYALASEEMA TPS UNIT - 1 210 MW



Daily Min Generation : RAYALASEEMA TPS UNIT - 1 210 MW



Daily Flexibility(%) : RAYALASEEMA TPS UNIT - 1 210 MW

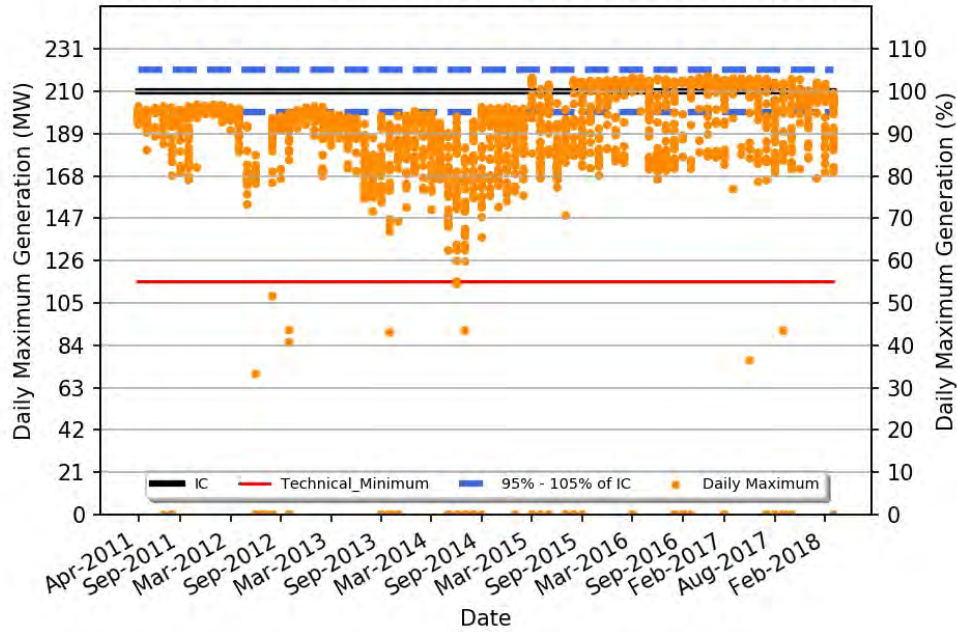


### RAYALASEEMA TPS UNIT - 1 210 MW

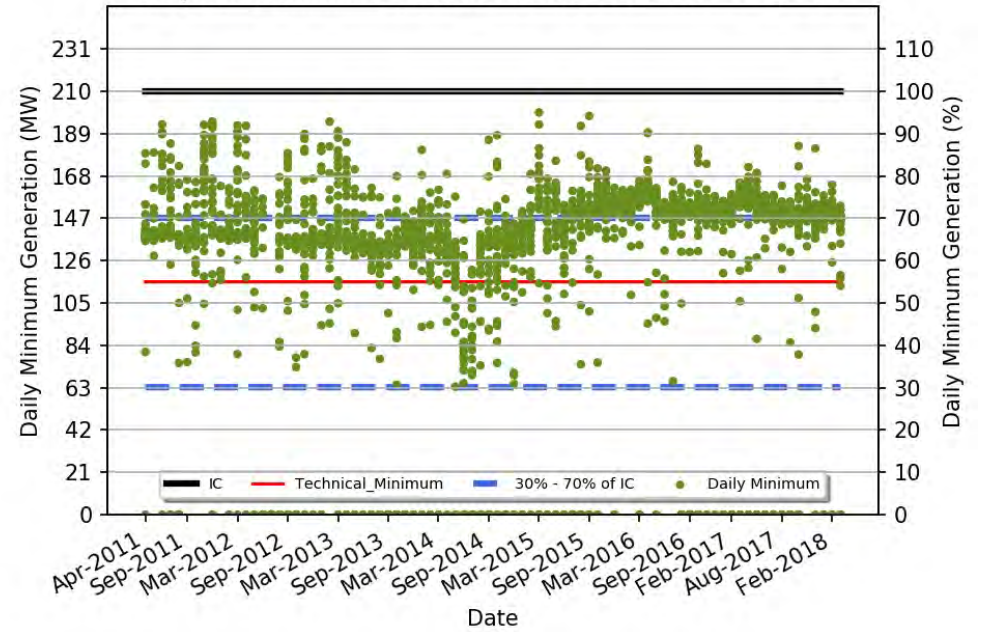
Region	: Southern Region
Number of Days Considered	: 2299
No. Of Days Max Generation Achieved	: 43 (%)
(% of total days in operation)	
No. Of Days Min Generation Achieved	: 49 (%)
(% of total days in operation)	
Average Flexibility	: 29 (%)
Average Daily Max (MW)	: 196
Daily Average (MW)	: 172
Average Daily Min (MW)	: 134
Average Daily Max/ IC (%)	: 93
Daily Average/IC (%)	: 81
Average Daily Min/IC (%)	: 64
Variable Charge (Paisa/kWh)	: 412



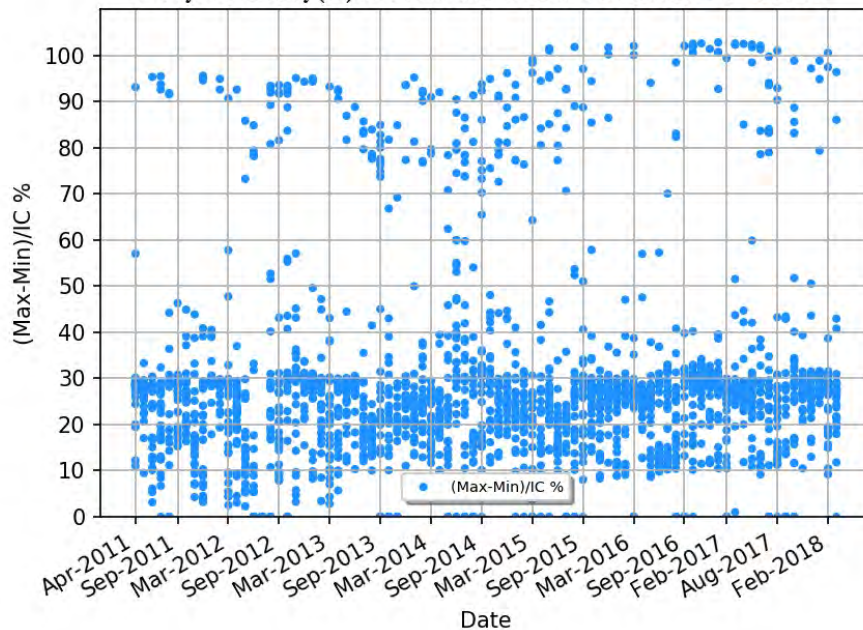
Daily Max Generation : RAYALASEEMA TPS UNIT - 2 210 MW



Daily Min Generation : RAYALASEEMA TPS UNIT - 2 210 MW



Daily Flexibility(%) : RAYALASEEMA TPS UNIT - 2 210 MW

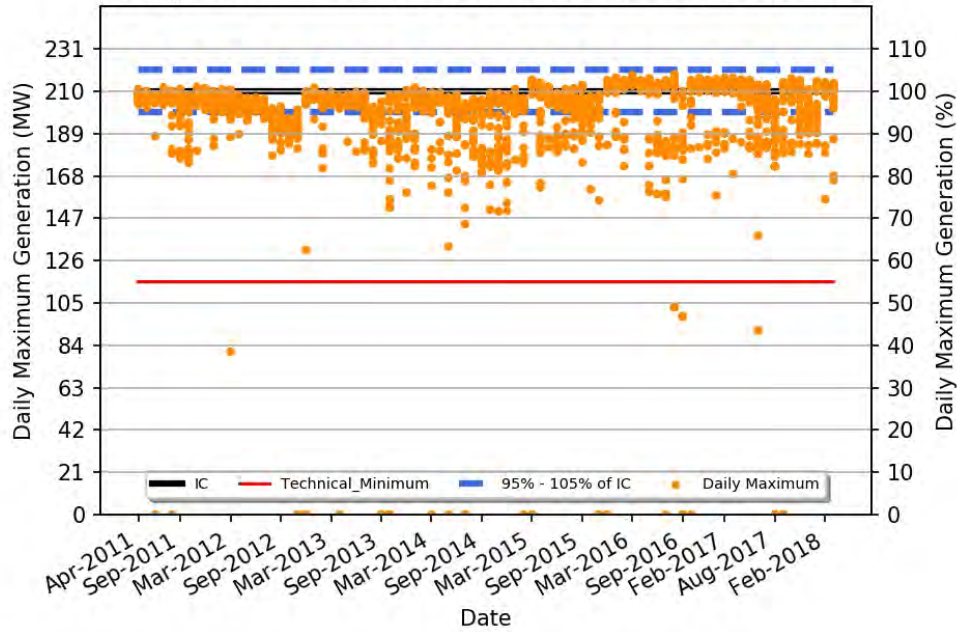


### RAYALASEEMA TPS UNIT - 2 210 MW

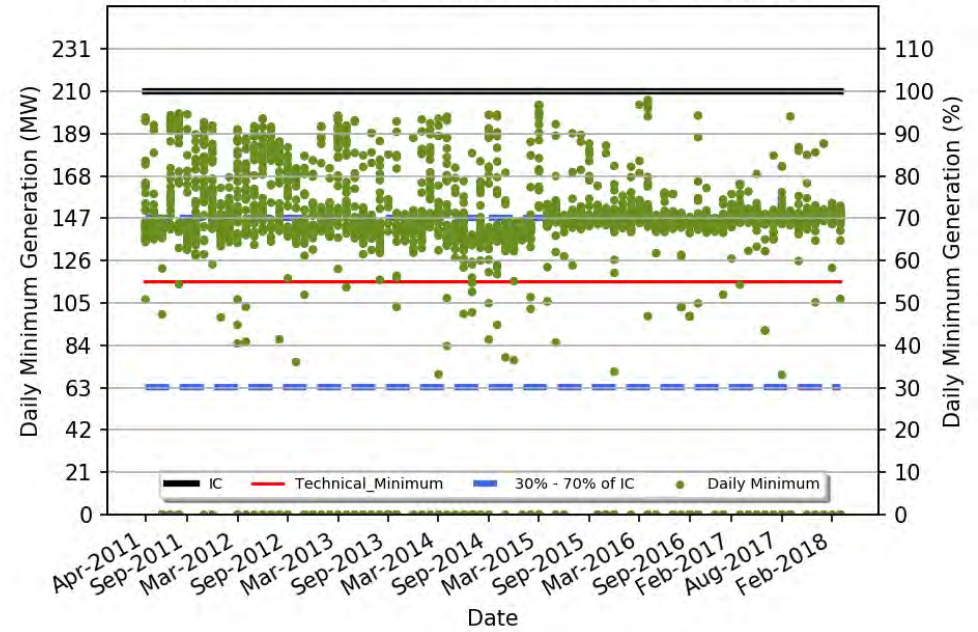
Region	: Southern Region
Number of Days Considered	: 2303
No. Of Days Max Generation Achieved	: 39 (%)
(% of total days in operation)	
No. Of Days Min Generation Achieved	: 48 (%)
(% of total days in operation)	
Average Flexibility	: 29 (%)
Average Daily Max (MW)	: 194
Daily Average (MW)	: 169
Average Daily Min (MW)	: 132
Average Daily Max/ IC (%)	: 92
Daily Average/IC (%)	: 80
Average Daily Min/IC (%)	: 63
Variable Charge (Paisa/kWh)	: 412



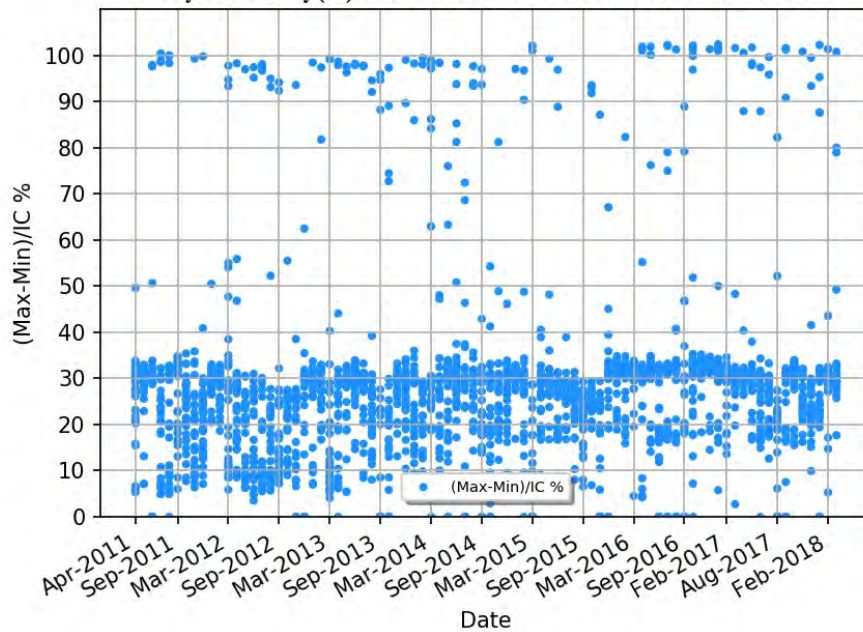
Daily Max Generation : RAYALASEEMA TPS UNIT - 3 210 MW



Daily Min Generation : RAYALASEEMA TPS UNIT - 3 210 MW



Daily Flexibility(%) : RAYALASEEMA TPS UNIT - 3 210 MW

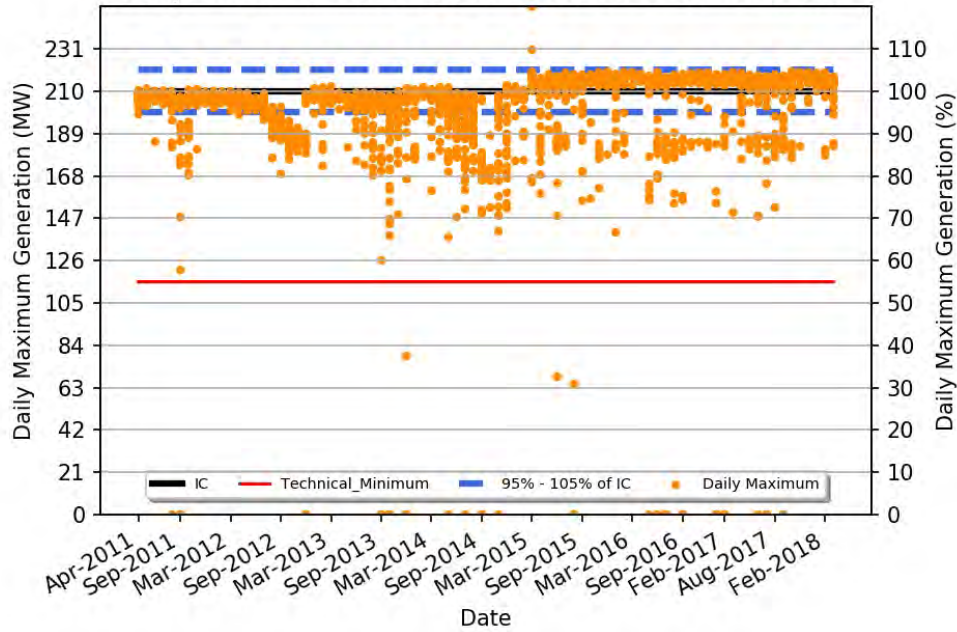


### RAYALASEEMA TPS UNIT - 3 210 MW

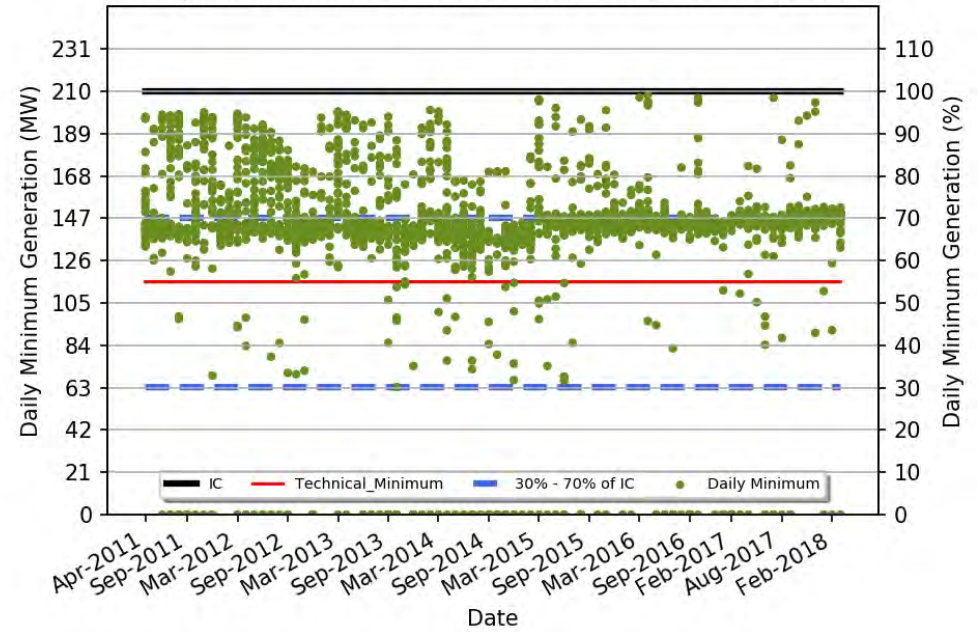
Region	: Southern Region
Number of Days Considered	: 2400
No. Of Days Max Generation Achieved	: 72 (%)
(% of total days in operation)	
No. Of Days Min Generation Achieved	: 50 (%)
(% of total days in operation)	
Average Flexibility	: 28 (%)
Average Daily Max (MW)	: 201
Daily Average (MW)	: 176
Average Daily Min (MW)	: 142
Average Daily Max/ IC (%)	: 96
Daily Average/IC (%)	: 84
Average Daily Min/IC (%)	: 68
Variable Charge (Paisa/kWh)	: 412



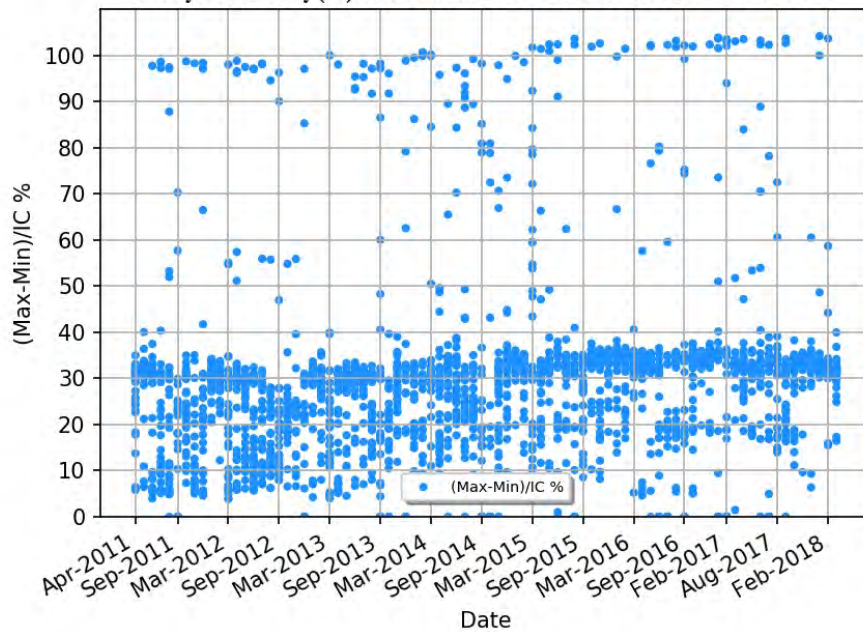
Daily Max Generation : RAYALASEEMA TPS UNIT - 4 210 MW



Daily Min Generation : RAYALASEEMA TPS UNIT - 4 210 MW



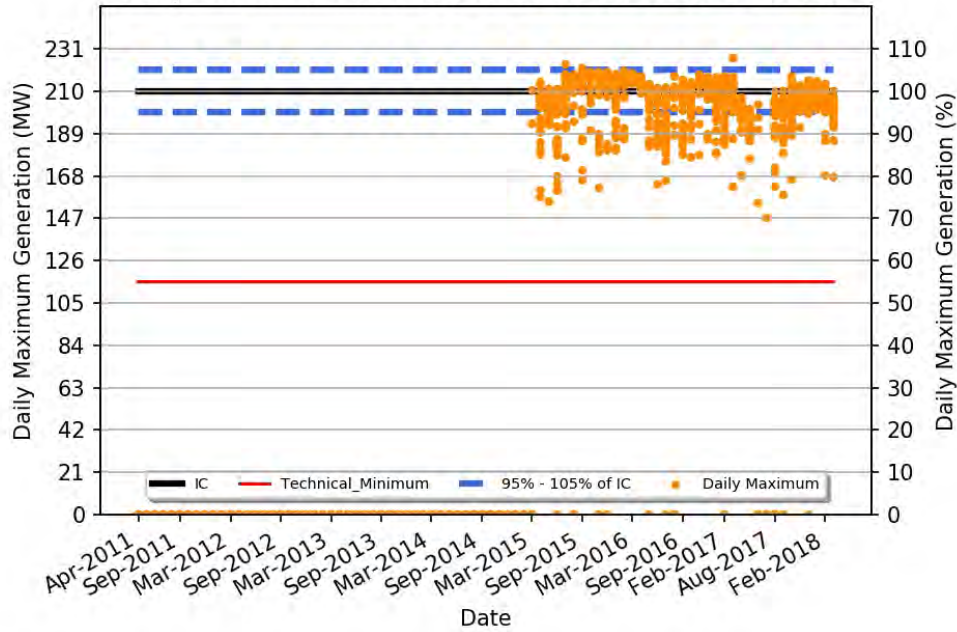
Daily Flexibility(%) : RAYALASEEMA TPS UNIT - 4 210 MW



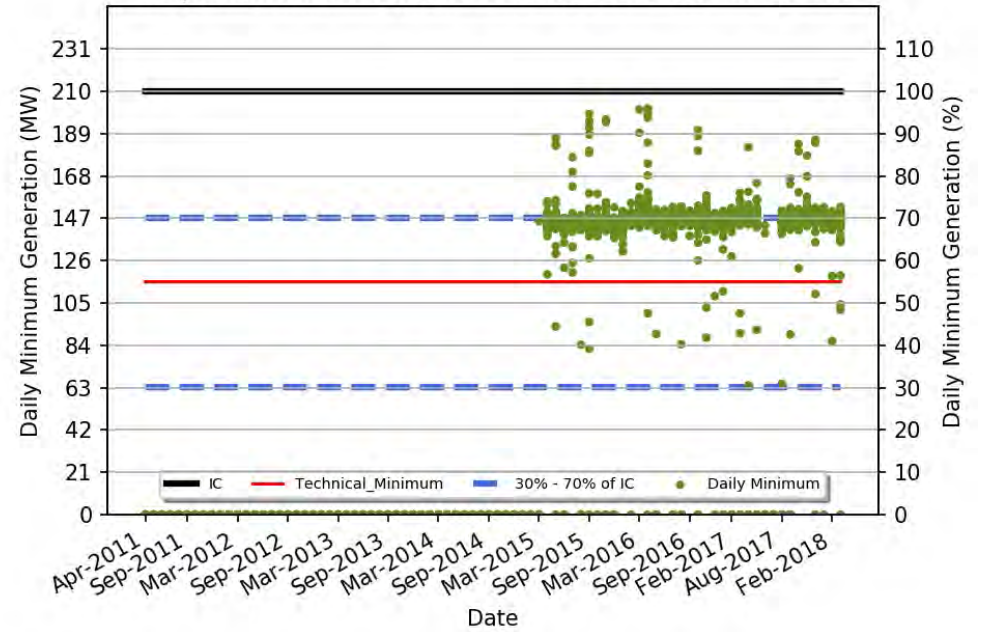
### RAYALASEEMA TPS UNIT - 4 210 MW

Region	: Southern Region
Number of Days Considered	: 2382
No. Of Days Max Generation Achieved	: 75 (%)
(% of total days in operation)	
No. Of Days Min Generation Achieved	: 60 (%)
(% of total days in operation)	
Average Flexibility	: 29 (%)
Average Daily Max (MW)	: 204
Daily Average (MW)	: 177
Average Daily Min (MW)	: 141
Average Daily Max/ IC (%)	: 97
Daily Average/IC (%)	: 84
Average Daily Min/IC (%)	: 67
Variable Charge (Paisa/kWh)	: 412

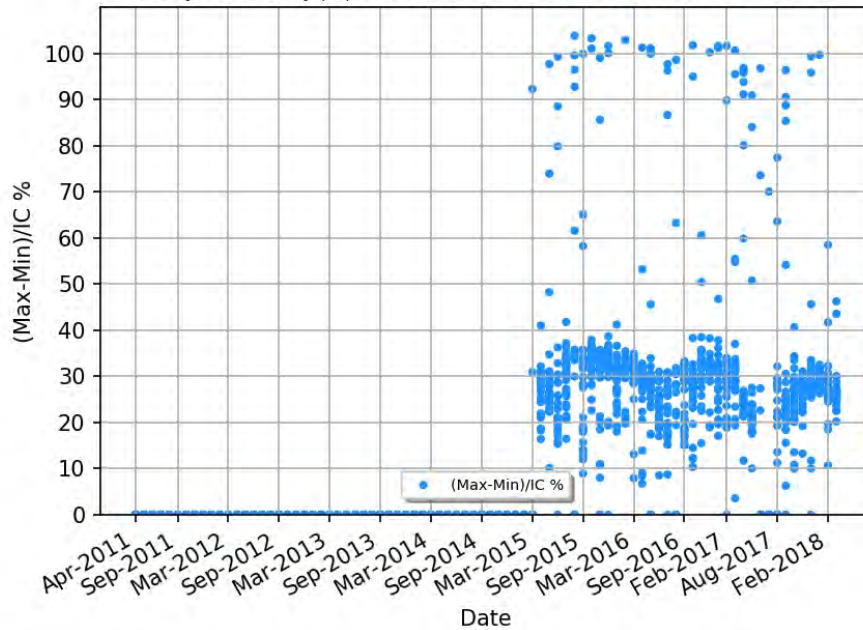
Daily Max Generation : RAYALASEEMA TPS UNIT - 5 210 MW



Daily Min Generation : RAYALASEEMA TPS UNIT - 5 210 MW



Daily Flexibility(%) : RAYALASEEMA TPS UNIT - 5 210 MW

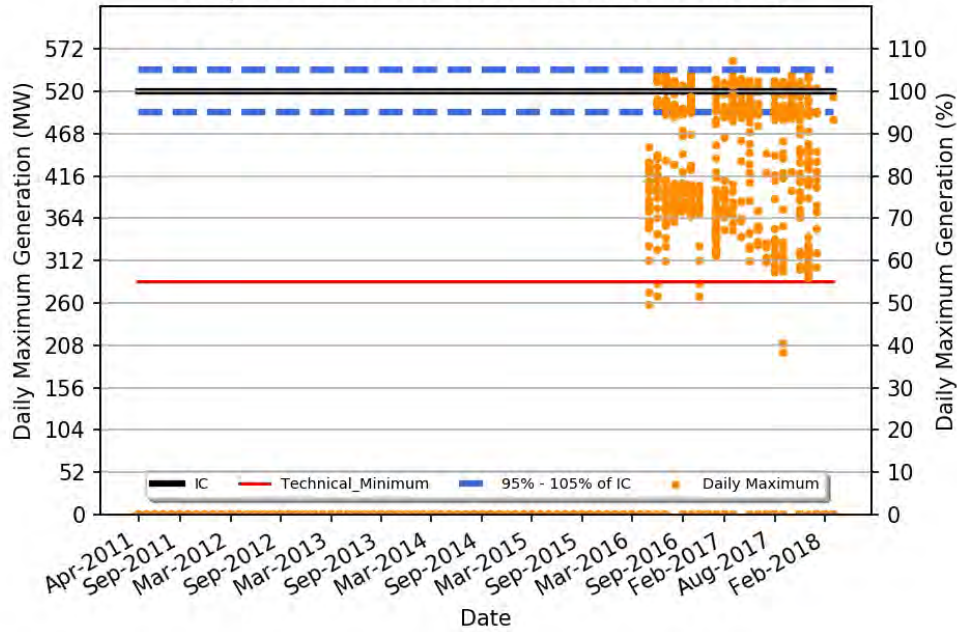


### RAYALASEEMA TPS UNIT - 5 210 MW

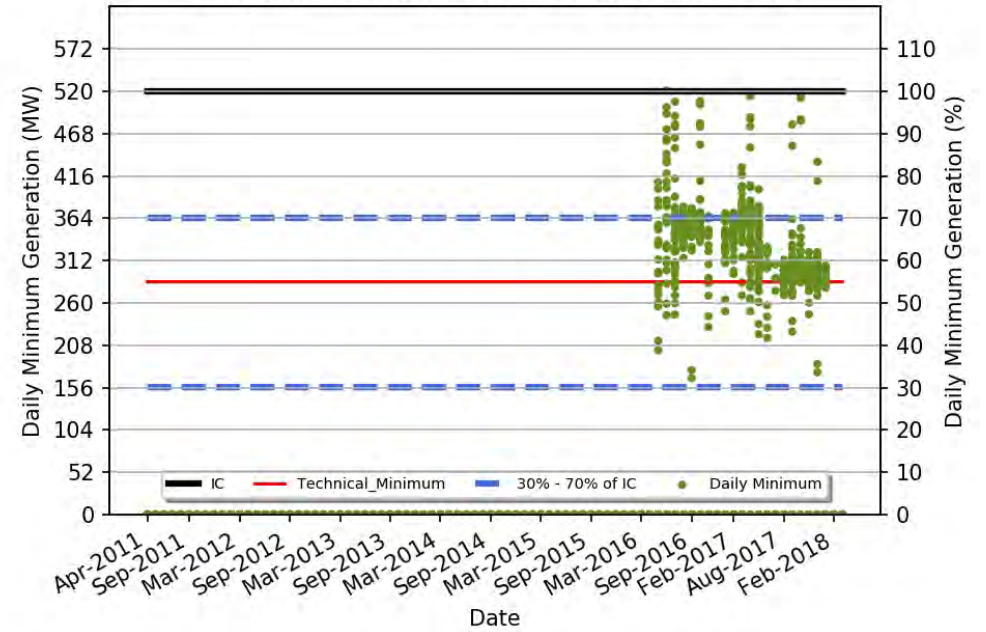
Region	: Southern Region
Number of Days Considered	: 961
No. Of Days Max Generation Achieved	: 72 (%)
(% of total days in operation)	
No. Of Days Min Generation Achieved	: 54 (%)
(% of total days in operation)	
Average Flexibility	: 31 (%)
Average Daily Max (MW)	: 204
Daily Average (MW)	: 172
Average Daily Min (MW)	: 139
Average Daily Max/ IC (%)	: 97
Daily Average/IC (%)	: 82
Average Daily Min/IC (%)	: 66
Variable Charge (Paisa/kWh)	: 412



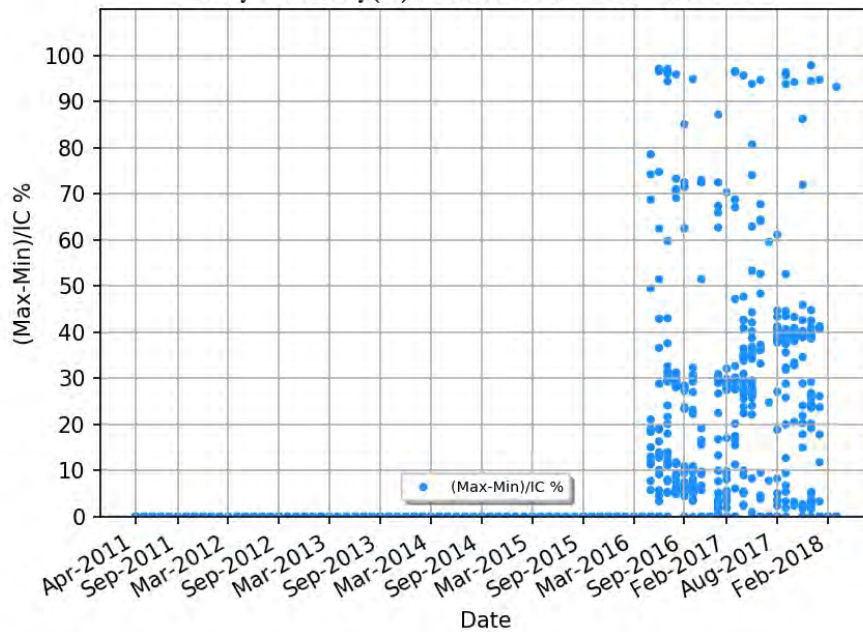
Daily Max Generation : VIZAG TPP UNIT - 1 520 MW



Daily Min Generation : VIZAG TPP UNIT - 1 520 MW



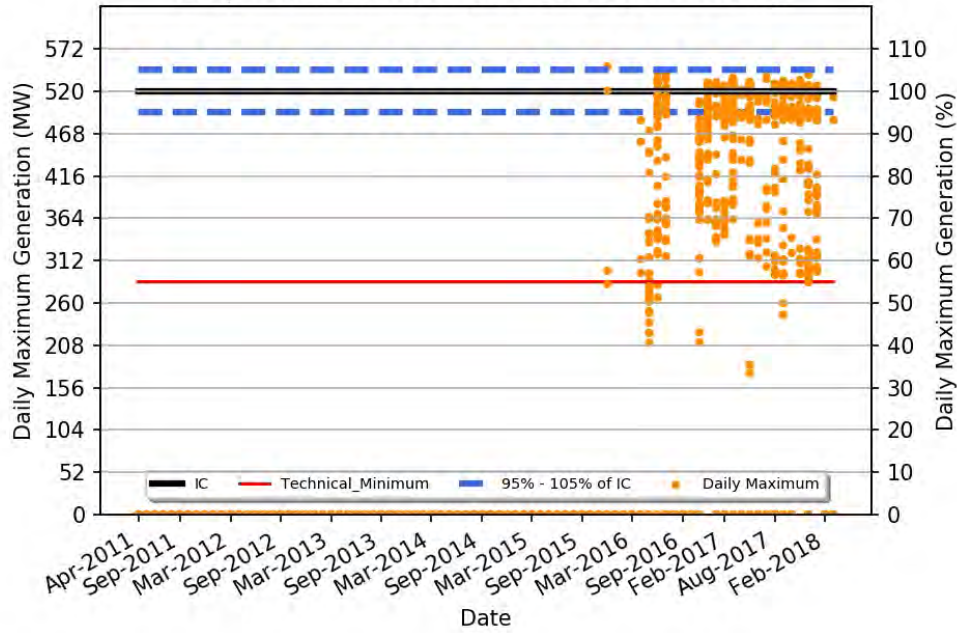
Daily Flexibility(%) : VIZAG TPP UNIT - 1 520 MW



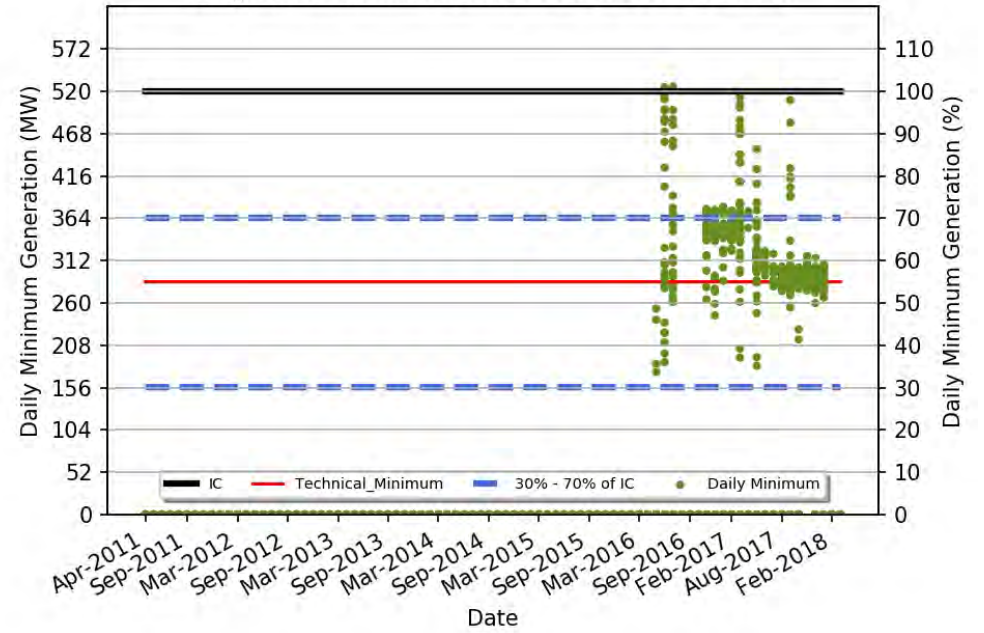
### VIZAG TPP UNIT - 1 520 MW

<b>Region</b>	<b>: Southern Region</b>
<b>Number of Days Considered</b>	<b>: 421</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 40 (%)</b>
(% of total days in operation)	
<b>No. Of Days Min Generation Achieved</b>	<b>: 82 (%)</b>
(% of total days in operation)	
<b>Average Flexibility</b>	<b>: 28 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 466</b>
<b>Daily Average (MW)</b>	<b>: 391</b>
<b>Average Daily Min (MW)</b>	<b>: 309</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 89</b>
<b>Daily Average/IC (%)</b>	<b>: 75</b>
<b>Average Daily Min/IC (%)</b>	<b>: 59</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 276</b>

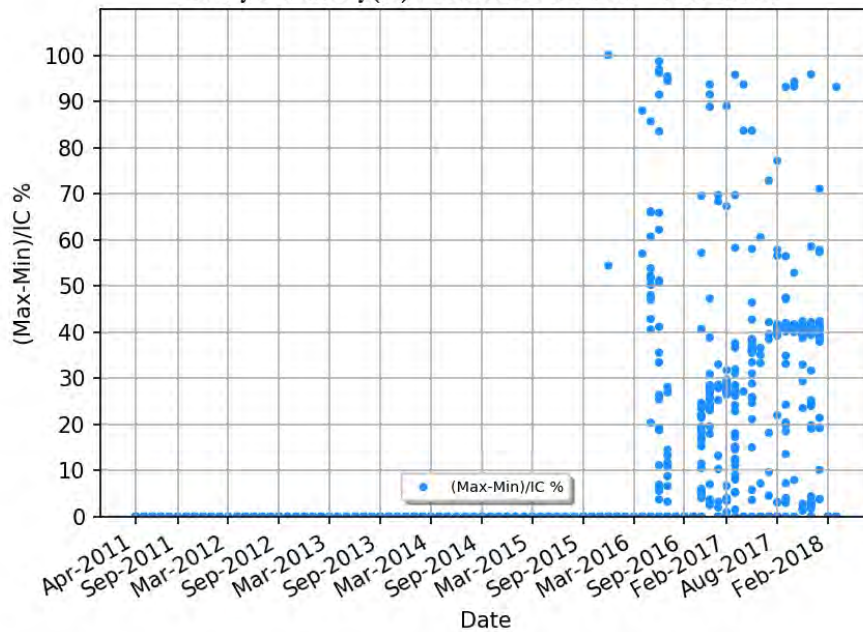
Daily Max Generation : VIZAG TPP UNIT - 2 520 MW



Daily Min Generation : VIZAG TPP UNIT - 2 520 MW



Daily Flexibility(%) : VIZAG TPP UNIT - 2 520 MW



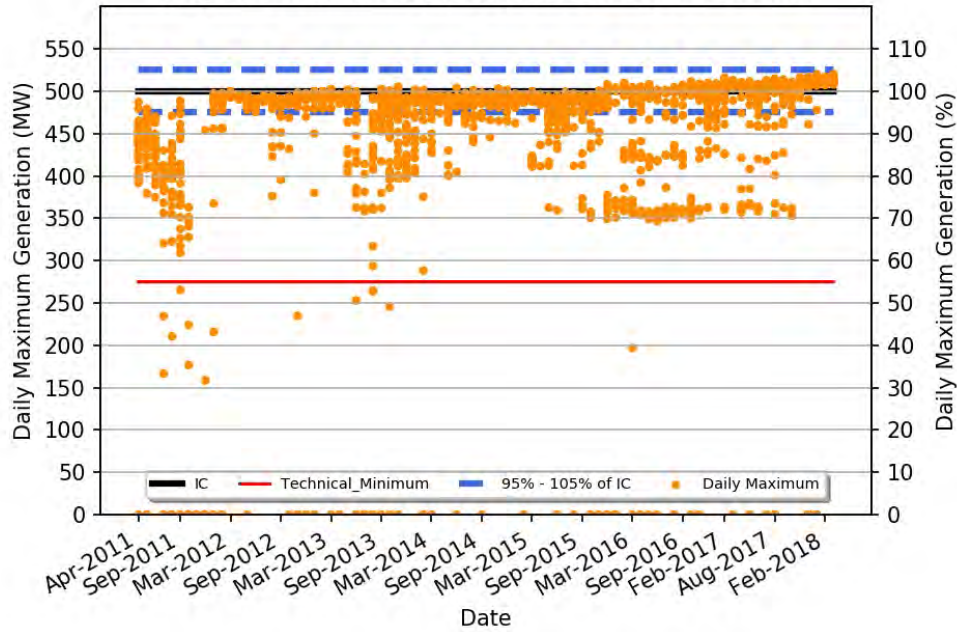
**VIZAG TPP UNIT - 2 520 MW**

<b>Region</b>	<b>: Southern Region</b>
<b>Number of Days Considered</b>	<b>: 326</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 35 (%)</b>
(% of total days in operation)	
<b>No. Of Days Min Generation Achieved</b>	<b>: 82 (%)</b>
(% of total days in operation)	
<b>Average Flexibility</b>	<b>: 31 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 474</b>
<b>Daily Average (MW)</b>	<b>: 383</b>
<b>Average Daily Min (MW)</b>	<b>: 300</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 91</b>
<b>Daily Average/IC (%)</b>	<b>: 73</b>
<b>Average Daily Min/IC (%)</b>	<b>: 57</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 276</b>

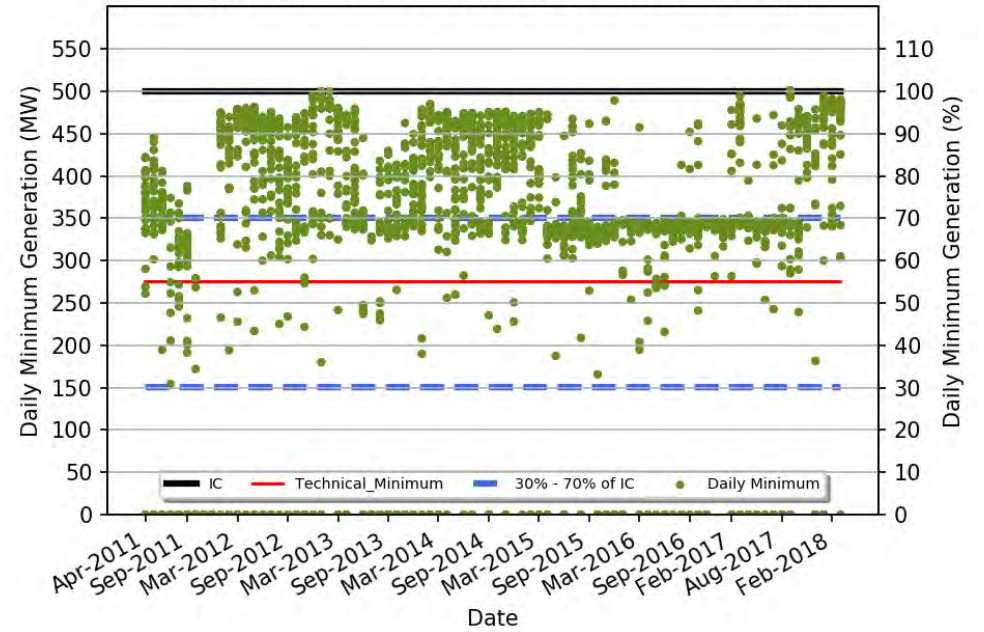


# TELANGANA

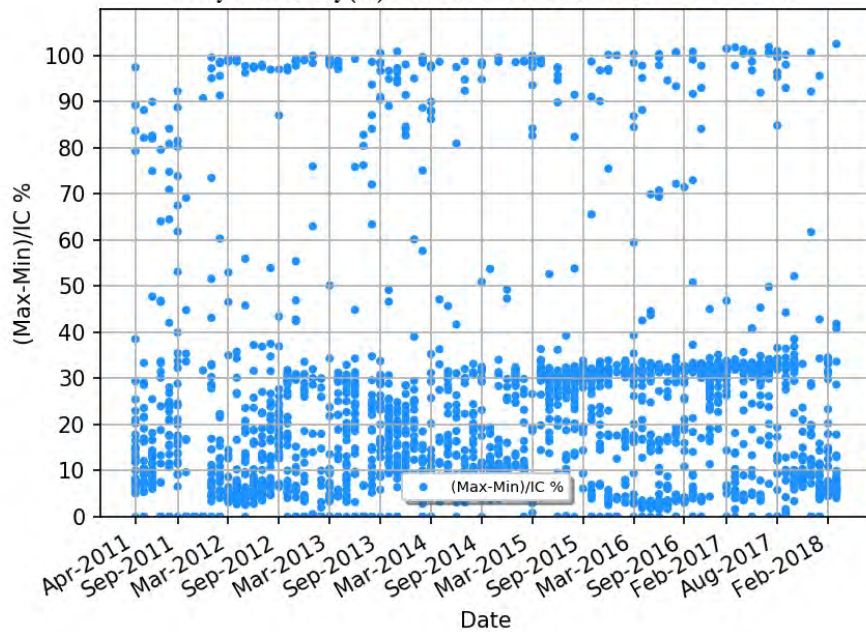
Daily Max Generation : KAKATIYA TPS UNIT - 1 500 MW



Daily Min Generation : KAKATIYA TPS UNIT - 1 500 MW



Daily Flexibility(%) : KAKATIYA TPS UNIT - 1 500 MW

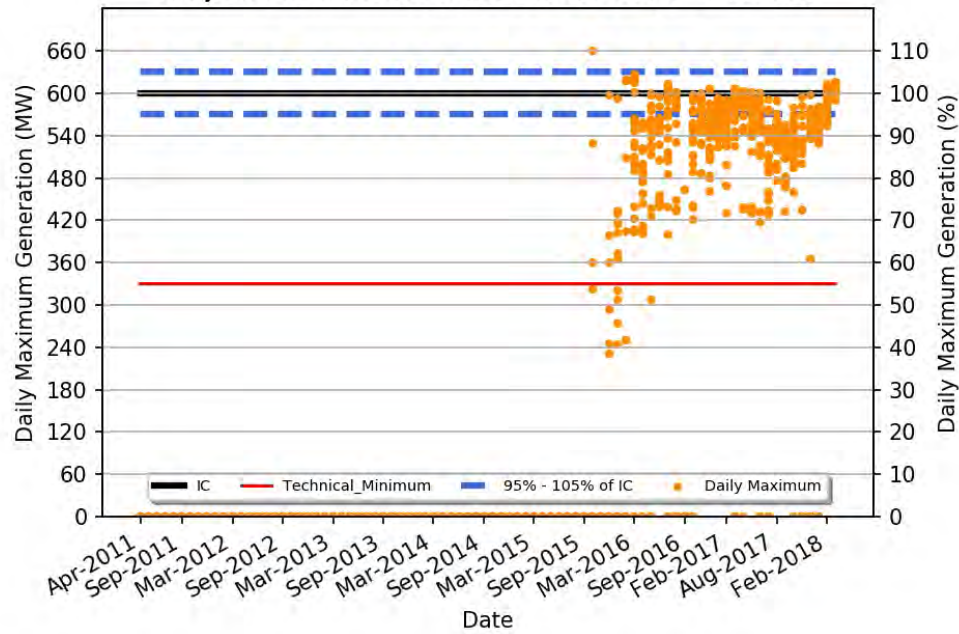


### KAKATIYA TPS UNIT - 1 500 MW

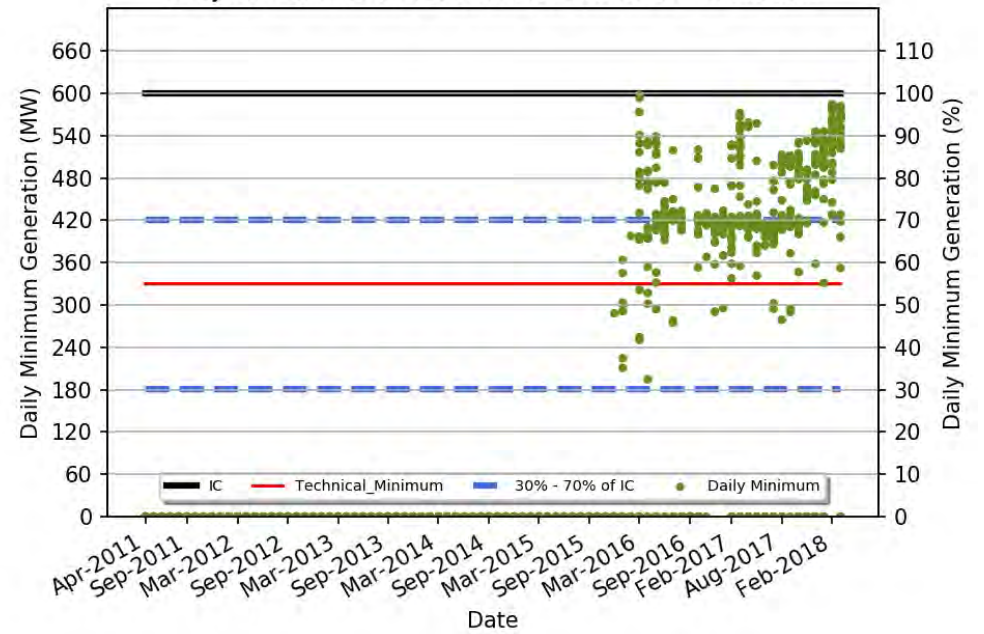
Region	: Southern Region
Number of Days Considered	: 2248
No. Of Days Max Generation Achieved	: 72 (%)
(% of total days in operation)	
No. Of Days Min Generation Achieved	: 43 (%)
(% of total days in operation)	
Average Flexibility	: 24 (%)
Average Daily Max (MW)	: 473
Daily Average (MW)	: 426
Average Daily Min (MW)	: 352
Average Daily Max/ IC (%)	: 94
Daily Average/IC (%)	: 85
Average Daily Min/IC (%)	: 70
Variable Charge (Paisa/kWh)	: 282



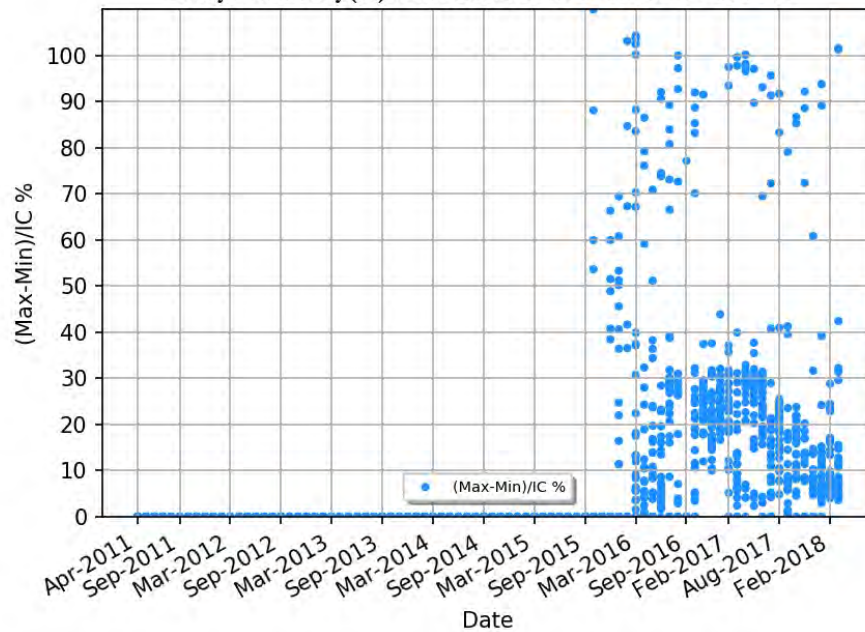
Daily Max Generation : KAKATIYA TPS UNIT - 2 600 MW



Daily Min Generation : KAKATIYA TPS UNIT - 2 600 MW



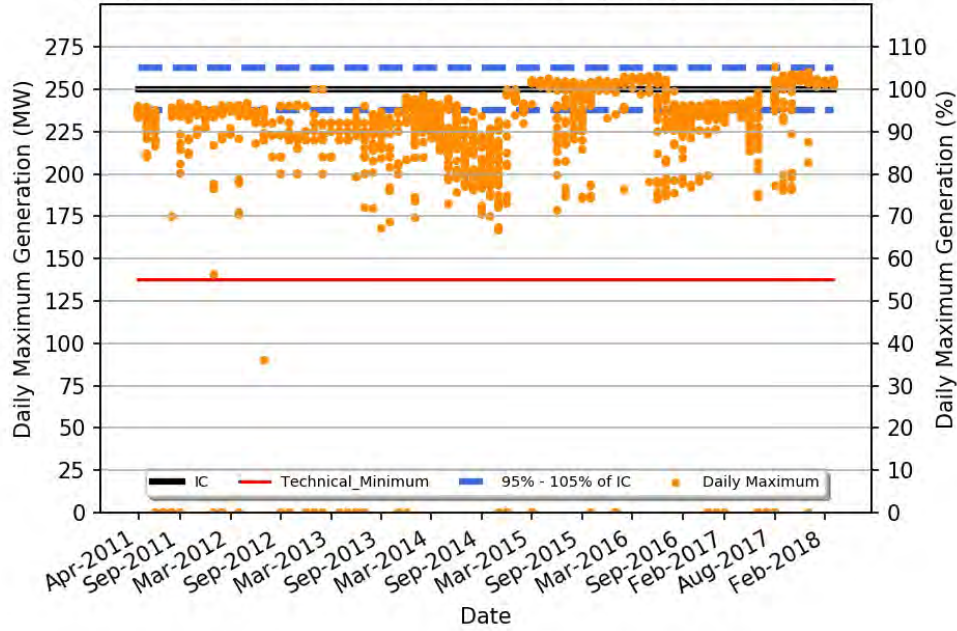
Daily Flexibility(%) : KAKATIYA TPS UNIT - 2 600 MW



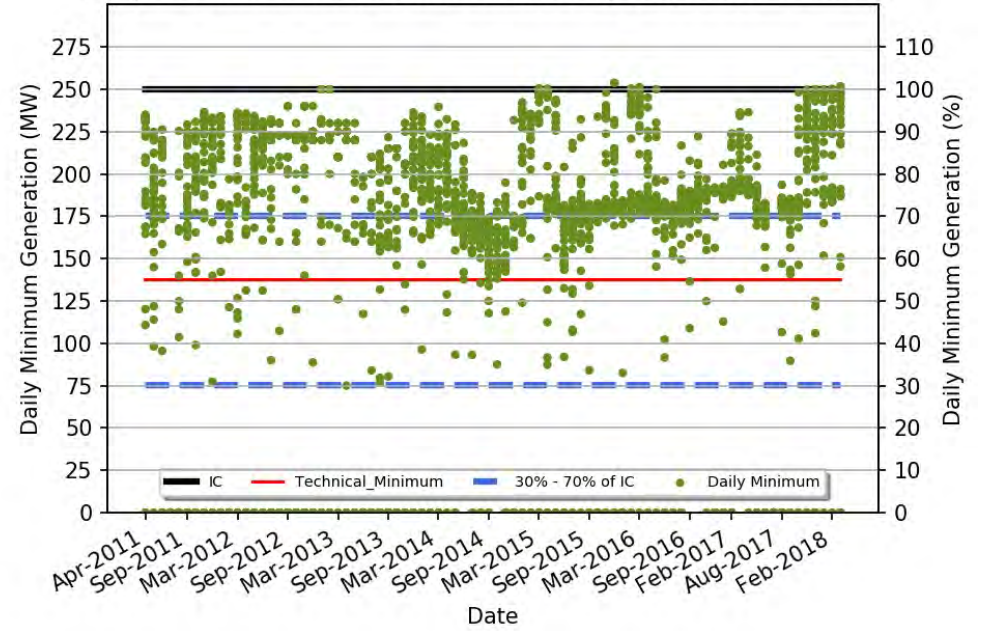
**KAKATIYA TPS UNIT - 2 600 MW**

<b>Region</b>	<b>: Southern Region</b>
<b>Number of Days Considered</b>	<b>: 641</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 35 (%)</b>
(% of total days in operation)	
<b>No. Of Days Min Generation Achieved</b>	<b>: 42 (%)</b>
(% of total days in operation)	
<b>Average Flexibility</b>	<b>: 24 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 543</b>
<b>Daily Average (MW)</b>	<b>: 485</b>
<b>Average Daily Min (MW)</b>	<b>: 398</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 90</b>
<b>Daily Average/IC (%)</b>	<b>: 80</b>
<b>Average Daily Min/IC (%)</b>	<b>: 66</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 277</b>

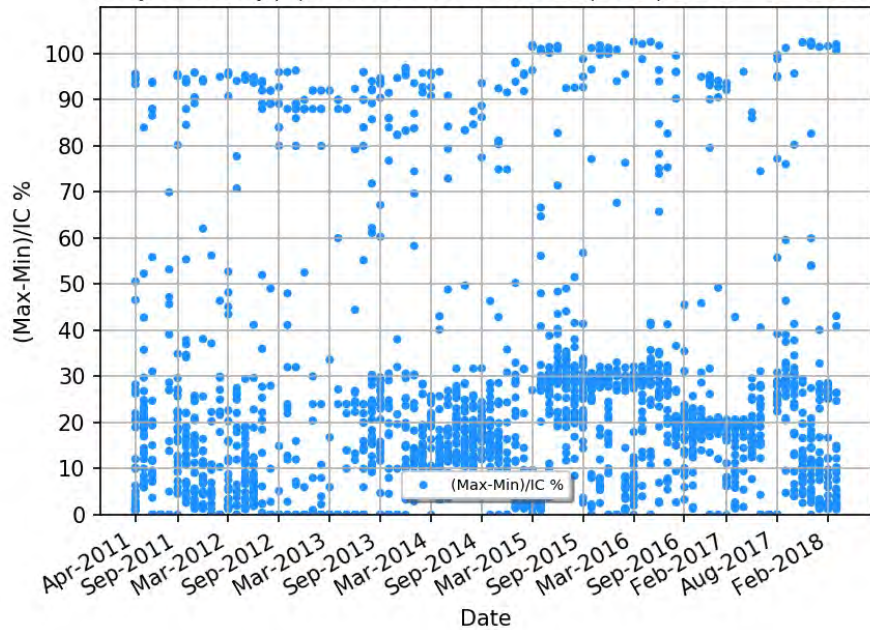
Daily Max Generation : KOTHAGUDEM TPS (NEW) UNIT - 9 250 MW



Daily Min Generation : KOTHAGUDEM TPS (NEW) UNIT - 9 250 MW



Daily Flexibility(%) : KOTHAGUDEM TPS (NEW) UNIT - 9 250 MW

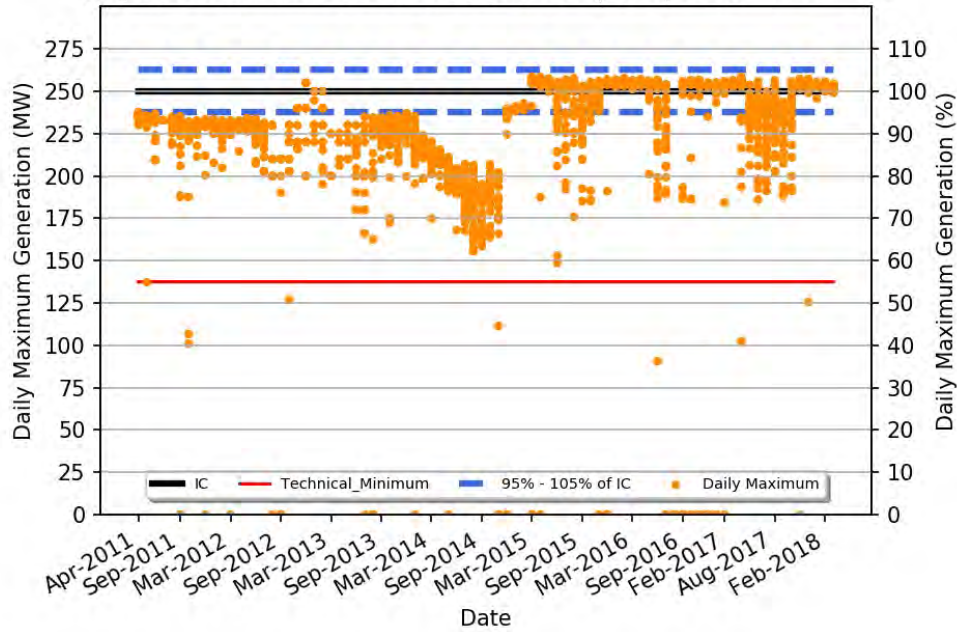


**KOTHAGUDEM TPS (NEW) UNIT - 9 250 MW**

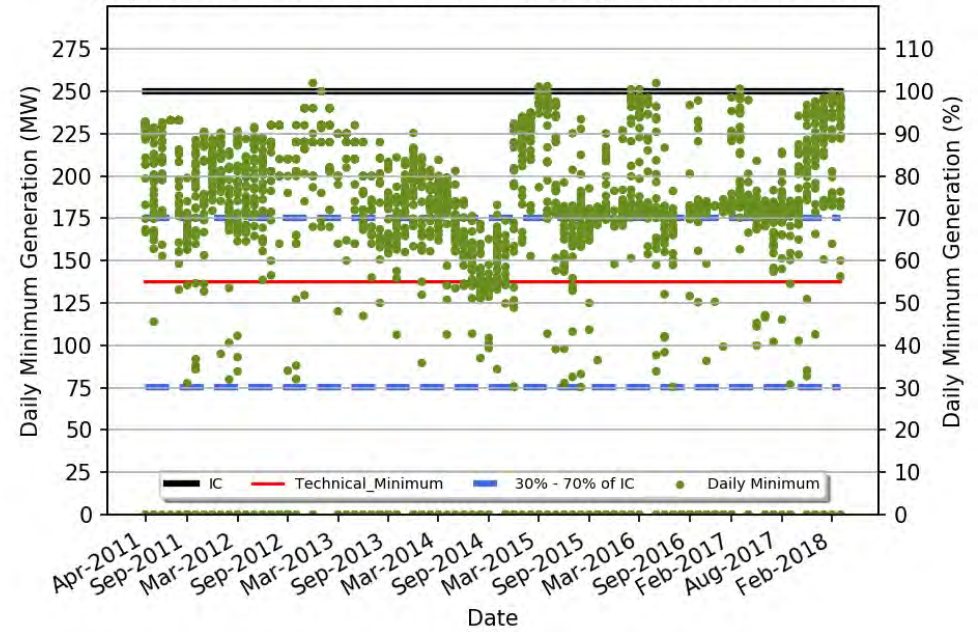
Region	: Southern Region
Number of Days Considered	: 2250
No. Of Days Max Generation Achieved	: 47 (%)
(% of total days in operation)	
No. Of Days Min Generation Achieved	: 20 (%)
(% of total days in operation)	
Average Flexibility	: 22 (%)
Average Daily Max (MW)	: 234
Daily Average (MW)	: 214
Average Daily Min (MW)	: 177
Average Daily Max/ IC (%)	: 93
Daily Average/IC (%)	: 85
Average Daily Min/IC (%)	: 70
Variable Charge (Paisa/kWh)	: 259



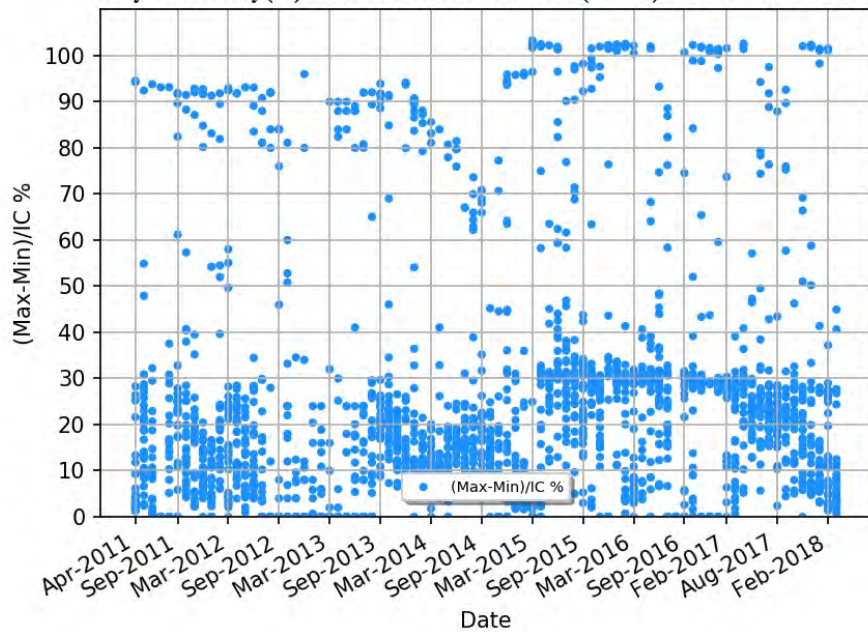
Daily Max Generation : KOTHAGUDEM TPS (NEW) UNIT - 10 250 MW



Daily Min Generation : KOTHAGUDEM TPS (NEW) UNIT - 10 250 MW



Daily Flexibility(%): KOTHAGUDEM TPS (NEW) UNIT - 10 250 MW

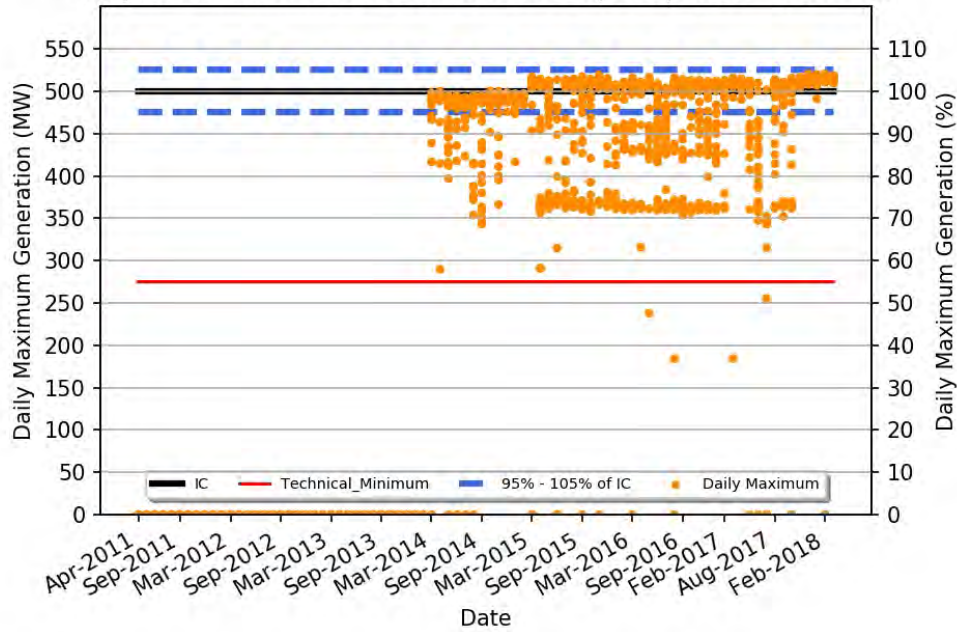


### KOTHAGUDEM TPS (NEW) UNIT - 10 250 MW

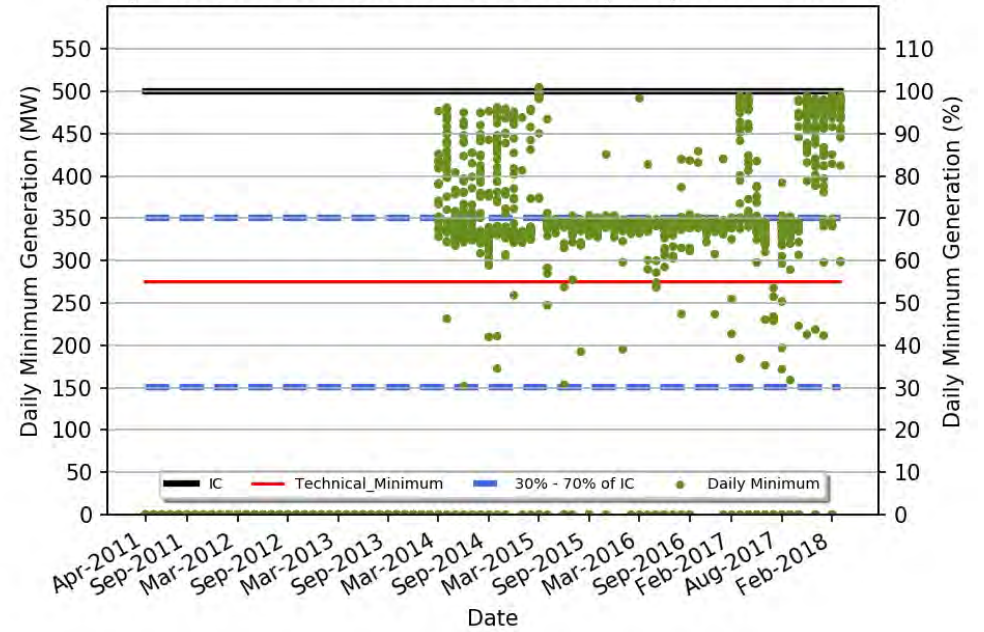
Region	: Southern Region
Number of Days Considered	: 2337
No. Of Days Max Generation Achieved	: 37 (%)
(% of total days in operation)	
No. Of Days Min Generation Achieved	: 24 (%)
(% of total days in operation)	
Average Flexibility	: 22 (%)
Average Daily Max (MW)	: 230
Daily Average (MW)	: 212
Average Daily Min (MW)	: 174
Average Daily Max/ IC (%)	: 92
Daily Average/IC (%)	: 84
Average Daily Min/IC (%)	: 69
Variable Charge (Paisa/kWh)	: 276



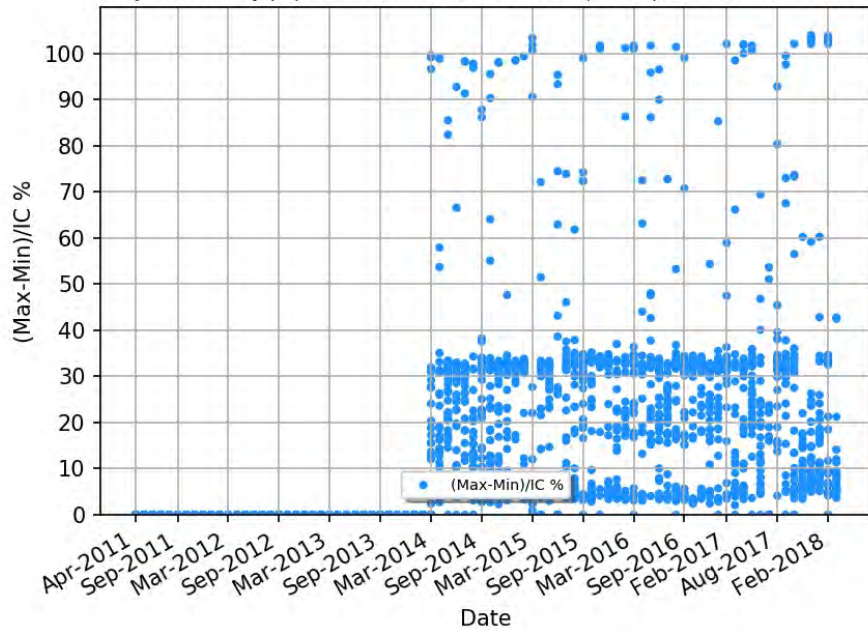
Daily Max Generation : KOTHAGUDEM TPS (NEW) UNIT - 11 500 MW



Daily Min Generation : KOTHAGUDEM TPS (NEW) UNIT - 11 500 MW



Daily Flexibility(%) : KOTHAGUDEM TPS (NEW) UNIT - 11 500 MW

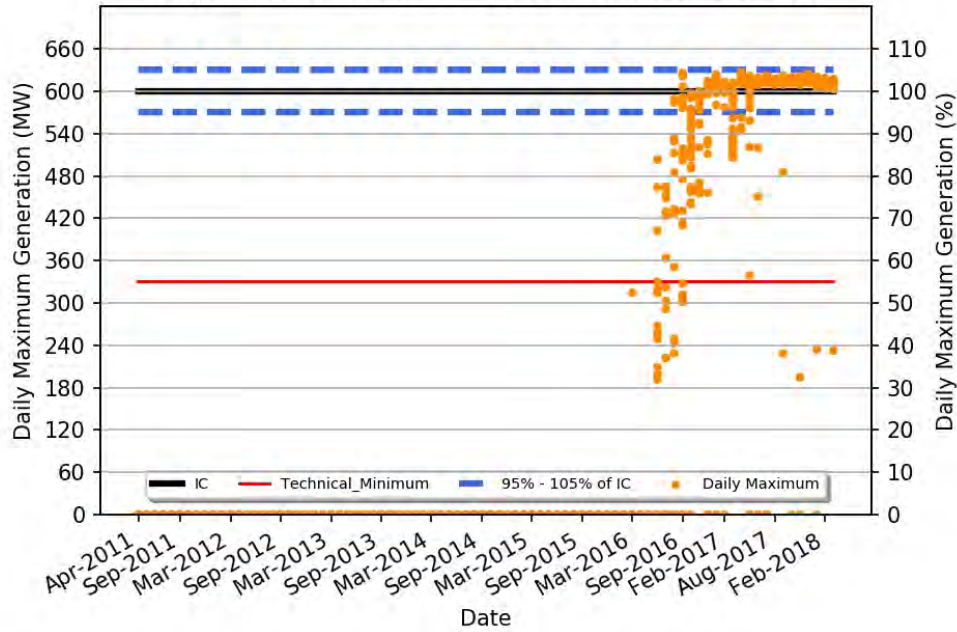


### KOTHAGUDEM TPS (NEW) UNIT - 11 500 MW

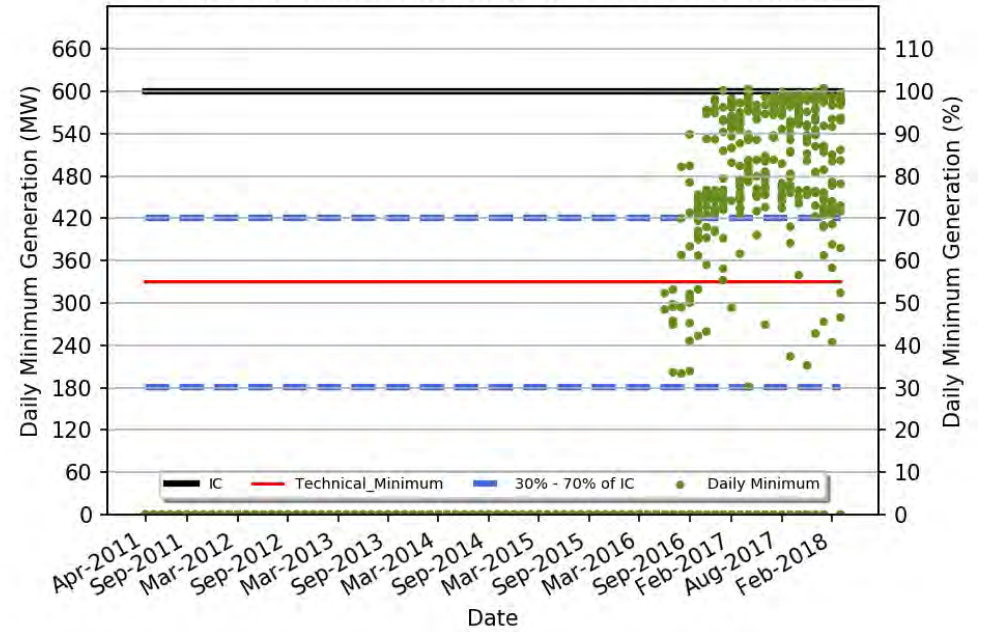
<b>Region</b>	<b>: Southern Region</b>
<b>Number of Days Considered</b>	<b>: 1395</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 66 (%)</b>
(% of total days in operation)	
<b>No. Of Days Min Generation Achieved</b>	<b>: 68 (%)</b>
(% of total days in operation)	
<b>Average Flexibility</b>	<b>: 24 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 468</b>
<b>Daily Average (MW)</b>	<b>: 408</b>
<b>Average Daily Min (MW)</b>	<b>: 344</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 93</b>
<b>Daily Average/IC (%)</b>	<b>: 81</b>
<b>Average Daily Min/IC (%)</b>	<b>: 68</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 259</b>



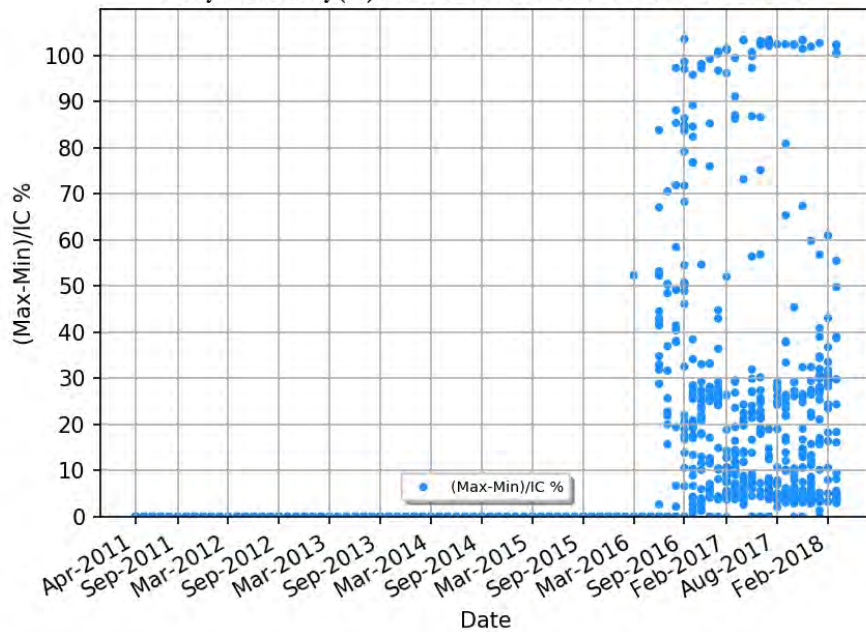
Daily Max Generation : SINGARENI TPP UNIT - 1 600 MW



Daily Min Generation : SINGARENI TPP UNIT - 1 600 MW



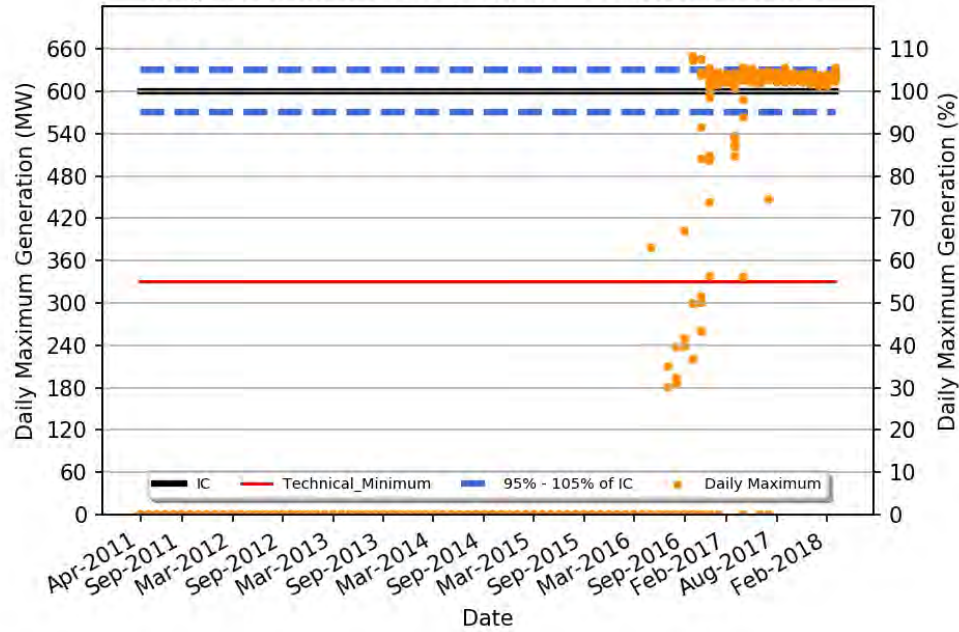
Daily Flexibility(%) : SINGARENI TPP UNIT - 1 600 MW



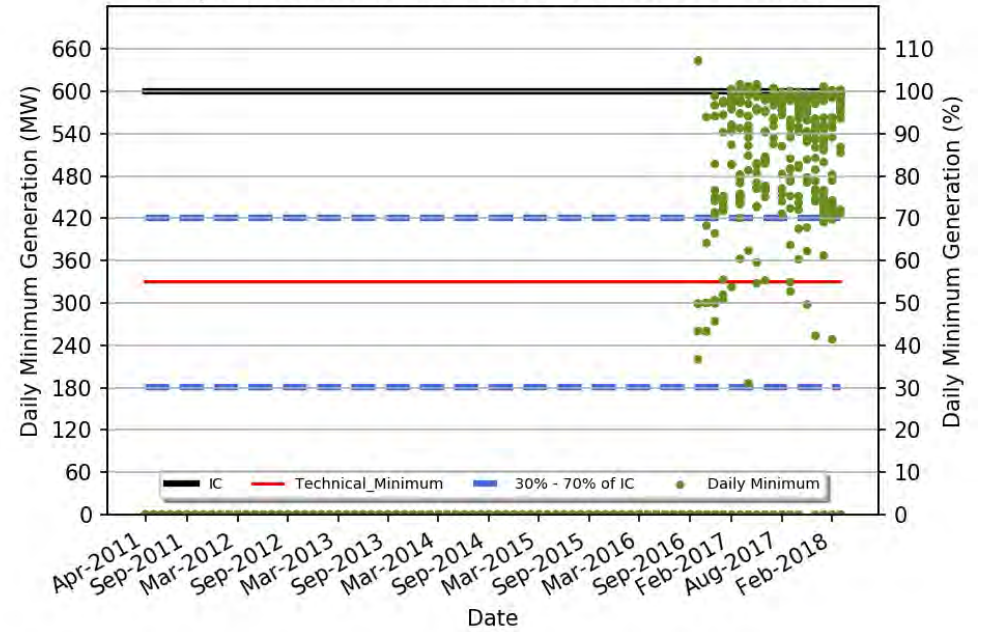
**SINGARENI TPP UNIT - 1 600 MW**

<b>Region</b>	<b>: Southern Region</b>
<b>Number of Days Considered</b>	<b>: 537</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 83 (%)</b>
(% of total days in operation)	
<b>No. Of Days Min Generation Achieved</b>	<b>: 10 (%)</b>
(% of total days in operation)	
<b>Average Flexibility</b>	<b>: 25 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 587</b>
<b>Daily Average (MW)</b>	<b>: 543</b>
<b>Average Daily Min (MW)</b>	<b>: 436</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 97</b>
<b>Daily Average/IC (%)</b>	<b>: 90</b>
<b>Average Daily Min/IC (%)</b>	<b>: 72</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 266</b>

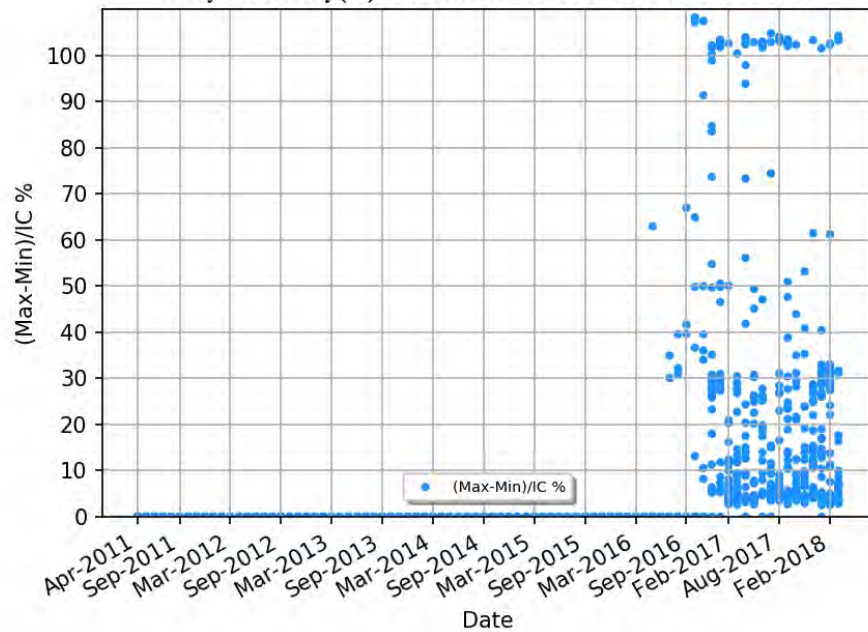
Daily Max Generation : SINGARENI TPP UNIT - 2 600 MW



Daily Min Generation : SINGARENI TPP UNIT - 2 600 MW



Daily Flexibility(%) : SINGARENI TPP UNIT - 2 600 MW



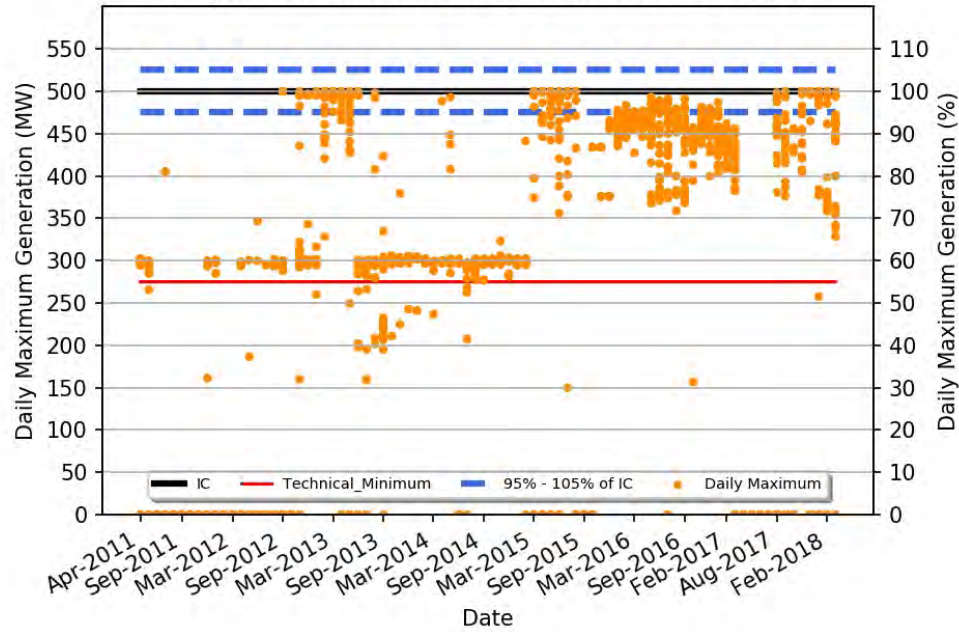
**SINGARENI TPP UNIT - 2 600 MW**

<b>Region</b>	<b>: Southern Region</b>
<b>Number of Days Considered</b>	<b>: 490</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 91 (%)</b>
(% of total days in operation)	
<b>No. Of Days Min Generation Achieved</b>	<b>: 9 (%)</b>
(% of total days in operation)	
<b>Average Flexibility</b>	<b>: 23 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 604</b>
<b>Daily Average (MW)</b>	<b>: 568</b>
<b>Average Daily Min (MW)</b>	<b>: 463</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 100</b>
<b>Daily Average/IC (%)</b>	<b>: 94</b>
<b>Average Daily Min/IC (%)</b>	<b>: 77</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 266</b>

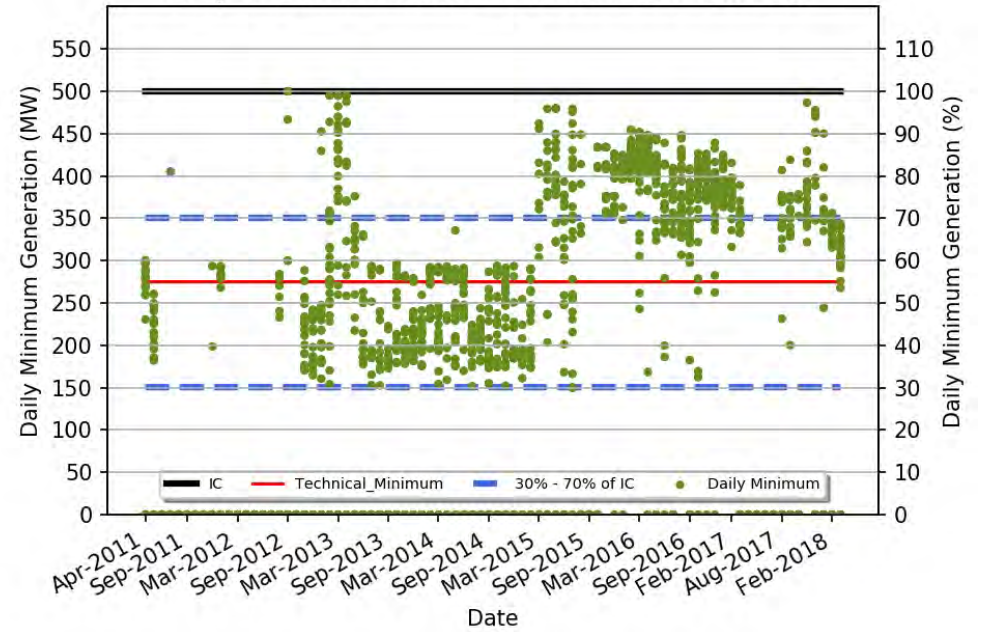


# KARNATAKA

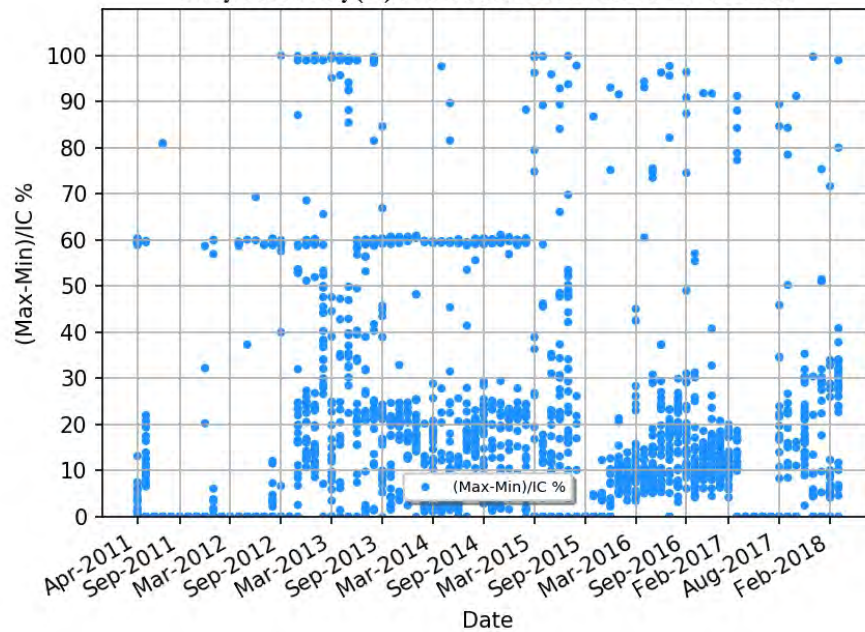
Daily Max Generation : BELLARY TPS UNIT - 1 500 MW



Daily Min Generation : BELLARY TPS UNIT - 1 500 MW



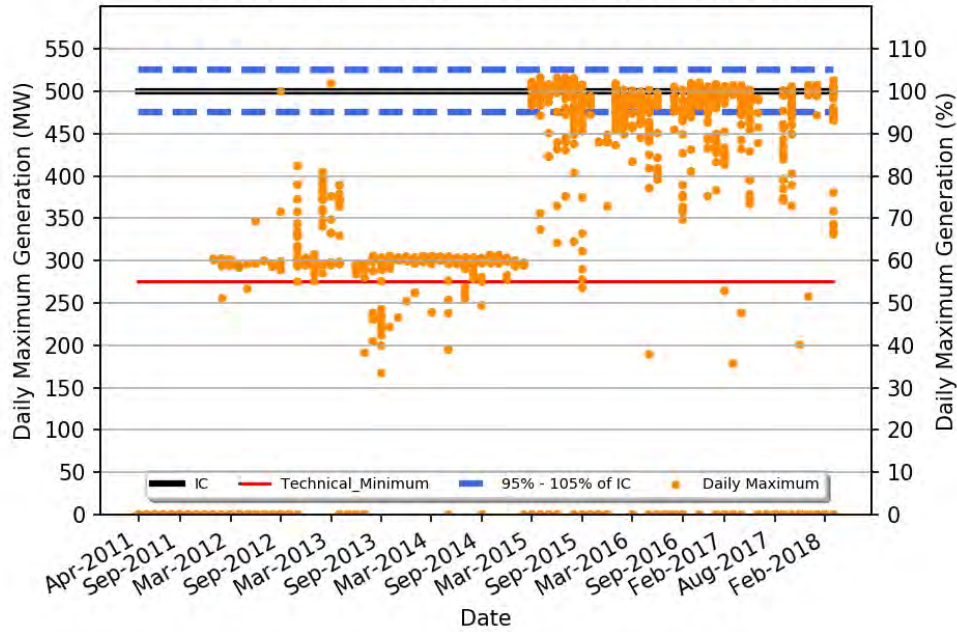
Daily Flexibility(%) : BELLARY TPS UNIT - 1 500 MW



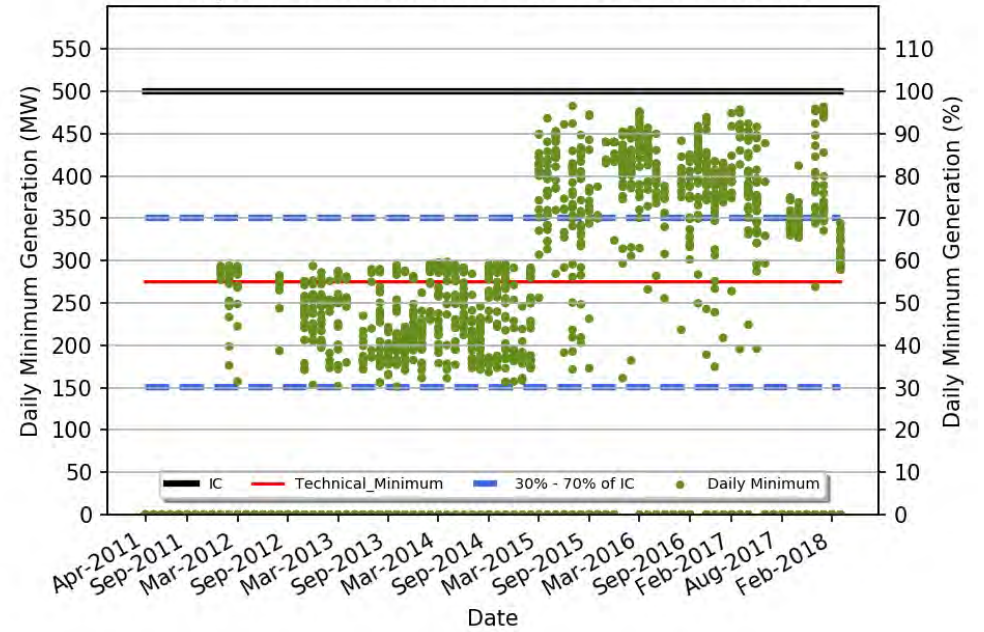
BELLARY TPS UNIT - 1 500 MW	
Region	: Southern Region
Number of Days Considered	: 1654
No. Of Days Max Generation Achieved	: 19 (%)
(% of total days in operation)	
No. Of Days Min Generation Achieved	: 48 (%)
(% of total days in operation)	
Average Flexibility	: 23 (%)
Average Daily Max (MW)	: 384
Daily Average (MW)	: 349
Average Daily Min (MW)	: 265
Average Daily Max/ IC (%)	: 76
Daily Average/IC (%)	: 69
Average Daily Min/IC (%)	: 53
Variable Charge (Paisa/kWh)	: 395



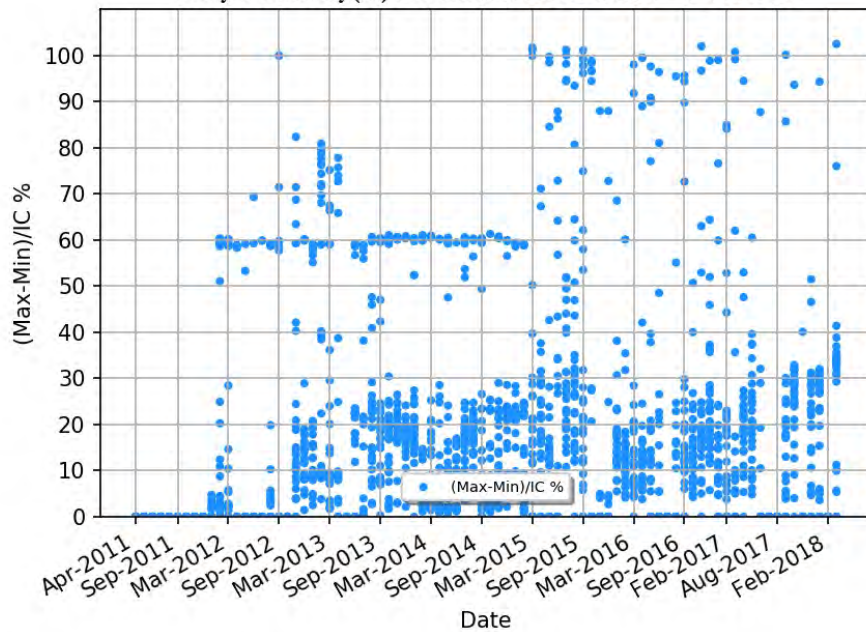
Daily Max Generation : BELLARY TPS UNIT - 2 500 MW



Daily Min Generation : BELLARY TPS UNIT - 2 500 MW



Daily Flexibility(%) : BELLARY TPS UNIT - 2 500 MW

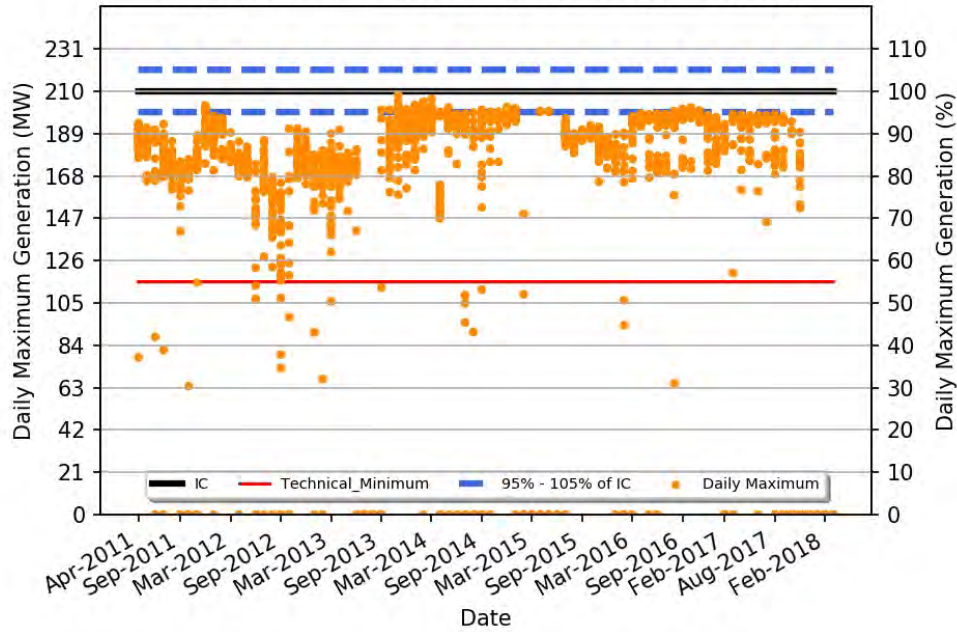


**BELLARY TPS UNIT - 2 500 MW**

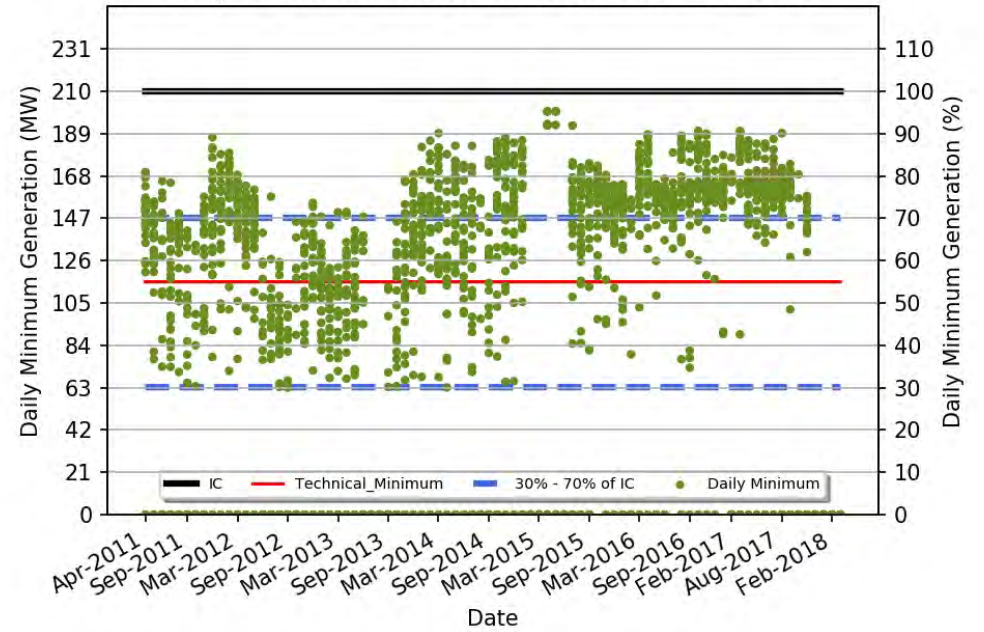
<b>Region</b>	<b>: Southern Region</b>
<b>Number of Days Considered</b>	<b>: 1529</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 32 (%)</b>
(% of total days in operation)	
<b>No. Of Days Min Generation Achieved</b>	<b>: 53 (%)</b>
(% of total days in operation)	
<b>Average Flexibility</b>	<b>: 23 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 381</b>
<b>Daily Average (MW)</b>	<b>: 345</b>
<b>Average Daily Min (MW)</b>	<b>: 265</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 76</b>
<b>Daily Average/IC (%)</b>	<b>: 69</b>
<b>Average Daily Min/IC (%)</b>	<b>: 53</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 395</b>



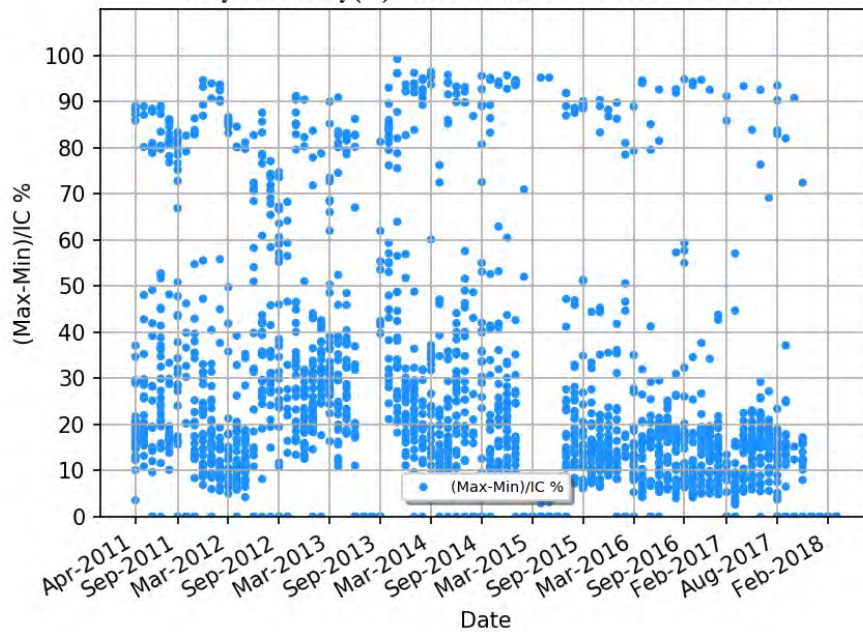
Daily Max Generation : RAICHUR TPS UNIT - 1 210 MW



Daily Min Generation : RAICHUR TPS UNIT - 1 210 MW



Daily Flexibility(%) : RAICHUR TPS UNIT - 1 210 MW

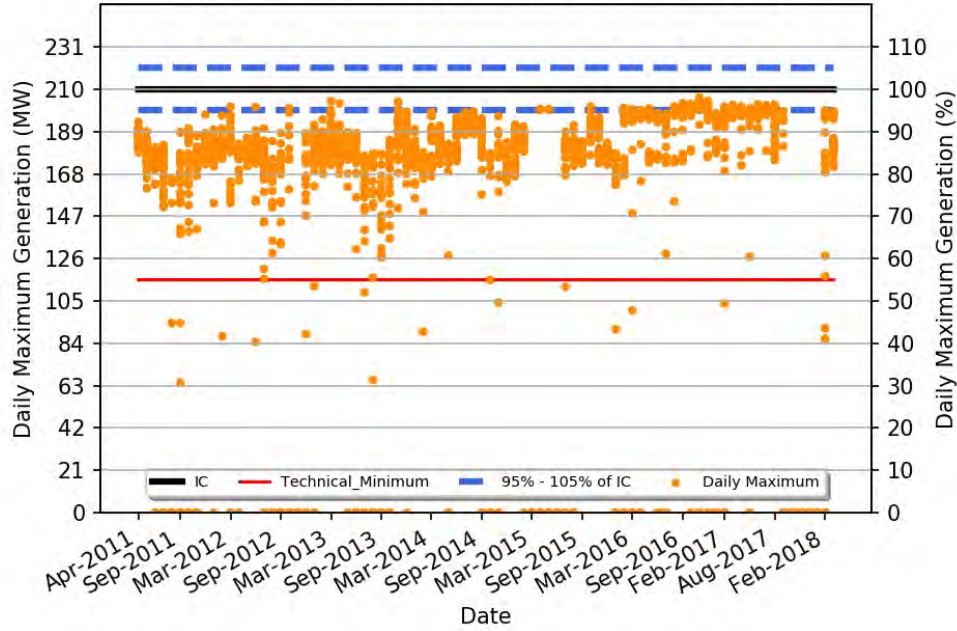


### RAICHUR TPS UNIT - 1 210 MW

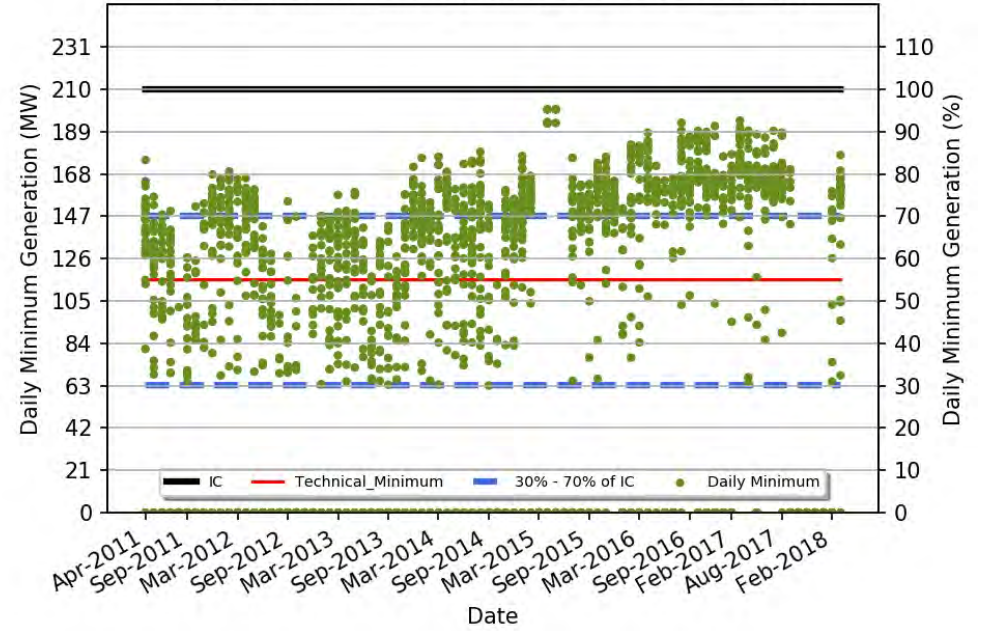
Region	: Southern Region
Number of Days Considered	: 1882
No. Of Days Max Generation Achieved	: 6 (%)
(% of total days in operation)	
No. Of Days Min Generation Achieved	: 38 (%)
(% of total days in operation)	
Average Flexibility	: 29 (%)
Average Daily Max (MW)	: 184
Daily Average (MW)	: 166
Average Daily Min (MW)	: 123
Average Daily Max/ IC (%)	: 87
Daily Average/IC (%)	: 79
Average Daily Min/IC (%)	: 58
Variable Charge (Paisa/kWh)	: 391



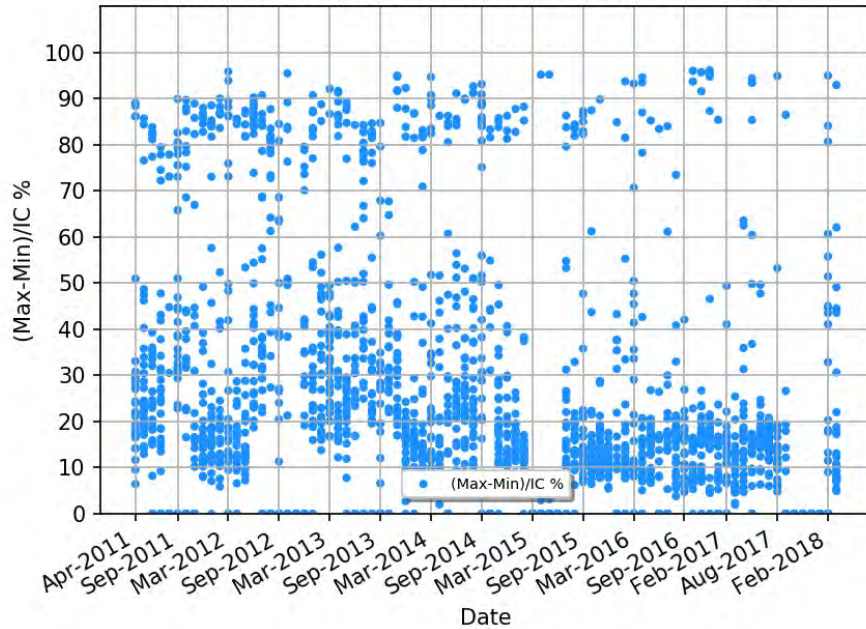
Daily Max Generation : RAICHUR TPS UNIT - 2 210 MW



Daily Min Generation : RAICHUR TPS UNIT - 2 210 MW



Daily Flexibility(%) : RAICHUR TPS UNIT - 2 210 MW

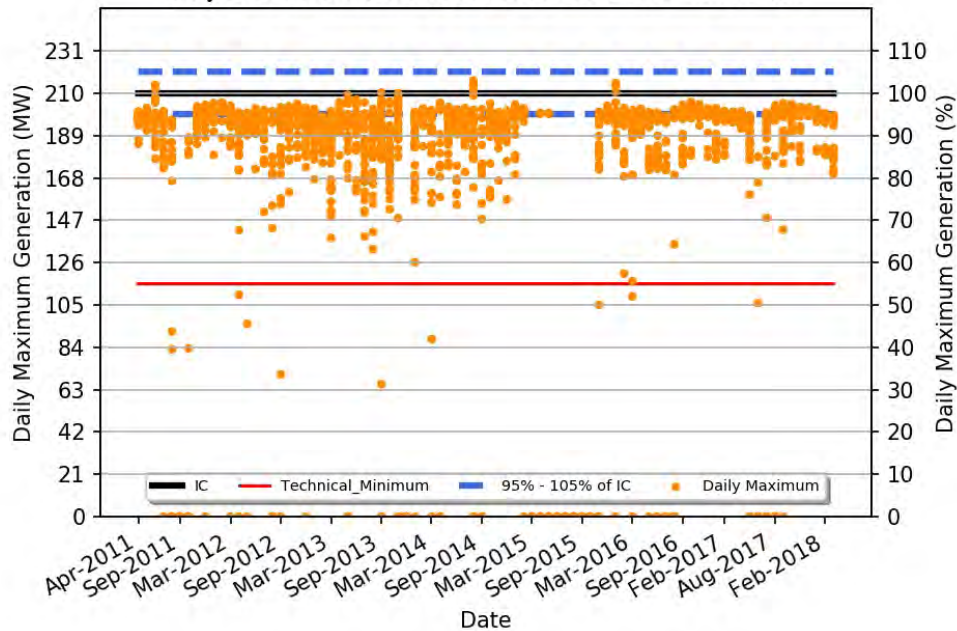


### RAICHUR TPS UNIT - 2 210 MW

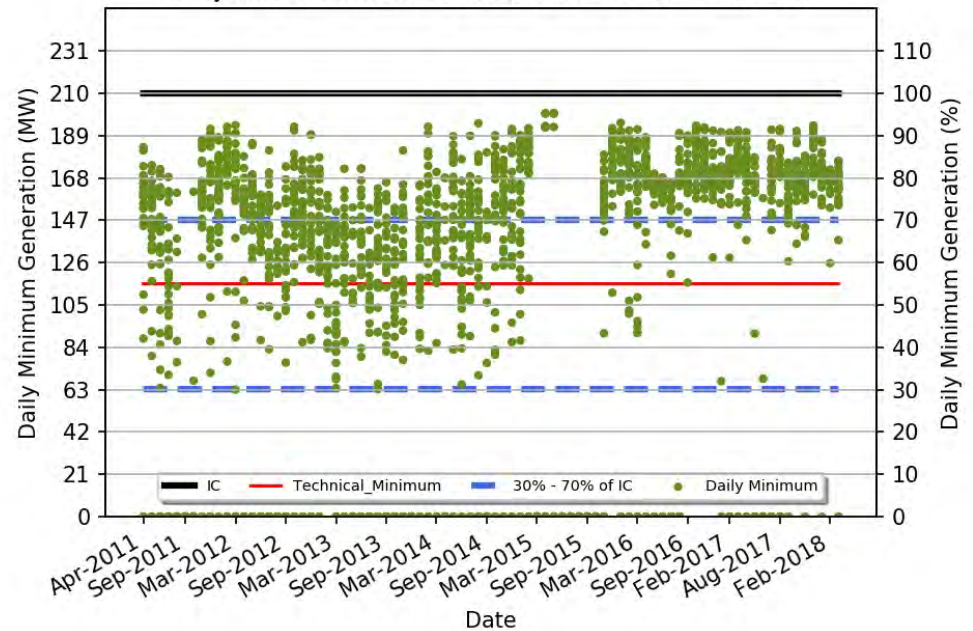
Region	: Southern Region
Number of Days Considered	: 1848
No. Of Days Max Generation Achieved	: 9 (%)
(% of total days in operation)	
No. Of Days Min Generation Achieved	: 40 (%)
(% of total days in operation)	
Average Flexibility	: 29 (%)
Average Daily Max (MW)	: 183
Daily Average (MW)	: 164
Average Daily Min (MW)	: 121
Average Daily Max/ IC (%)	: 87
Daily Average/IC (%)	: 78
Average Daily Min/IC (%)	: 58
Variable Charge (Paisa/kWh)	: 391



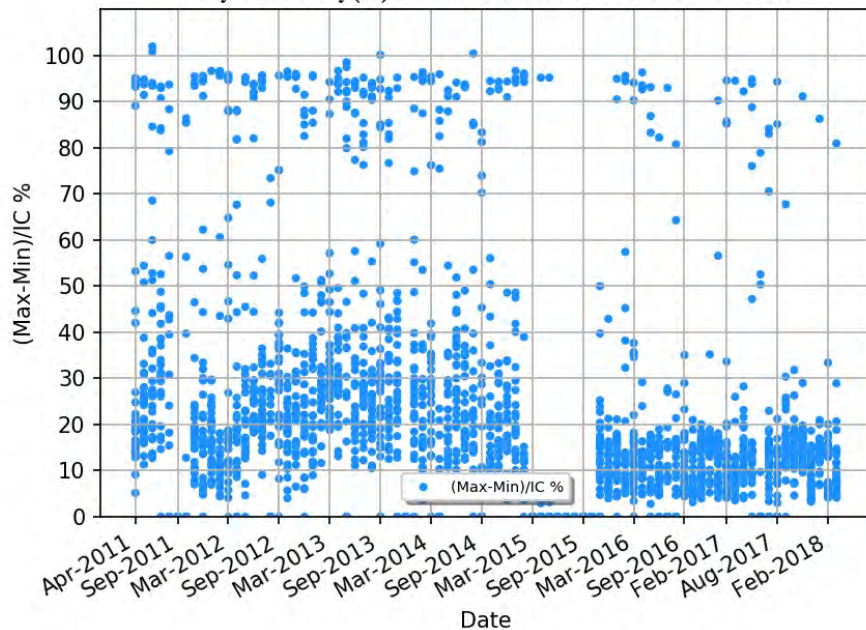
Daily Max Generation : RAICHUR TPS UNIT - 3 210 MW



Daily Min Generation : RAICHUR TPS UNIT - 3 210 MW



Daily Flexibility(%) : RAICHUR TPS UNIT - 3 210 MW

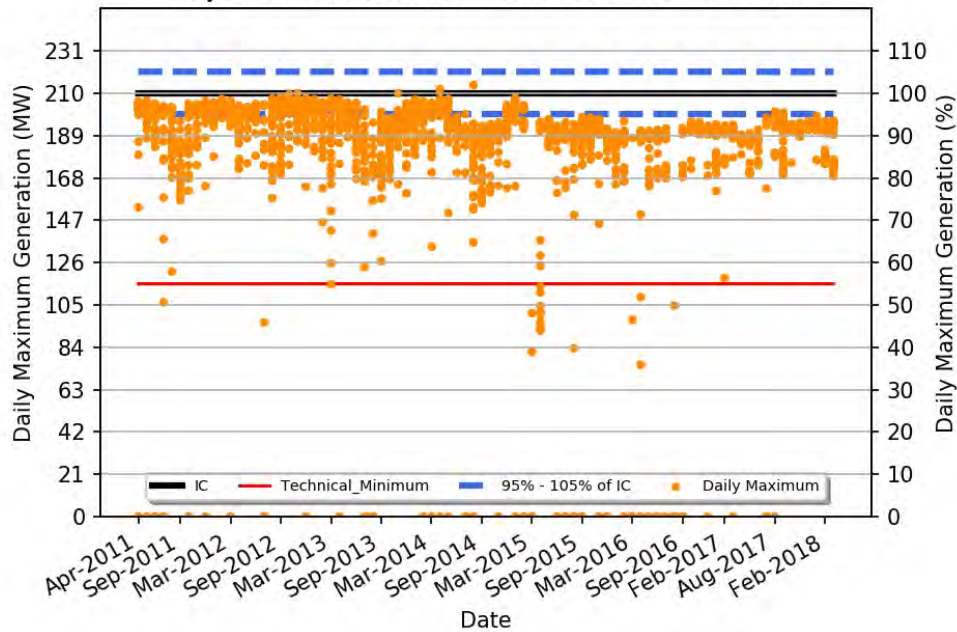


### RAICHUR TPS UNIT - 3 210 MW

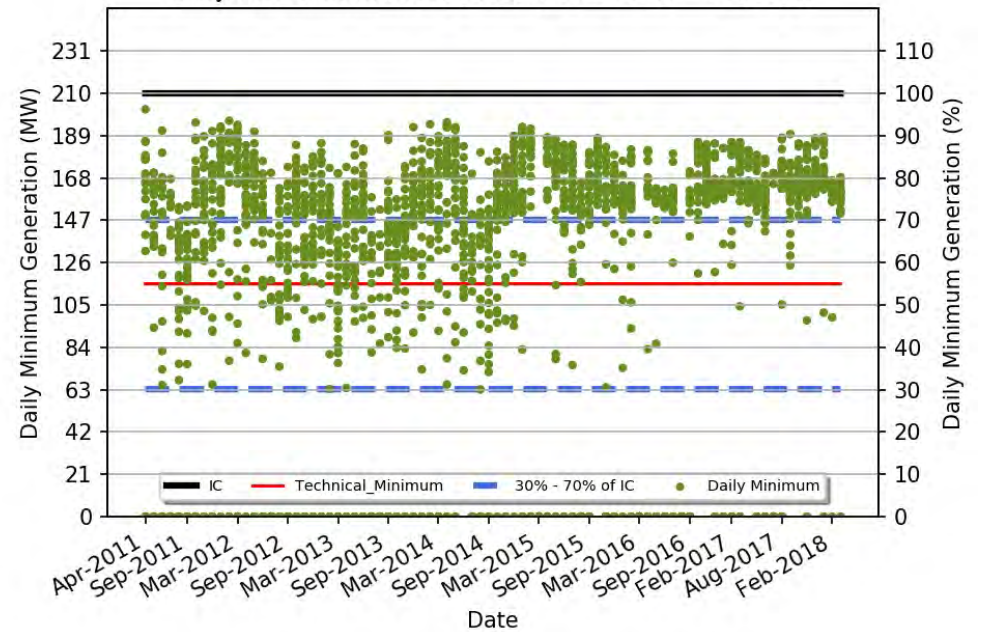
Region	: Southern Region
Number of Days Considered	: 2010
No. Of Days Max Generation Achieved	: 34 (%)
(% of total days in operation)	
No. Of Days Min Generation Achieved	: 28 (%)
(% of total days in operation)	
Average Flexibility	: 26 (%)
Average Daily Max (MW)	: 193
Daily Average (MW)	: 174
Average Daily Min (MW)	: 138
Average Daily Max/ IC (%)	: 92
Daily Average/IC (%)	: 83
Average Daily Min/IC (%)	: 66
Variable Charge (Paisa/kWh)	: 391



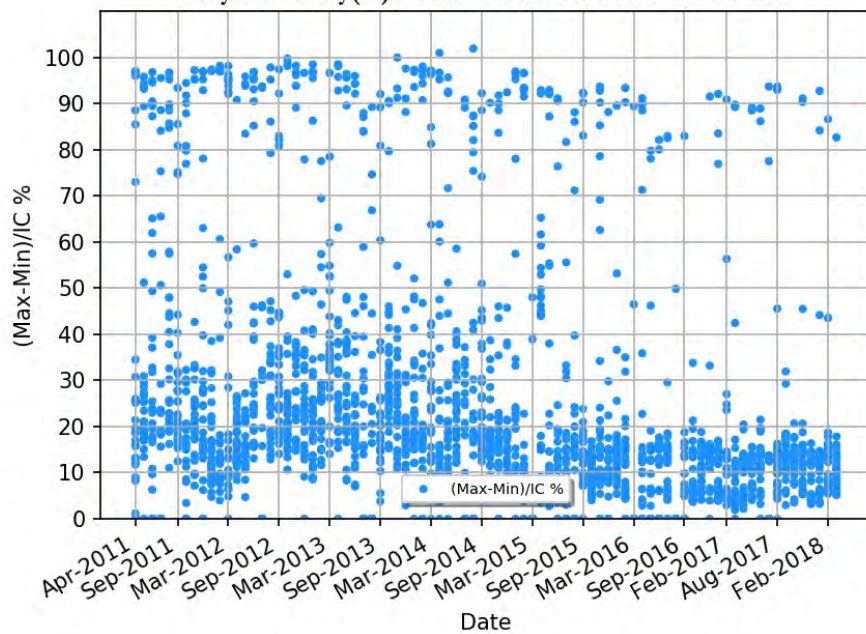
Daily Max Generation : RAICHUR TPS UNIT - 4 210 MW



Daily Min Generation : RAICHUR TPS UNIT - 4 210 MW



Daily Flexibility(%) : RAICHUR TPS UNIT - 4 210 MW

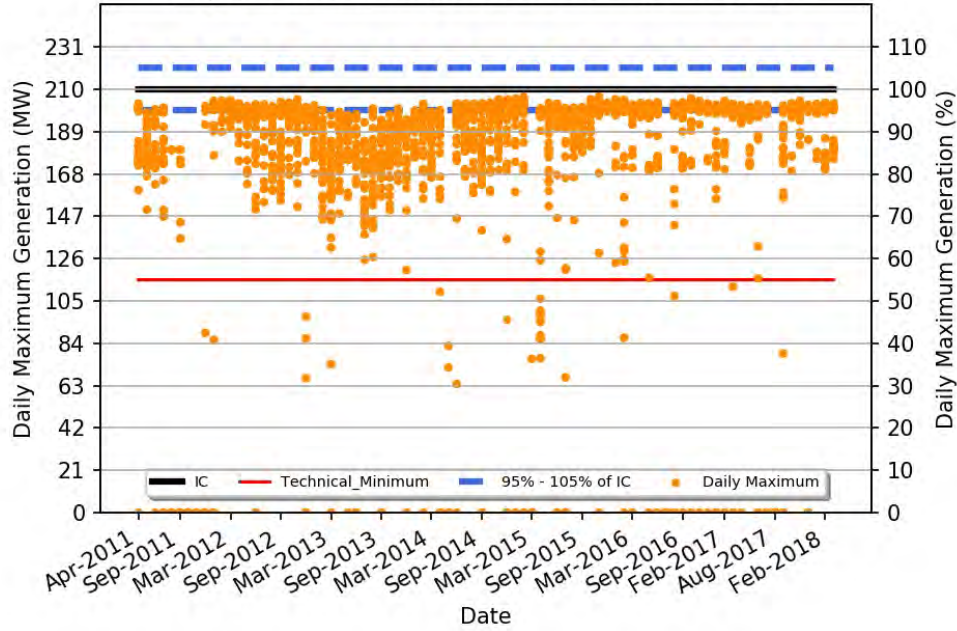


### RAICHUR TPS UNIT - 4 210 MW

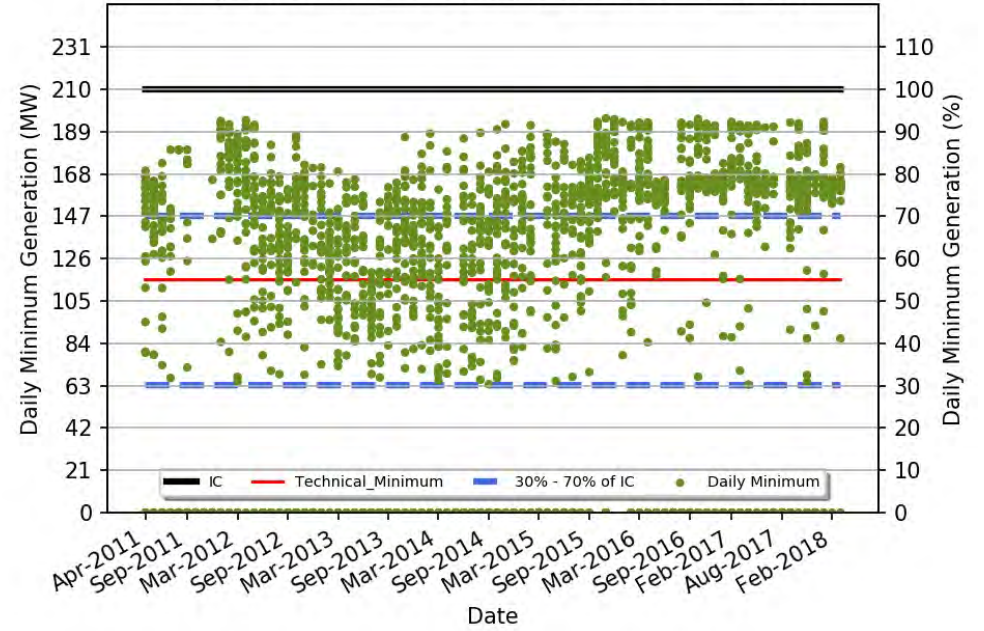
Region	: Southern Region
Number of Days Considered	: 2172
No. Of Days Max Generation Achieved	: 26 (%)
(% of total days in operation)	
No. Of Days Min Generation Achieved	: 24 (%)
(% of total days in operation)	
Average Flexibility	: 26 (%)
Average Daily Max (MW)	: 191
Daily Average (MW)	: 174
Average Daily Min (MW)	: 137
Average Daily Max/ IC (%)	: 91
Daily Average/IC (%)	: 82
Average Daily Min/IC (%)	: 65
Variable Charge (Paisa/kWh)	: 391



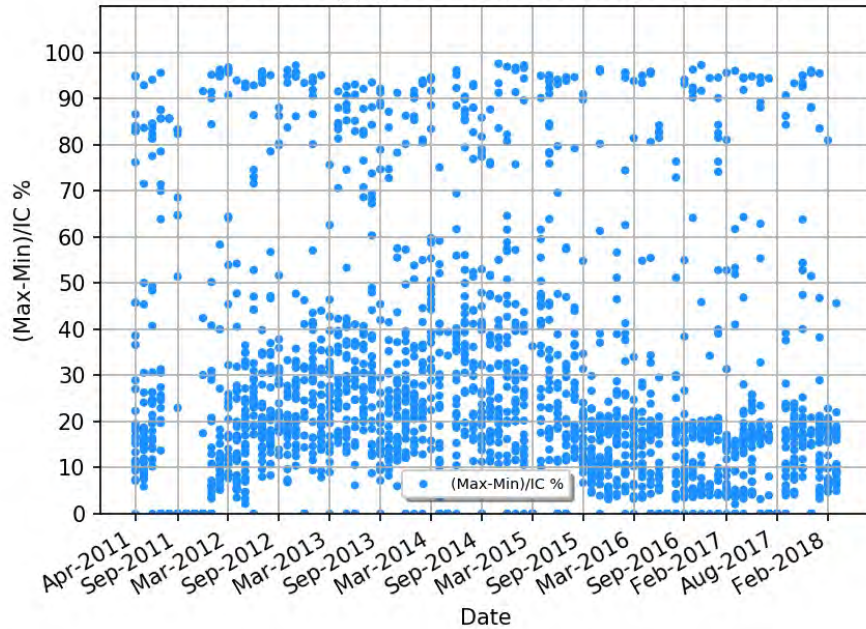
Daily Max Generation : RAICHUR TPS UNIT - 5 210 MW



Daily Min Generation : RAICHUR TPS UNIT - 5 210 MW



Daily Flexibility(%) : RAICHUR TPS UNIT - 5 210 MW

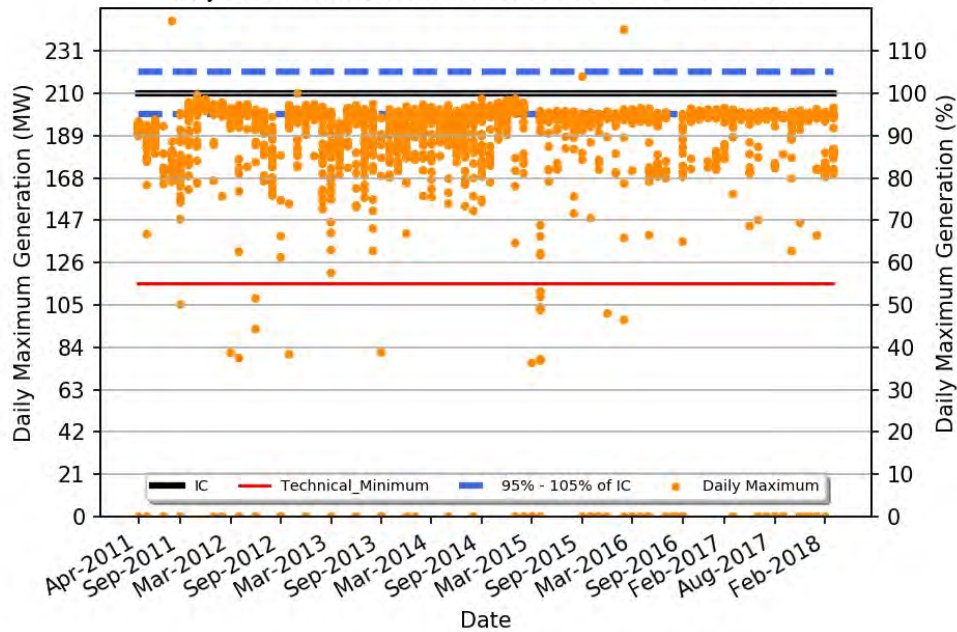


### RAICHUR TPS UNIT - 5 210 MW

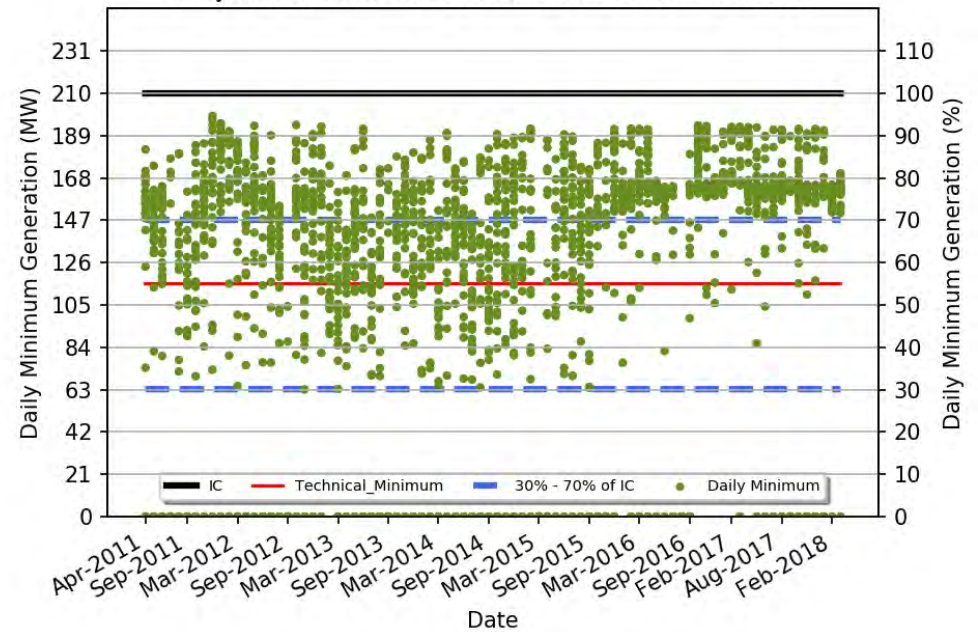
Region	: Southern Region
Number of Days Considered	: 2068
No. Of Days Max Generation Achieved	: 34 (%)
(% of total days in operation)	
No. Of Days Min Generation Achieved	: 35 (%)
(% of total days in operation)	
Average Flexibility	: 29 (%)
Average Daily Max (MW)	: 189
Daily Average (MW)	: 169
Average Daily Min (MW)	: 128
Average Daily Max/ IC (%)	: 90
Daily Average/IC (%)	: 80
Average Daily Min/IC (%)	: 61
Variable Charge (Paisa/kWh)	: 391



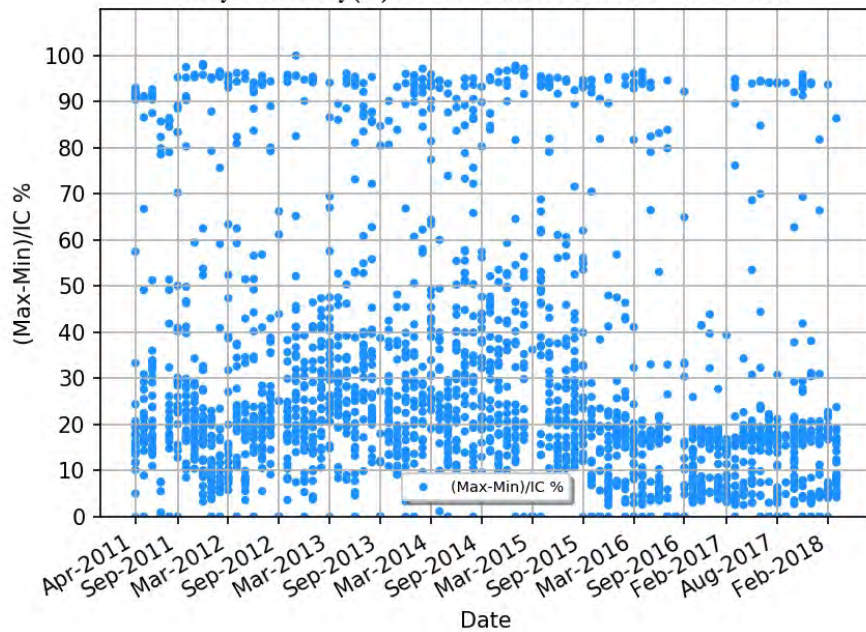
Daily Max Generation : RAICHUR TPS UNIT - 6 210 MW



Daily Min Generation : RAICHUR TPS UNIT - 6 210 MW



Daily Flexibility(%) : RAICHUR TPS UNIT - 6 210 MW

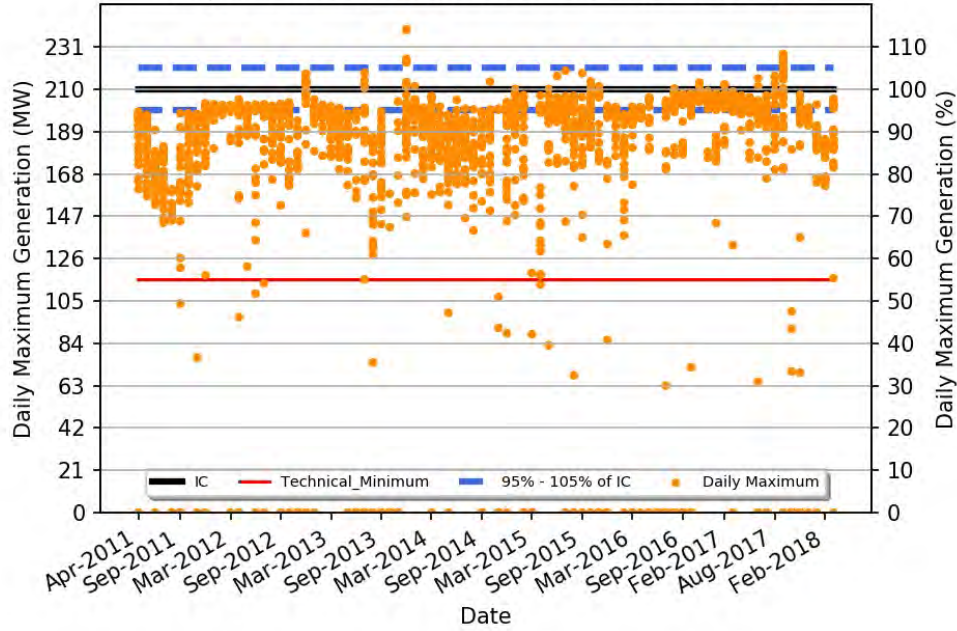


### RAICHUR TPS UNIT - 6 210 MW

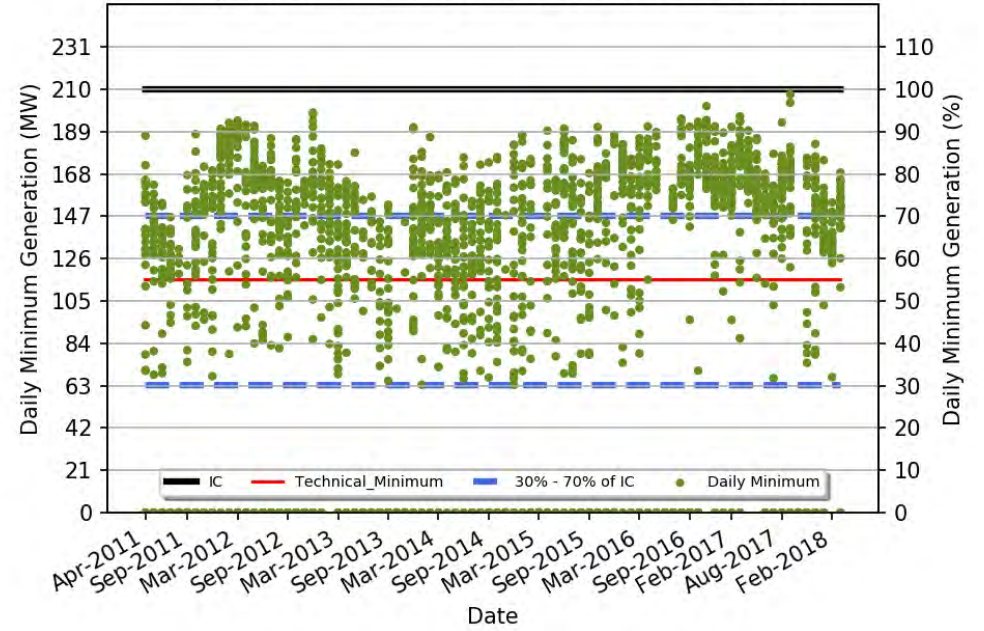
Region	: Southern Region
Number of Days Considered	: 2189
No. Of Days Max Generation Achieved	: 30 (%)
(% of total days in operation)	
No. Of Days Min Generation Achieved	: 32 (%)
(% of total days in operation)	
Average Flexibility	: 30 (%)
Average Daily Max (MW)	: 193
Daily Average (MW)	: 173
Average Daily Min (MW)	: 130
Average Daily Max/ IC (%)	: 92
Daily Average/IC (%)	: 82
Average Daily Min/IC (%)	: 62
Variable Charge (Paisa/kWh)	: 391



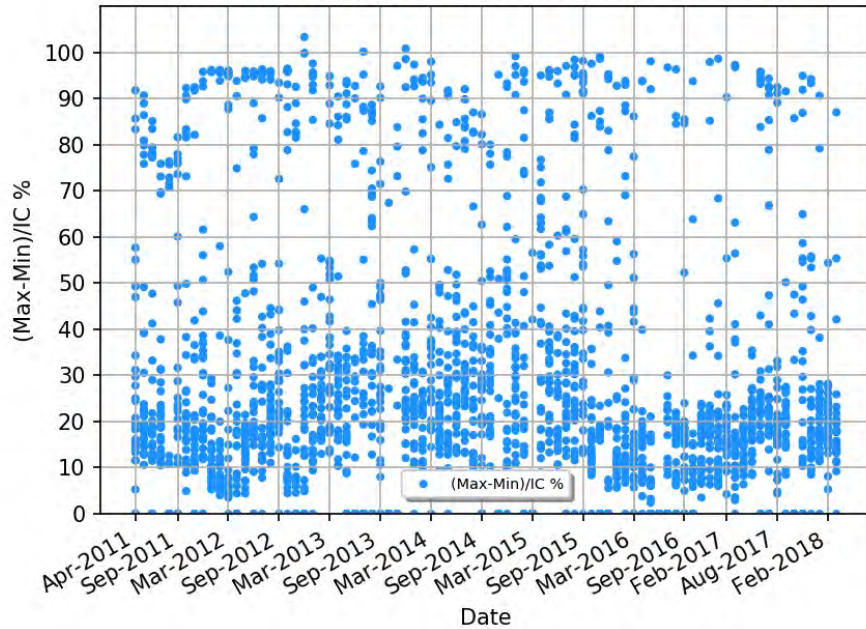
Daily Max Generation : RAICHUR TPS UNIT - 7 210 MW



Daily Min Generation : RAICHUR TPS UNIT - 7 210 MW



Daily Flexibility(%) : RAICHUR TPS UNIT - 7 210 MW

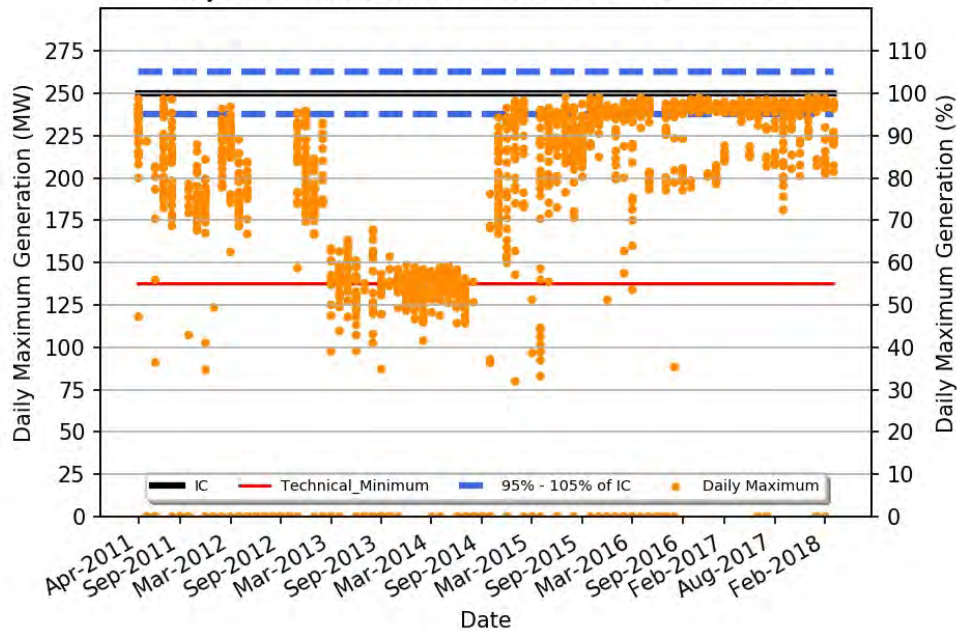


**RAICHUR TPS UNIT - 7 210 MW**

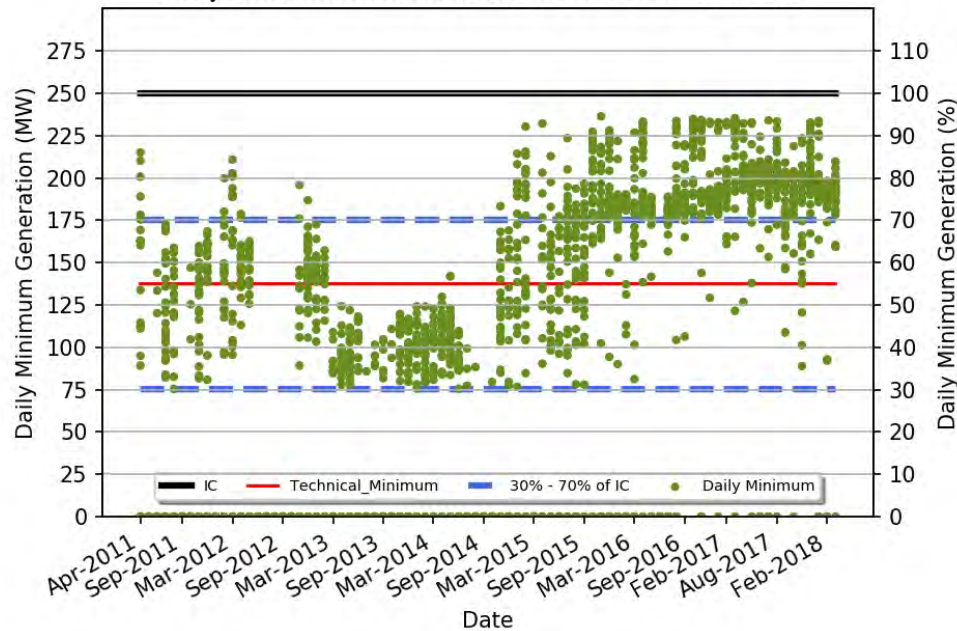
Region	: Southern Region
Number of Days Considered	: 2051
No. Of Days Max Generation Achieved	: 35 (%)
(% of total days in operation)	
No. Of Days Min Generation Achieved	: 37 (%)
(% of total days in operation)	
Average Flexibility	: 31 (%)
Average Daily Max (MW)	: 192
Daily Average (MW)	: 170
Average Daily Min (MW)	: 126
Average Daily Max/ IC (%)	: 91
Daily Average/IC (%)	: 81
Average Daily Min/IC (%)	: 60
Variable Charge (Paisa/kWh)	: 391



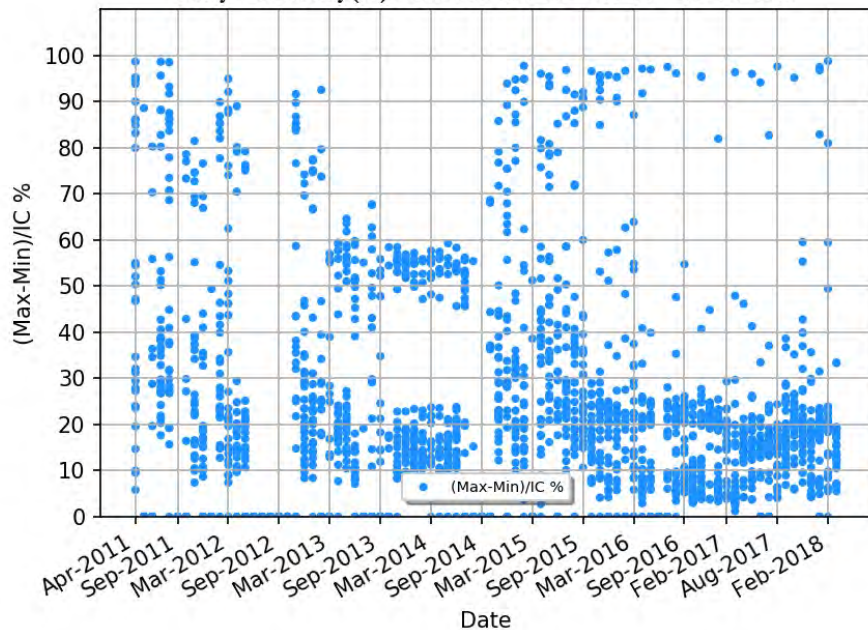
Daily Max Generation : RAICHUR TPS UNIT - 8 250 MW



Daily Min Generation : RAICHUR TPS UNIT - 8 250 MW



Daily Flexibility(%) : RAICHUR TPS UNIT - 8 250 MW

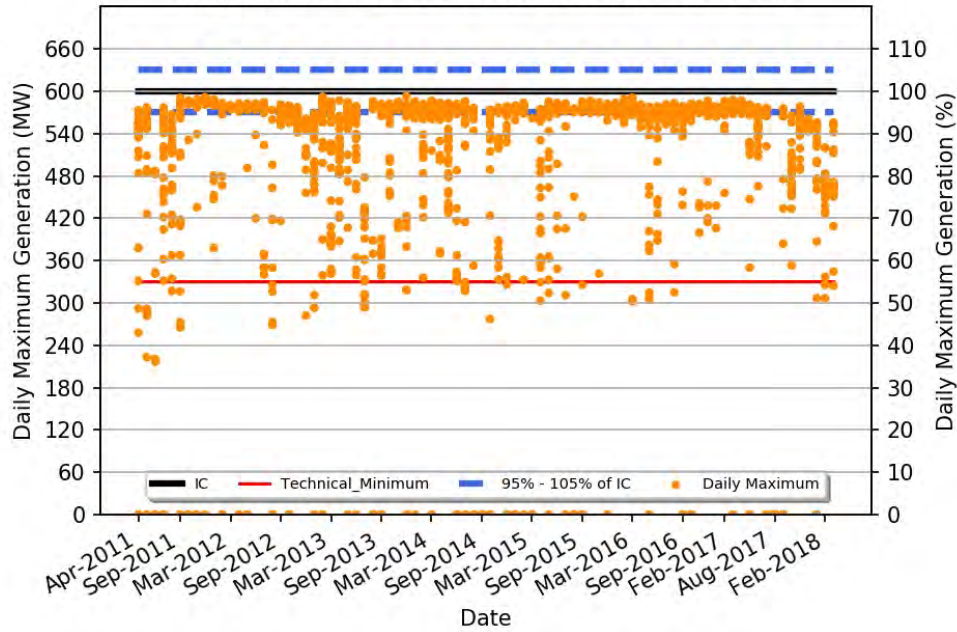


### RAICHUR TPS UNIT - 8 250 MW

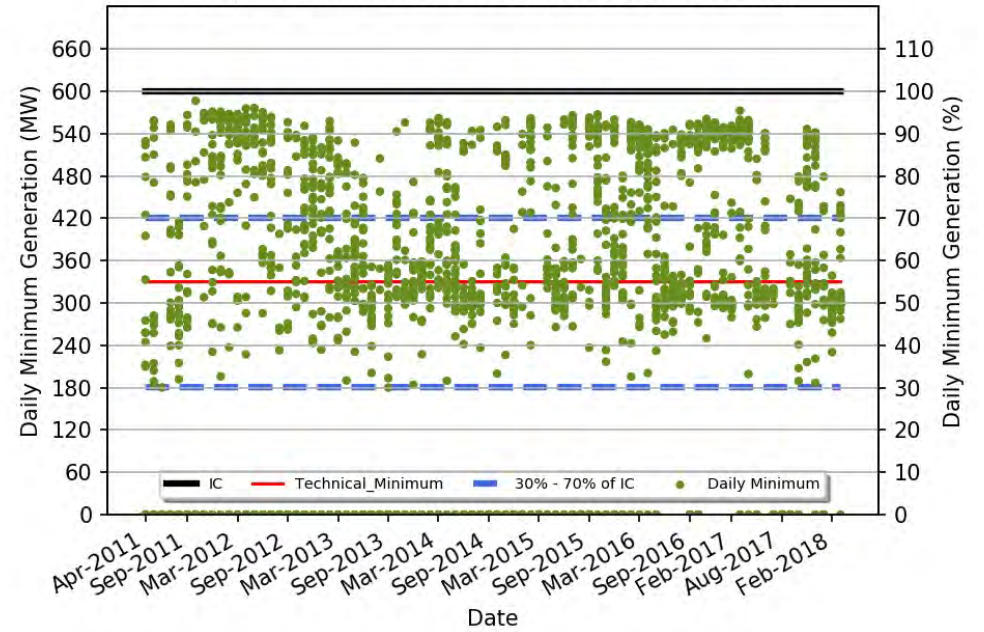
Region	: Southern Region
Number of Days Considered	: 1754
No. Of Days Max Generation Achieved	: 36 (%)
(% of total days in operation)	
No. Of Days Min Generation Achieved	: 41 (%)
(% of total days in operation)	
Average Flexibility	: 27 (%)
Average Daily Max (MW)	: 206
Daily Average (MW)	: 182
Average Daily Min (MW)	: 137
Average Daily Max/ IC (%)	: 82
Daily Average/IC (%)	: 73
Average Daily Min/IC (%)	: 54
Variable Charge (Paisa/kWh)	: 391



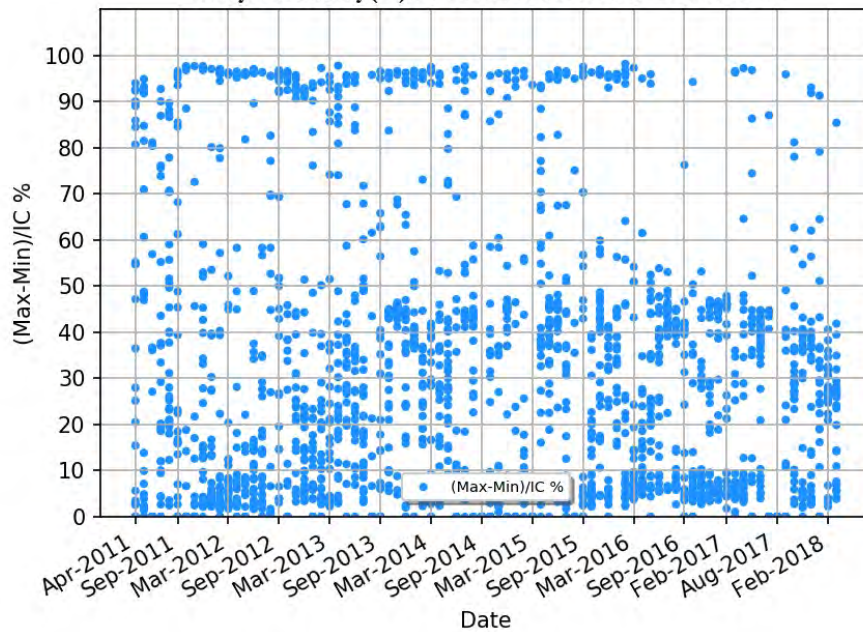
Daily Max Generation : UDUPI TPP UNIT - 1 600 MW



Daily Min Generation : UDUPI TPP UNIT - 1 600 MW



Daily Flexibility(%) : UDUPI TPP UNIT - 1 600 MW

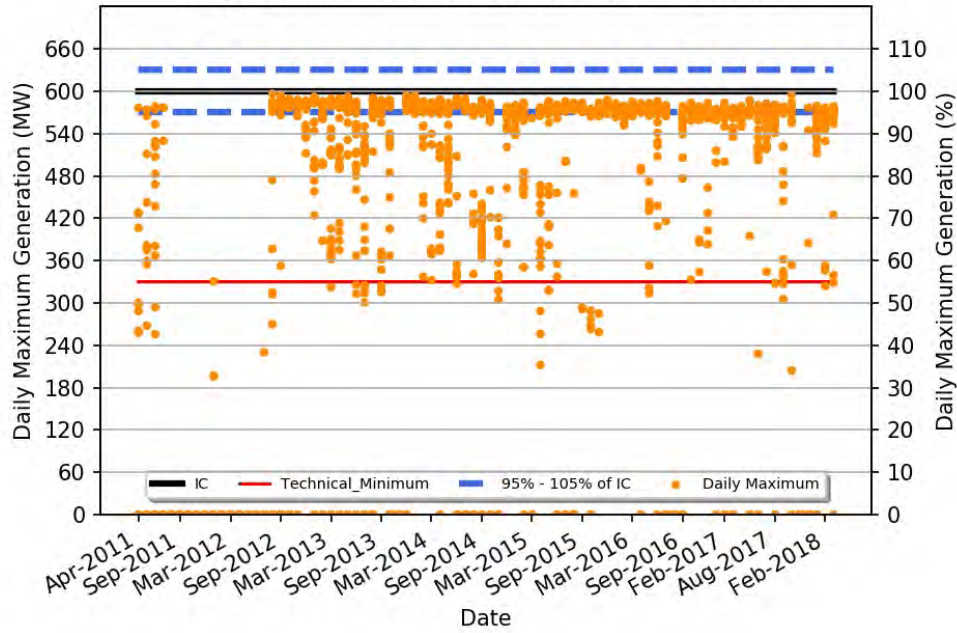


**UDUPI PCL UNIT - 1 600 MW**

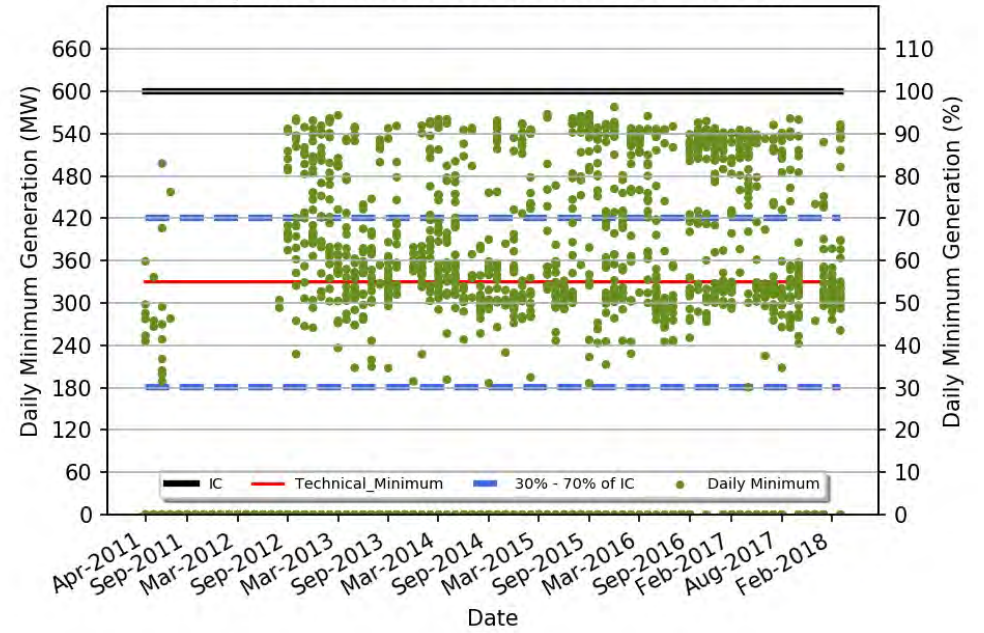
<b>Region</b>	<b>: Southern Region</b>
<b>Number of Days Considered</b>	<b>: 2012</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 53 (%)</b>
(% of total days in operation)	
<b>No. Of Days Min Generation Achieved</b>	<b>: 48 (%)</b>
(% of total days in operation)	
<b>Average Flexibility</b>	<b>: 32 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 539</b>
<b>Daily Average (MW)</b>	<b>: 479</b>
<b>Average Daily Min (MW)</b>	<b>: 344</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 89</b>
<b>Daily Average/IC (%)</b>	<b>: 79</b>
<b>Average Daily Min/IC (%)</b>	<b>: 57</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 382</b>



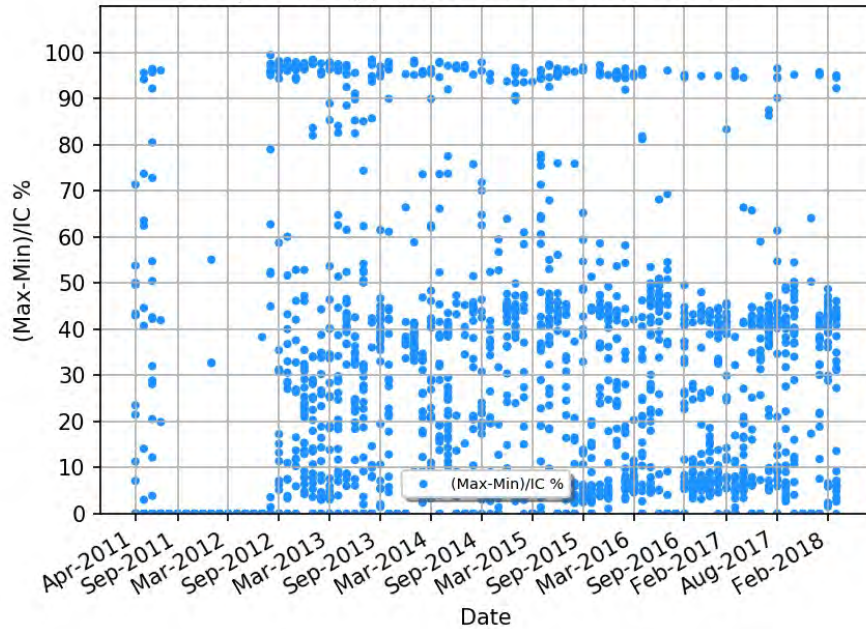
Daily Max Generation : UDUPI TPP UNIT - 2 600 MW



Daily Min Generation : UDUPI TPP UNIT - 2 600 MW



Daily Flexibility(%) : UDUPI TPP UNIT - 2 600 MW



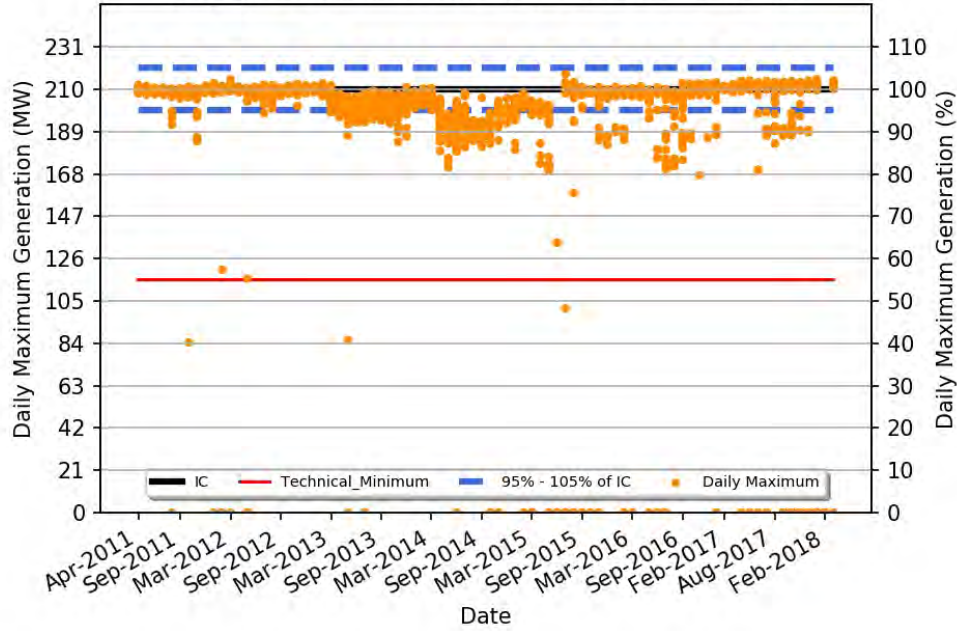
**UDUPI PCL UNIT - 2 600 MW**

<b>Region</b>	<b>: Southern Region</b>
<b>Number of Days Considered</b>	<b>: 1579</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 58 (%)</b>
<b>(% of total days in operation)</b>	
<b>No. Of Days Min Generation Achieved</b>	<b>: 52 (%)</b>
<b>(% of total days in operation)</b>	
<b>Average Flexibility</b>	<b>: 34 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 545</b>
<b>Daily Average (MW)</b>	<b>: 479</b>
<b>Average Daily Min (MW)</b>	<b>: 338</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 90</b>
<b>Daily Average/IC (%)</b>	<b>: 79</b>
<b>Average Daily Min/IC (%)</b>	<b>: 56</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 382</b>

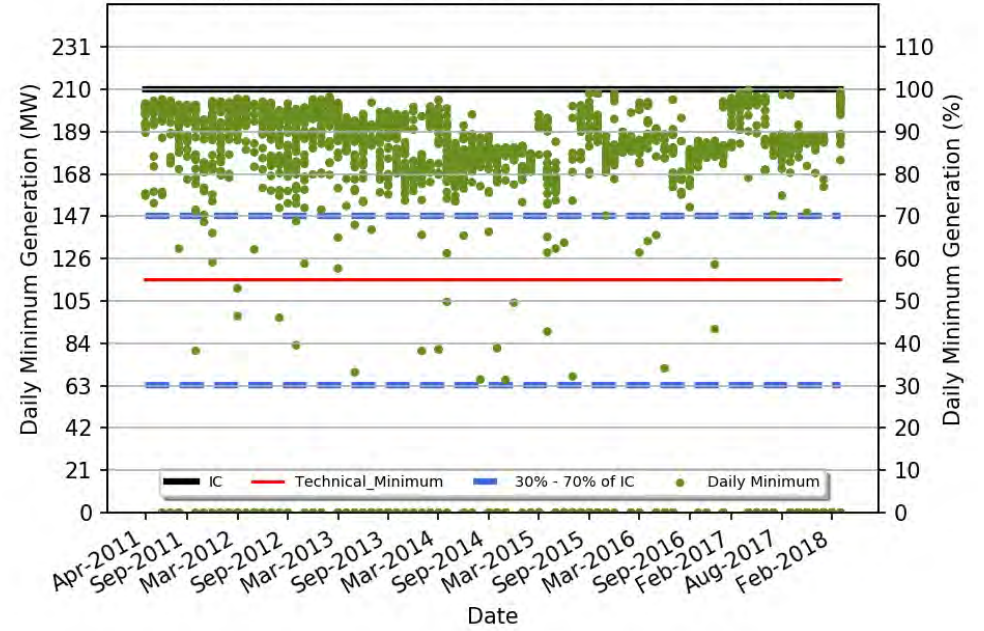
# TAMILNADU



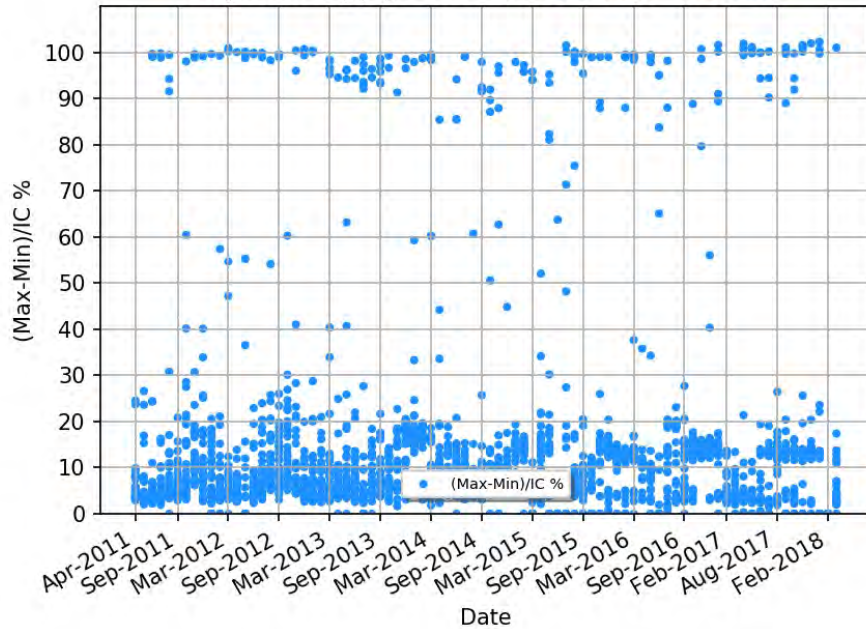
Daily Max Generation : METTUR TPS UNIT - 1 210 MW



Daily Min Generation : METTUR TPS UNIT - 1 210 MW



Daily Flexibility(%) : METTUR TPS UNIT - 1 210 MW

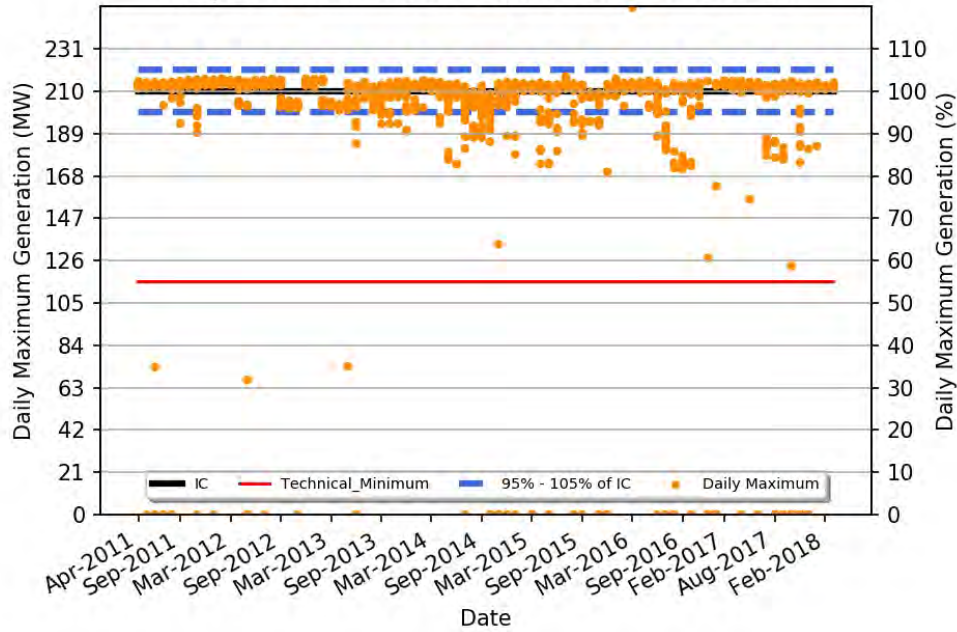


**METTUR TPS UNIT - 1 210 MW**

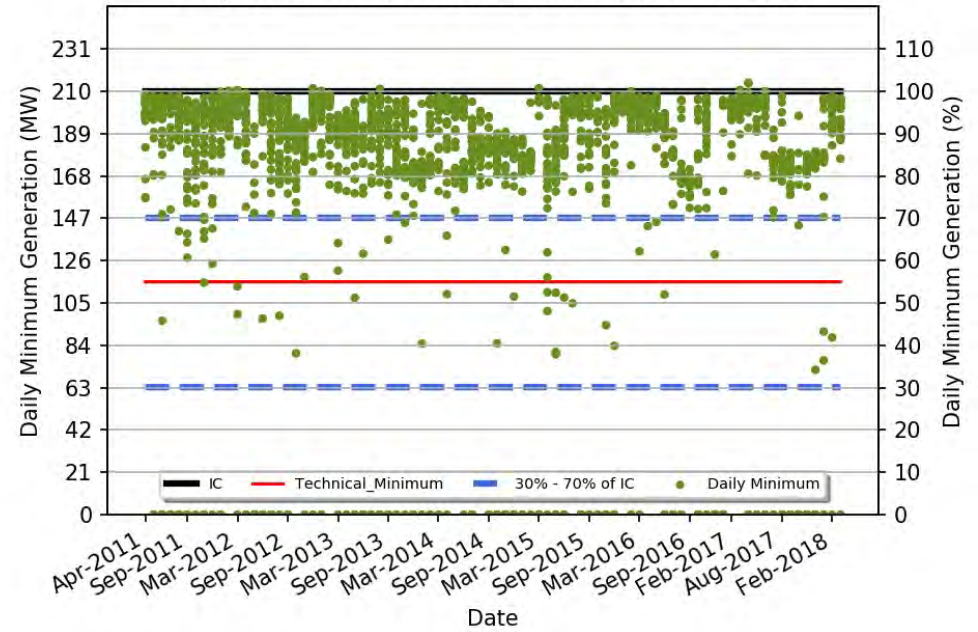
<b>Region</b>	<b>: Southern Region</b>
<b>Number of Days Considered</b>	<b>: 2250</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 78 (%)</b>
(% of total days in operation)	
<b>No. Of Days Min Generation Achieved</b>	<b>: 1 (%)</b>
(% of total days in operation)	
<b>Average Flexibility</b>	<b>: 15 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 204</b>
<b>Daily Average (MW)</b>	<b>: 193</b>
<b>Average Daily Min (MW)</b>	<b>: 171</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 97</b>
<b>Daily Average/IC (%)</b>	<b>: 92</b>
<b>Average Daily Min/IC (%)</b>	<b>: 81</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 362</b>



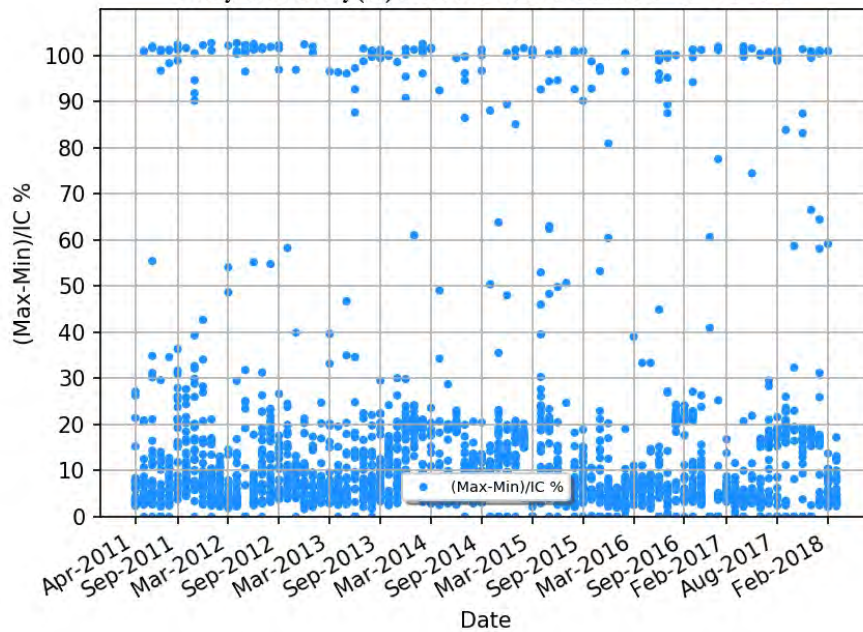
Daily Max Generation : METTUR TPS UNIT - 2 210 MW



Daily Min Generation : METTUR TPS UNIT - 2 210 MW



Daily Flexibility(%) : METTUR TPS UNIT - 2 210 MW

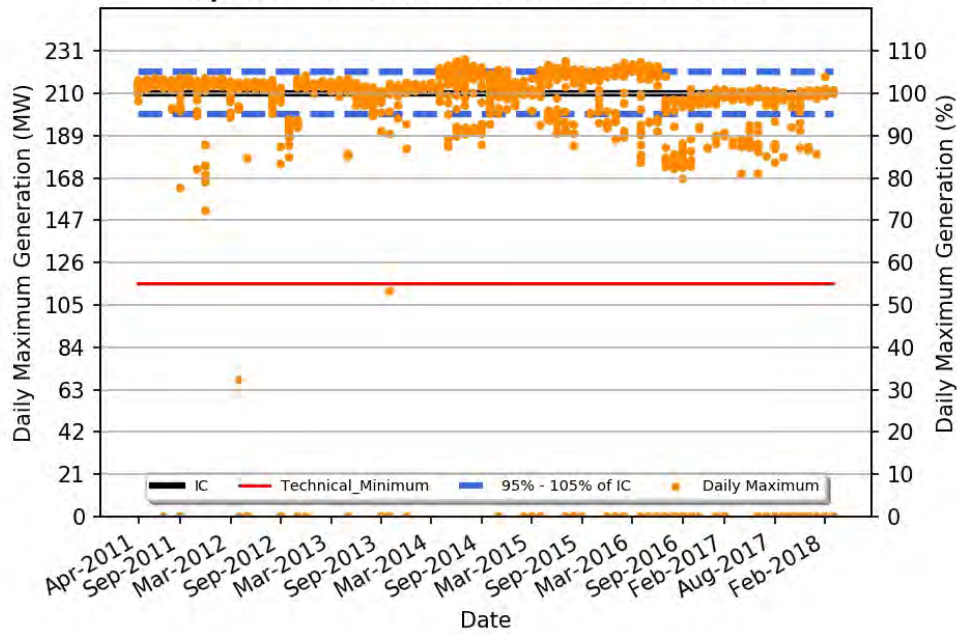


**METTUR TPS UNIT - 2 210 MW**

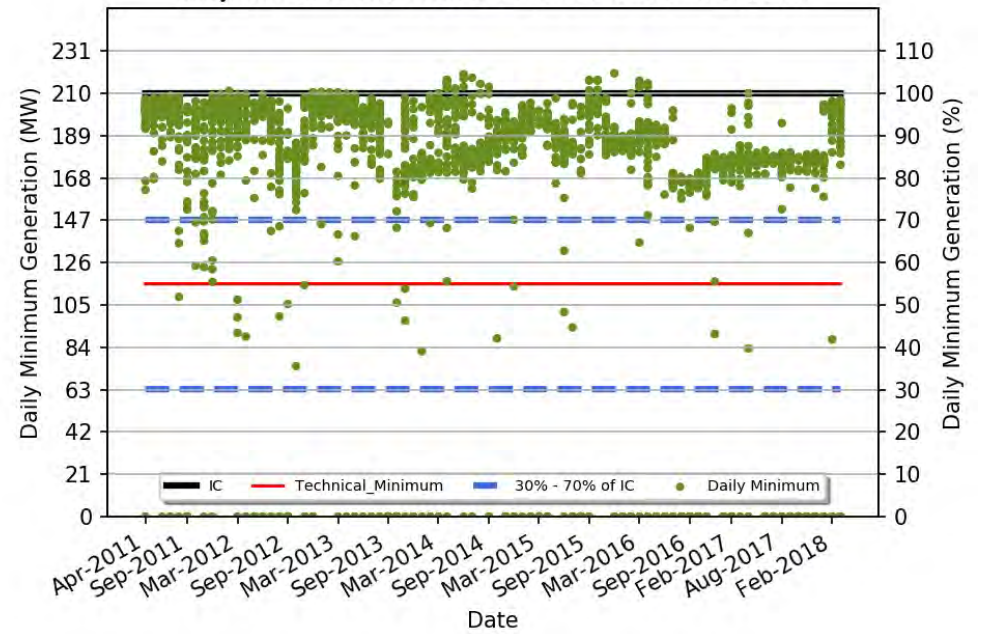
<b>Region</b>	<b>: Southern Region</b>
<b>Number of Days Considered</b>	<b>: 2282</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 93 (%)</b>
(% of total days in operation)	
<b>No. Of Days Min Generation Achieved</b>	<b>: 2 (%)</b>
(% of total days in operation)	
<b>Average Flexibility</b>	<b>: 15 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 209</b>
<b>Daily Average (MW)</b>	<b>: 199</b>
<b>Average Daily Min (MW)</b>	<b>: 177</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 99</b>
<b>Daily Average/IC (%)</b>	<b>: 95</b>
<b>Average Daily Min/IC (%)</b>	<b>: 84</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 362</b>



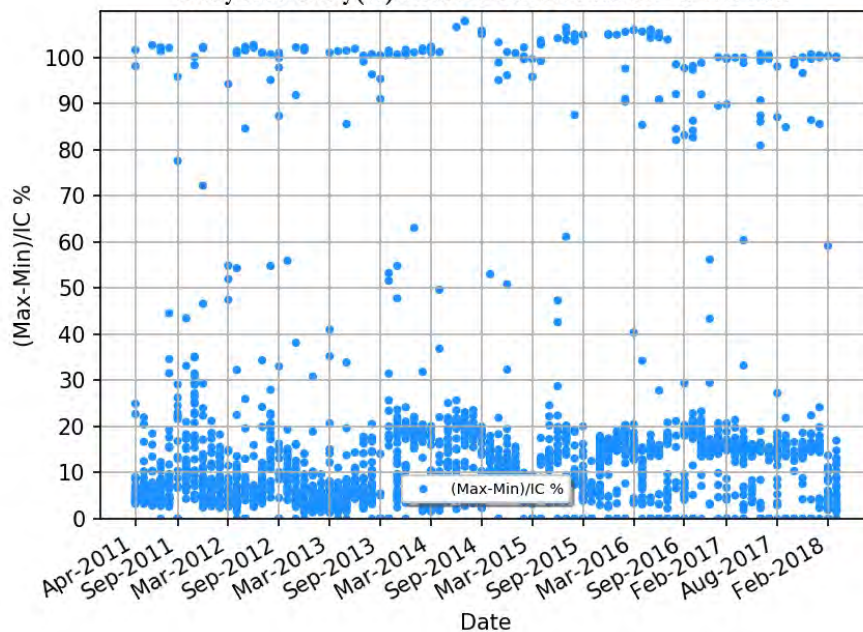
Daily Max Generation : METTUR TPS UNIT - 3 210 MW



Daily Min Generation : METTUR TPS UNIT - 3 210 MW



Daily Flexibility(%) : METTUR TPS UNIT - 3 210 MW

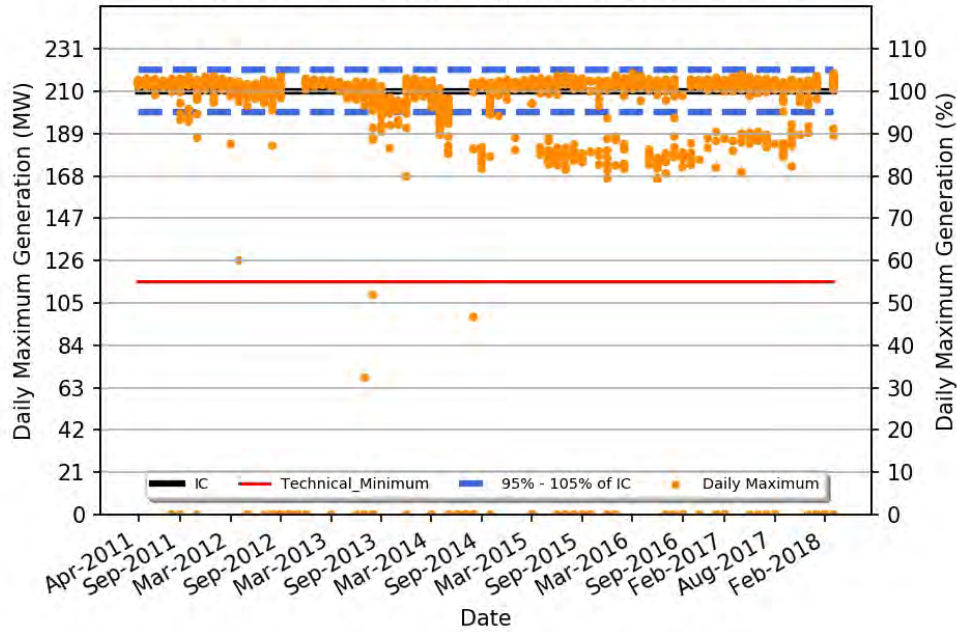


### METTUR TPS UNIT - 3 210 MW

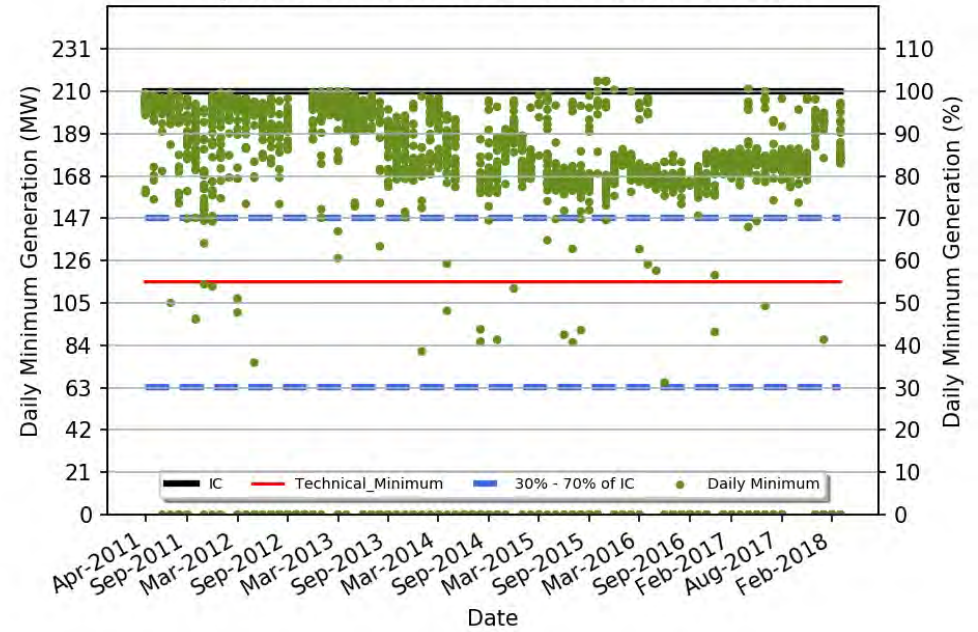
Region	: Southern Region
Number of Days Considered	: 2220
No. Of Days Max Generation Achieved	: 80 (%)
(% of total days in operation)	
No. Of Days Min Generation Achieved	: 2 (%)
(% of total days in operation)	
Average Flexibility	: 17 (%)
Average Daily Max (MW)	: 210
Daily Average (MW)	: 198
Average Daily Min (MW)	: 175
Average Daily Max/ IC (%)	: 100
Daily Average/IC (%)	: 94
Average Daily Min/IC (%)	: 83
Variable Charge (Paisa/kWh)	: 362



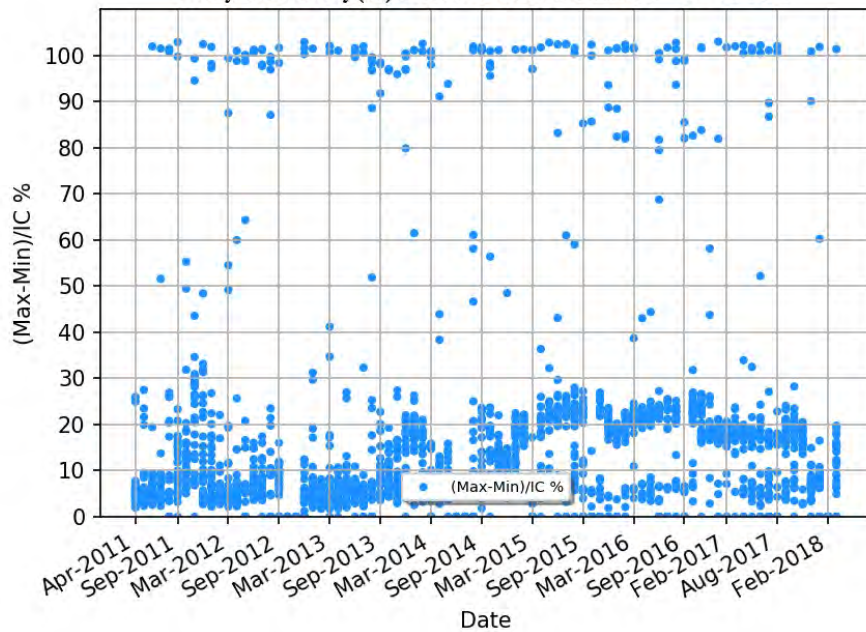
Daily Max Generation : METTUR TPS UNIT - 4 210 MW



Daily Min Generation : METTUR TPS UNIT - 4 210 MW



Daily Flexibility(%) : METTUR TPS UNIT - 4 210 MW

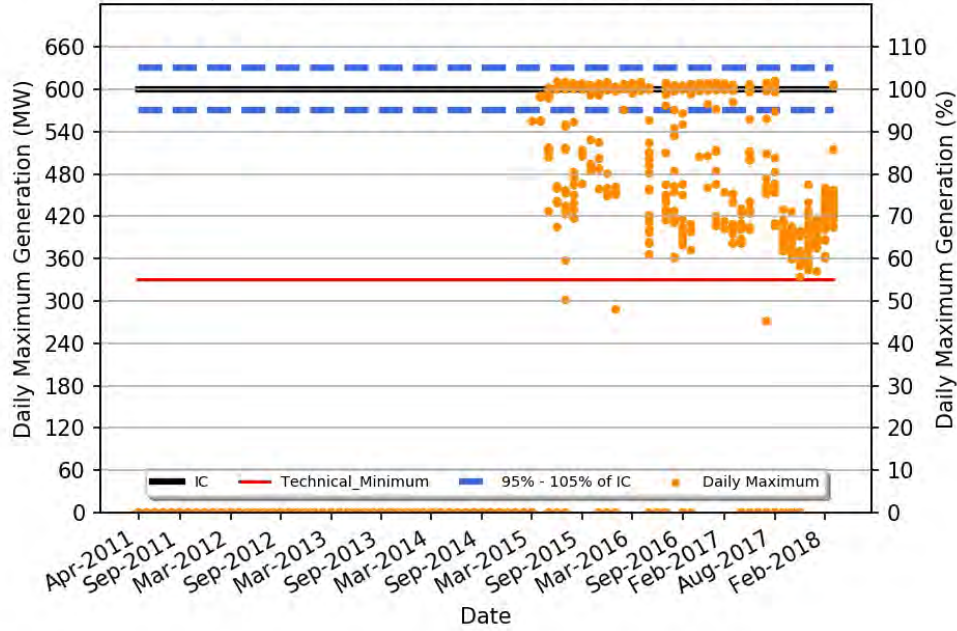


### METTUR TPS UNIT - 4 210 MW

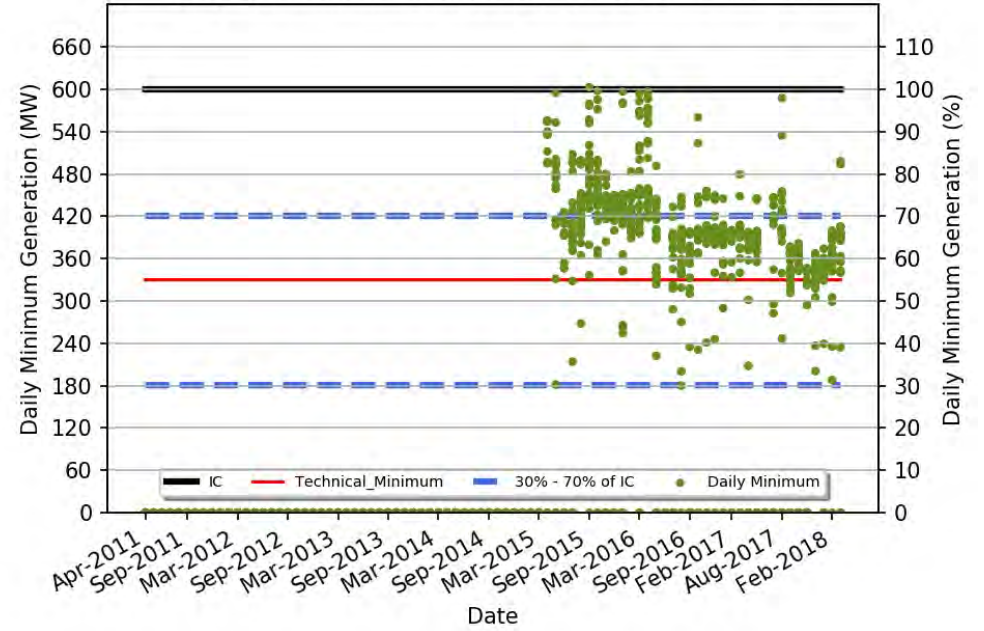
Region	: Southern Region
Number of Days Considered	: 2134
No. Of Days Max Generation Achieved	: 88 (%)
(% of total days in operation)	
No. Of Days Min Generation Achieved	: 2 (%)
(% of total days in operation)	
Average Flexibility	: 18 (%)
Average Daily Max (MW)	: 209
Daily Average (MW)	: 195
Average Daily Min (MW)	: 170
Average Daily Max/ IC (%)	: 99
Daily Average/IC (%)	: 92
Average Daily Min/IC (%)	: 81
Variable Charge (Paisa/kWh)	: 362



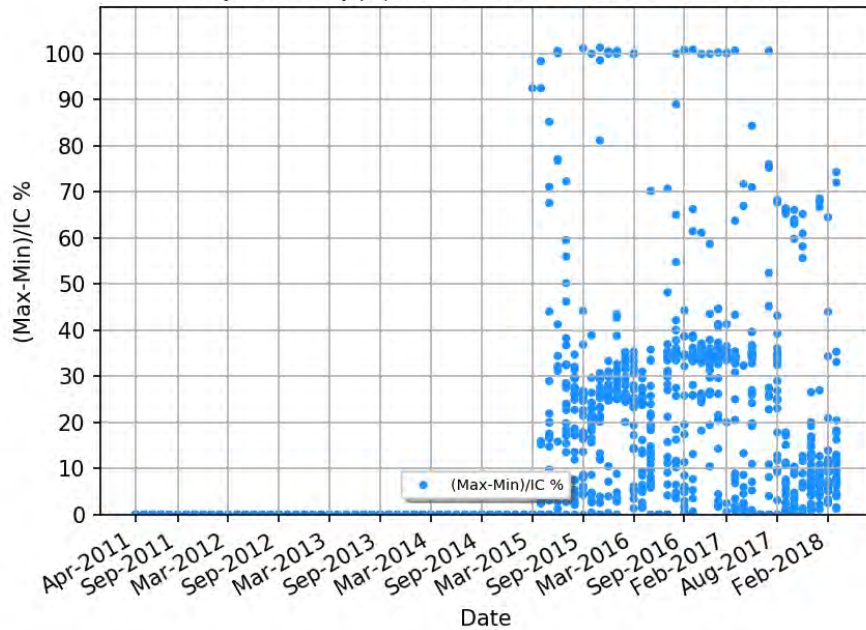
Daily Max Generation : METTUR TPS UNIT - 5 600 MW



Daily Min Generation : METTUR TPS UNIT - 5 600 MW



Daily Flexibility(%) : METTUR TPS UNIT - 5 600 MW

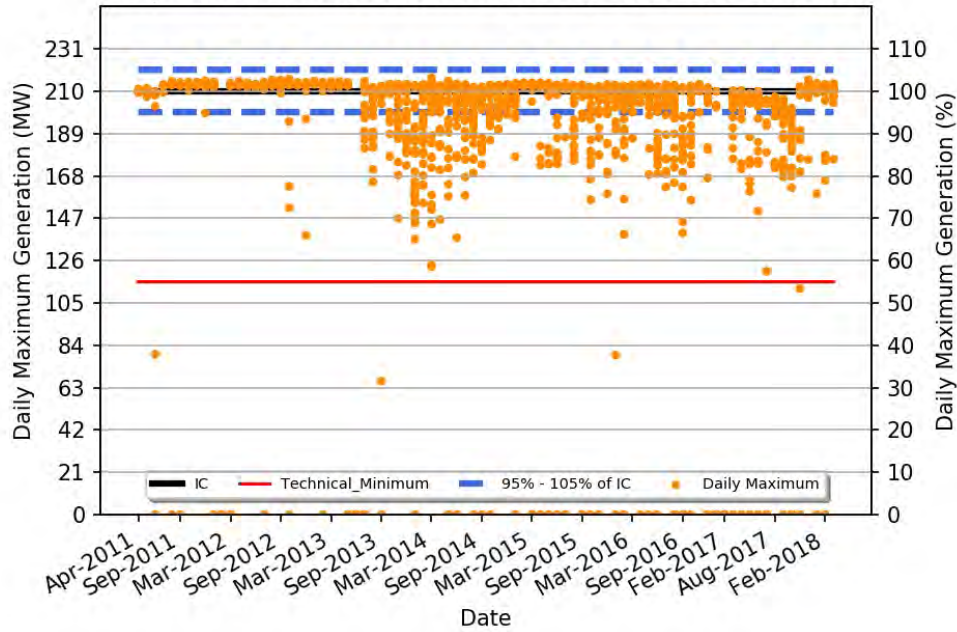


**METTUR TPS UNIT - 5 600 MW**

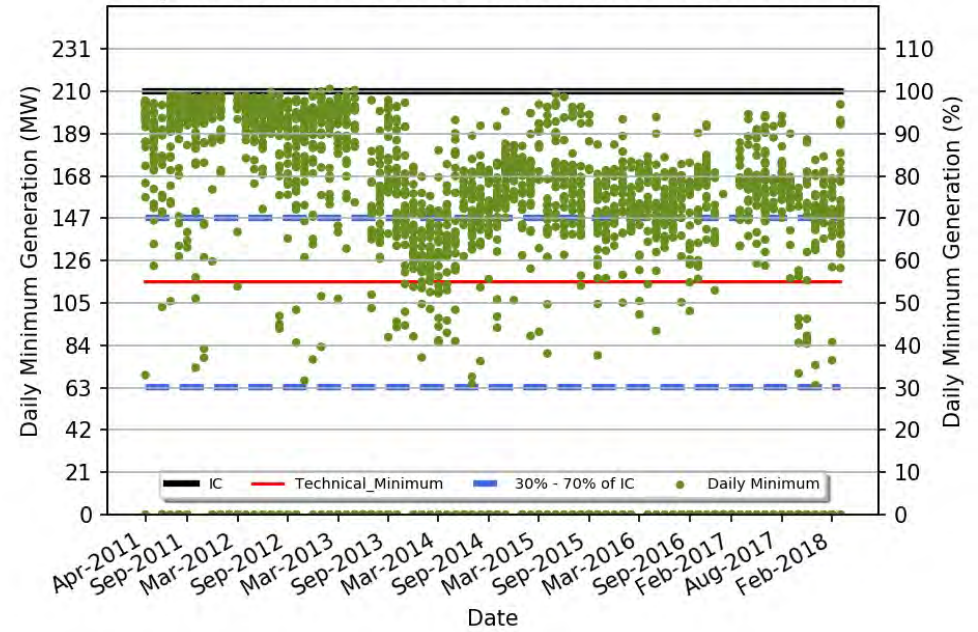
<b>Region</b>	<b>: Southern Region</b>
<b>Number of Days Considered</b>	<b>: 880</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 55 (%)</b>
(% of total days in operation)	
<b>No. Of Days Min Generation Achieved</b>	<b>: 59 (%)</b>
(% of total days in operation)	
<b>Average Flexibility</b>	<b>: 24 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 528</b>
<b>Daily Average (MW)</b>	<b>: 463</b>
<b>Average Daily Min (MW)</b>	<b>: 382</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 88</b>
<b>Daily Average/IC (%)</b>	<b>: 77</b>
<b>Average Daily Min/IC (%)</b>	<b>: 63</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 362</b>



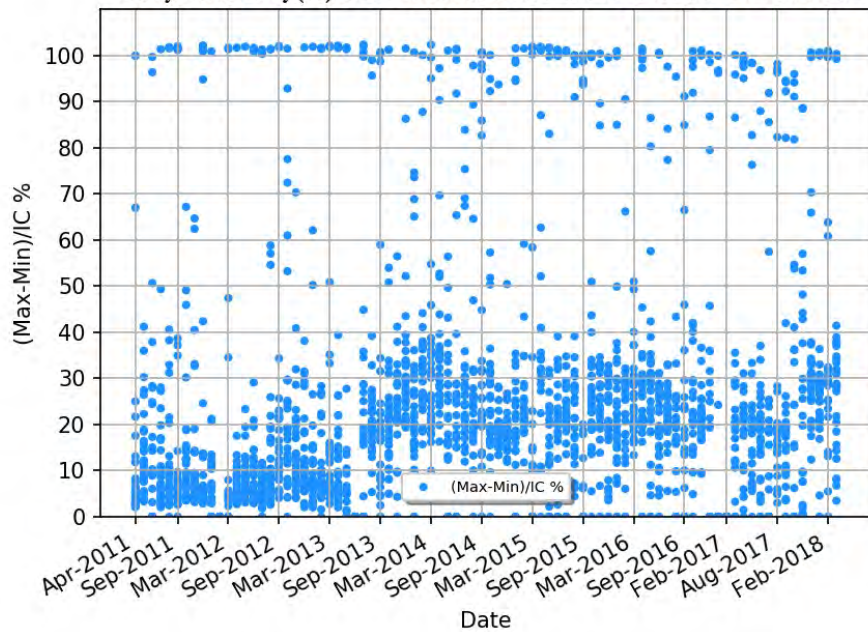
Daily Max Generation : NORTH CHENNAI TPS UNIT - 1 210 MW



Daily Min Generation : NORTH CHENNAI TPS UNIT - 1 210 MW



Daily Flexibility(%): NORTH CHENNAI TPS UNIT - 1 210 MW

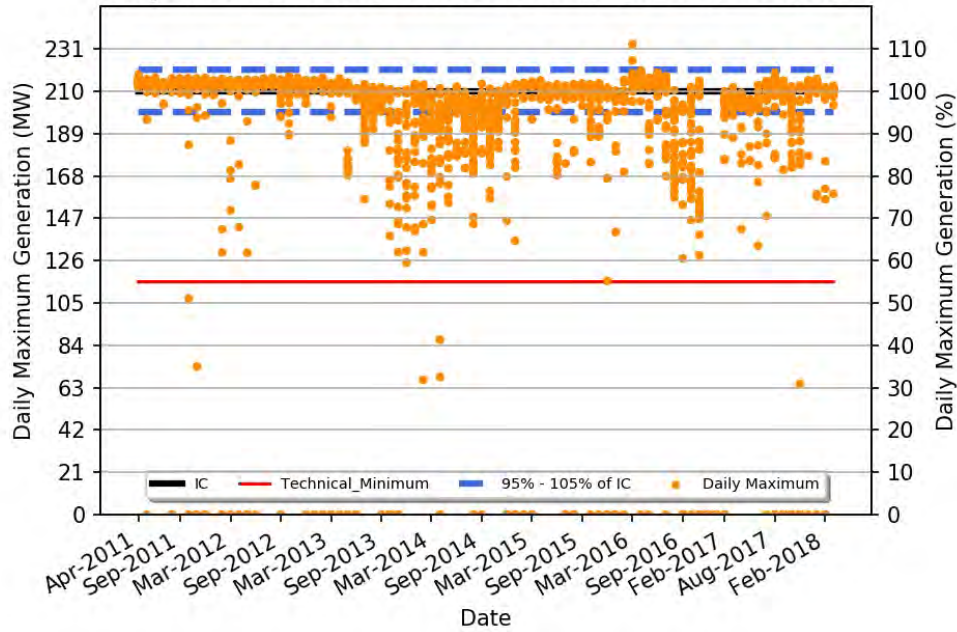


### NORTH CHENNAI TPS UNIT - 1 210 MW

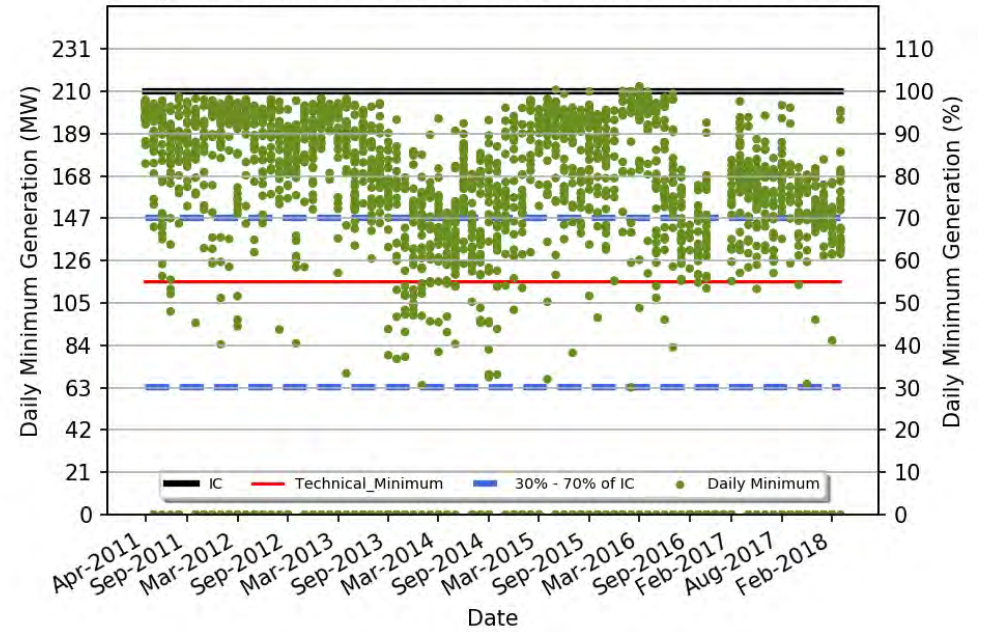
Region	: Southern Region
Number of Days Considered	: 2137
No. Of Days Max Generation Achieved	: 83 (%)
(% of total days in operation)	
No. Of Days Min Generation Achieved	: 20 (%)
(% of total days in operation)	
Average Flexibility	: 26 (%)
Average Daily Max (MW)	: 206
Daily Average (MW)	: 187
Average Daily Min (MW)	: 151
Average Daily Max/ IC (%)	: 98
Daily Average/IC (%)	: 89
Average Daily Min/IC (%)	: 72
Variable Charge (Paisa/kWh)	: 307



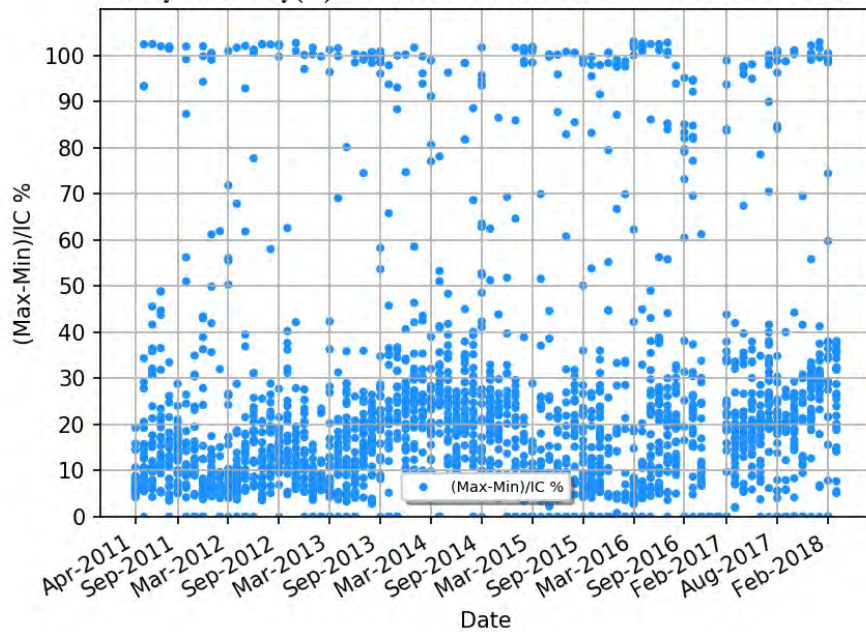
Daily Max Generation : NORTH CHENNAI TPS UNIT - 2 210 MW



Daily Min Generation : NORTH CHENNAI TPS UNIT - 2 210 MW



Daily Flexibility(%) : NORTH CHENNAI TPS UNIT - 2 210 MW

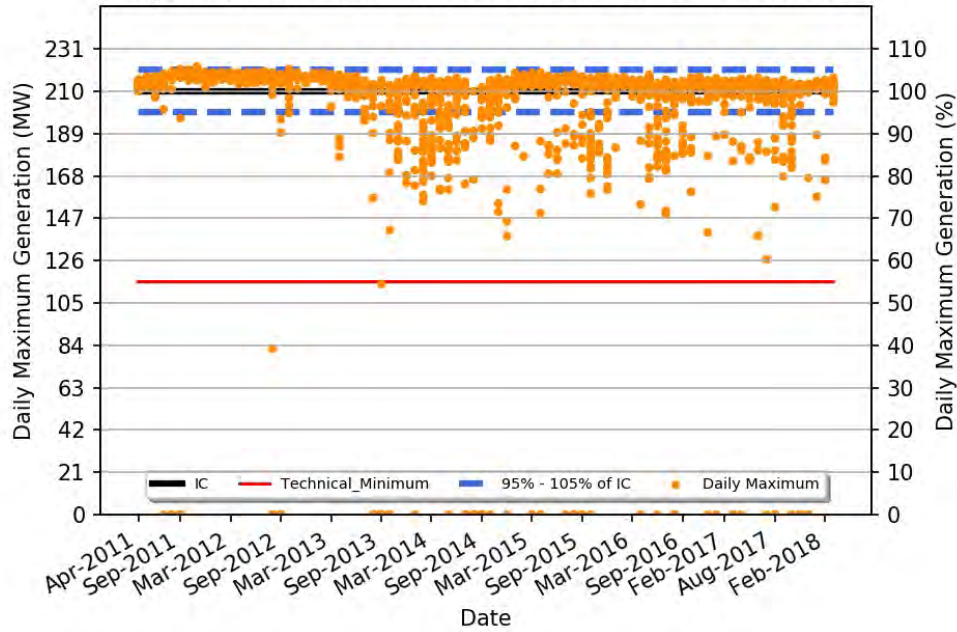


### NORTH CHENNAI TPS UNIT - 2 210 MW

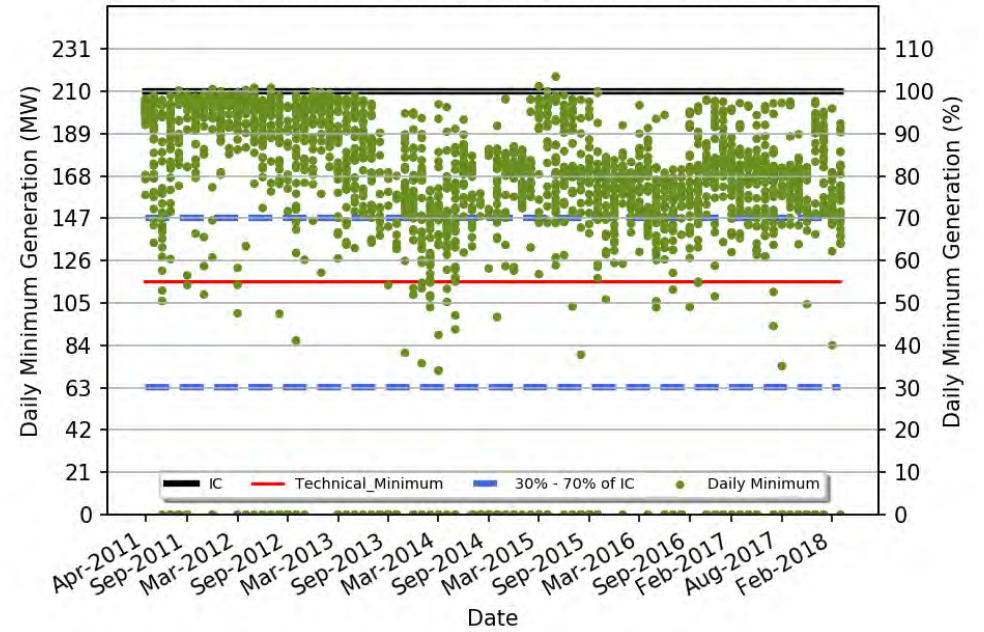
Region	: Southern Region
Number of Days Considered	: 2202
No. Of Days Max Generation Achieved	: 80 (%)
(% of total days in operation)	
No. Of Days Min Generation Achieved	: 20 (%)
(% of total days in operation)	
Average Flexibility	: 24 (%)
Average Daily Max (MW)	: 205
Daily Average (MW)	: 187
Average Daily Min (MW)	: 153
Average Daily Max/ IC (%)	: 97
Daily Average/IC (%)	: 89
Average Daily Min/IC (%)	: 73
Variable Charge (Paisa/kWh)	: 307



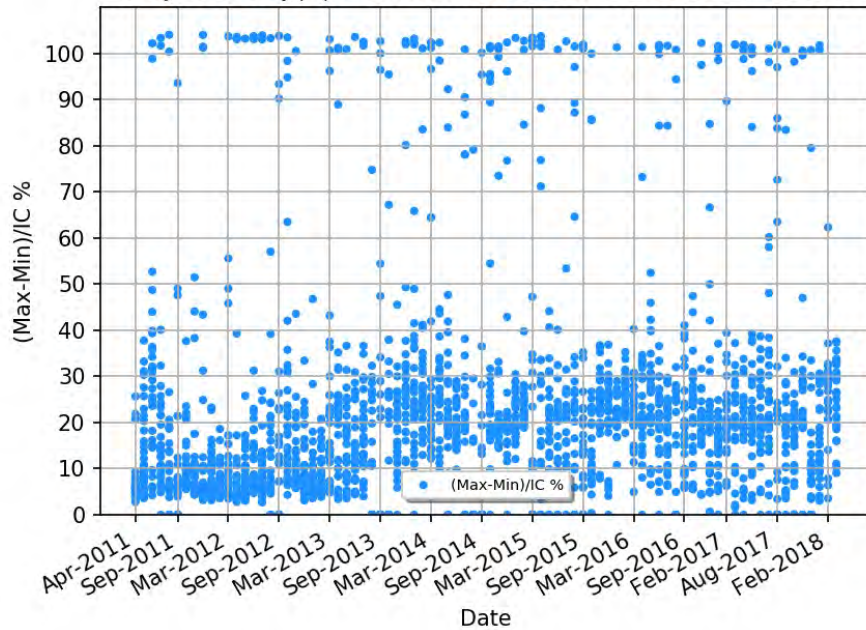
Daily Max Generation : NORTH CHENNAI TPS UNIT - 3 210 MW



Daily Min Generation : NORTH CHENNAI TPS UNIT - 3 210 MW



Daily Flexibility(%) : NORTH CHENNAI TPS UNIT - 3 210 MW

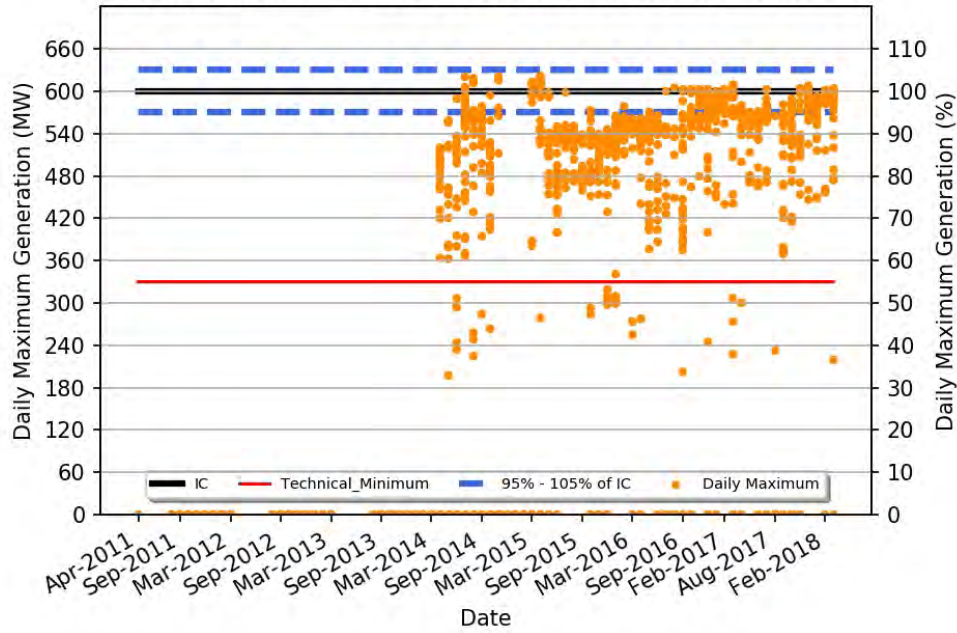


**NORTH CHENNAI TPS UNIT - 3 210 MW**

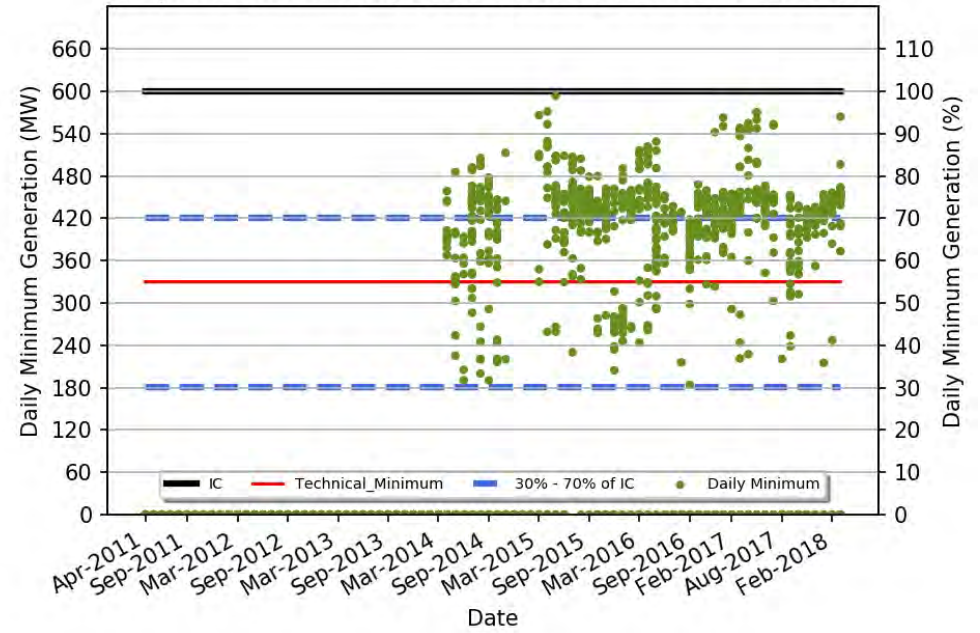
Region	: Southern Region
Number of Days Considered	: 2276
No. Of Days Max Generation Achieved	: 87 (%)
(% of total days in operation)	
No. Of Days Min Generation Achieved	: 13 (%)
(% of total days in operation)	
Average Flexibility	: 22 (%)
Average Daily Max (MW)	: 210
Daily Average (MW)	: 193
Average Daily Min (MW)	: 162
Average Daily Max/ IC (%)	: 100
Daily Average/IC (%)	: 92
Average Daily Min/IC (%)	: 77
Variable Charge (Paisa/kWh)	: 307



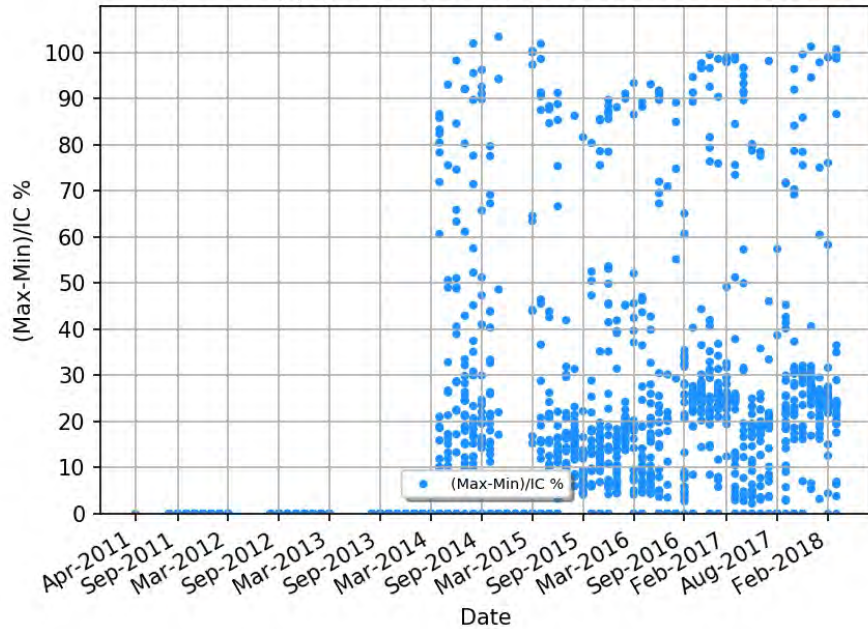
Daily Max Generation : NORTH CHENNAI TPS UNIT - 4 600 MW



Daily Min Generation : NORTH CHENNAI TPS UNIT - 4 600 MW



Daily Flexibility(%): NORTH CHENNAI TPS UNIT - 4 600 MW

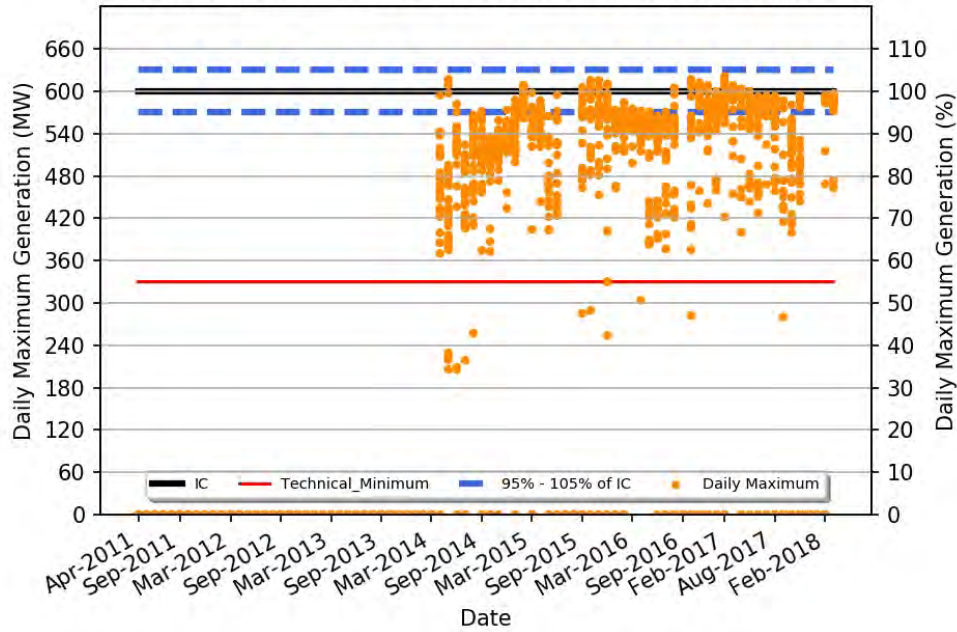


**NORTH CHENNAI TPS UNIT - 4 600 MW**

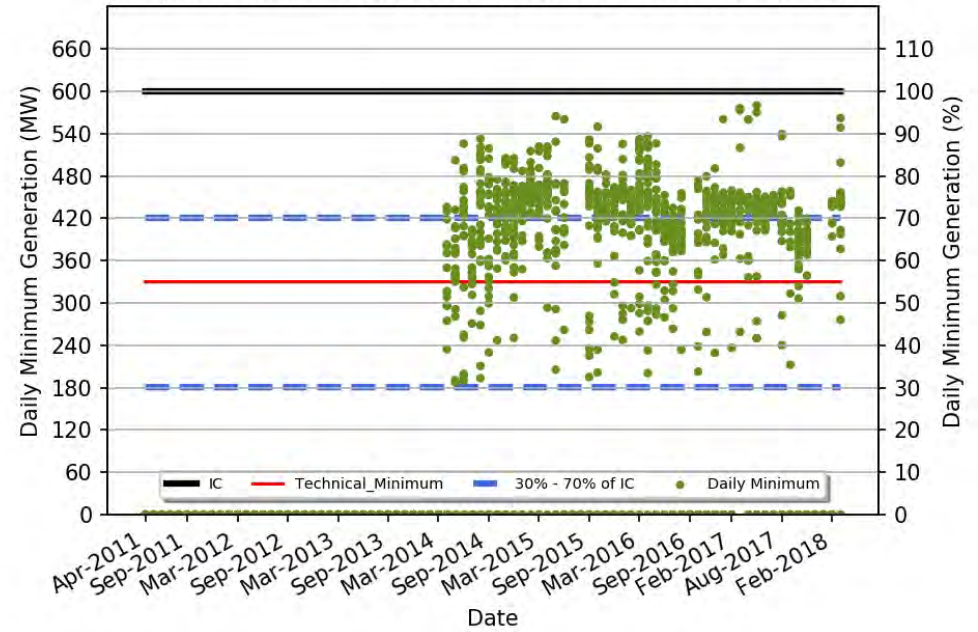
<b>Region</b>	<b>: Southern Region</b>
<b>Number of Days Considered</b>	<b>: 1040</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 27 (%)</b>
(% of total days in operation)	
<b>No. Of Days Min Generation Achieved</b>	<b>: 33 (%)</b>
(% of total days in operation)	
<b>Average Flexibility</b>	<b>: 27 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 530</b>
<b>Daily Average (MW)</b>	<b>: 463</b>
<b>Average Daily Min (MW)</b>	<b>: 364</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 88</b>
<b>Daily Average/IC (%)</b>	<b>: 77</b>
<b>Average Daily Min/IC (%)</b>	<b>: 60</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 304</b>



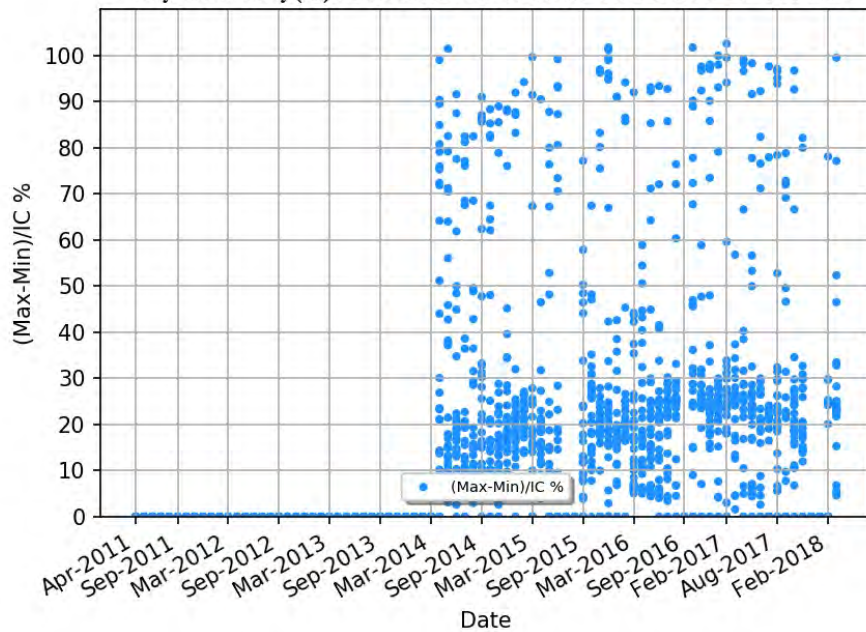
Daily Max Generation : NORTH CHENNAI TPS UNIT - 5 600 MW



Daily Min Generation : NORTH CHENNAI TPS UNIT - 5 600 MW



Daily Flexibility(%) : NORTH CHENNAI TPS UNIT - 5 600 MW

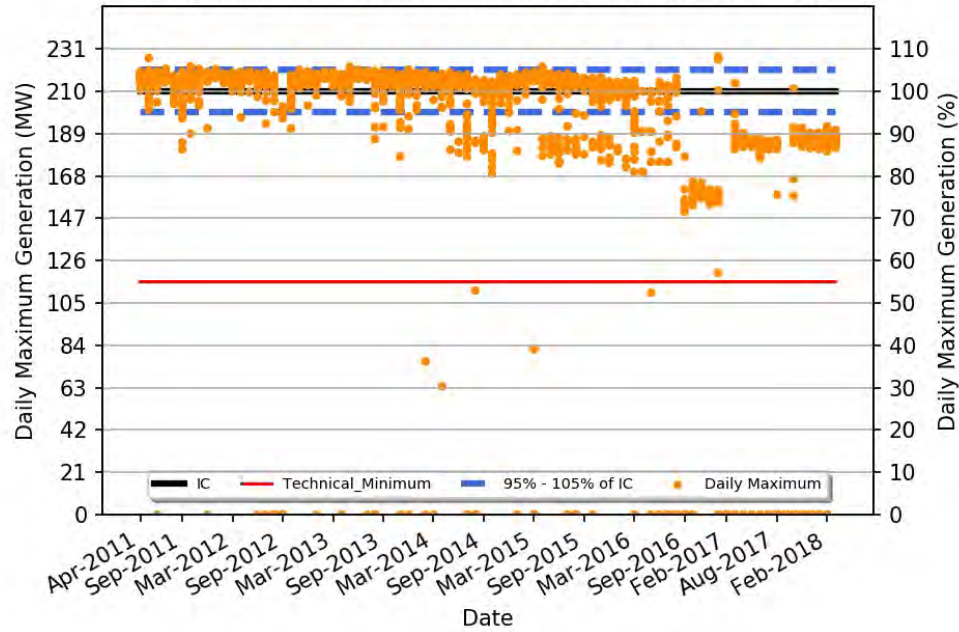


**NORTH CHENNAI TPS UNIT - 5 600 MW**

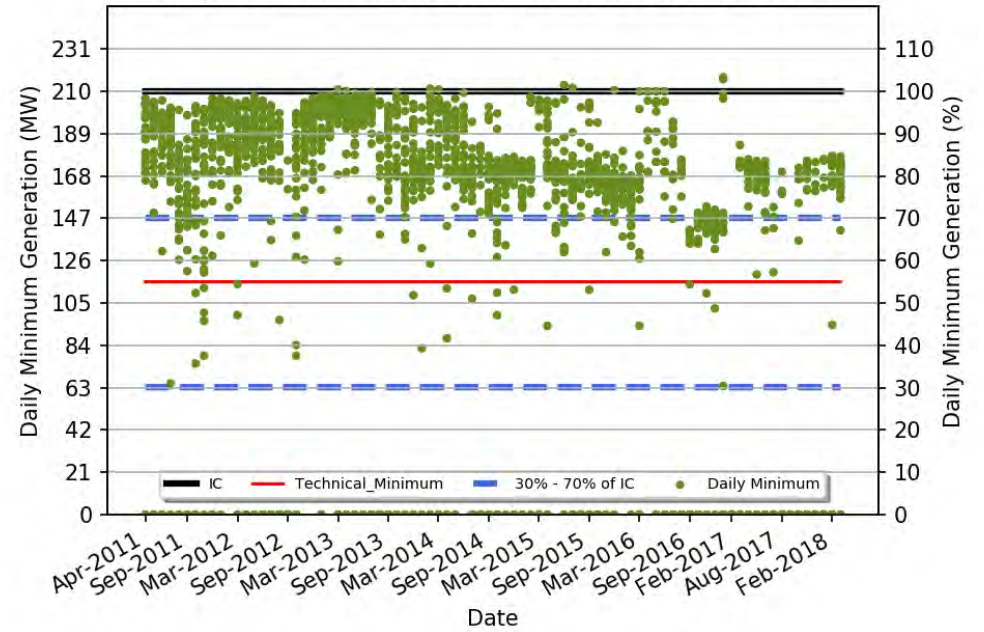
<b>Region</b>	<b>: Southern Region</b>
<b>Number of Days Considered</b>	<b>: 1073</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 30 (%)</b>
(% of total days in operation)	
<b>No. Of Days Min Generation Achieved</b>	<b>: 38 (%)</b>
(% of total days in operation)	
<b>Average Flexibility</b>	<b>: 27 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 534</b>
<b>Daily Average (MW)</b>	<b>: 470</b>
<b>Average Daily Min (MW)</b>	<b>: 368</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 89</b>
<b>Daily Average/IC (%)</b>	<b>: 78</b>
<b>Average Daily Min/IC (%)</b>	<b>: 61</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 304</b>



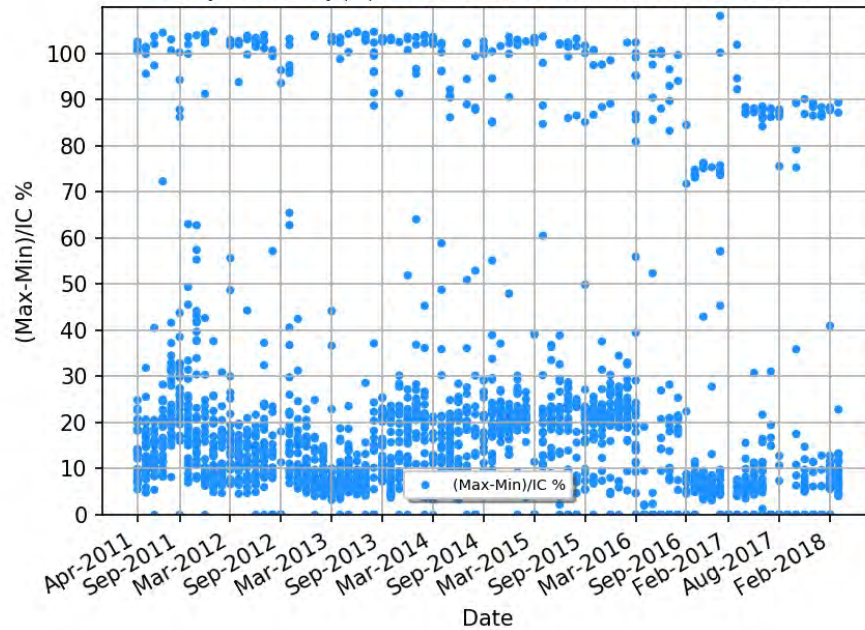
Daily Max Generation : TUTICORIN TPS UNIT - 1 210 MW



Daily Min Generation : TUTICORIN TPS UNIT - 1 210 MW



Daily Flexibility(%) : TUTICORIN TPS UNIT - 1 210 MW

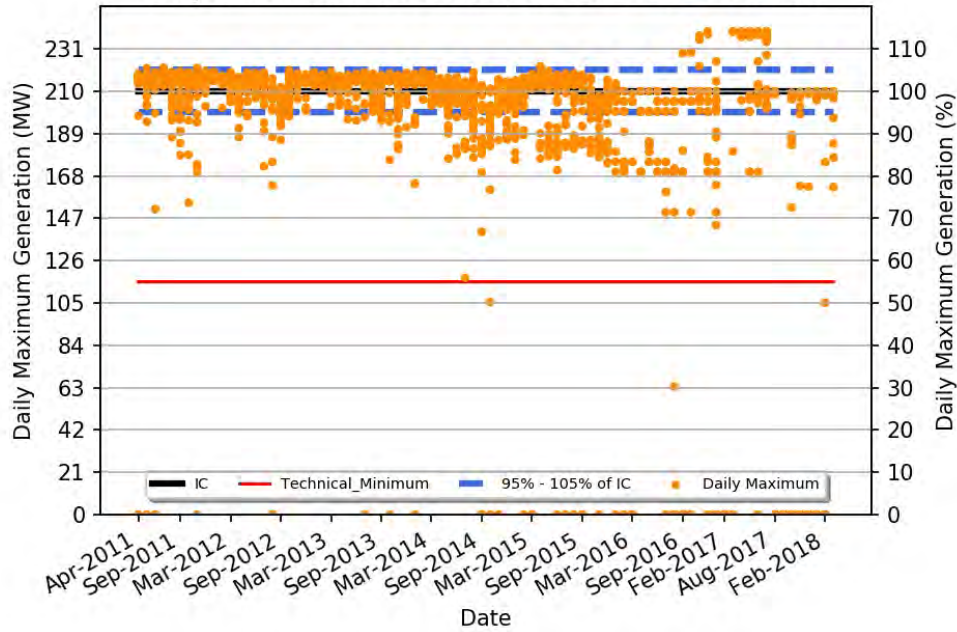


### TUTICORIN TPS UNIT - 1 210 MW

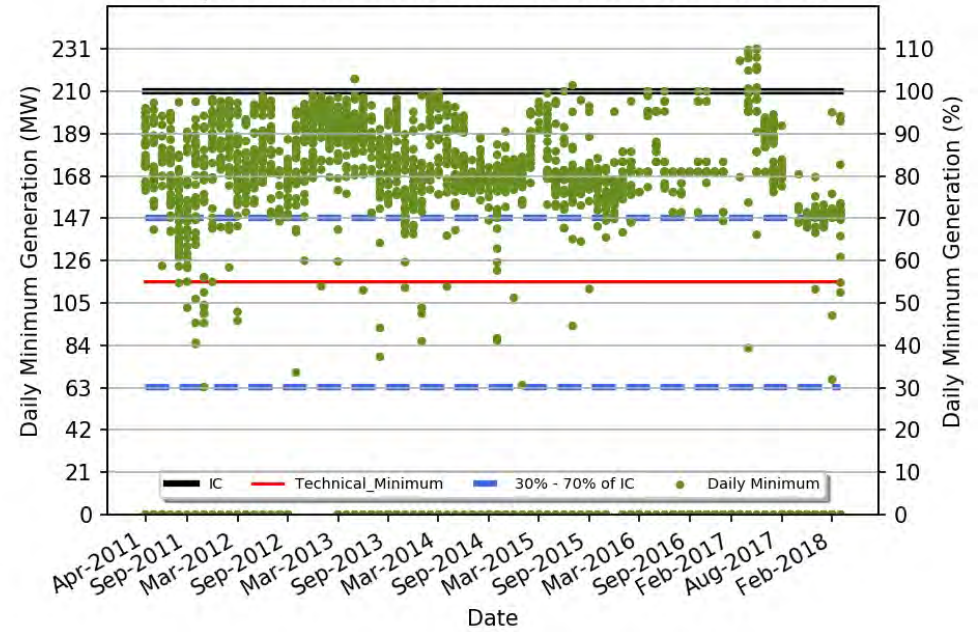
Region	: Southern Region
Number of Days Considered	: 2041
No. Of Days Max Generation Achieved	: 78 (%)
(% of total days in operation)	
No. Of Days Min Generation Achieved	: 7 (%)
(% of total days in operation)	
Average Flexibility	: 23 (%)
Average Daily Max (MW)	: 207
Daily Average (MW)	: 190
Average Daily Min (MW)	: 158
Average Daily Max/ IC (%)	: 98
Daily Average/IC (%)	: 90
Average Daily Min/IC (%)	: 75
Variable Charge (Paisa/kWh)	: 313



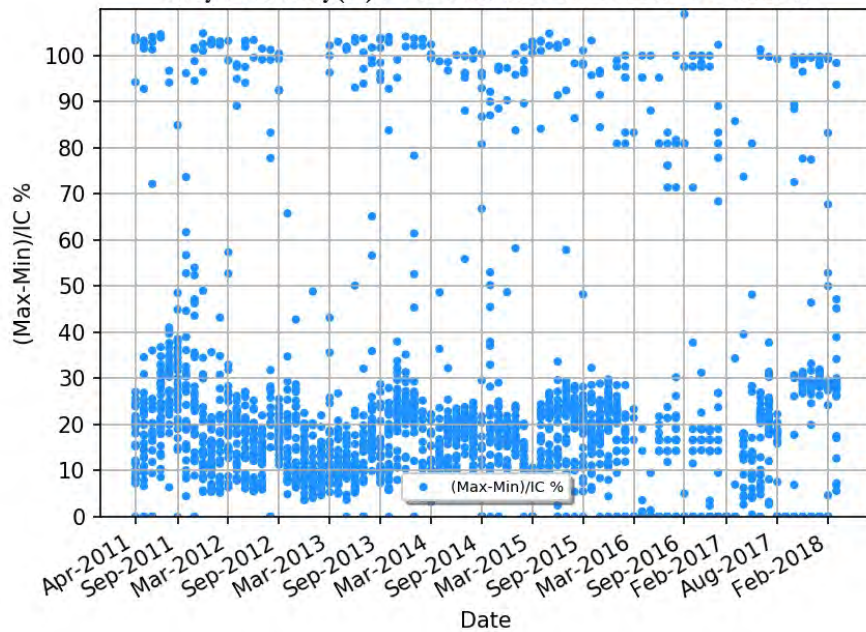
Daily Max Generation : TUTICORIN TPS UNIT - 2 210 MW



Daily Min Generation : TUTICORIN TPS UNIT - 2 210 MW



Daily Flexibility(%) : TUTICORIN TPS UNIT - 2 210 MW

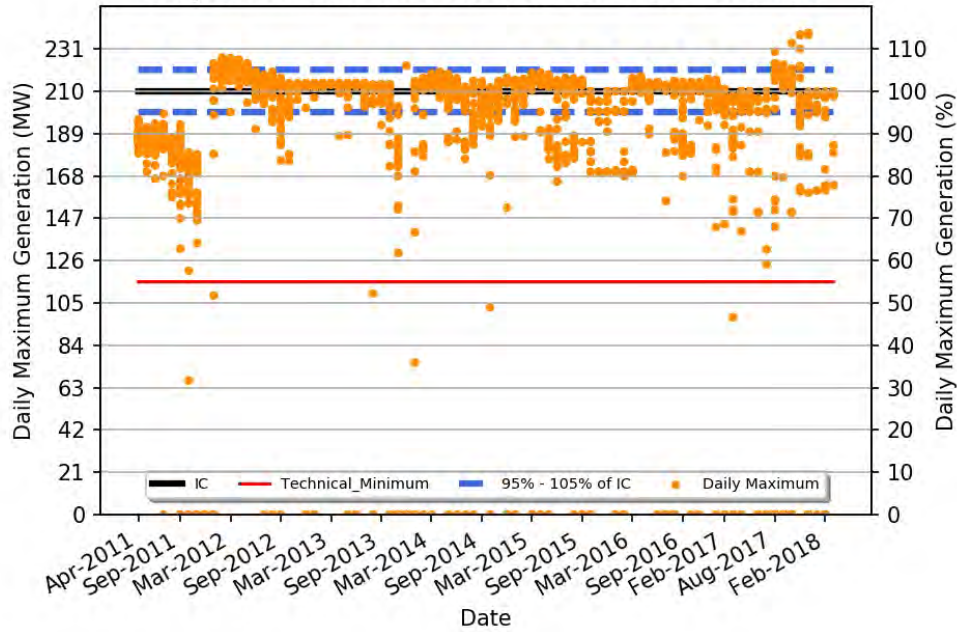


**TUTICORIN TPS UNIT - 2 210 MW**

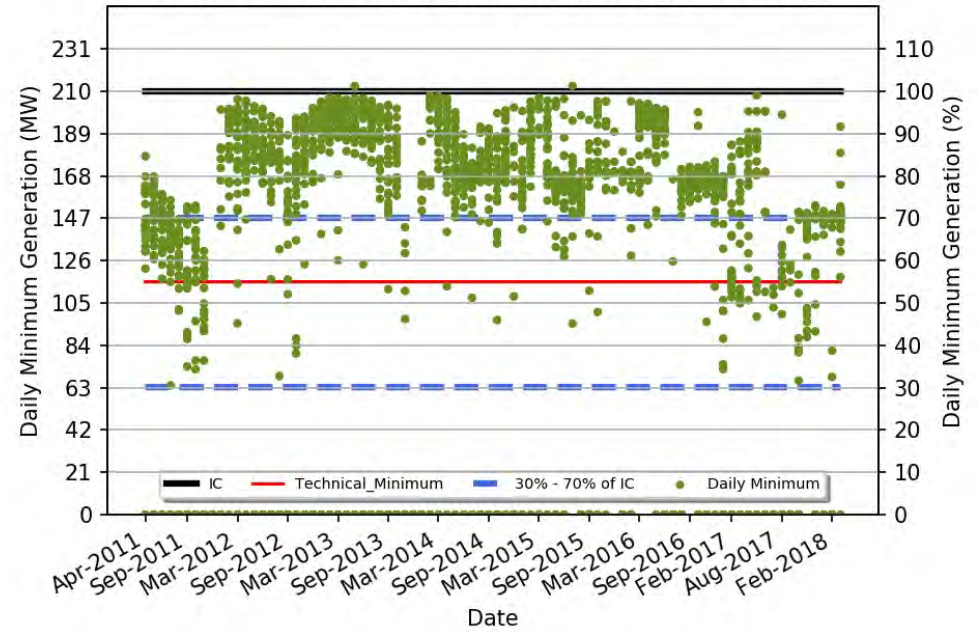
<b>Region</b>	<b>: Southern Region</b>
<b>Number of Days Considered</b>	<b>: 2138</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 81 (%)</b>
(% of total days in operation)	
<b>No. Of Days Min Generation Achieved</b>	<b>: 6 (%)</b>
(% of total days in operation)	
<b>Average Flexibility</b>	<b>: 25 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 209</b>
<b>Daily Average (MW)</b>	<b>: 189</b>
<b>Average Daily Min (MW)</b>	<b>: 156</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 99</b>
<b>Daily Average/IC (%)</b>	<b>: 90</b>
<b>Average Daily Min/IC (%)</b>	<b>: 74</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 313</b>



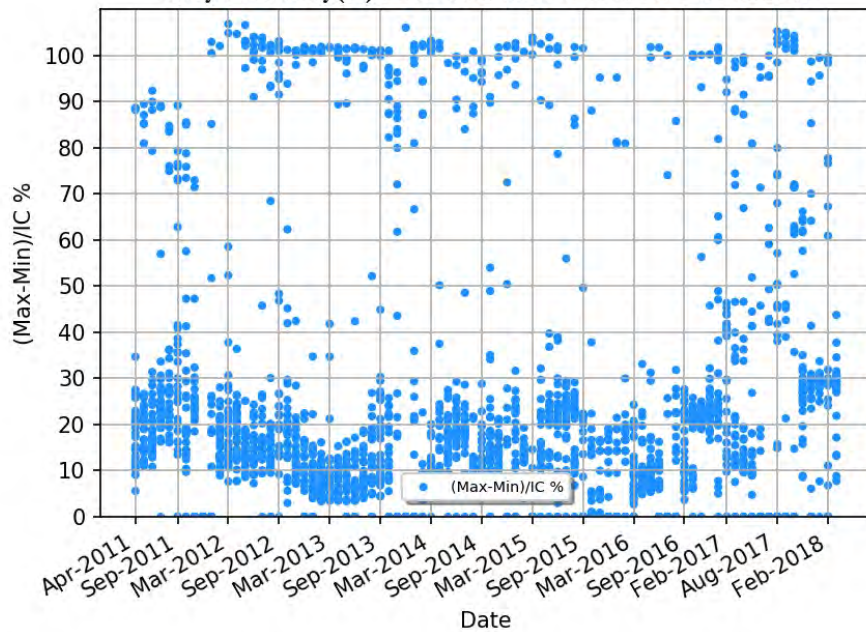
Daily Max Generation : TUTICORIN TPS UNIT - 3 210 MW



Daily Min Generation : TUTICORIN TPS UNIT - 3 210 MW



Daily Flexibility(%) : TUTICORIN TPS UNIT - 3 210 MW

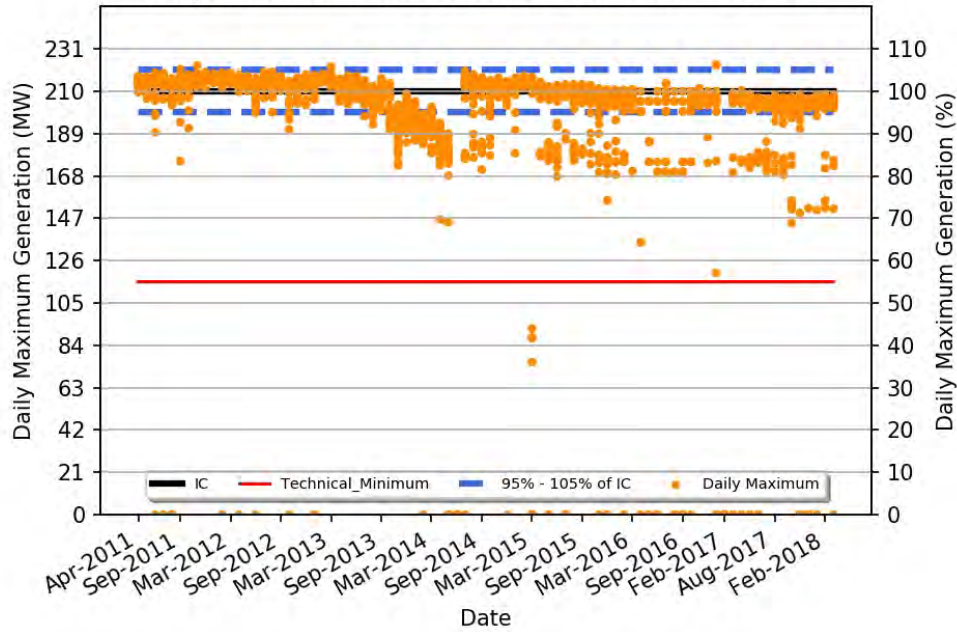


**TUTICORIN TPS UNIT - 3 210 MW**

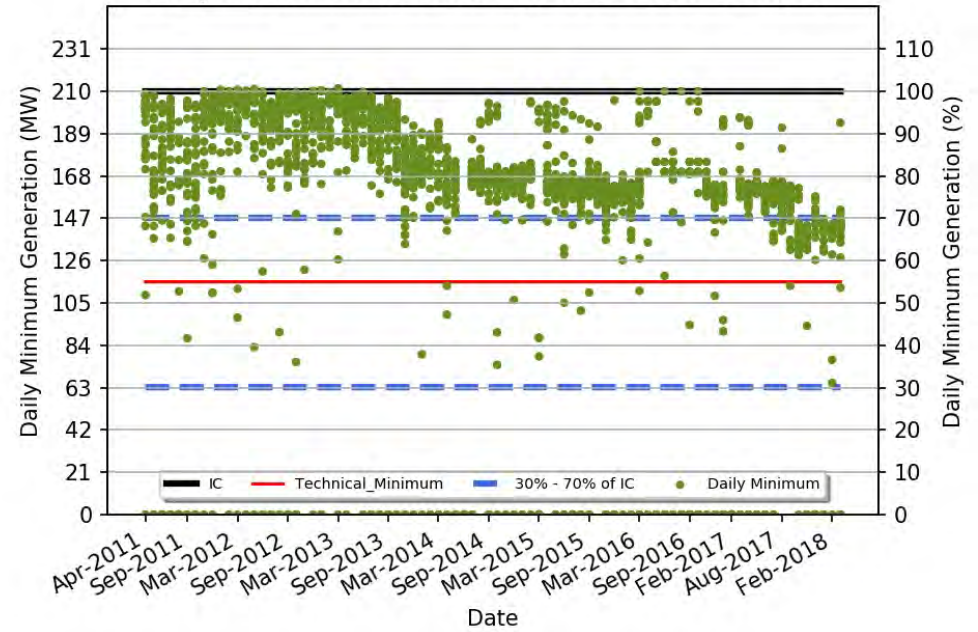
<b>Region</b>	<b>: Southern Region</b>
<b>Number of Days Considered</b>	<b>: 2030</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 71 (%)</b>
<b>(% of total days in operation)</b>	
<b>No. Of Days Min Generation Achieved</b>	<b>: 16 (%)</b>
<b>(% of total days in operation)</b>	
<b>Average Flexibility</b>	<b>: 25 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 203</b>
<b>Daily Average (MW)</b>	<b>: 184</b>
<b>Average Daily Min (MW)</b>	<b>: 150</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 97</b>
<b>Daily Average/IC (%)</b>	<b>: 87</b>
<b>Average Daily Min/IC (%)</b>	<b>: 71</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 313</b>



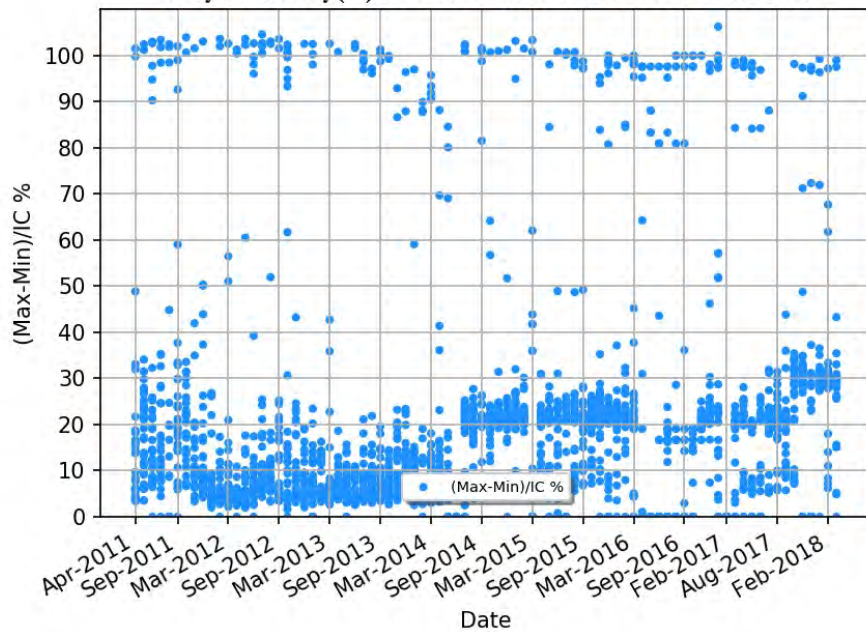
Daily Max Generation : TUTICORIN TPS UNIT - 4 210 MW



Daily Min Generation : TUTICORIN TPS UNIT - 4 210 MW



Daily Flexibility(%) : TUTICORIN TPS UNIT - 4 210 MW

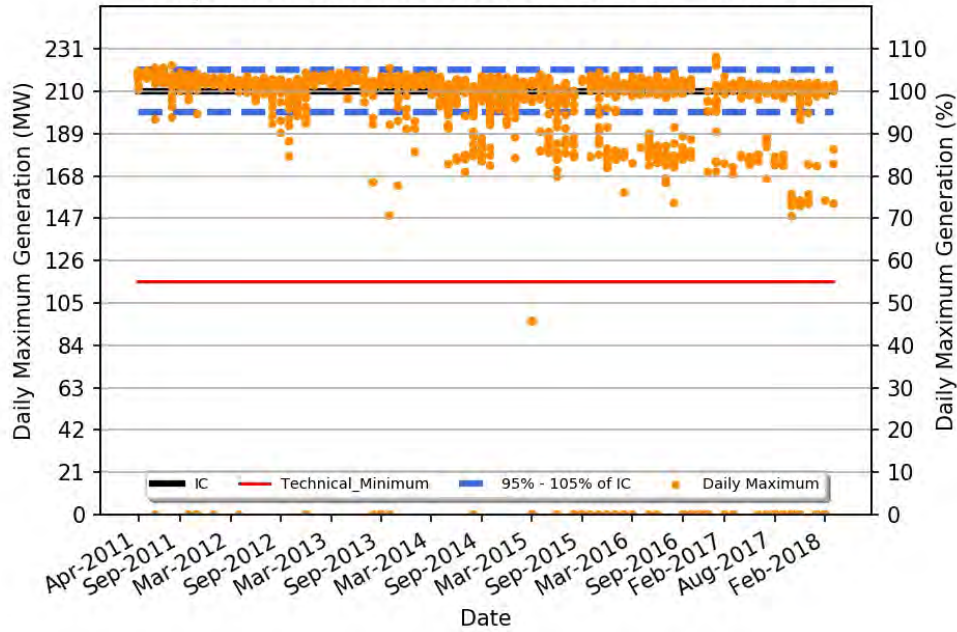


**TUTICORIN TPS UNIT - 4 210 MW**

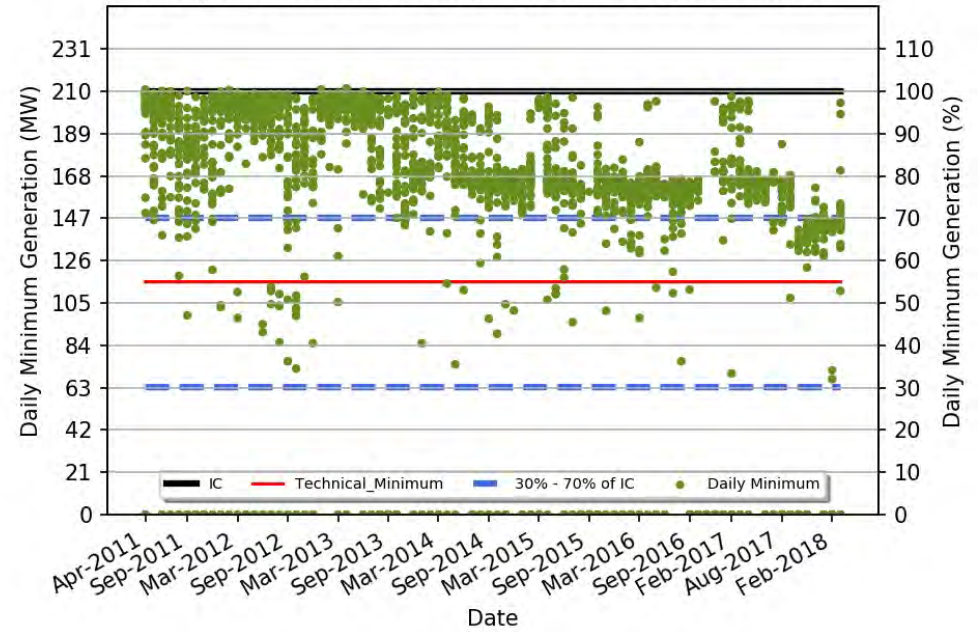
<b>Region</b>	<b>: Southern Region</b>
<b>Number of Days Considered</b>	<b>: 2271</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 81 (%)</b>
(% of total days in operation)	
<b>No. Of Days Min Generation Achieved</b>	<b>: 9 (%)</b>
(% of total days in operation)	
<b>Average Flexibility</b>	<b>: 20 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 205</b>
<b>Daily Average (MW)</b>	<b>: 188</b>
<b>Average Daily Min (MW)</b>	<b>: 161</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 97</b>
<b>Daily Average/IC (%)</b>	<b>: 89</b>
<b>Average Daily Min/IC (%)</b>	<b>: 76</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 313</b>



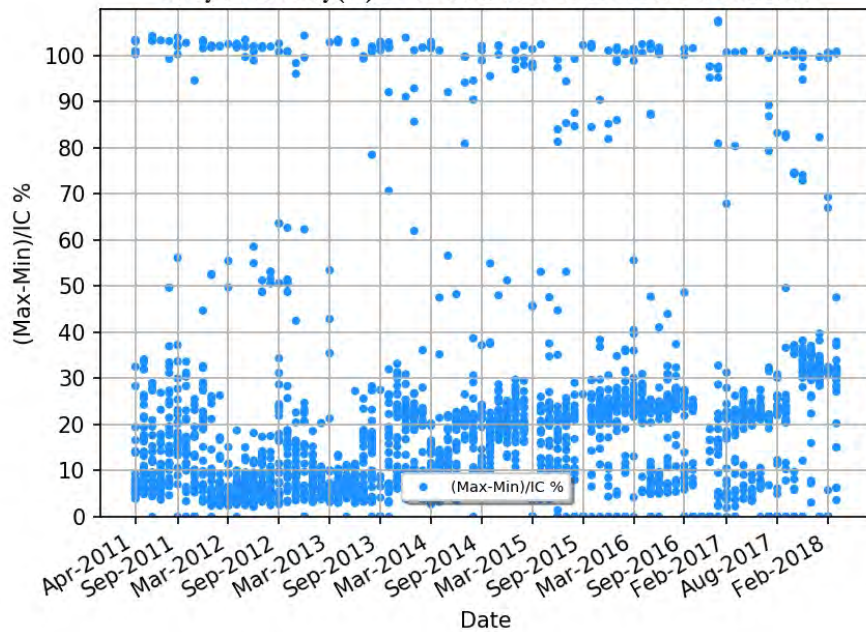
Daily Max Generation : TUTICORIN TPS UNIT - 5 210 MW



Daily Min Generation : TUTICORIN TPS UNIT - 5 210 MW



Daily Flexibility(%) : TUTICORIN TPS UNIT - 5 210 MW



### TUTICORIN TPS UNIT - 5 210 MW

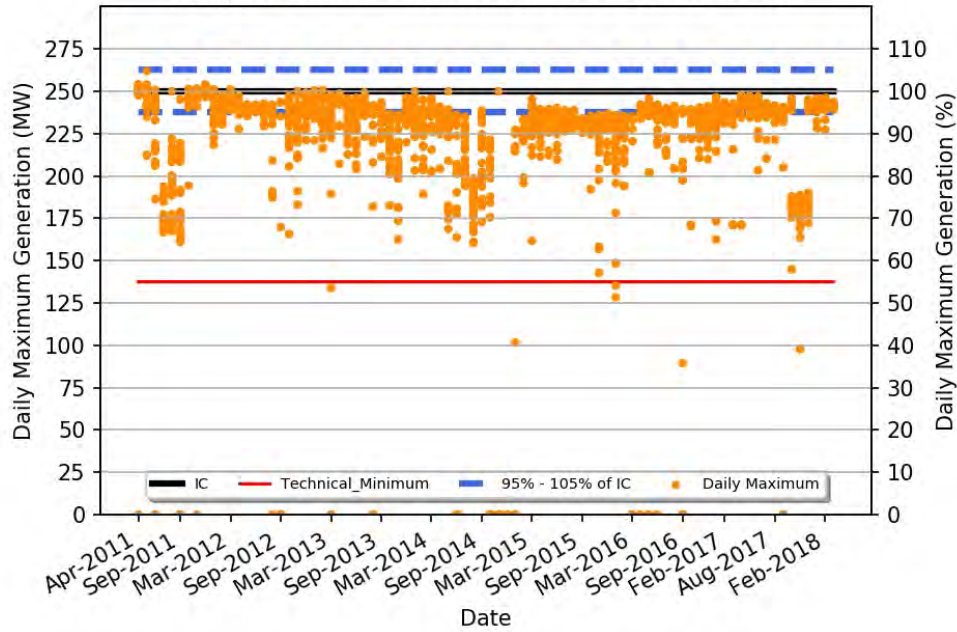
Region	: Southern Region
Number of Days Considered	: 2231
No. Of Days Max Generation Achieved	: 88 (%)
(% of total days in operation)	
No. Of Days Min Generation Achieved	: 9 (%)
(% of total days in operation)	
Average Flexibility	: 22 (%)
Average Daily Max (MW)	: 209
Daily Average (MW)	: 191
Average Daily Min (MW)	: 161
Average Daily Max/ IC (%)	: 99
Daily Average/IC (%)	: 91
Average Daily Min/IC (%)	: 76
Variable Charge (Paisa/kWh)	: 313

# WESTERN REGION

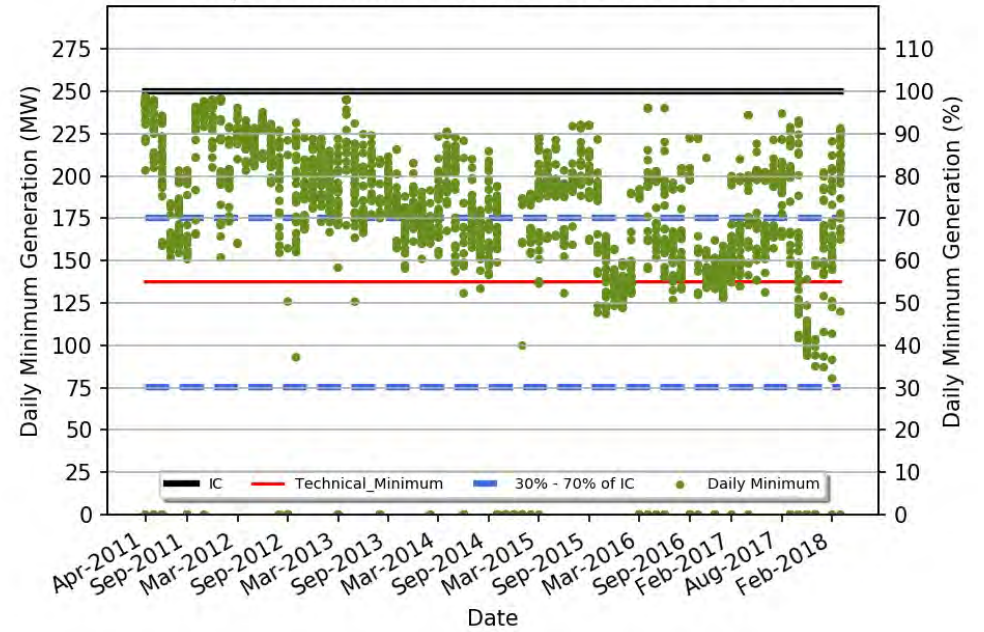


# CENTRAL GENERATION STATIONS

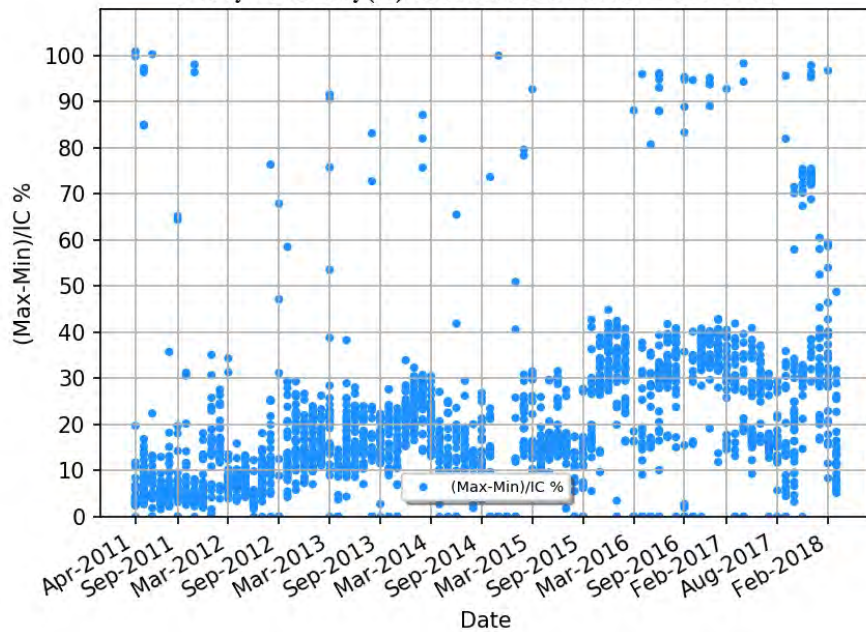
Daily Max Generation : BHILAI TPS UNIT - 1 250 MW



Daily Min Generation : BHILAI TPS UNIT - 1 250 MW



Daily Flexibility(%) : BHILAI TPS UNIT - 1 250 MW

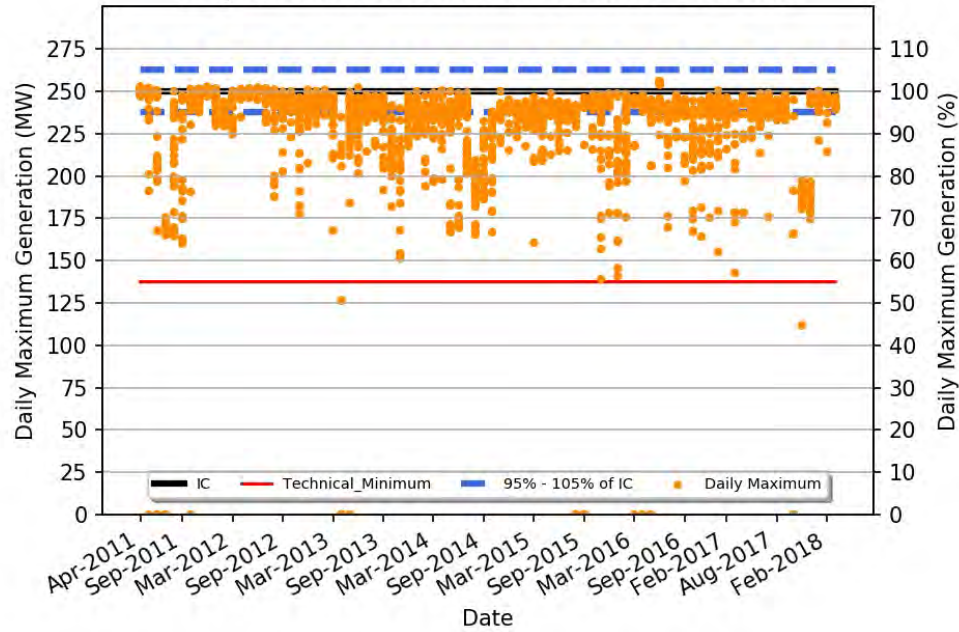


### BHILAI TPS UNIT - 1 250 MW

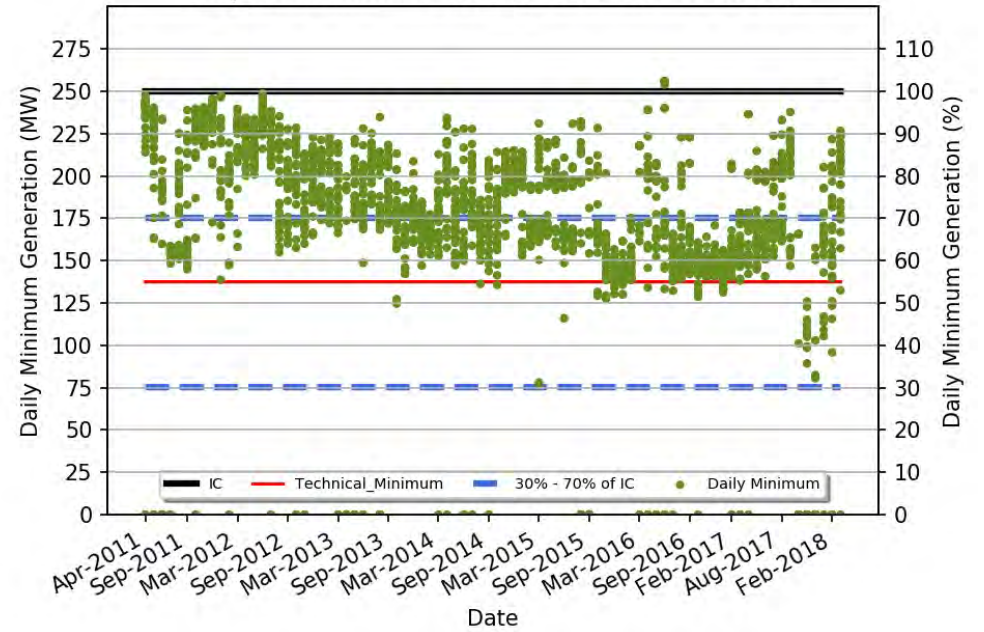
Region	: Western region
Number of Days Considered	: 2318
No. Of Days Max Generation Achieved	: 42 (%)
(% of total days in operation)	
No. Of Days Min Generation Achieved	: 36 (%)
(% of total days in operation)	
Average Flexibility	: 19 (%)
Average Daily Max (MW)	: 228
Daily Average (MW)	: 207
Average Daily Min (MW)	: 179
Average Daily Max/ IC (%)	: 91
Daily Average/IC (%)	: 82
Average Daily Min/IC (%)	: 71
Variable Charge (Paisa/kWh)	: 357
Number Of Beneficiaries	: 4



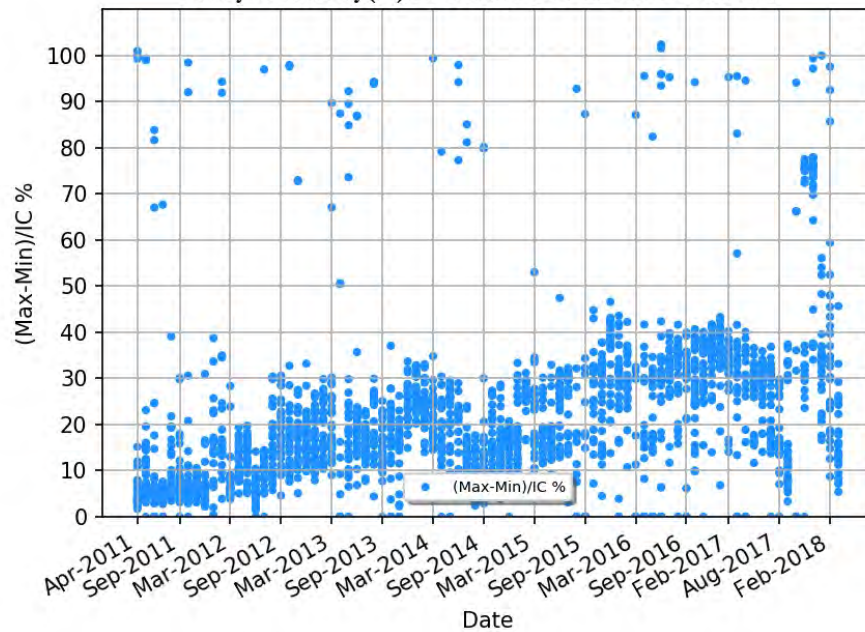
Daily Max Generation : BHILAI TPS UNIT - 2 250 MW



Daily Min Generation : BHILAI TPS UNIT - 2 250 MW



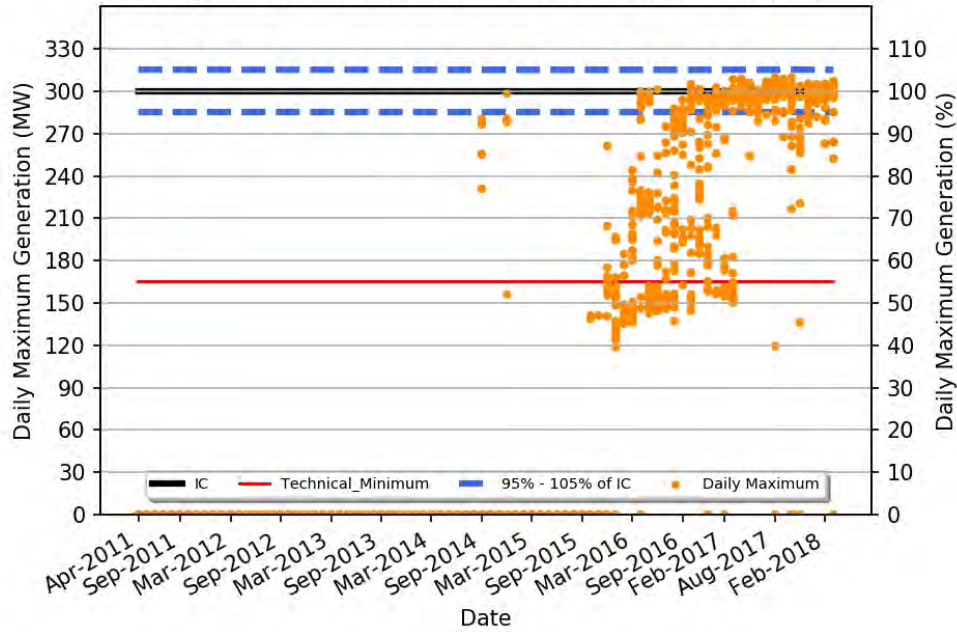
Daily Flexibility(%) : BHILAI TPS UNIT - 2 250 MW



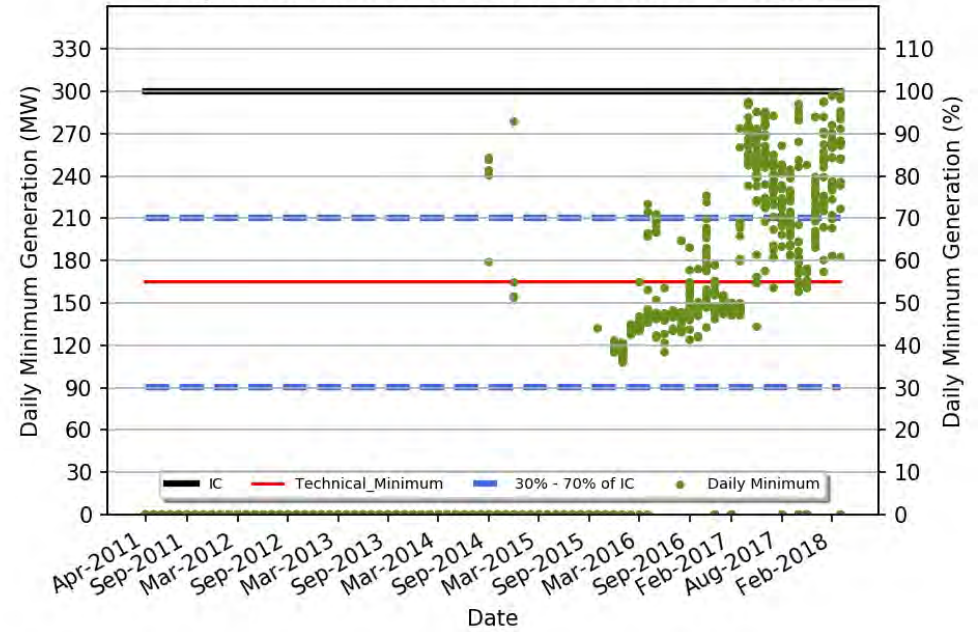
**BHILAI TPS UNIT - 2 250 MW**

<b>Region</b>	<b>: Western region</b>
<b>Number of Days Considered</b>	<b>: 2439</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 56 (%)</b>
(% of total days in operation)	
<b>No. Of Days Min Generation Achieved</b>	<b>: 41 (%)</b>
(% of total days in operation)	
<b>Average Flexibility</b>	<b>: 21 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 230</b>
<b>Daily Average (MW)</b>	<b>: 207</b>
<b>Average Daily Min (MW)</b>	<b>: 178</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 92</b>
<b>Daily Average/IC (%)</b>	<b>: 82</b>
<b>Average Daily Min/IC (%)</b>	<b>: 71</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 357</b>
<b>Number Of Beneficiaries</b>	<b>: 4</b>

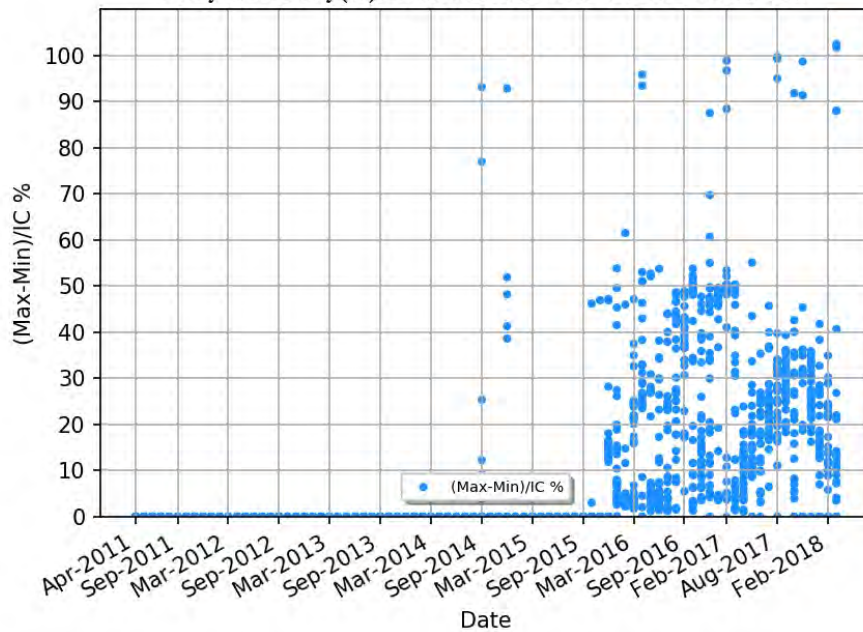
Daily Max Generation : DHARIWAL TPP UNIT - 2 300 MW



Daily Min Generation : DHARIWAL TPP UNIT - 2 300 MW



Daily Flexibility(%) : DHARIWAL TPP UNIT - 2 300 MW

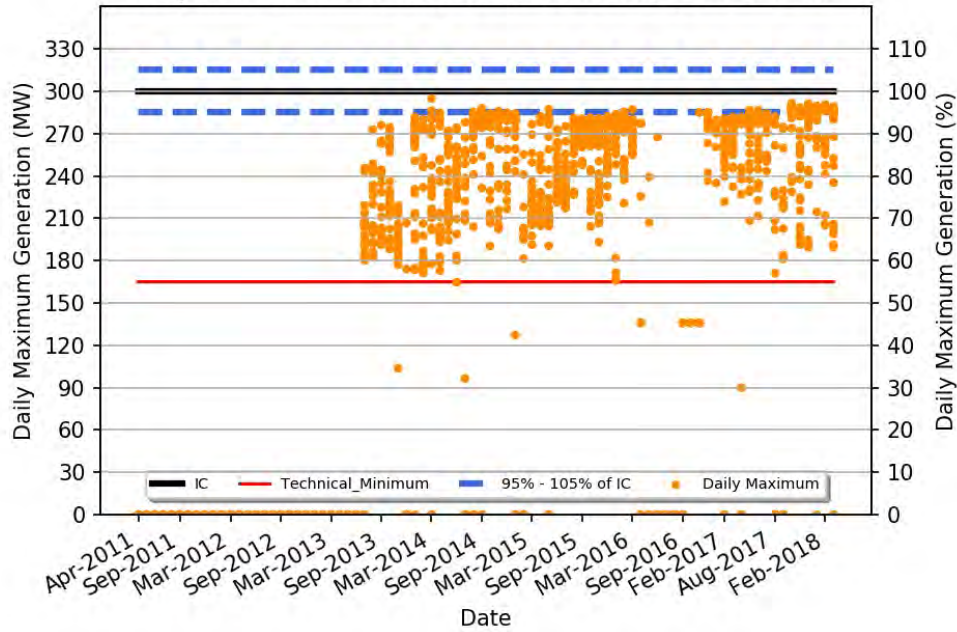


**DHARIWAL TPP UNIT - 2 300 MW**

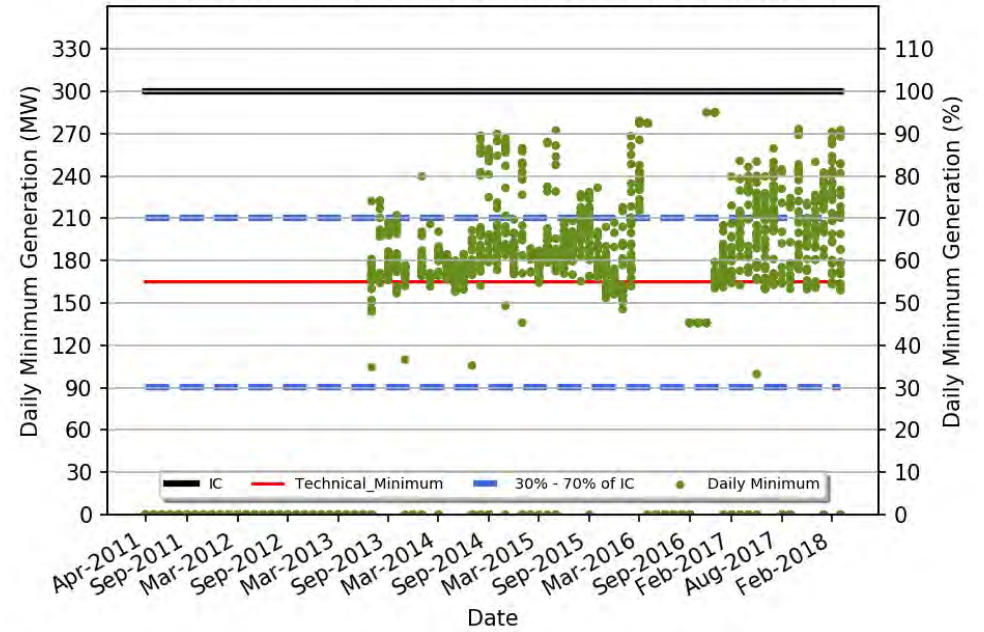
<b>Region</b>	<b>: Western region</b>
<b>Number of Days Considered</b>	<b>: 802</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 47 (%)</b>
(% of total days in operation)	
<b>No. Of Days Min Generation Achieved</b>	<b>: 63 (%)</b>
(% of total days in operation)	
<b>Average Flexibility</b>	<b>: 22 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 245</b>
<b>Daily Average (MW)</b>	<b>: 211</b>
<b>Average Daily Min (MW)</b>	<b>: 177</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 81</b>
<b>Daily Average/IC (%)</b>	<b>: 70</b>
<b>Average Daily Min/IC (%)</b>	<b>: 59</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 236</b>
<b>Number Of Beneficiaries</b>	<b>: 2</b>



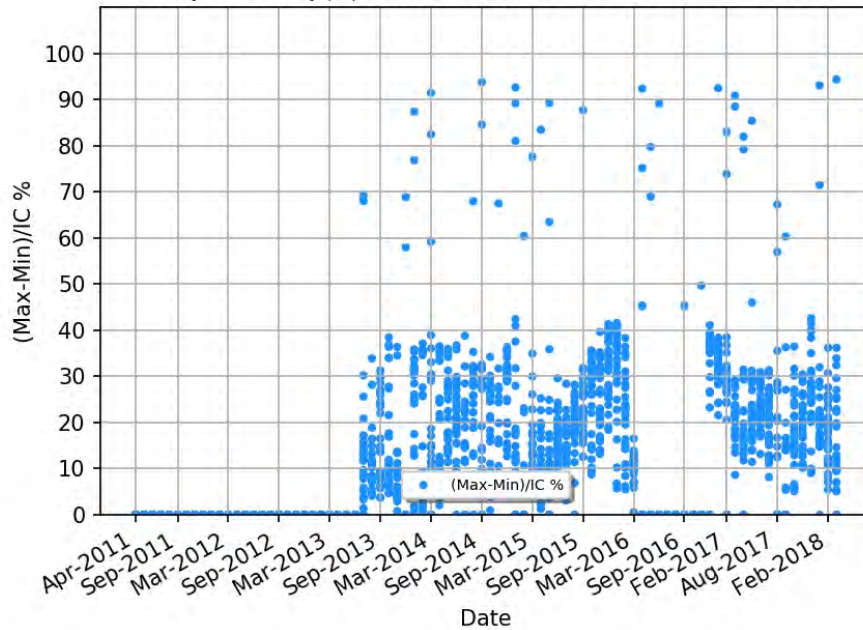
Daily Max Generation : GMR WARORA TPS UNIT - 1 300 MW



Daily Min Generation : GMR WARORA TPS UNIT - 1 300 MW



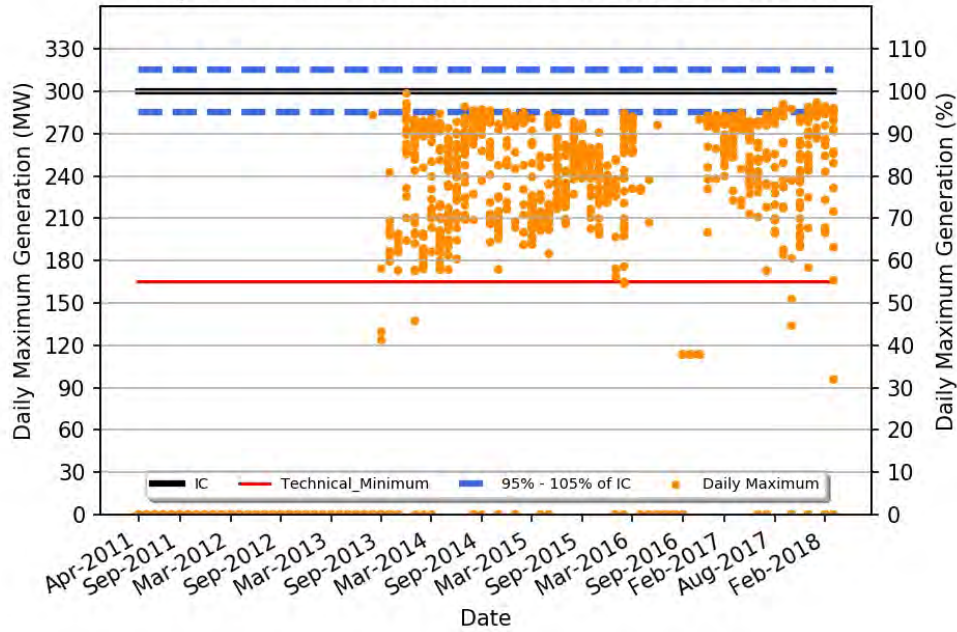
Daily Flexibility(%) : GMR WARORA TPS UNIT - 1 300 MW



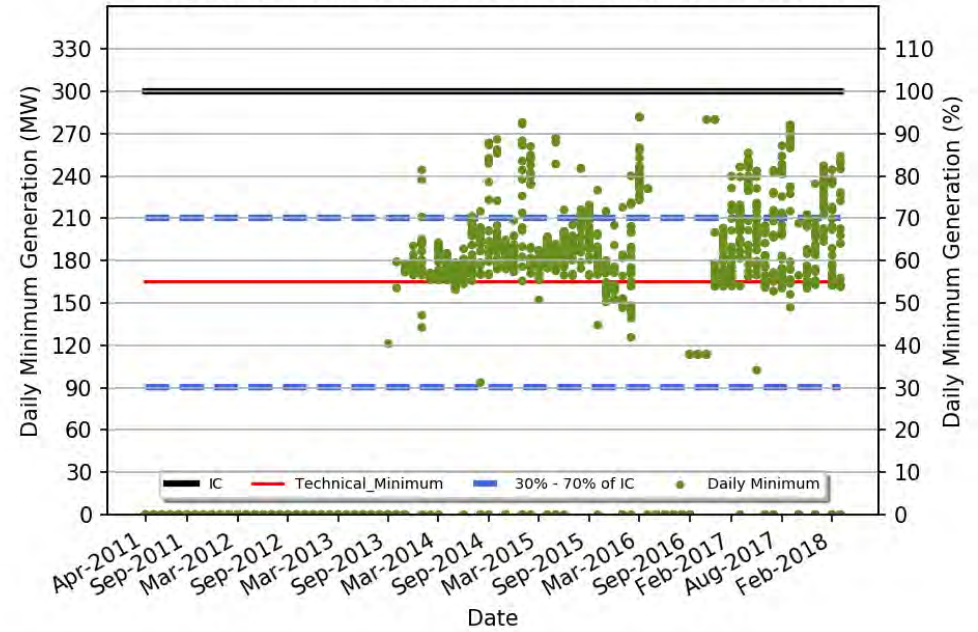
**GMR WARORA TPS UNIT - 1 300 MW**

<b>Region</b>	<b>: Western region</b>
<b>Number of Days Considered</b>	<b>: 1414</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 7 (%)</b>
(% of total days in operation)	
<b>No. Of Days Min Generation Achieved</b>	<b>: 75 (%)</b>
(% of total days in operation)	
<b>Average Flexibility</b>	<b>: 19 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 245</b>
<b>Daily Average (MW)</b>	<b>: 217</b>
<b>Average Daily Min (MW)</b>	<b>: 187</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 81</b>
<b>Daily Average/IC (%)</b>	<b>: 72</b>
<b>Average Daily Min/IC (%)</b>	<b>: 62</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 248</b>
<b>Number Of Beneficiaries</b>	<b>: 3</b>

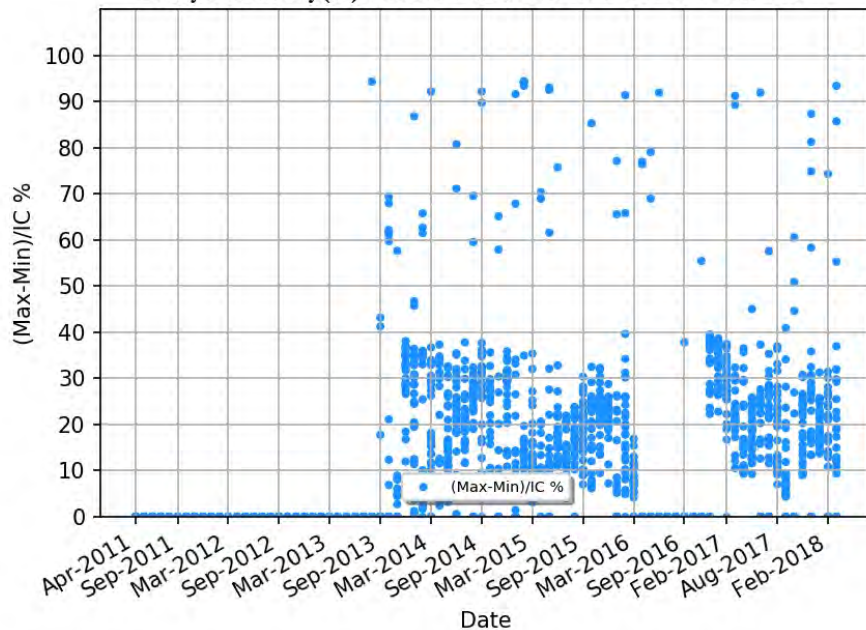
Daily Max Generation : GMR WARORA TPS UNIT - 2 300 MW



Daily Min Generation : GMR WARORA TPS UNIT - 2 300 MW



Daily Flexibility(%) : GMR WARORA TPS UNIT - 2 300 MW

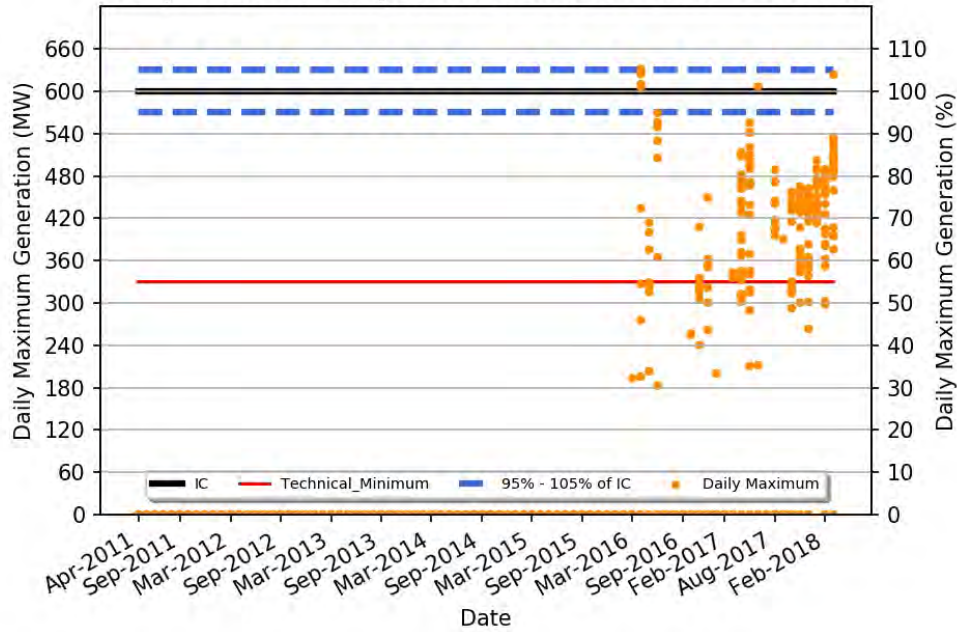


**GMR WARORA TPS UNIT - 2 300 MW**

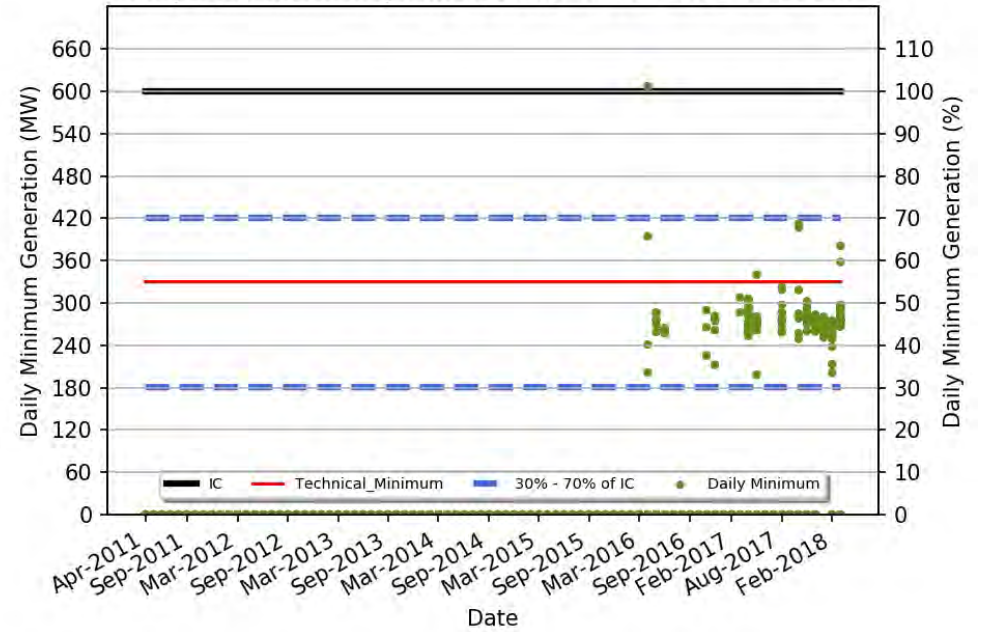
<b>Region</b>	<b>: Western region</b>
<b>Number of Days Considered</b>	<b>: 1277</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 5 (%)</b>
(% of total days in operation)	
<b>No. Of Days Min Generation Achieved</b>	<b>: 77 (%)</b>
(% of total days in operation)	
<b>Average Flexibility</b>	<b>: 19 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 242</b>
<b>Daily Average (MW)</b>	<b>: 214</b>
<b>Average Daily Min (MW)</b>	<b>: 183</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 80</b>
<b>Daily Average/IC (%)</b>	<b>: 71</b>
<b>Average Daily Min/IC (%)</b>	<b>: 61</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 248</b>
<b>Number Of Beneficiaries</b>	<b>: 3</b>



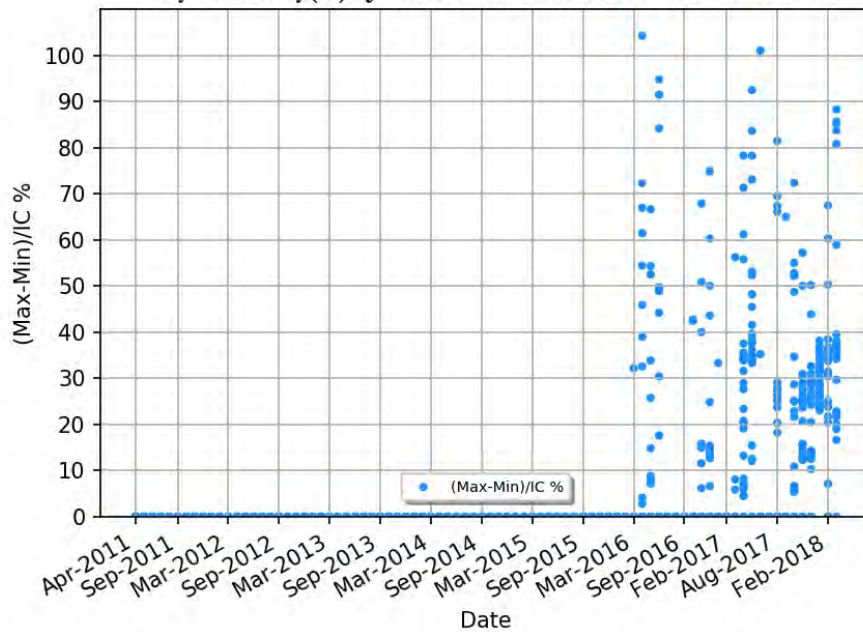
Daily Max Generation : JHABUA POWER TPP UNIT - 1 600 MW



Daily Min Generation : JHABUA POWER TPP UNIT - 1 600 MW



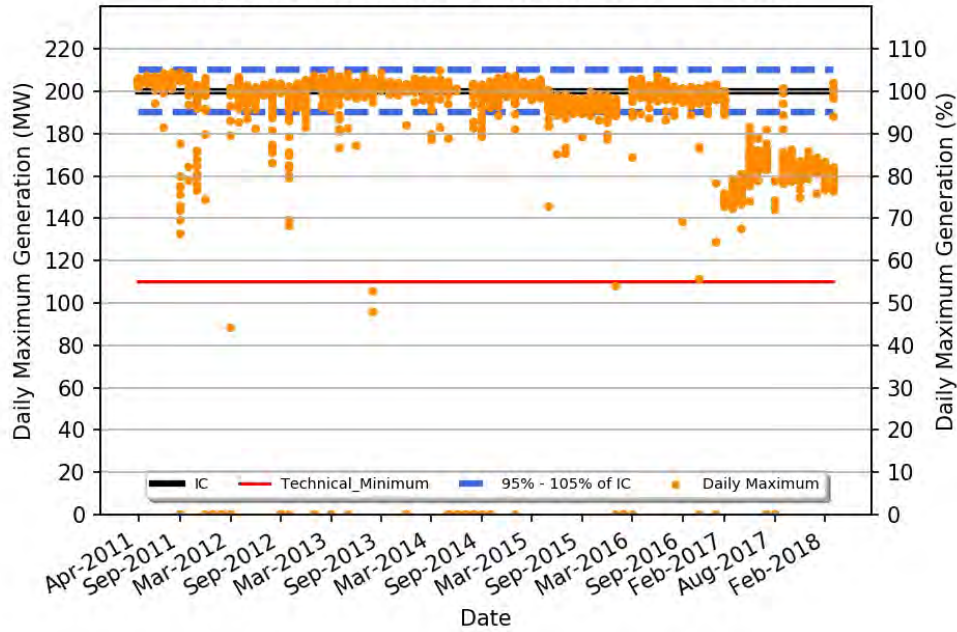
Daily Flexibility(%) : JHABUA POWER TPP UNIT - 1 600 MW



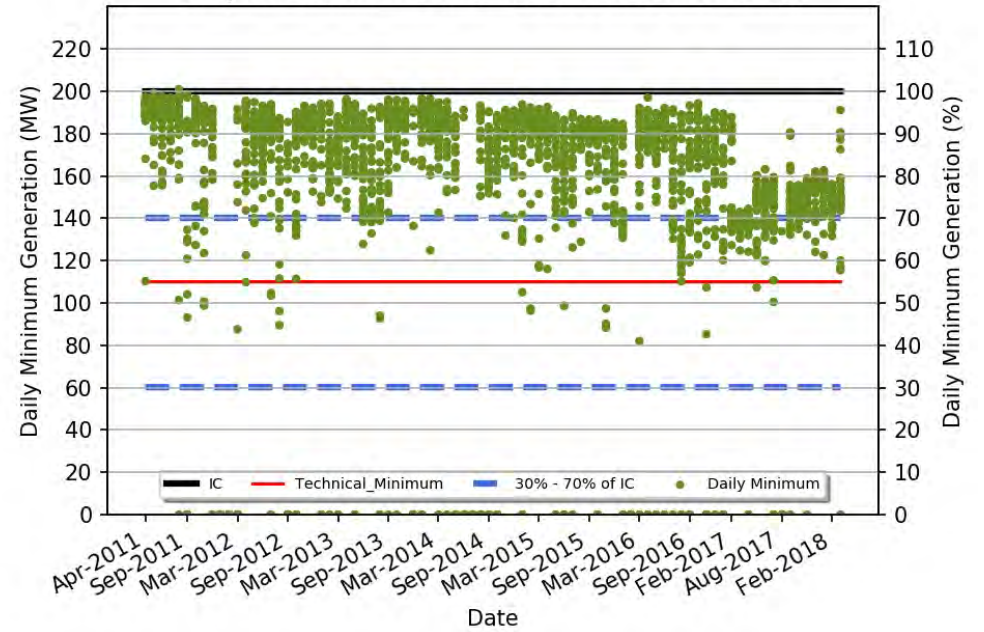
### JHABUA POWER TPP UNIT - 1 600 MW

Region	: Western region
Number of Days Considered	: 231
No. Of Days Max Generation Achieved	: 3 (%)
(% of total days in operation)	
No. Of Days Min Generation Achieved	: 86 (%)
(% of total days in operation)	
Average Flexibility	: 31 (%)
Average Daily Max (MW)	: 430
Daily Average (MW)	: 335
Average Daily Min (MW)	: 242
Average Daily Max/ IC (%)	: 71
Daily Average/IC (%)	: 55
Average Daily Min/IC (%)	: 40
Variable Charge (Paisa/kWh)	: 181
Number Of Beneficiaries	: 2

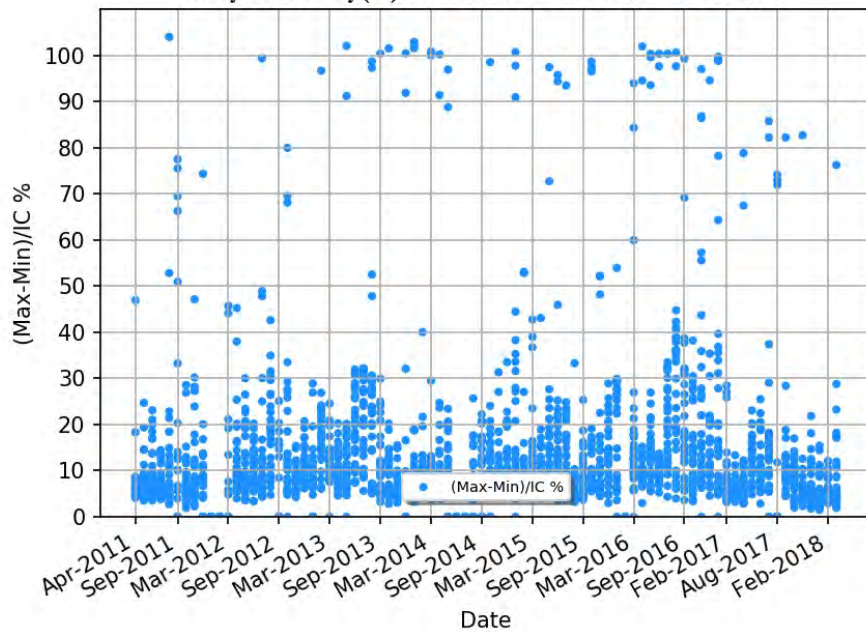
Daily Max Generation : KORBA STPS UNIT - 1 200 MW



Daily Min Generation : KORBA STPS UNIT - 1 200 MW



Daily Flexibility(%) : KORBA STPS UNIT - 1 200 MW

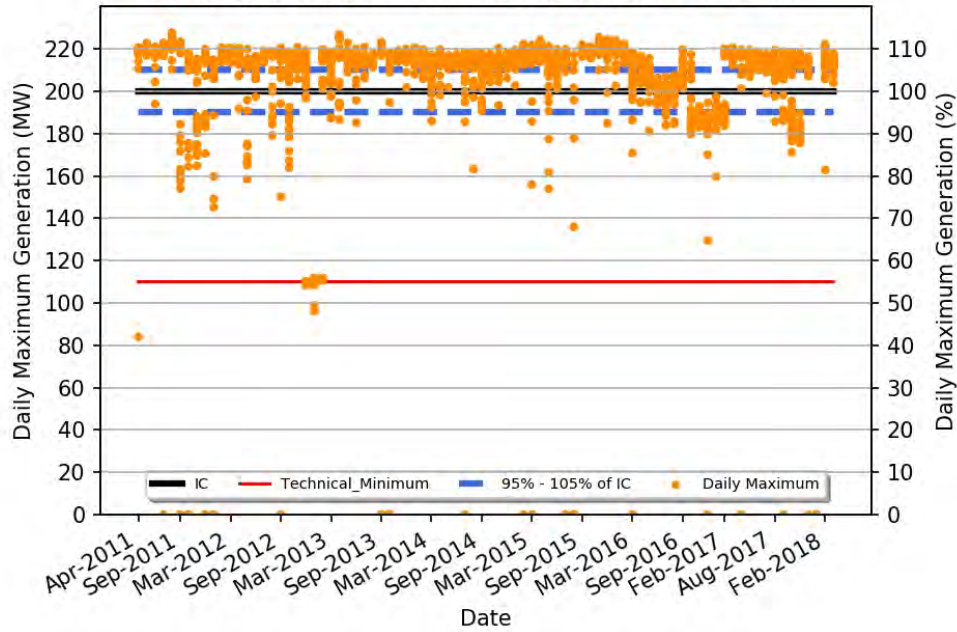


**KORBA STPS UNIT - 1 200 MW**

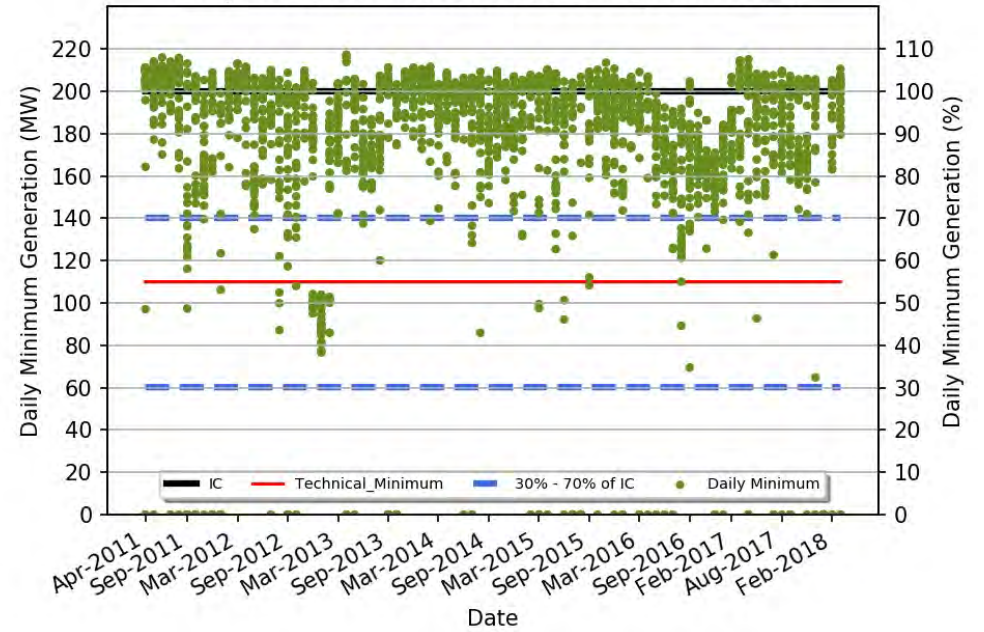
<b>Region</b>	<b>: Western region</b>
<b>Number of Days Considered</b>	<b>: 2208</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 78 (%)</b>
(% of total days in operation)	
<b>No. Of Days Min Generation Achieved</b>	<b>: 10 (%)</b>
(% of total days in operation)	
<b>Average Flexibility</b>	<b>: 14 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 192</b>
<b>Daily Average (MW)</b>	<b>: 182</b>
<b>Average Daily Min (MW)</b>	<b>: 164</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 96</b>
<b>Daily Average/IC (%)</b>	<b>: 91</b>
<b>Average Daily Min/IC (%)</b>	<b>: 82</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 133</b>
<b>Number Of Beneficiaries</b>	<b>: 16</b>



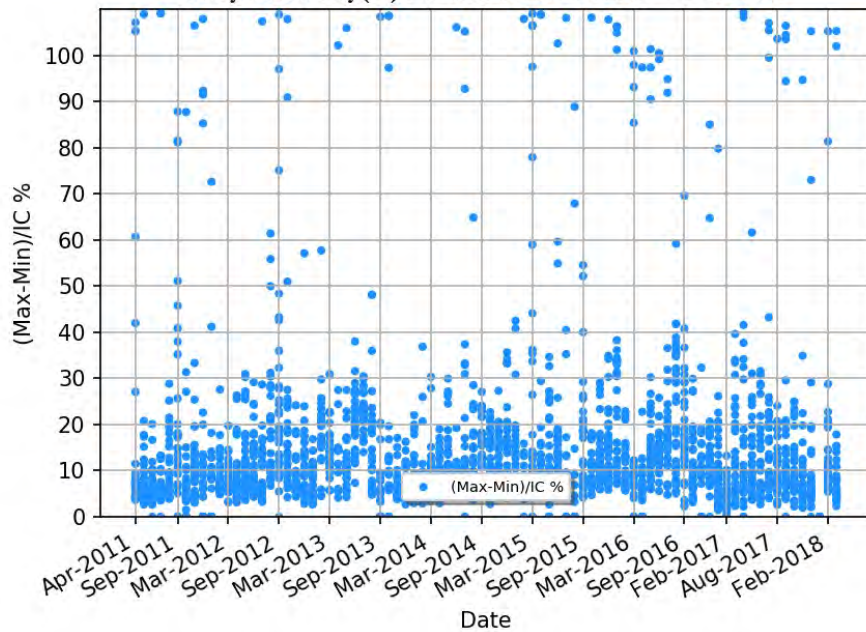
Daily Max Generation : KORBA STPS UNIT - 2 200 MW



Daily Min Generation : KORBA STPS UNIT - 2 200 MW



Daily Flexibility(%): KORBA STPS UNIT - 2 200 MW

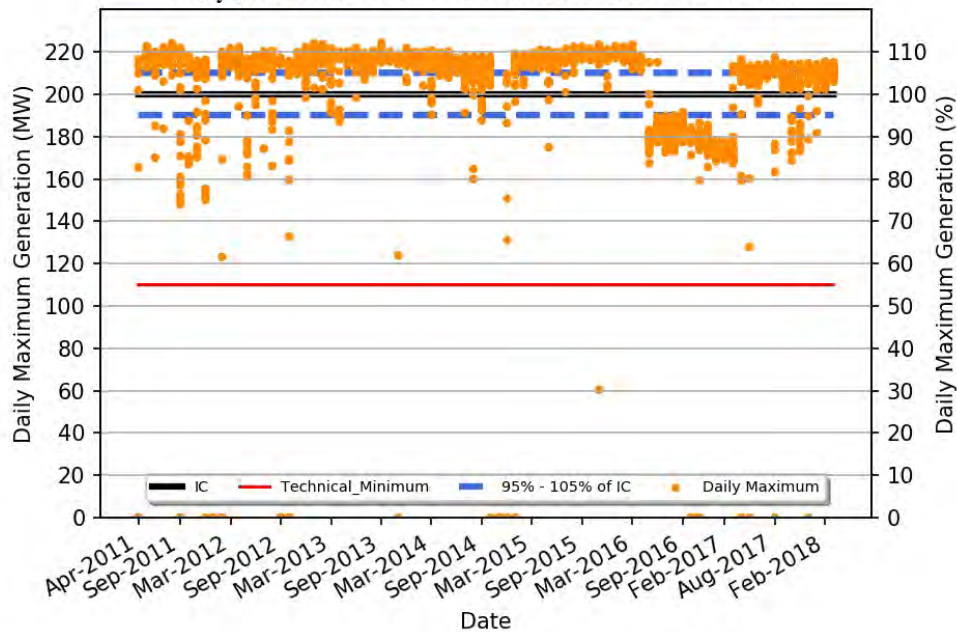


### KORBA STPS UNIT - 2 200 MW

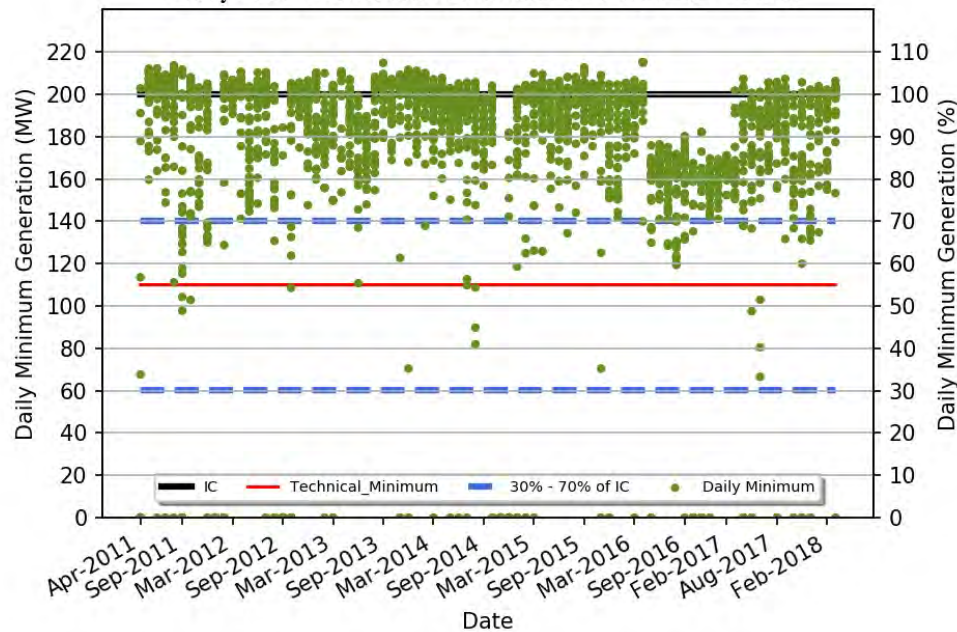
Region	: Western region
Number of Days Considered	: 2389
No. Of Days Max Generation Achieved	: 17 (%)
(% of total days in operation)	
No. Of Days Min Generation Achieved	: 5 (%)
(% of total days in operation)	
Average Flexibility	: 15 (%)
Average Daily Max (MW)	: 208
Daily Average (MW)	: 197
Average Daily Min (MW)	: 178
Average Daily Max/ IC (%)	: 104
Daily Average/IC (%)	: 98
Average Daily Min/IC (%)	: 89
Variable Charge (Paisa/kWh)	: 133
Number Of Beneficiaries	: 16



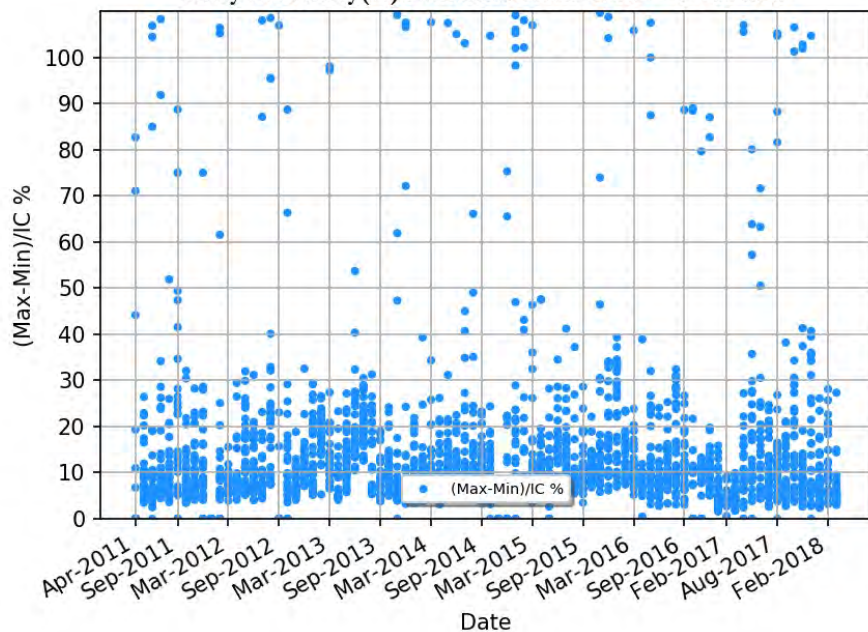
Daily Max Generation : KORBA STPS UNIT - 3 200 MW



Daily Min Generation : KORBA STPS UNIT - 3 200 MW



Daily Flexibility(%): KORBA STPS UNIT - 3 200 MW

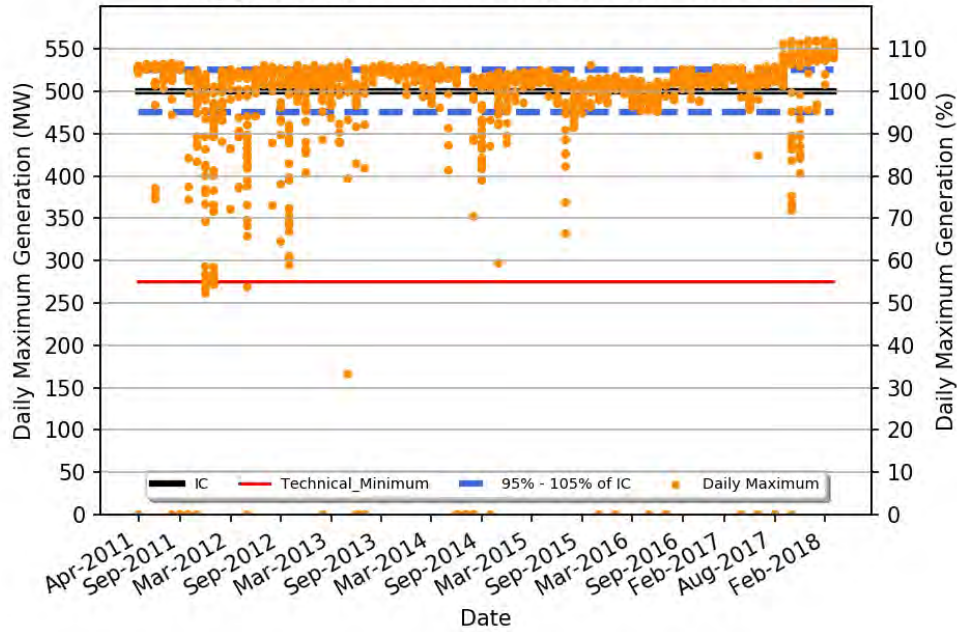


**KORBA STPS UNIT - 3 200 MW**

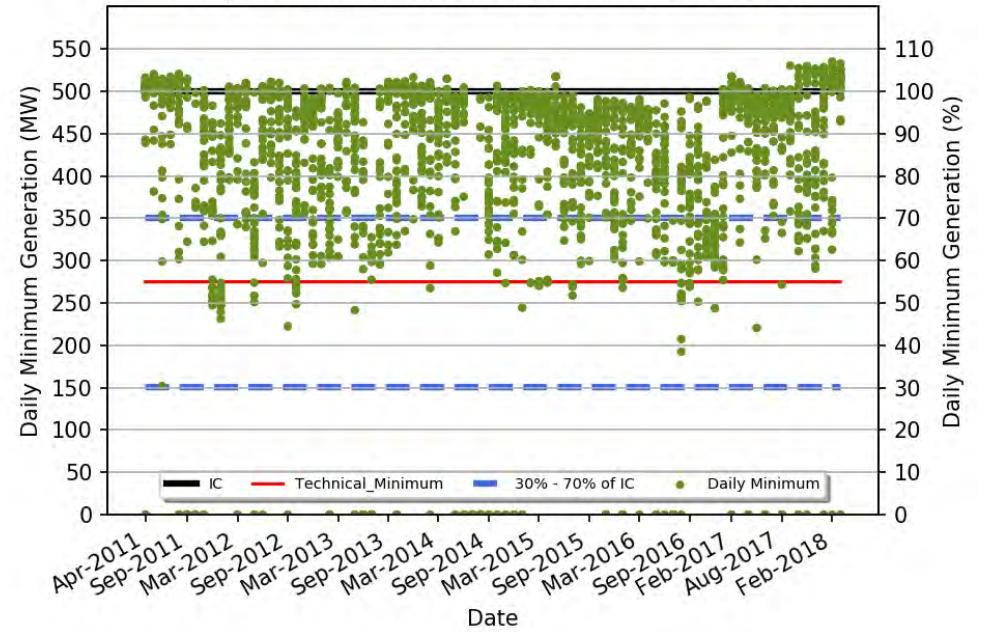
Region	: Western region
Number of Days Considered	: 2344
No. Of Days Max Generation Achieved	: 13 (%)
(% of total days in operation)	
No. Of Days Min Generation Achieved	: 3 (%)
(% of total days in operation)	
Average Flexibility	: 14 (%)
Average Daily Max (MW)	: 208
Daily Average (MW)	: 197
Average Daily Min (MW)	: 179
Average Daily Max/ IC (%)	: 104
Daily Average/IC (%)	: 98
Average Daily Min/IC (%)	: 89
Variable Charge (Paisa/kWh)	: 133
Number Of Beneficiaries	: 16



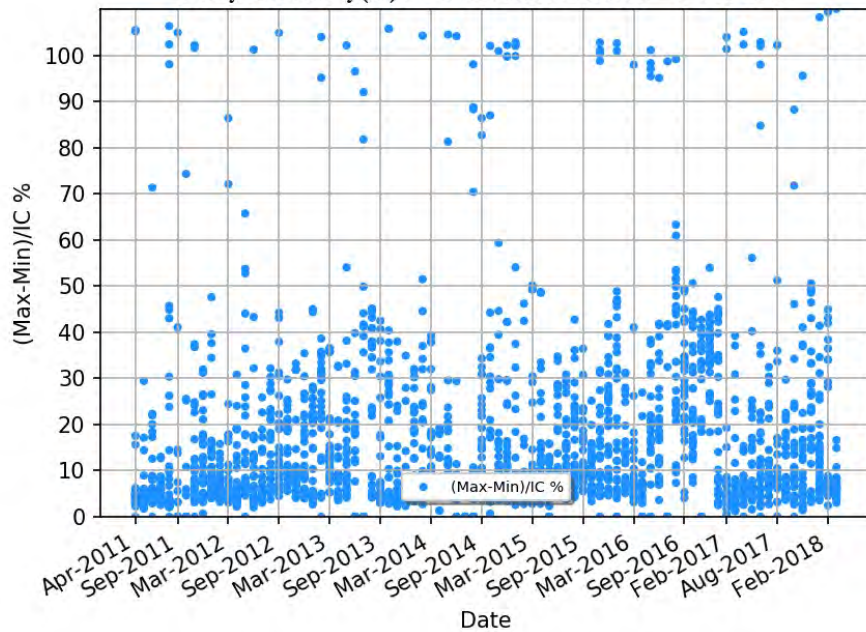
Daily Max Generation : KORBA STPS UNIT - 4 500 MW



Daily Min Generation : KORBA STPS UNIT - 4 500 MW



Daily Flexibility(%): KORBA STPS UNIT - 4 500 MW

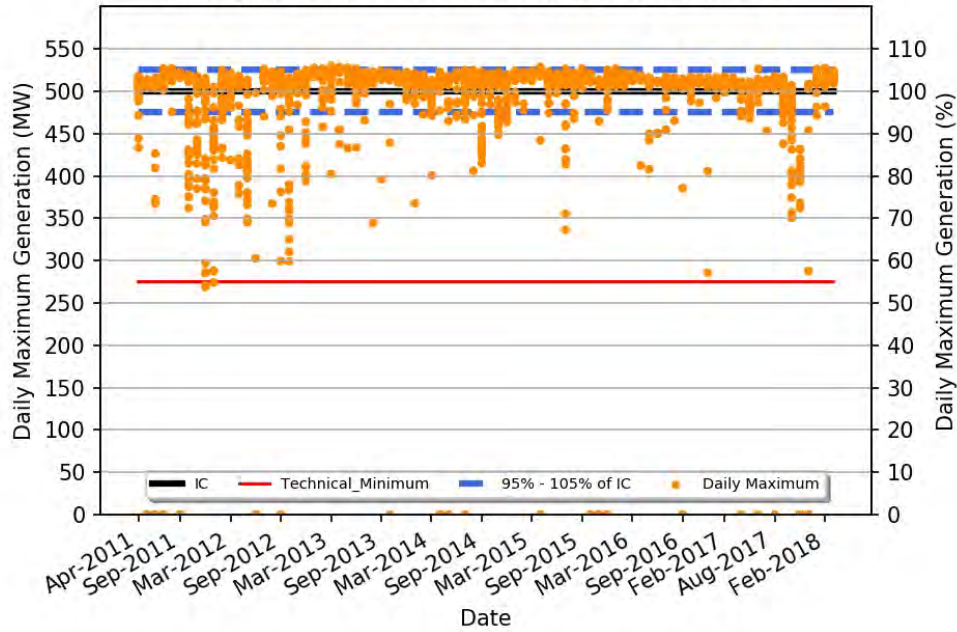


**KORBA STPS UNIT - 4 500 MW**

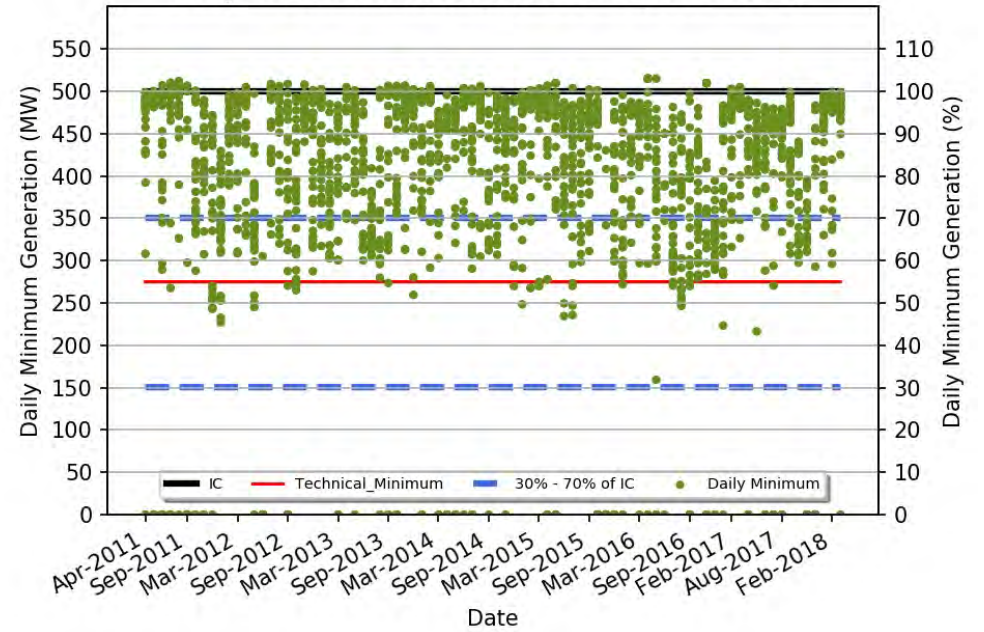
<b>Region</b>	<b>: Western region</b>
<b>Number of Days Considered</b>	<b>: 2348</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 71 (%)</b>
(% of total days in operation)	
<b>No. Of Days Min Generation Achieved</b>	<b>: 14 (%)</b>
(% of total days in operation)	
<b>Average Flexibility</b>	<b>: 16 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 505</b>
<b>Daily Average (MW)</b>	<b>: 477</b>
<b>Average Daily Min (MW)</b>	<b>: 423</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 101</b>
<b>Daily Average/IC (%)</b>	<b>: 95</b>
<b>Average Daily Min/IC (%)</b>	<b>: 84</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 133</b>
<b>Number Of Beneficiaries</b>	<b>: 16</b>



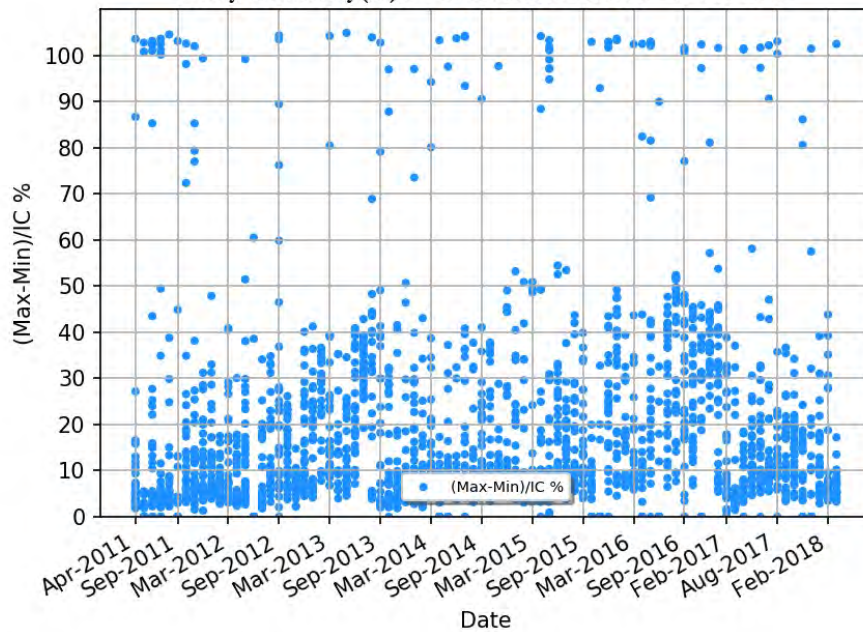
Daily Max Generation : KORBA STPS UNIT - 5 500 MW



Daily Min Generation : KORBA STPS UNIT - 5 500 MW



Daily Flexibility(%): KORBA STPS UNIT - 5 500 MW

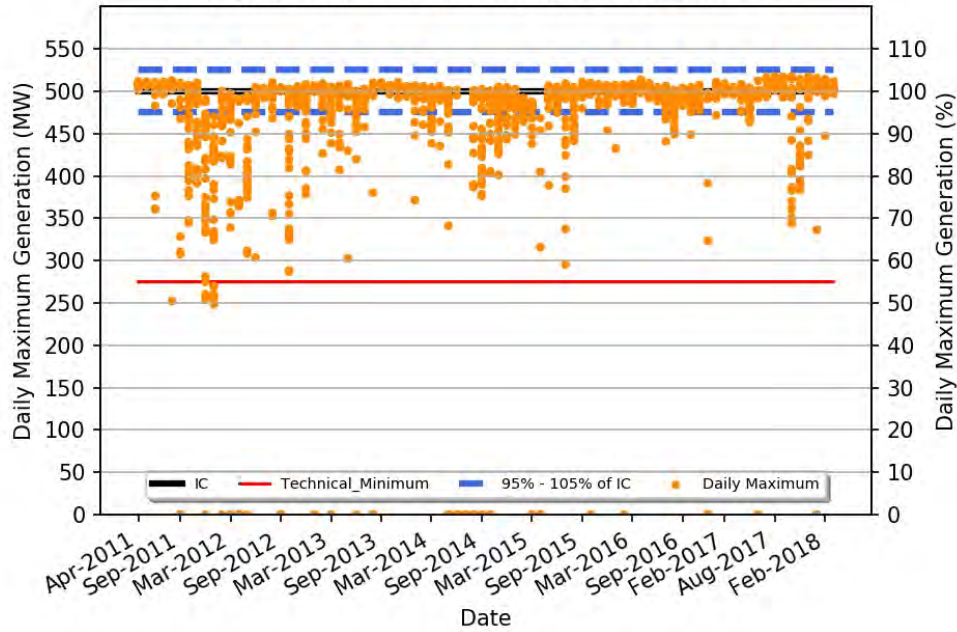


**KORBA STPS UNIT - 5 500 MW**

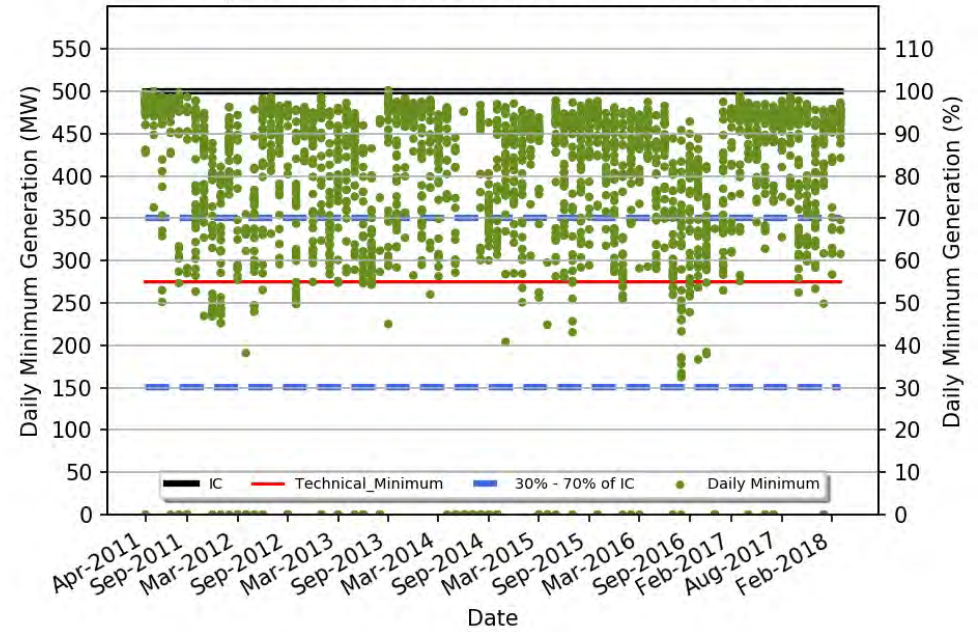
Region	: Western region
Number of Days Considered	: 2345
No. Of Days Max Generation Achieved	: 84 (%)
(% of total days in operation)	
No. Of Days Min Generation Achieved	: 18 (%)
(% of total days in operation)	
Average Flexibility	: 18 (%)
Average Daily Max (MW)	: 502
Daily Average (MW)	: 470
Average Daily Min (MW)	: 411
Average Daily Max/ IC (%)	: 100
Daily Average/IC (%)	: 94
Average Daily Min/IC (%)	: 82
Variable Charge (Paisa/kWh)	: 133
Number Of Beneficiaries	: 16



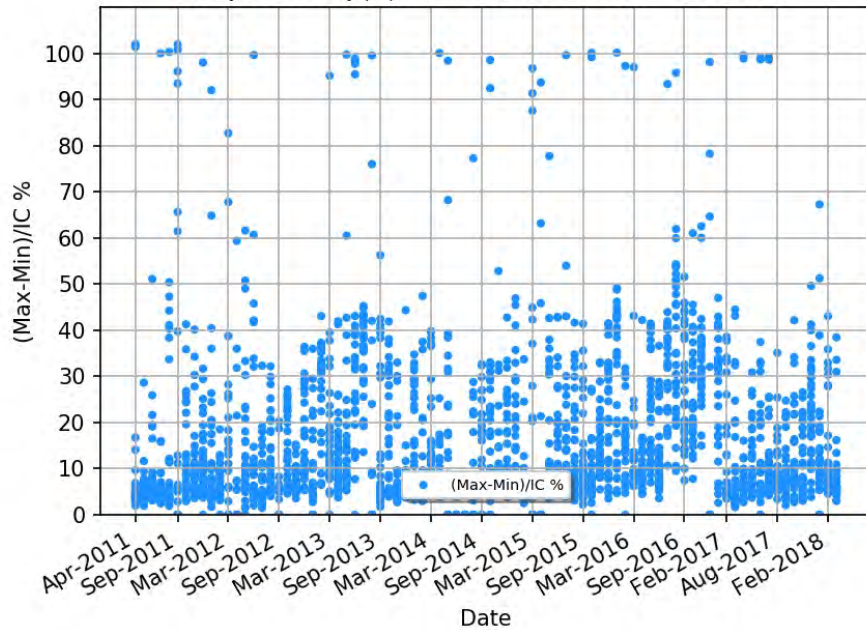
Daily Max Generation : KORBA STPS UNIT - 6 500 MW



Daily Min Generation : KORBA STPS UNIT - 6 500 MW



Daily Flexibility(%) : KORBA STPS UNIT - 6 500 MW

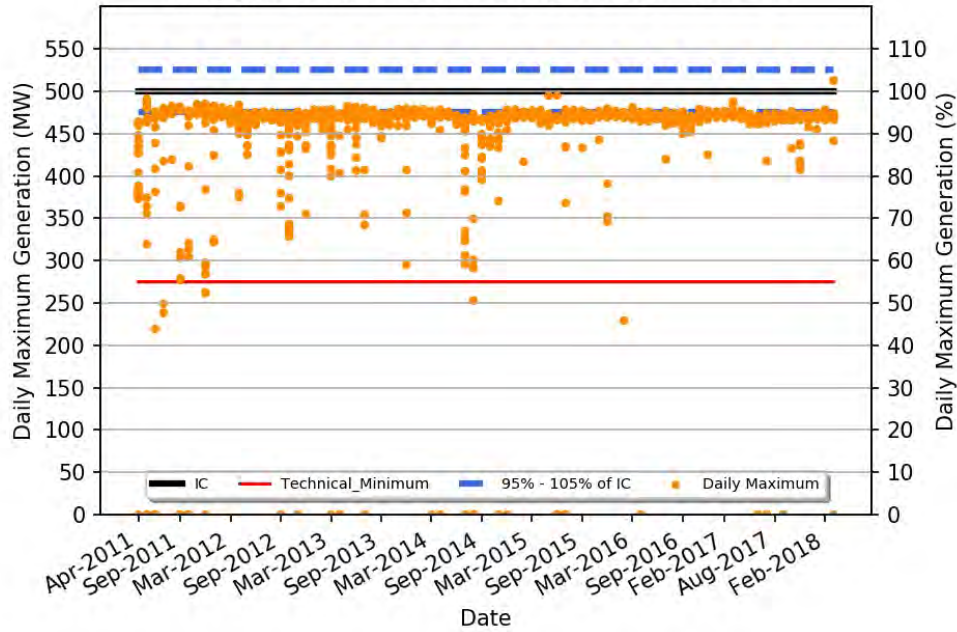


**KORBA STPS UNIT - 6 500 MW**

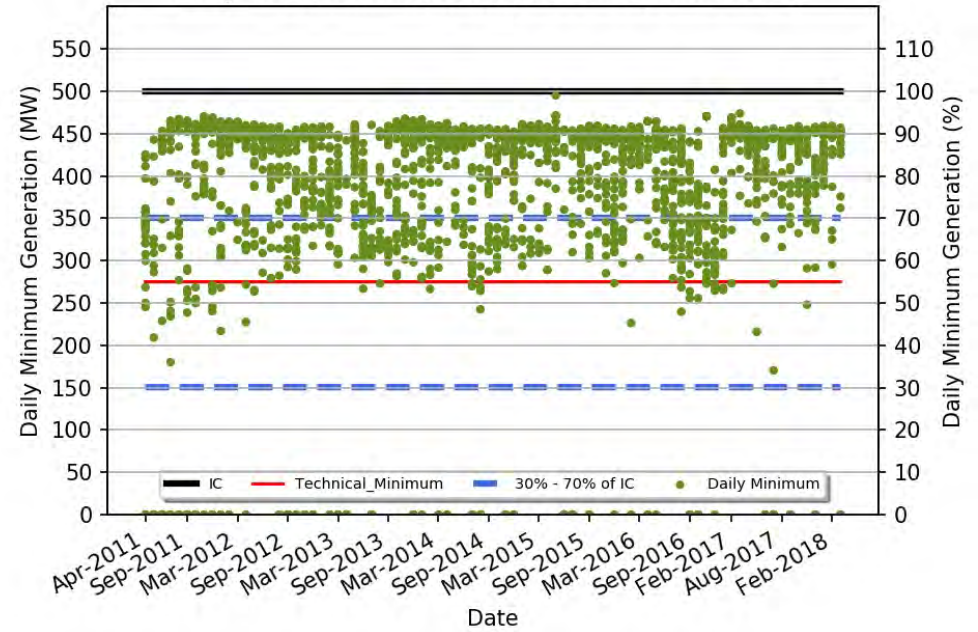
Region	: Western region
Number of Days Considered	: 2254
No. Of Days Max Generation Achieved	: 84 (%)
(% of total days in operation)	
No. Of Days Min Generation Achieved	: 22 (%)
(% of total days in operation)	
Average Flexibility	: 16 (%)
Average Daily Max (MW)	: 486
Daily Average (MW)	: 456
Average Daily Min (MW)	: 402
Average Daily Max/ IC (%)	: 97
Daily Average/IC (%)	: 91
Average Daily Min/IC (%)	: 80
Variable Charge (Paisa/kWh)	: 133
Number Of Beneficiaries	: 16



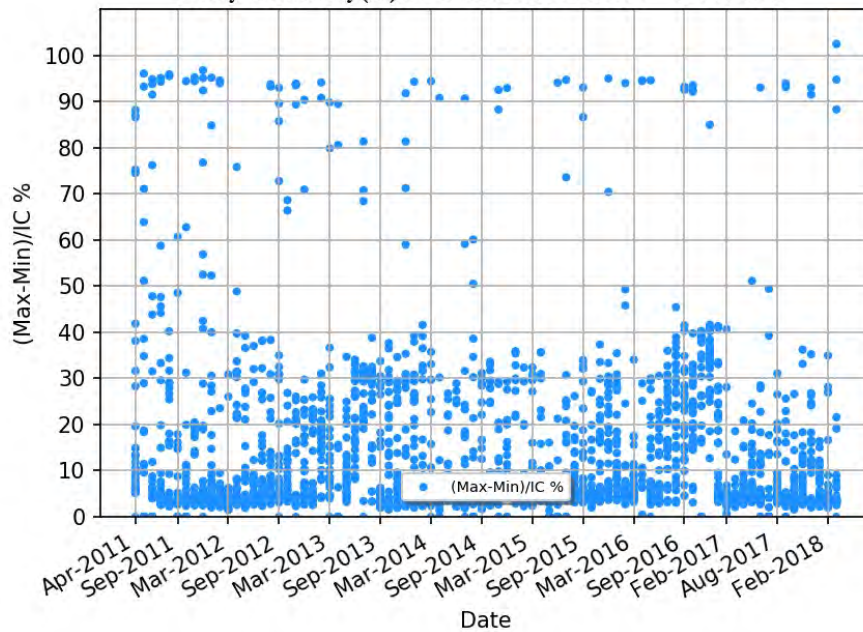
Daily Max Generation : KORBA STPS UNIT - 7 500 MW



Daily Min Generation : KORBA STPS UNIT - 7 500 MW



Daily Flexibility(%): KORBA STPS UNIT - 7 500 MW

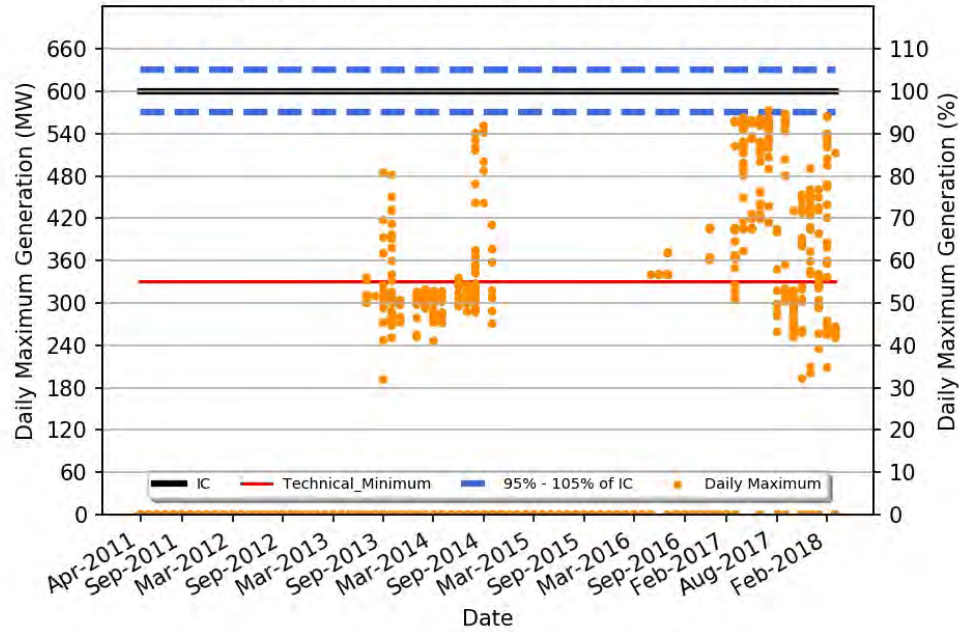


**KORBA STPS UNIT - 7 500 MW**

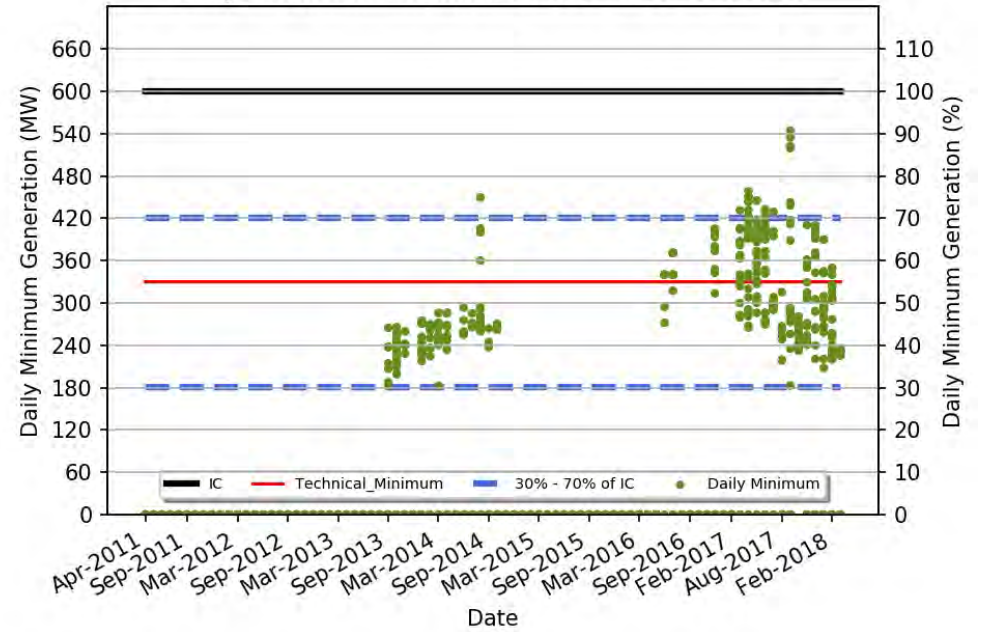
Region	: Western region
Number of Days Considered	: 2345
No. Of Days Max Generation Achieved	: 16 (%)
(% of total days in operation)	
No. Of Days Min Generation Achieved	: 20 (%)
(% of total days in operation)	
Average Flexibility	: 14 (%)
Average Daily Max (MW)	: 465
Daily Average (MW)	: 442
Average Daily Min (MW)	: 395
Average Daily Max/ IC (%)	: 93
Daily Average/IC (%)	: 88
Average Daily Min/IC (%)	: 79
Variable Charge (Paisa/kWh)	: 130
Number Of Beneficiaries	: 17



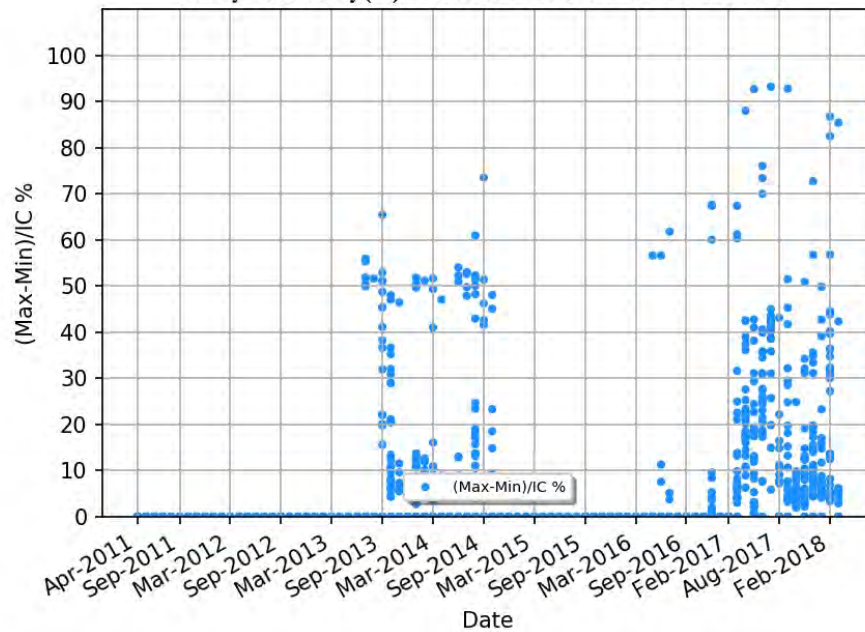
Daily Max Generation : MAHAN TPP UNIT - 1 600 MW



Daily Min Generation : MAHAN TPP UNIT - 1 600 MW



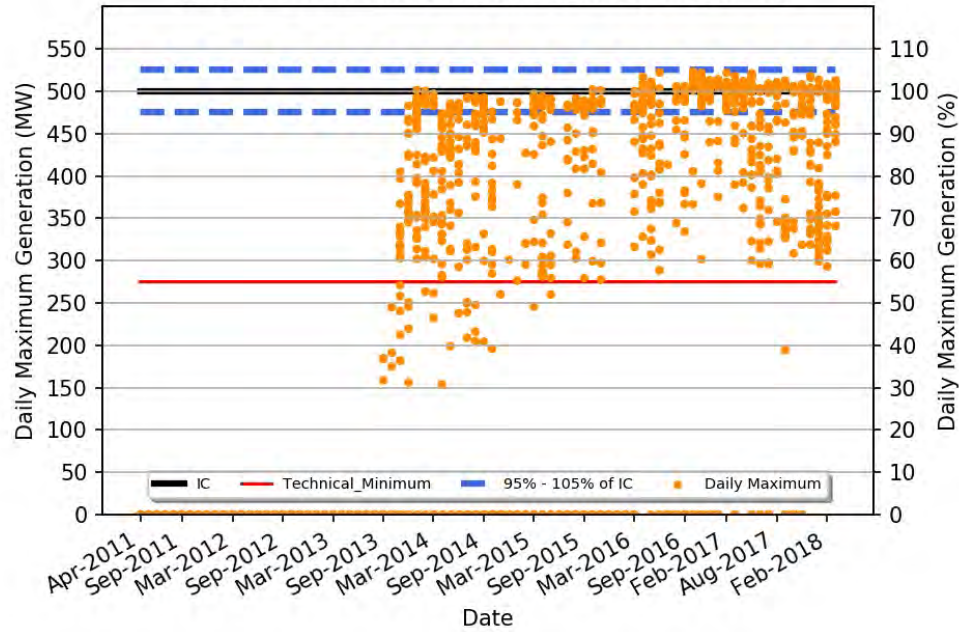
Daily Flexibility(%) : MAHAN TPP UNIT - 1 600 MW



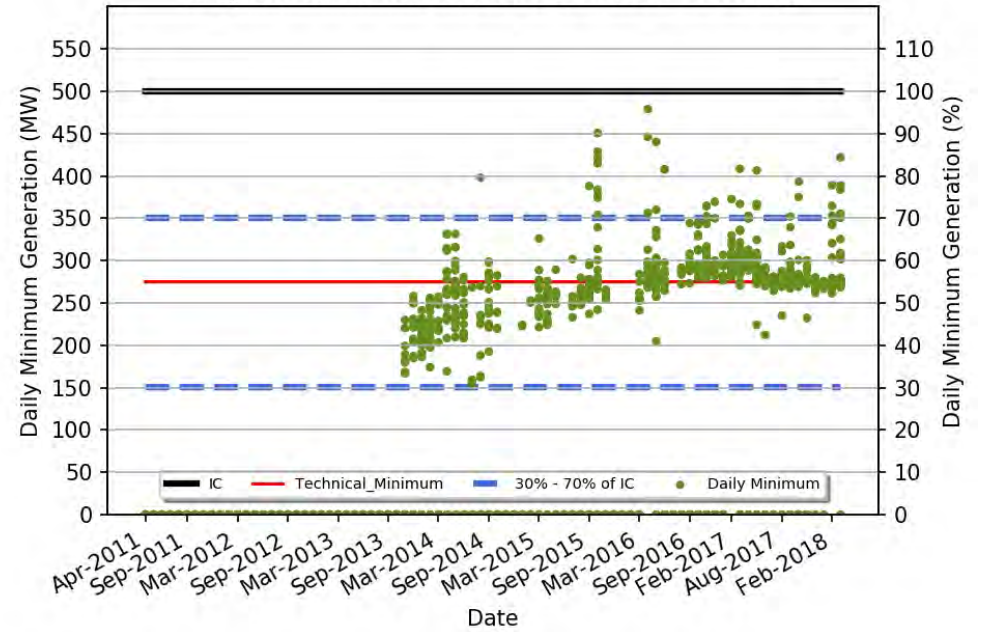
**MAHAN TPP UNIT - 1 600 MW**

<b>Region</b>	<b>: Western Region</b>
<b>Number of Days Considered</b>	<b>: 539</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 0 (%)</b>
<i>(% of total days in operation)</i>	
<b>No. Of Days Min Generation Achieved</b>	<b>: 87 (%)</b>
<i>(% of total days in operation)</i>	
<b>Average Flexibility</b>	<b>: 16 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 384</b>
<b>Daily Average (MW)</b>	<b>: 339</b>
<b>Average Daily Min (MW)</b>	<b>: 283</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 64</b>
<b>Daily Average/IC (%)</b>	<b>: 56</b>
<b>Average Daily Min/IC (%)</b>	<b>: 47</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 380</b>
<b>Number Of Beneficiaries</b>	<b>: 1</b>

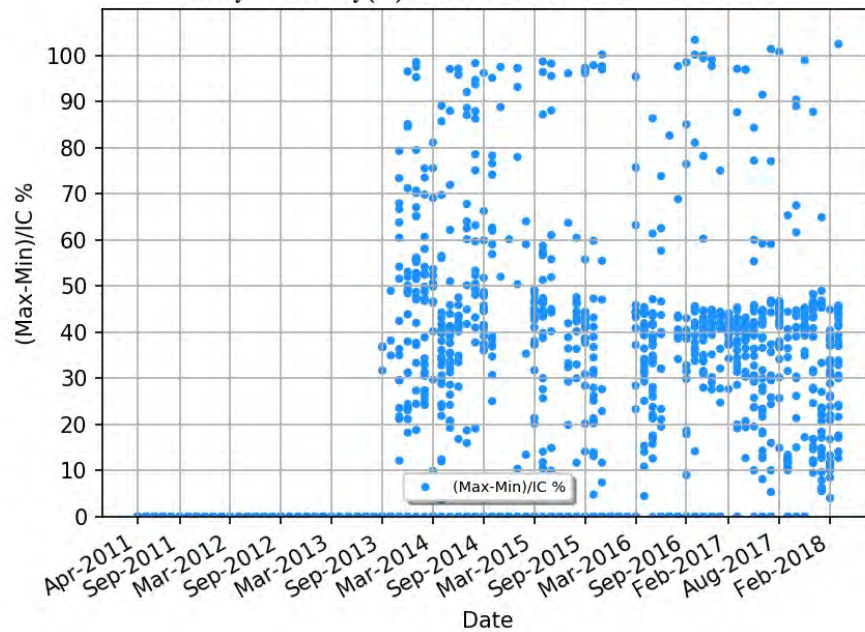
Daily Max Generation : MAUDA TPS UNIT - 1 500 MW



Daily Min Generation : MAUDA TPS UNIT - 1 500 MW



Daily Flexibility(%) : MAUDA TPS UNIT - 1 500 MW

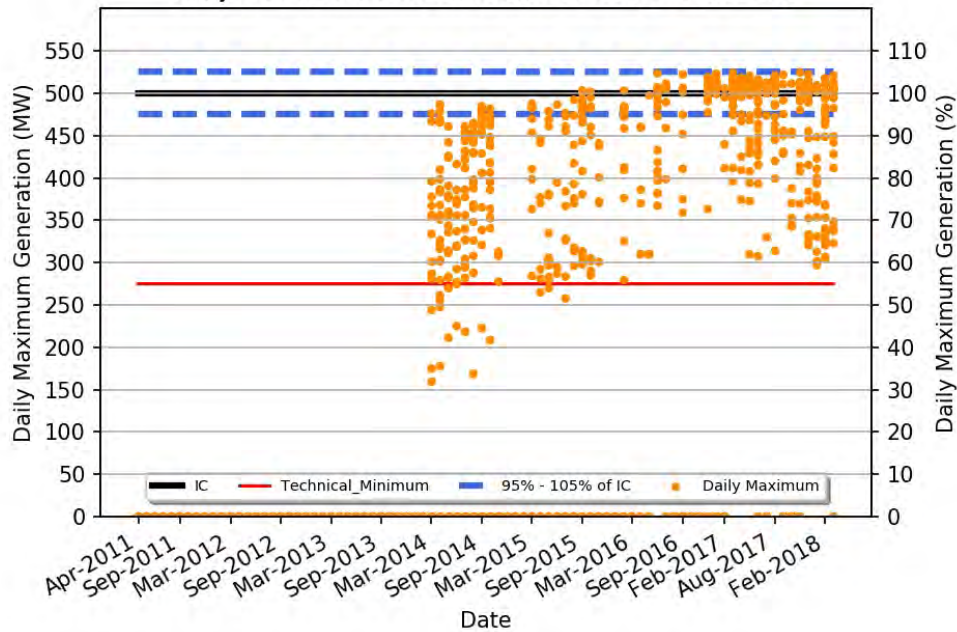


**MAUDA TPS UNIT - 1 500 MW**

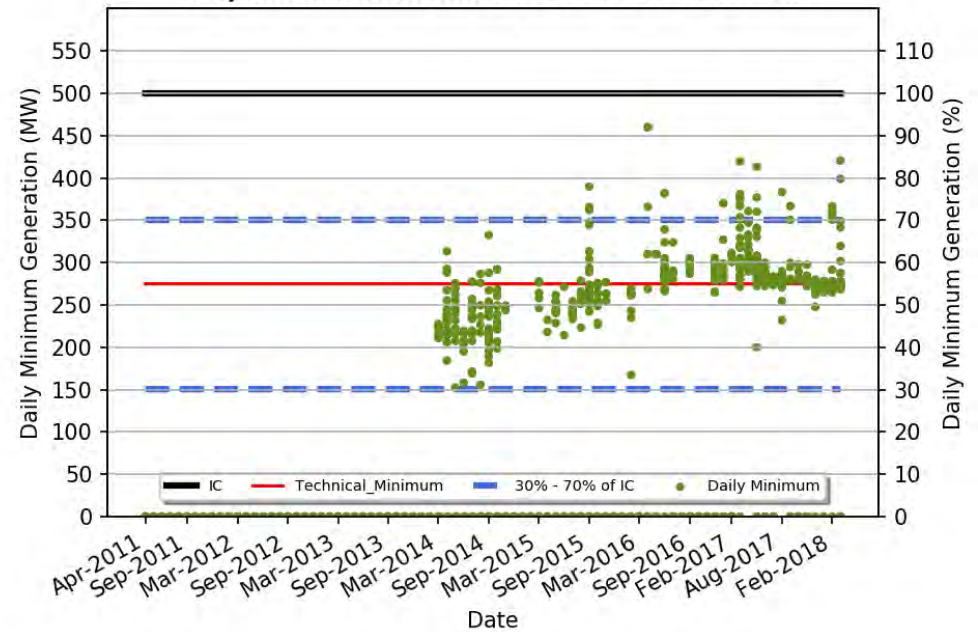
<b>Region</b>	<b>: Western region</b>
<b>Number of Days Considered</b>	<b>: 866</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 50 (%)</b>
(% of total days in operation)	
<b>No. Of Days Min Generation Achieved</b>	<b>: 82 (%)</b>
(% of total days in operation)	
<b>Average Flexibility</b>	<b>: 40 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 442</b>
<b>Daily Average (MW)</b>	<b>: 341</b>
<b>Average Daily Min (MW)</b>	<b>: 242</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 88</b>
<b>Daily Average/IC (%)</b>	<b>: 68</b>
<b>Average Daily Min/IC (%)</b>	<b>: 48</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 318</b>
<b>Number Of Beneficiaries</b>	<b>: 13</b>



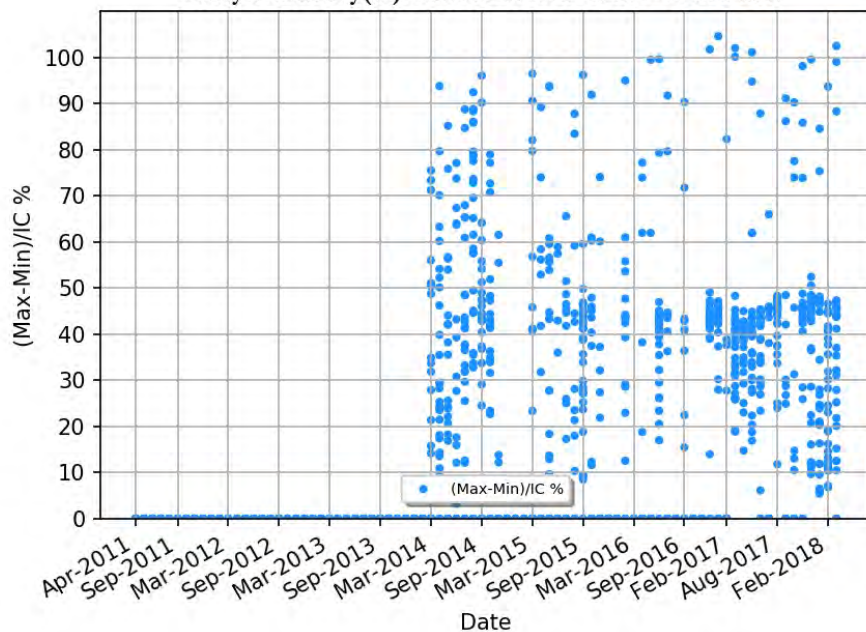
Daily Max Generation : MAUDA TPS UNIT - 2 500 MW



Daily Min Generation : MAUDA TPS UNIT - 2 500 MW



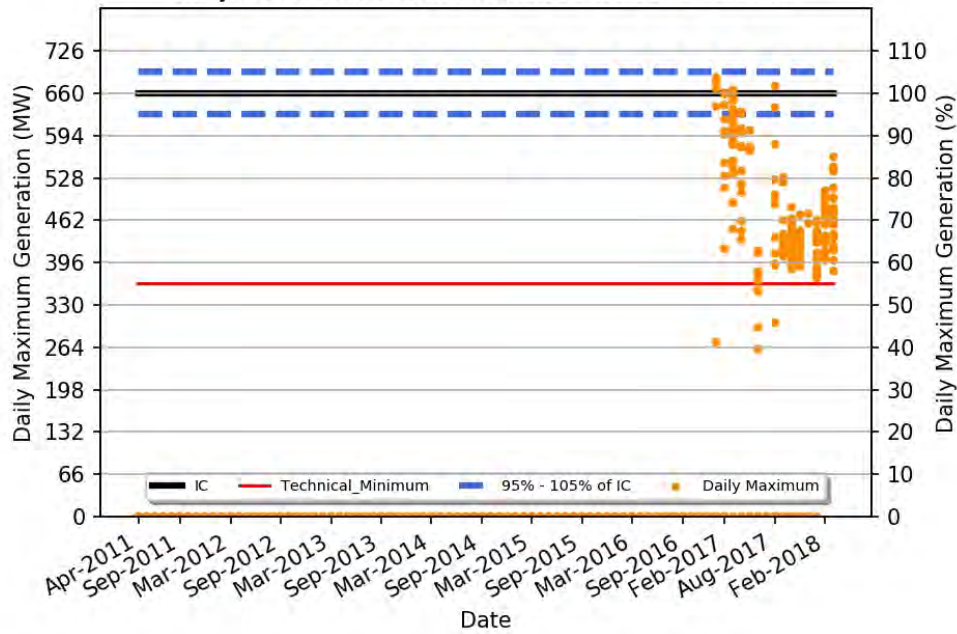
Daily Flexibility(%) : MAUDA TPS UNIT - 2 500 MW



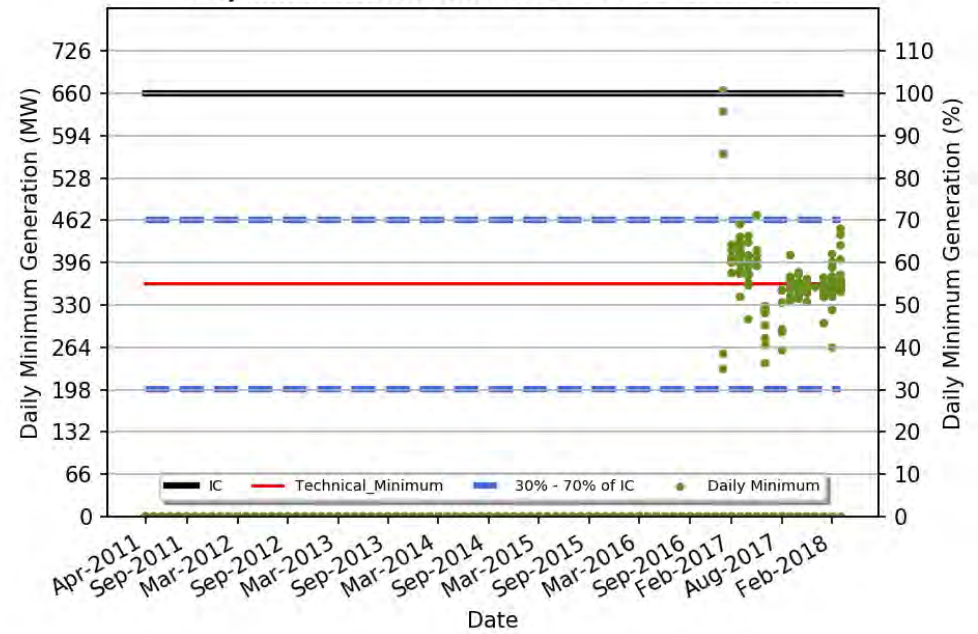
**MAUDA TPS UNIT - 2 500 MW**

<b>Region</b>	<b>: Western region</b>
<b>Number of Days Considered</b>	<b>: 684</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 46 (%)</b>
(% of total days in operation)	
<b>No. Of Days Min Generation Achieved</b>	<b>: 82 (%)</b>
(% of total days in operation)	
<b>Average Flexibility</b>	<b>: 39 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 438</b>
<b>Daily Average (MW)</b>	<b>: 340</b>
<b>Average Daily Min (MW)</b>	<b>: 241</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 87</b>
<b>Daily Average/IC (%)</b>	<b>: 68</b>
<b>Average Daily Min/IC (%)</b>	<b>: 48</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 318</b>
<b>Number Of Beneficiaries</b>	<b>: 13</b>

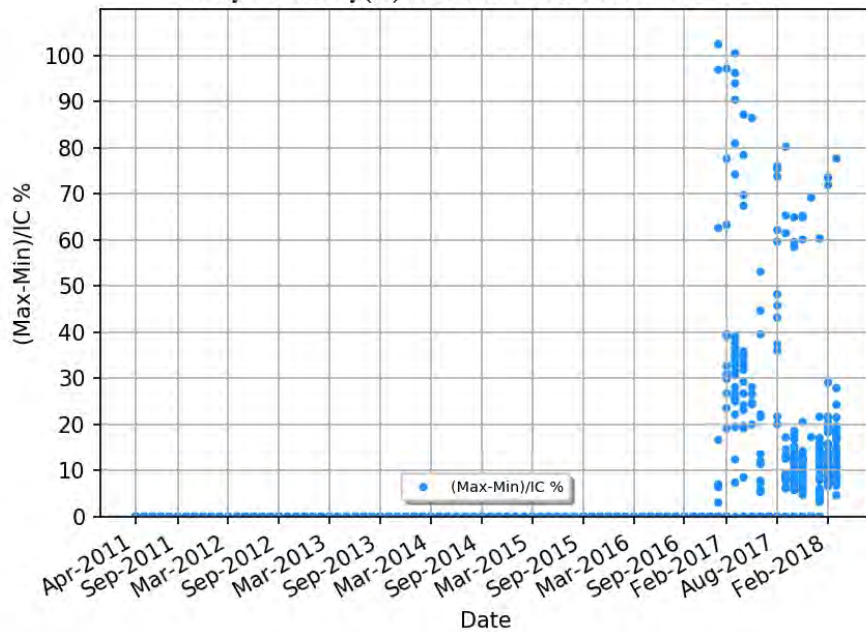
Daily Max Generation : MAUDA TPS UNIT - 3 660 MW



Daily Min Generation : MAUDA TPS UNIT - 3 660 MW



Daily Flexibility(%) : MAUDA TPS UNIT - 3 660 MW

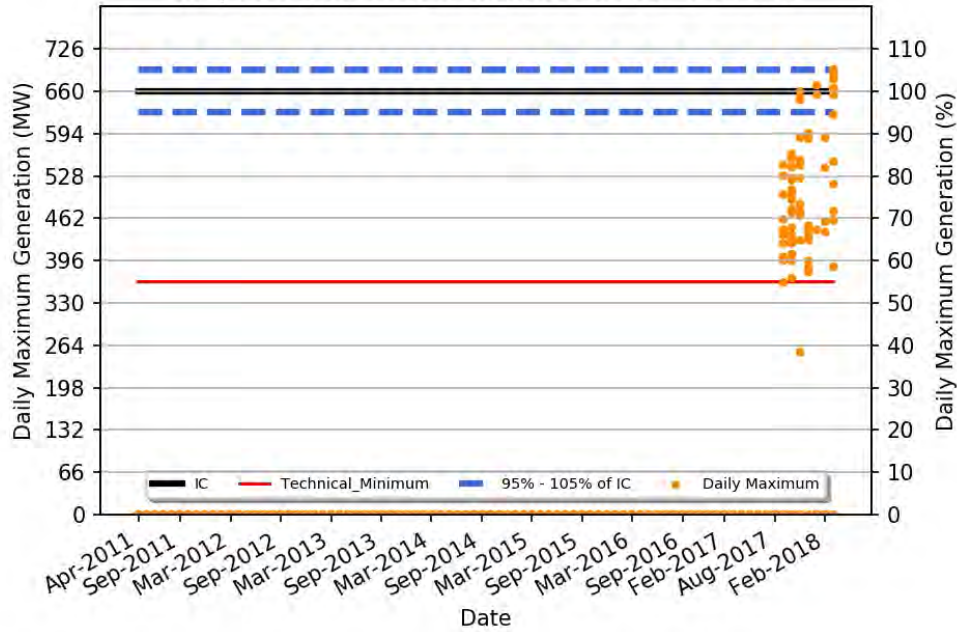


**MAUDA TPS UNIT - 3 660 MW**

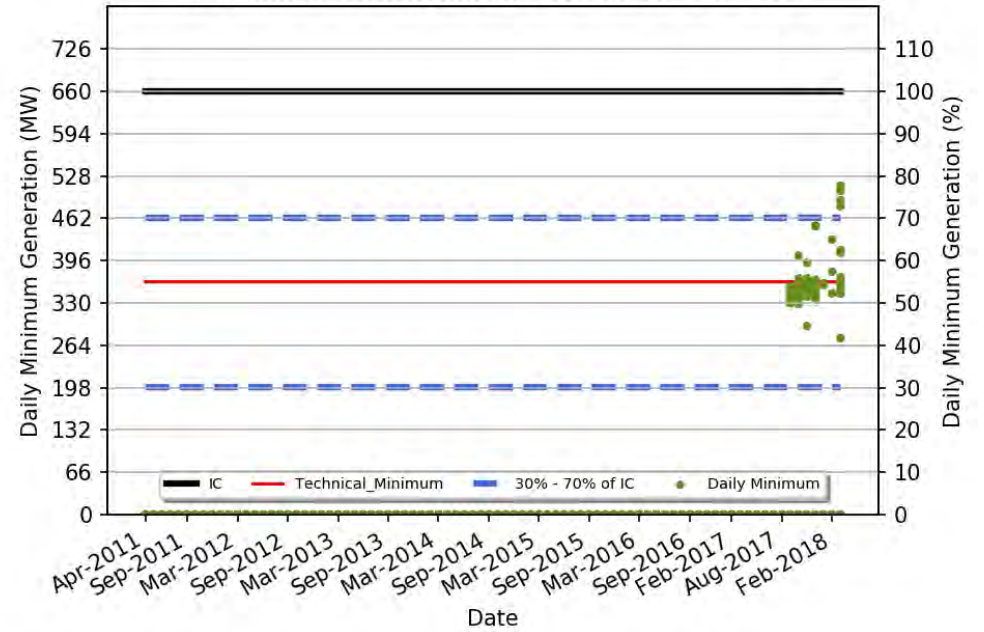
<b>Region</b>	: Western region
<b>Number of Days Considered</b>	: 232
<b>No. Of Days Max Generation Achieved</b>	: 11 (%)
(% of total days in operation)	
<b>No. Of Days Min Generation Achieved</b>	: 89 (%)
(% of total days in operation)	
<b>Average Flexibility</b>	: 21 (%)
<b>Average Daily Max (MW)</b>	: 479
<b>Daily Average (MW)</b>	: 411
<b>Average Daily Min (MW)</b>	: 335
<b>Average Daily Max/ IC (%)</b>	: 72
<b>Daily Average/IC (%)</b>	: 62
<b>Average Daily Min/IC (%)</b>	: 50
<b>Variable Charge (Paisa/kWh)</b>	: 312
<b>Number Of Beneficiaries</b>	: 13



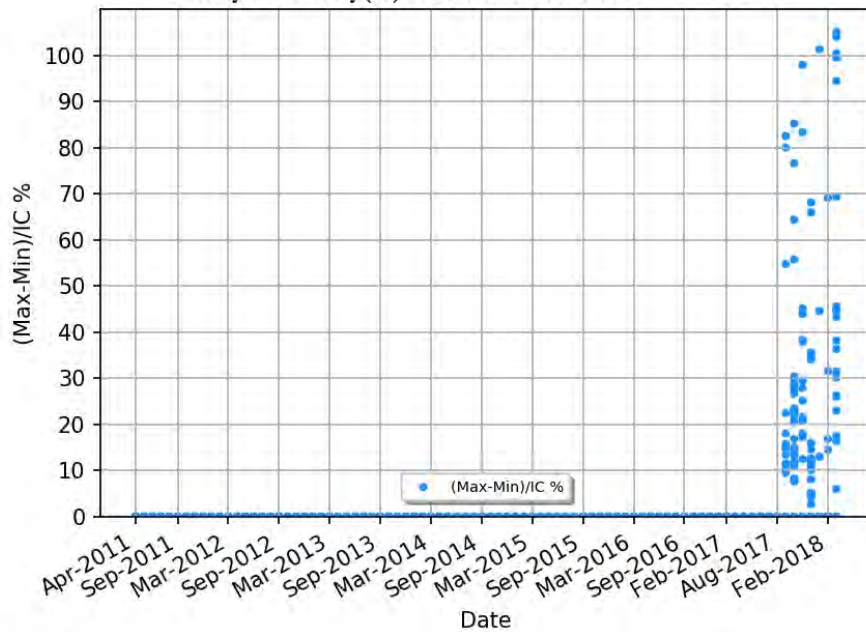
Daily Max Generation : MAUDA TPS UNIT - 4 660 MW



Daily Min Generation : MAUDA TPS UNIT - 4 660 MW



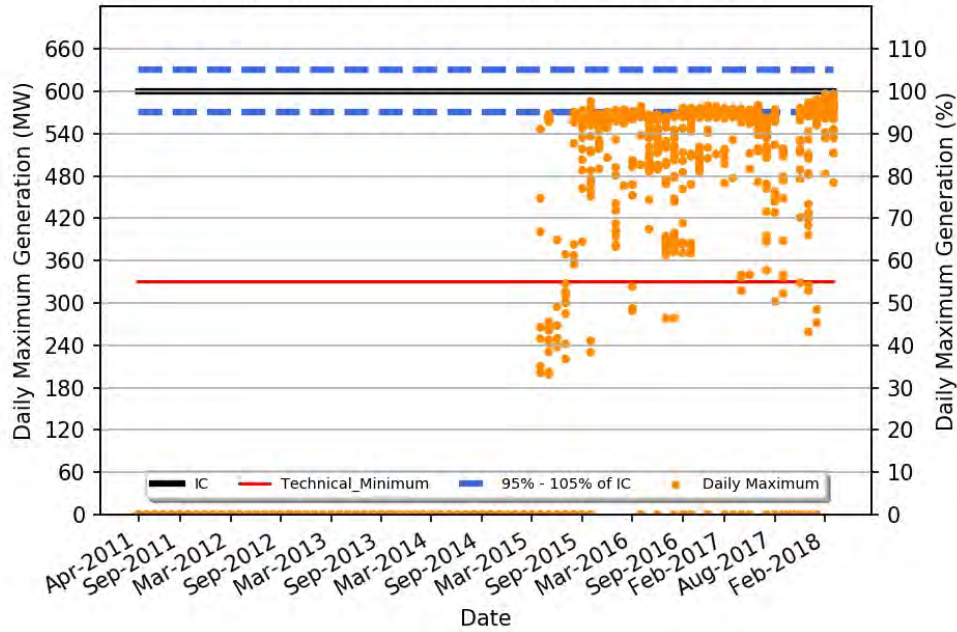
Daily Flexibility(%) : MAUDA TPS UNIT - 4 660 MW



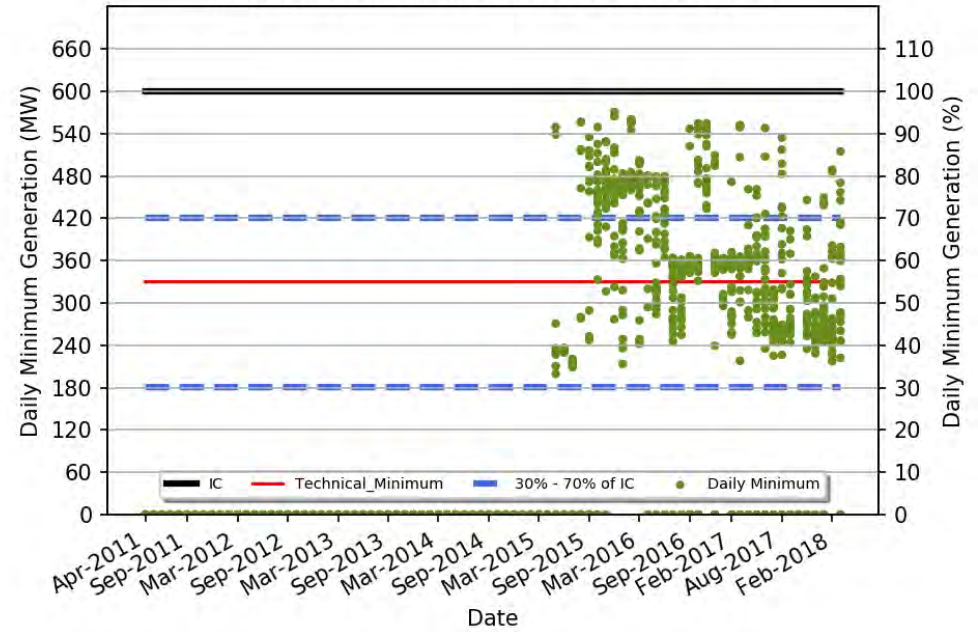
**MAUDA TPS UNIT - 4 660 MW**

<b>Region</b>	: Western region
<b>Number of Days Considered</b>	: 102
<b>No. Of Days Max Generation Achieved</b>	: 15 (%)
(% of total days in operation)	
<b>No. Of Days Min Generation Achieved</b>	: 84 (%)
(% of total days in operation)	
<b>Average Flexibility</b>	: 27 (%)
<b>Average Daily Max (MW)</b>	: 502
<b>Daily Average (MW)</b>	: 416
<b>Average Daily Min (MW)</b>	: 323
<b>Average Daily Max/ IC (%)</b>	: 76
<b>Daily Average/IC (%)</b>	: 63
<b>Average Daily Min/IC (%)</b>	: 49
<b>Variable Charge (Paisa/kWh)</b>	: 312
<b>Number Of Beneficiaries</b>	: 13

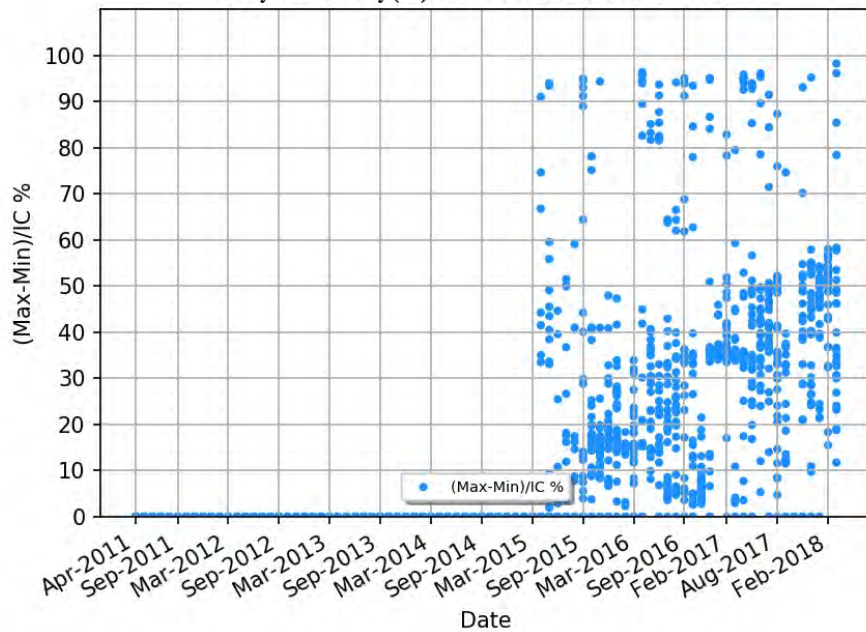
Daily Max Generation : MB POWER TPP UNIT - 1



Daily Min Generation : MB POWER TPP UNIT - 1



Daily Flexibility(%): MB POWER TPP UNIT - 1

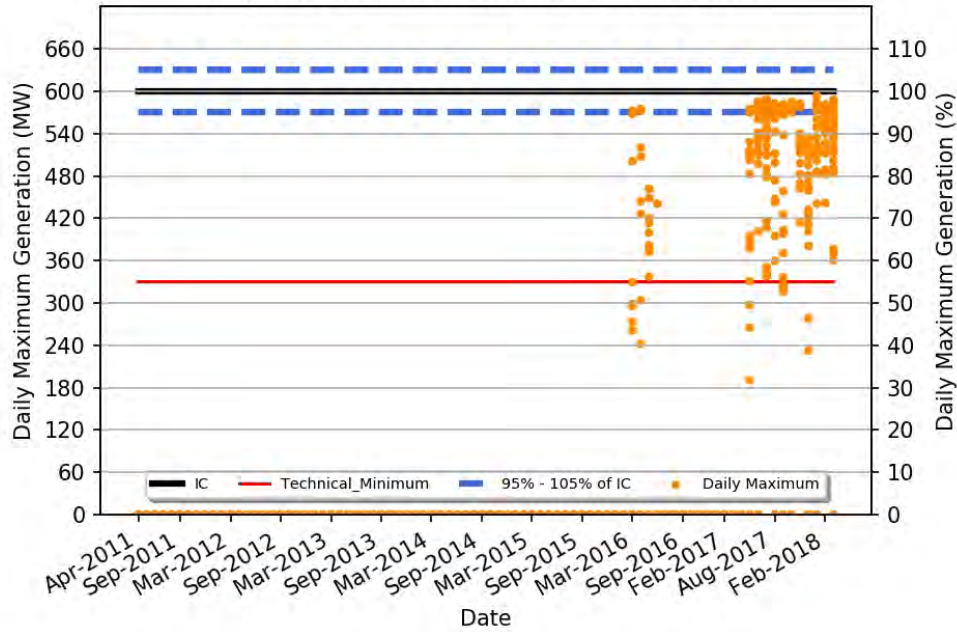


**MB POWER TPP UNIT - 1 600 MW**

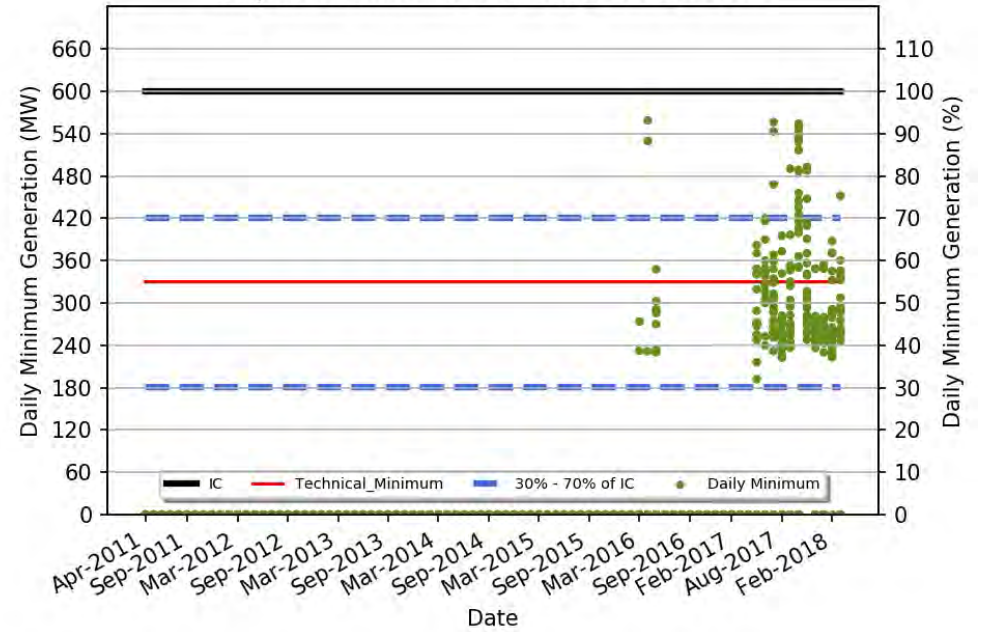
Region	: Western region
Number of Days Considered	: 815
No. Of Days Max Generation Achieved	: 26 (%)
(% of total days in operation)	
No. Of Days Min Generation Achieved	: 60 (%)
(% of total days in operation)	
Average Flexibility	: 30 (%)
Average Daily Max (MW)	: 531
Daily Average (MW)	: 455
Average Daily Min (MW)	: 346
Average Daily Max/ IC (%)	: 88
Daily Average/IC (%)	: 75
Average Daily Min/IC (%)	: 57
Variable Charge (Paisa/kWh)	: 199
Number Of Beneficiaries	: 3



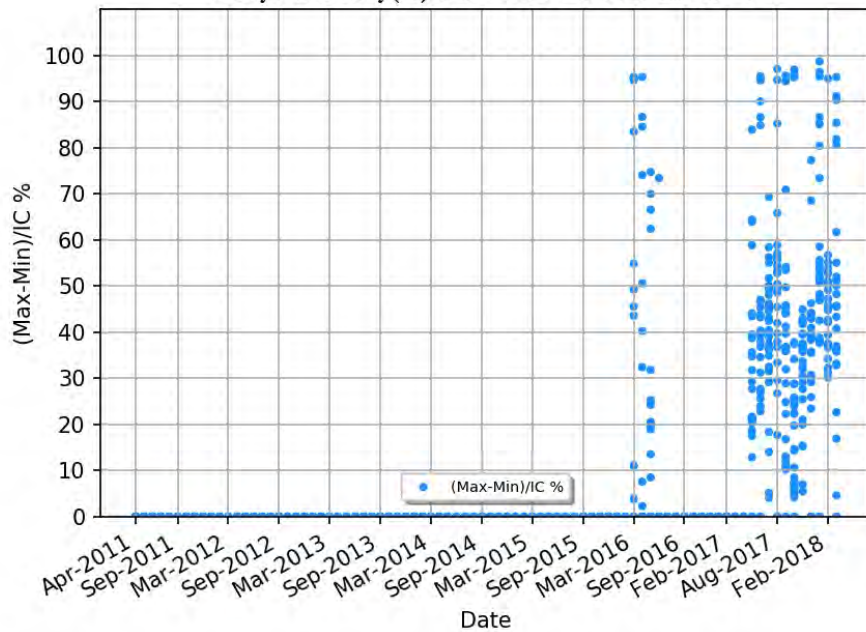
Daily Max Generation : MB POWER TPP UNIT - 2



Daily Min Generation : MB POWER TPP UNIT - 2



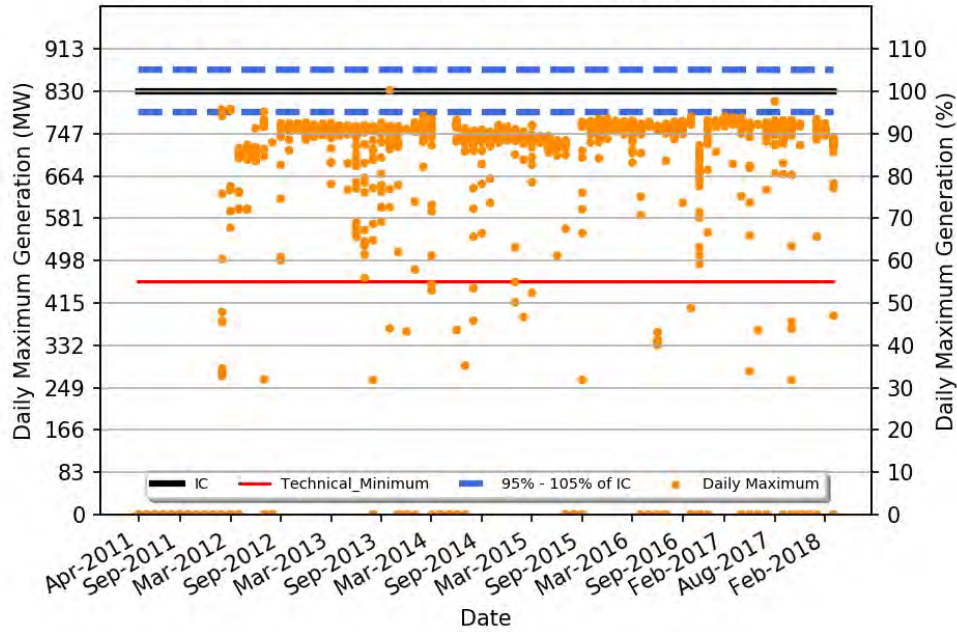
Daily Flexibility(%) : MB POWER TPP UNIT - 2



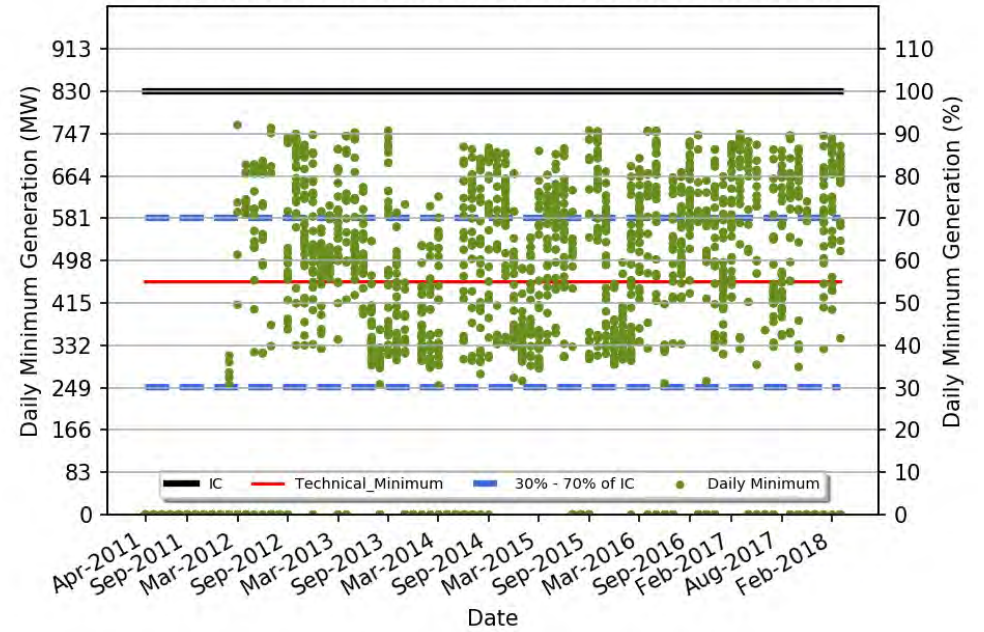
**MB POWER TPP UNIT - 2 600 MW**

<b>Region</b>	<b>: Western region</b>
<b>Number of Days Considered</b>	<b>: 297</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 33 (%)</b>
<small>(% of total days in operation)</small>	
<b>No. Of Days Min Generation Achieved</b>	<b>: 77 (%)</b>
<small>(% of total days in operation)</small>	
<b>Average Flexibility</b>	<b>: 41 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 521</b>
<b>Daily Average (MW)</b>	<b>: 412</b>
<b>Average Daily Min (MW)</b>	<b>: 270</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 86</b>
<b>Daily Average/IC (%)</b>	<b>: 68</b>
<b>Average Daily Min/IC (%)</b>	<b>: 45</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 199</b>
<b>Number Of Beneficiaries</b>	<b>: 3</b>

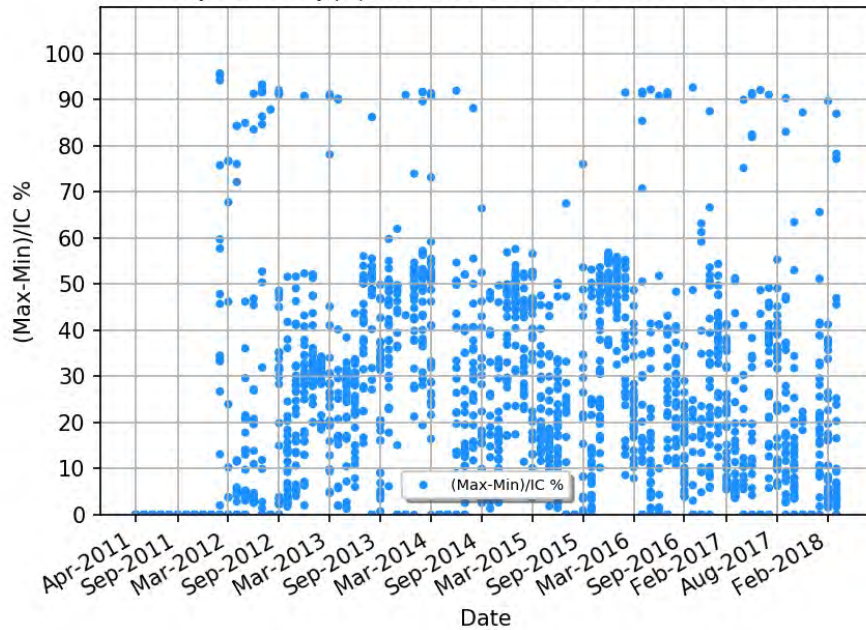
Daily Max Generation : MUNDRA UMTTP UNIT - 1 830 MW



Daily Min Generation : MUNDRA UMTTP UNIT - 1 830 MW



Daily Flexibility(%) : MUNDRA UMTTP UNIT - 1 830 MW

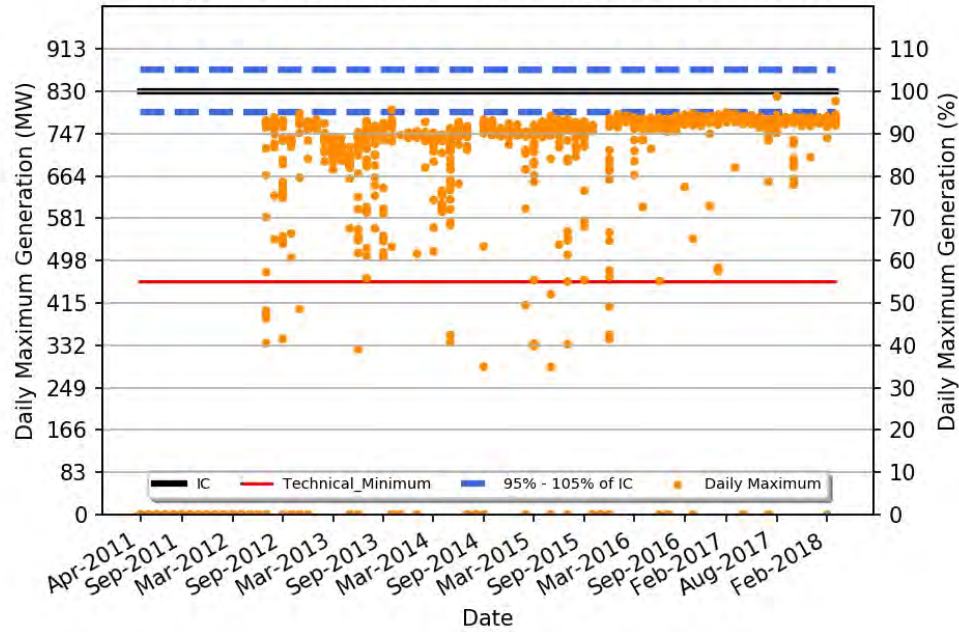


### MUNDRA UMTTP UNIT - 1 830 MW

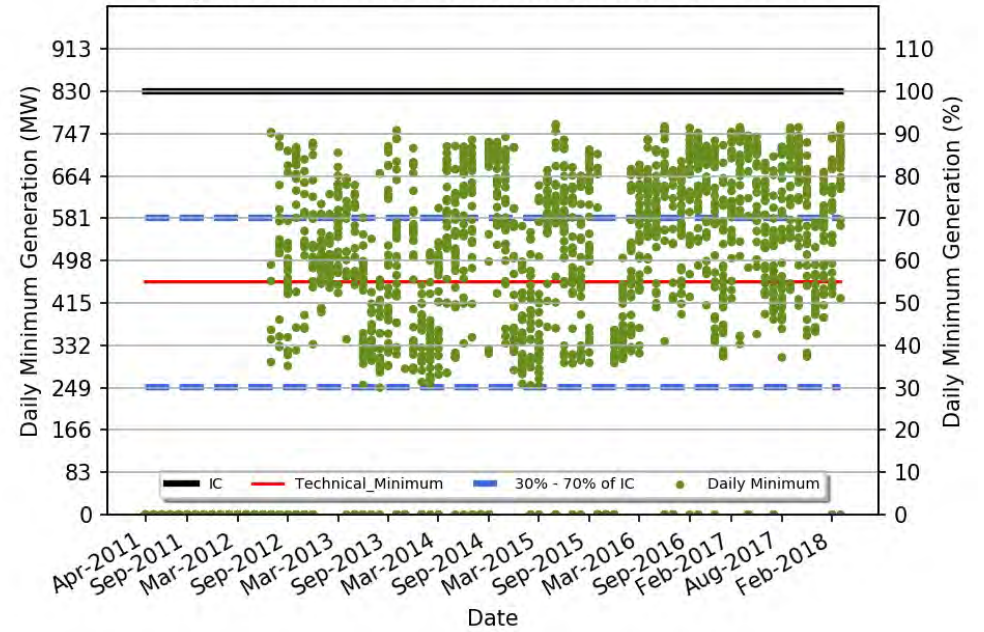
Region	: Western region
Number of Days Considered	: 1710
No. Of Days Max Generation Achieved	: 0 (%)
(% of total days in operation)	
No. Of Days Min Generation Achieved	: 57 (%)
(% of total days in operation)	
Average Flexibility	: 28 (%)
Average Daily Max (MW)	: 738
Daily Average (MW)	: 652
Average Daily Min (MW)	: 505
Average Daily Max/ IC (%)	: 88
Daily Average/IC (%)	: 78
Average Daily Min/IC (%)	: 60
Variable Charge (Paisa/kWh)	: 197
Number Of Beneficiaries	: 5



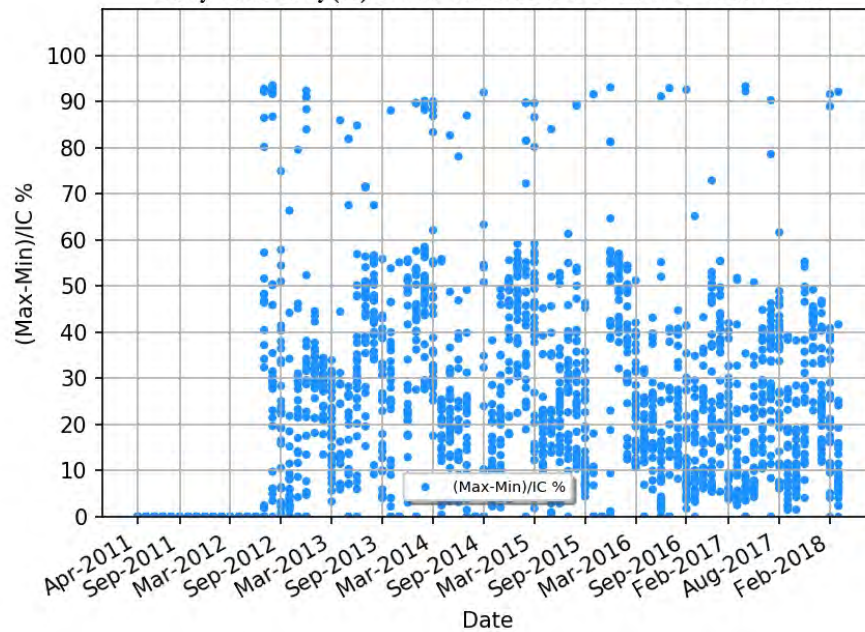
Daily Max Generation : MUNDRA UMTTP UNIT - 2 830 MW



Daily Min Generation : MUNDRA UMTTP UNIT - 2 830 MW



Daily Flexibility(%) : MUNDRA UMTTP UNIT - 2 830 MW

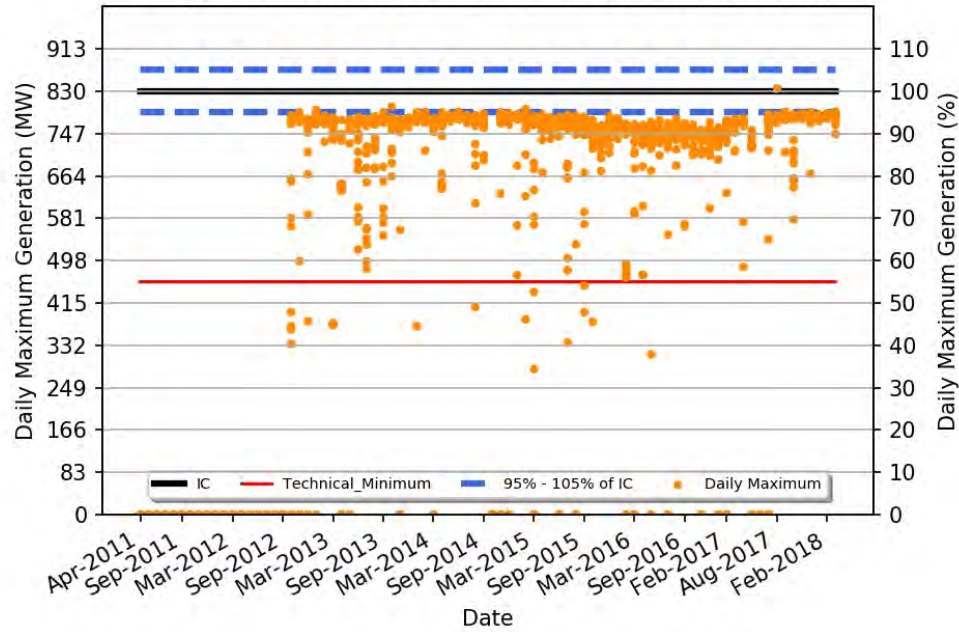


### MUNDRA UMTTP UNIT - 2 830 MW

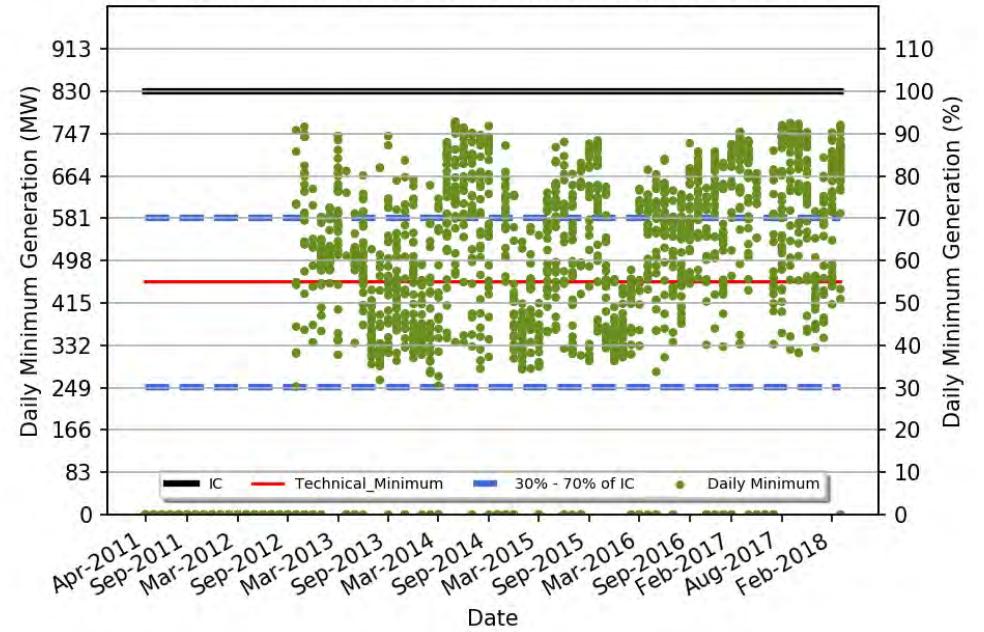
<b>Region</b>	<b>: Western region</b>
<b>Number of Days Considered</b>	<b>: 1799</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 0 (%)</b>
(% of total days in operation)	
<b>No. Of Days Min Generation Achieved</b>	<b>: 55 (%)</b>
(% of total days in operation)	
<b>Average Flexibility</b>	<b>: 26 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 745</b>
<b>Daily Average (MW)</b>	<b>: 667</b>
<b>Average Daily Min (MW)</b>	<b>: 521</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 89</b>
<b>Daily Average/IC (%)</b>	<b>: 80</b>
<b>Average Daily Min/IC (%)</b>	<b>: 62</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 197</b>
<b>Number Of Beneficiaries</b>	<b>: 5</b>



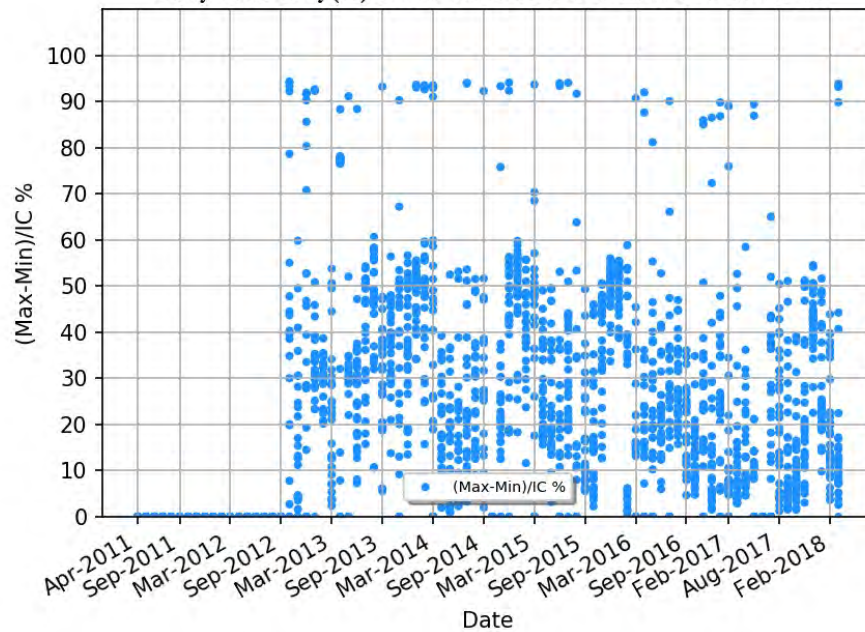
Daily Max Generation : MUNDRA UMTTP UNIT - 3 830 MW



Daily Min Generation : MUNDRA UMTTP UNIT - 3 830 MW



Daily Flexibility(%) : MUNDRA UMTTP UNIT - 3 830 MW

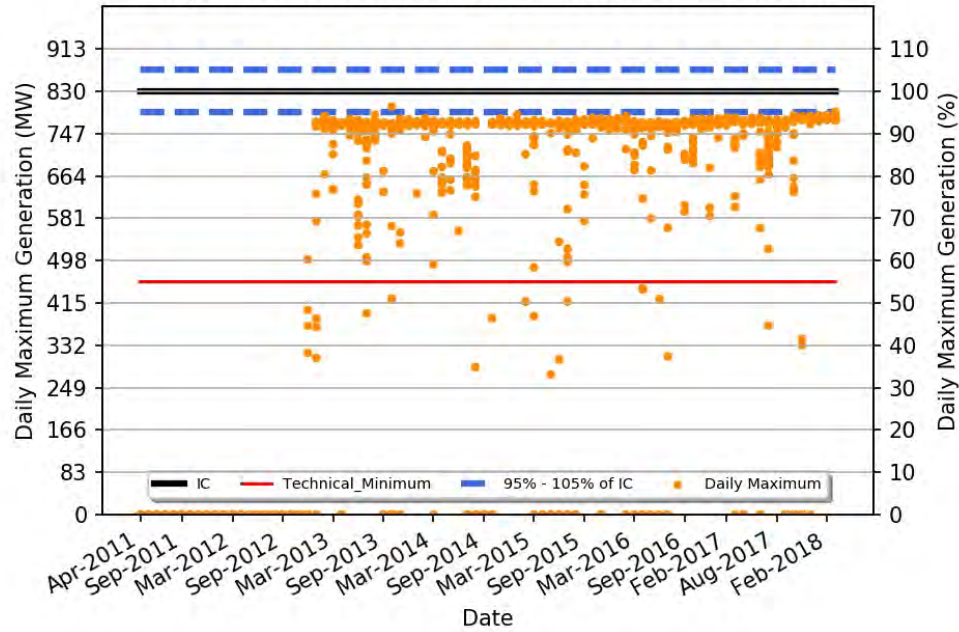


**MUNDRA UMTTP UNIT - 3 830 MW**

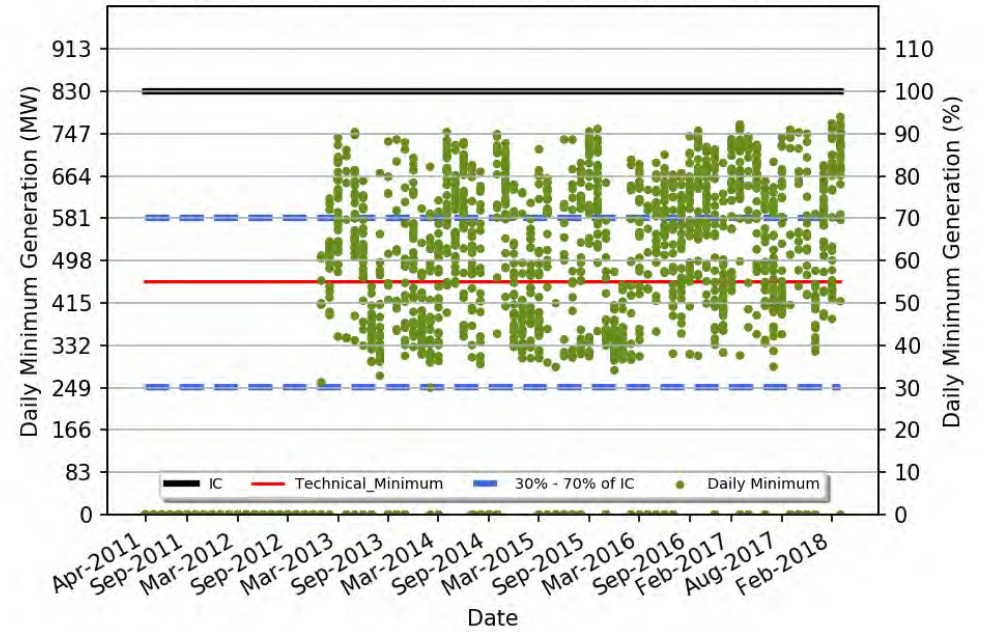
<b>Region</b>	<b>: Western region</b>
<b>Number of Days Considered</b>	<b>: 1692</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 1 (%)</b>
(% of total days in operation)	
<b>No. Of Days Min Generation Achieved</b>	<b>: 58 (%)</b>
(% of total days in operation)	
<b>Average Flexibility</b>	<b>: 29 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 753</b>
<b>Daily Average (MW)</b>	<b>: 662</b>
<b>Average Daily Min (MW)</b>	<b>: 511</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 90</b>
<b>Daily Average/IC (%)</b>	<b>: 79</b>
<b>Average Daily Min/IC (%)</b>	<b>: 61</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 197</b>
<b>Number Of Beneficiaries</b>	<b>: 5</b>



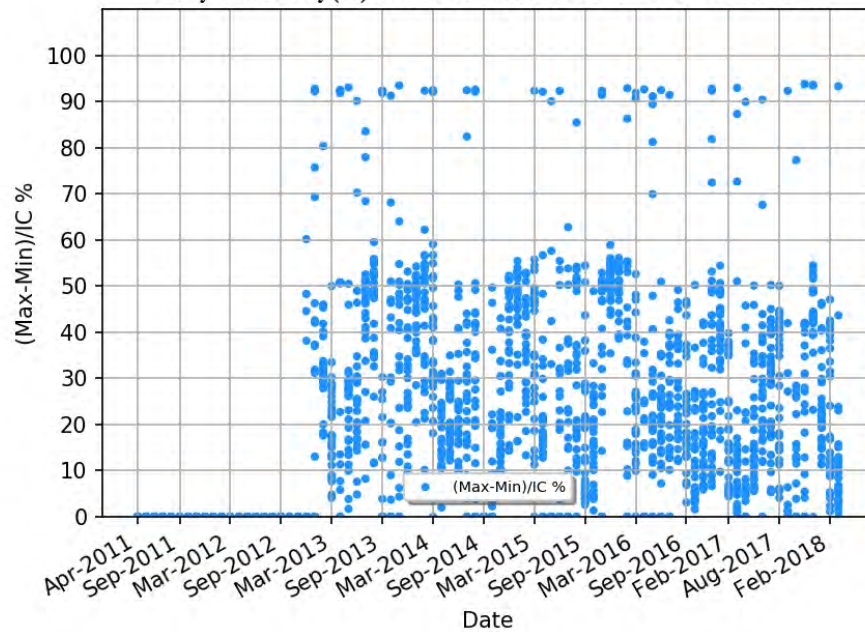
Daily Max Generation : MUNDRA UMTTP UNIT - 4 830 MW



Daily Min Generation : MUNDRA UMTTP UNIT - 4 830 MW



Daily Flexibility(%): MUNDRA UMTTP UNIT - 4 830 MW

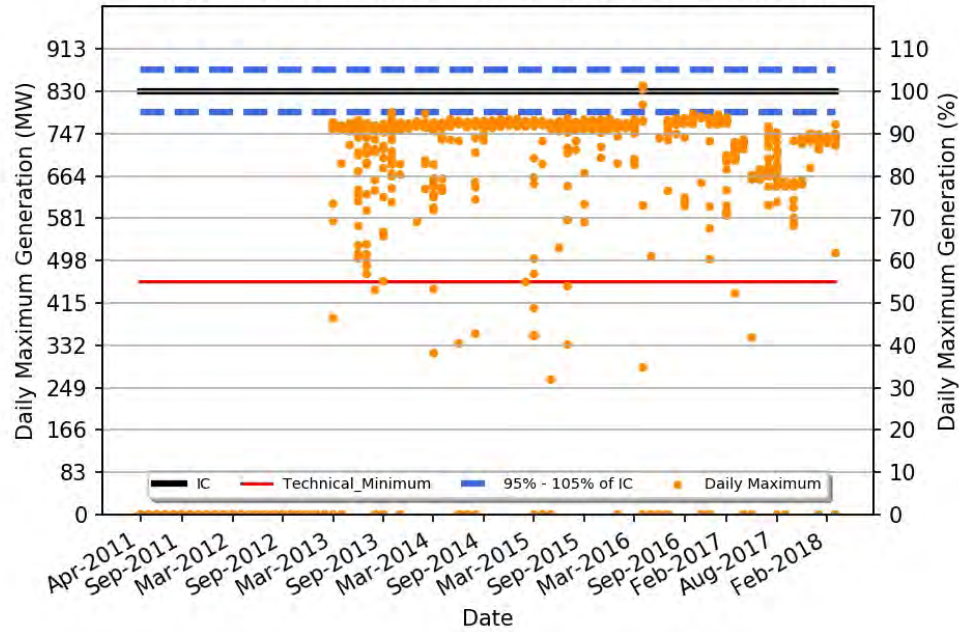


**MUNDRA UMTTP UNIT - 4 830 MW**

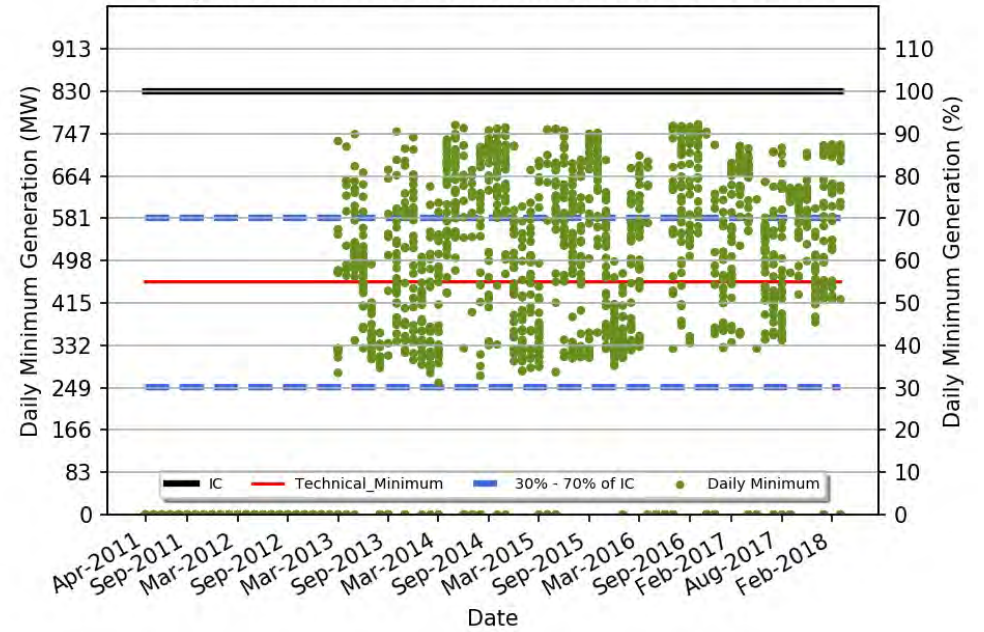
<b>Region</b>	<b>: Western region</b>
<b>Number of Days Considered</b>	<b>: 1571</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 0 (%)</b>
<i>(% of total days in operation)</i>	
<b>No. Of Days Min Generation Achieved</b>	<b>: 59 (%)</b>
<i>(% of total days in operation)</i>	
<b>Average Flexibility</b>	<b>: 30 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 754</b>
<b>Daily Average (MW)</b>	<b>: 664</b>
<b>Average Daily Min (MW)</b>	<b>: 503</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 90</b>
<b>Daily Average/IC (%)</b>	<b>: 80</b>
<b>Average Daily Min/IC (%)</b>	<b>: 60</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 197</b>
<b>Number Of Beneficiaries</b>	<b>: 5</b>



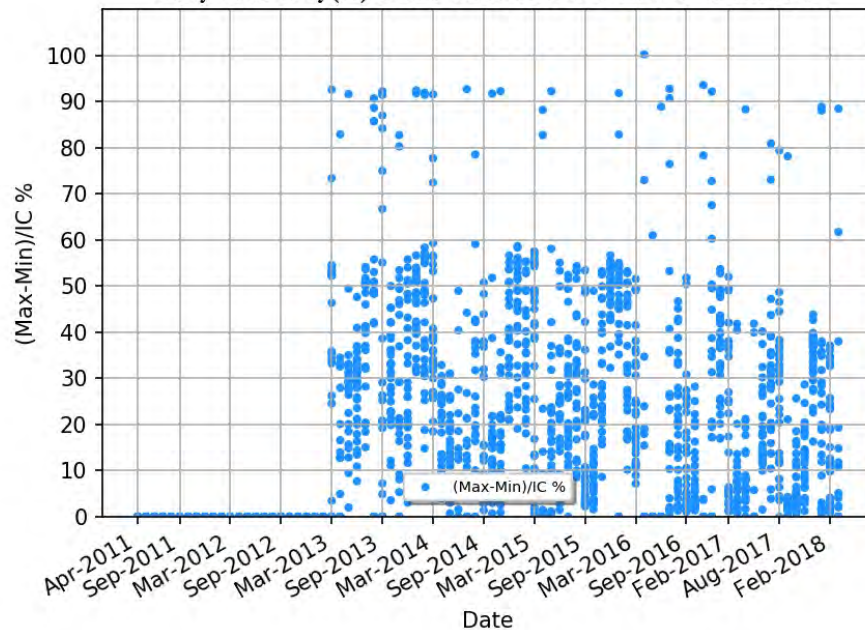
Daily Max Generation : MUNDRA UMTTP UNIT - 5 830 MW



Daily Min Generation : MUNDRA UMTTP UNIT - 5 830 MW



Daily Flexibility(%) : MUNDRA UMTTP UNIT - 5 830 MW

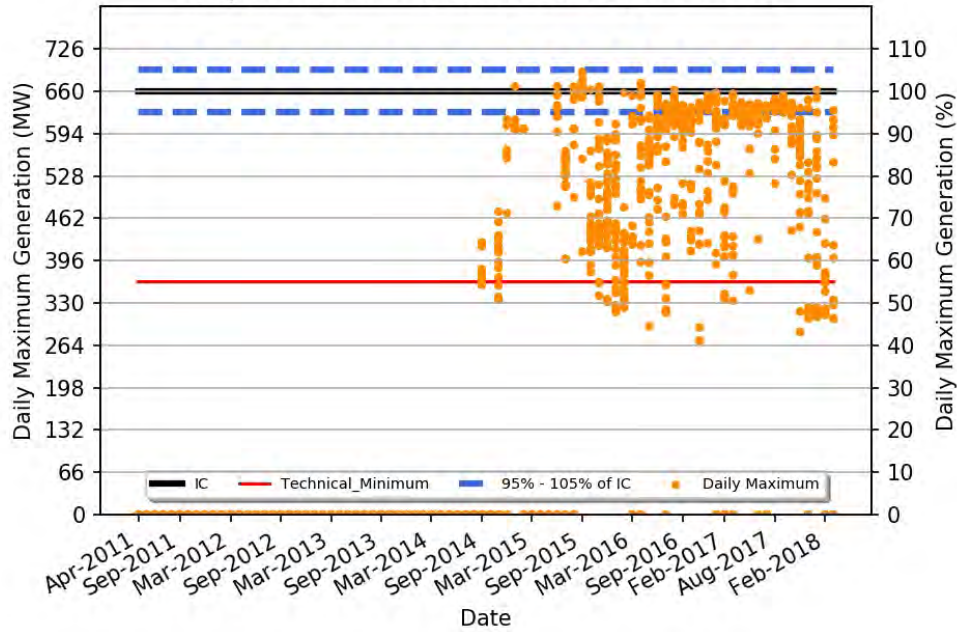


**MUNDRA UMTTP UNIT - 5 830 MW**

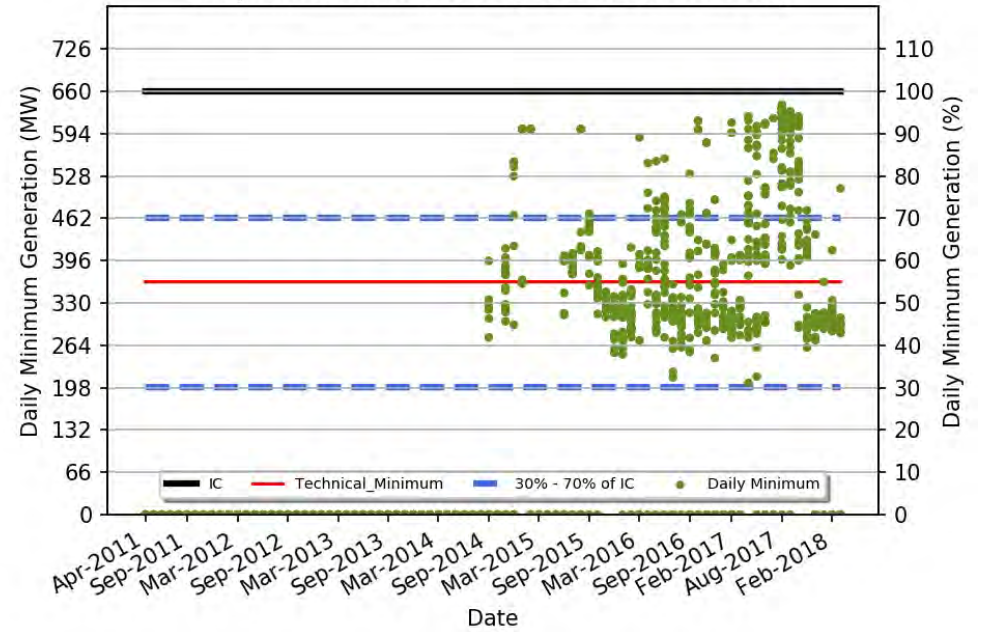
<b>Region</b>	<b>: Western region</b>
<b>Number of Days Considered</b>	<b>: 1490</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 0 (%)</b>
<i>(% of total days in operation)</i>	
<b>No. Of Days Min Generation Achieved</b>	<b>: 56 (%)</b>
<i>(% of total days in operation)</i>	
<b>Average Flexibility</b>	<b>: 26 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 739</b>
<b>Daily Average (MW)</b>	<b>: 662</b>
<b>Average Daily Min (MW)</b>	<b>: 521</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 89</b>
<b>Daily Average/IC (%)</b>	<b>: 79</b>
<b>Average Daily Min/IC (%)</b>	<b>: 62</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 197</b>
<b>Number Of Beneficiaries</b>	<b>: 5</b>



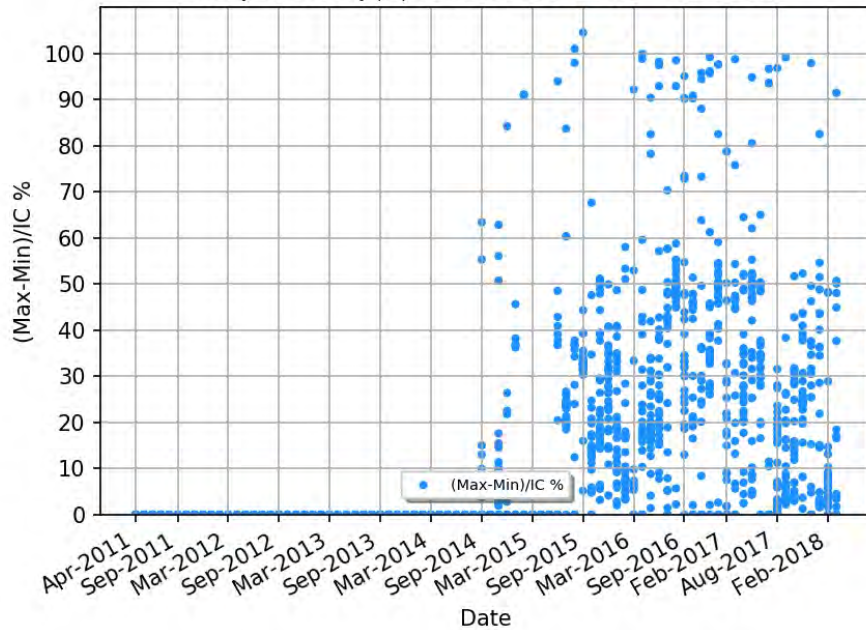
Daily Max Generation : NIGRI TPP UNIT - 1 660 MW



Daily Min Generation : NIGRI TPP UNIT - 1 660 MW



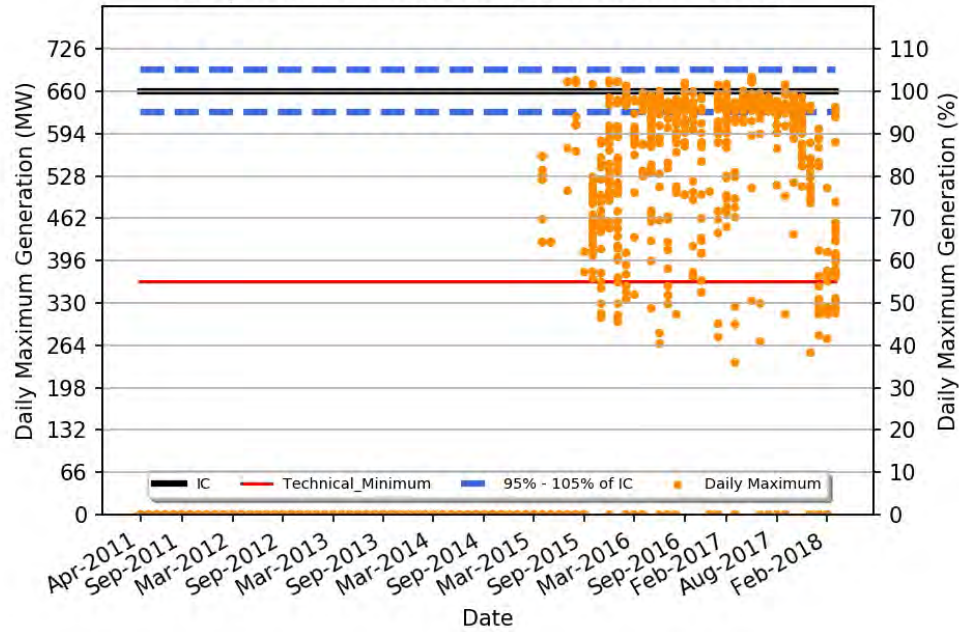
Daily Flexibility(%) : NIGRI TPP UNIT - 1 660 MW



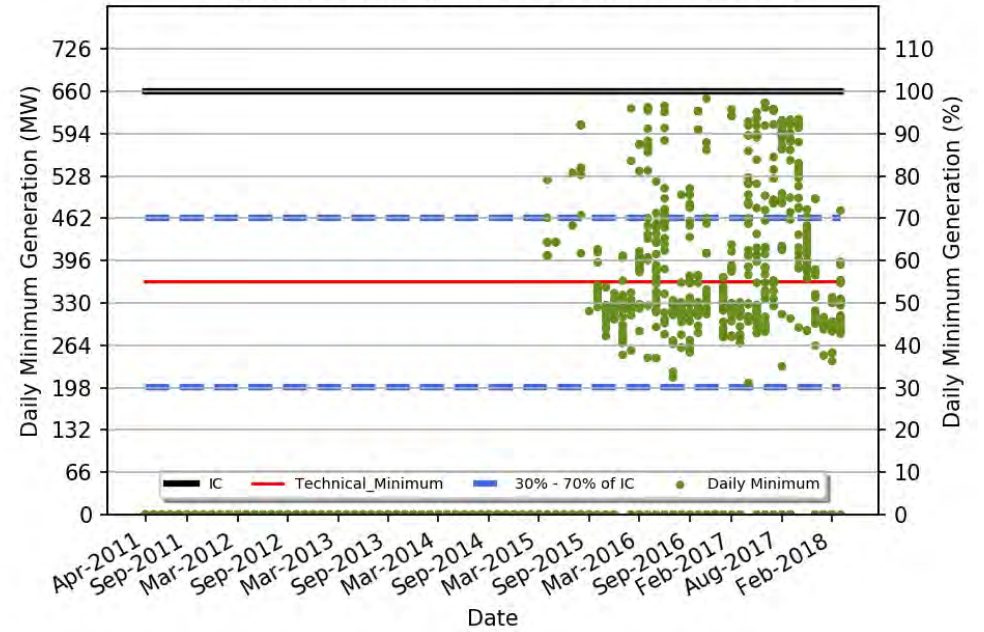
**NIGRI TPP UNIT - 1 660 MW**

<b>Region</b>	<b>: Western region</b>
<b>Number of Days Considered</b>	<b>: 952</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 30 (%)</b>
(% of total days in operation)	
<b>No. Of Days Min Generation Achieved</b>	<b>: 72 (%)</b>
(% of total days in operation)	
<b>Average Flexibility</b>	<b>: 26 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 544</b>
<b>Daily Average (MW)</b>	<b>: 465</b>
<b>Average Daily Min (MW)</b>	<b>: 372</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 82</b>
<b>Daily Average/IC (%)</b>	<b>: 70</b>
<b>Average Daily Min/IC (%)</b>	<b>: 56</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 465</b>
<b>Number Of Beneficiaries</b>	<b>: 1</b>

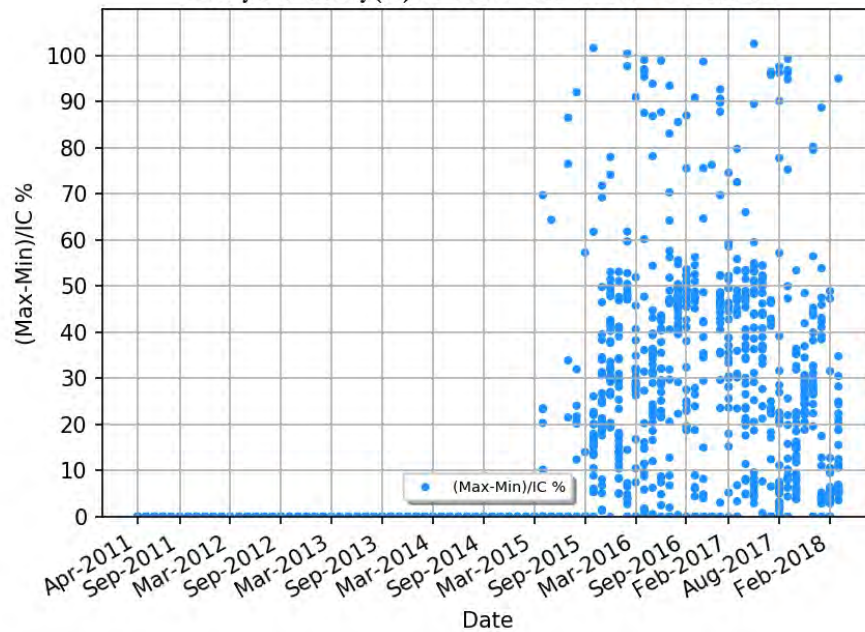
Daily Max Generation : NIGRI TPP UNIT - 2 660 MW



Daily Min Generation : NIGRI TPP UNIT - 2 660 MW



Daily Flexibility(%) : NIGRI TPP UNIT - 2 660 MW

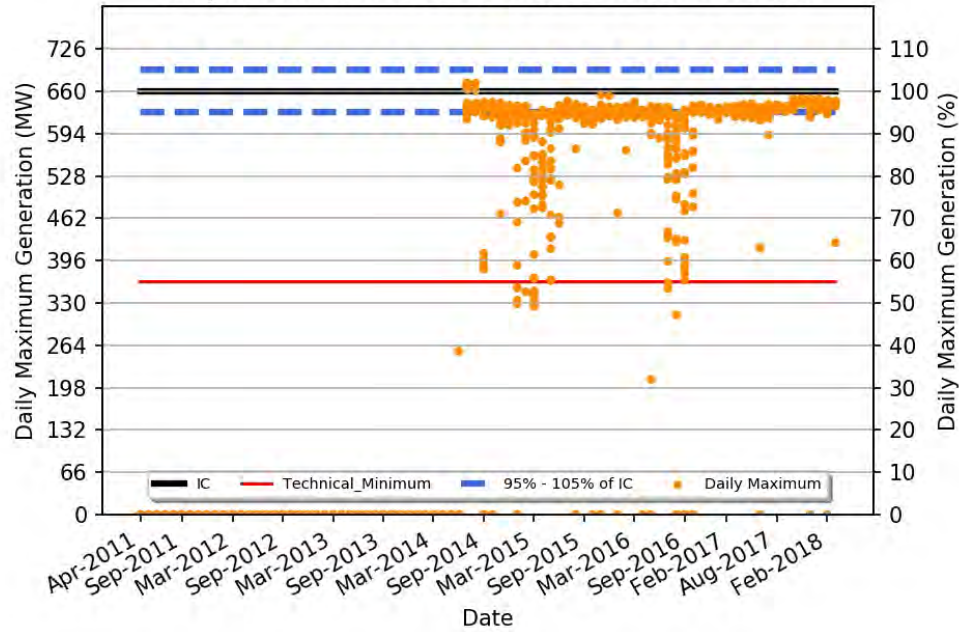


**NIGRI TPP UNIT - 2 660 MW**

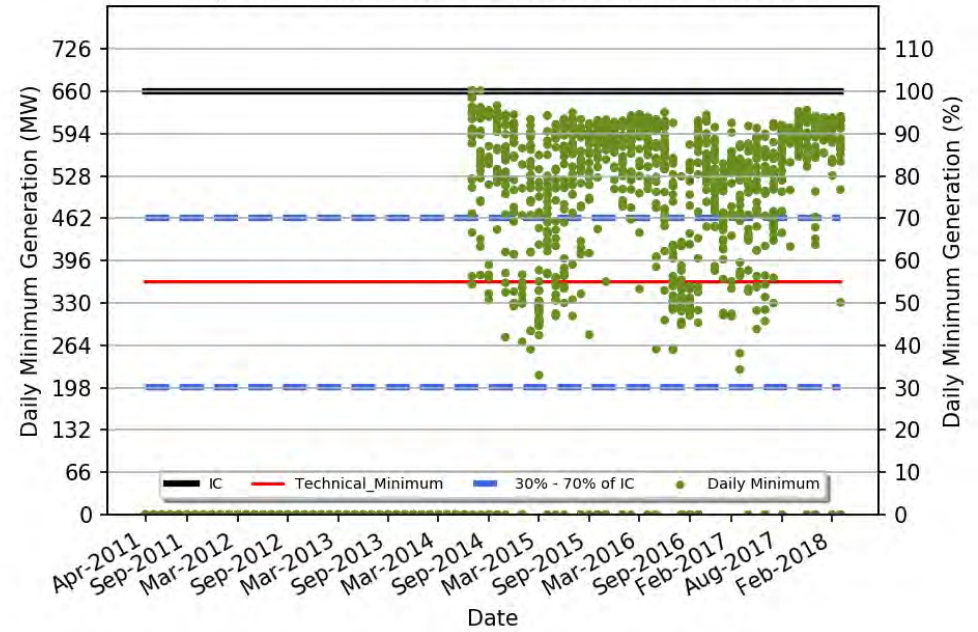
<b>Region</b>	<b>: Western region</b>
<b>Number of Days Considered</b>	<b>: 800</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 40 (%)</b>
(% of total days in operation)	
<b>No. Of Days Min Generation Achieved</b>	<b>: 71 (%)</b>
(% of total days in operation)	
<b>Average Flexibility</b>	<b>: 29 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 557</b>
<b>Daily Average (MW)</b>	<b>: 469</b>
<b>Average Daily Min (MW)</b>	<b>: 364</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 84</b>
<b>Daily Average/IC (%)</b>	<b>: 71</b>
<b>Average Daily Min/IC (%)</b>	<b>: 55</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 465</b>
<b>Number Of Beneficiaries</b>	<b>: 1</b>



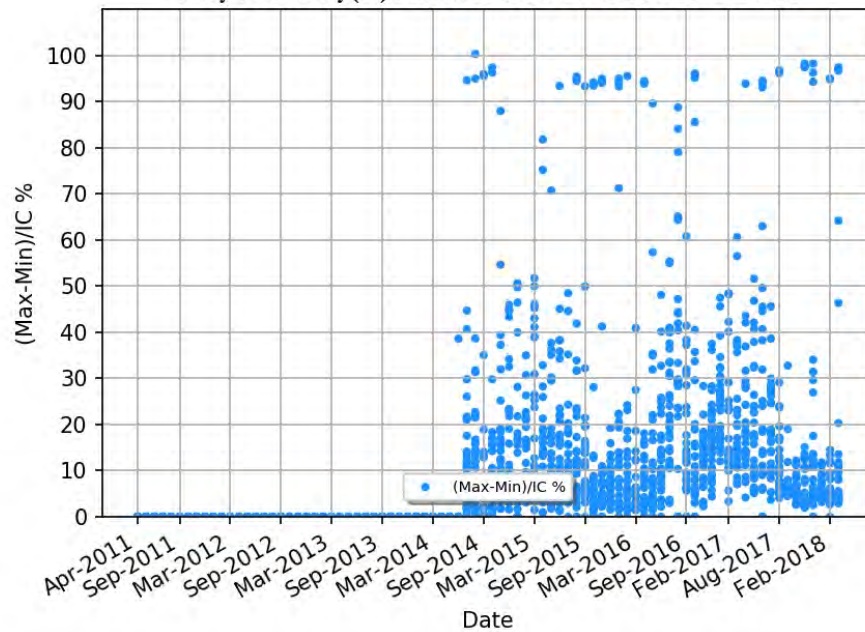
Daily Max Generation : SASAN UMTTP UNIT - 1 660 MW



Daily Min Generation : SASAN UMTTP UNIT - 1 660 MW



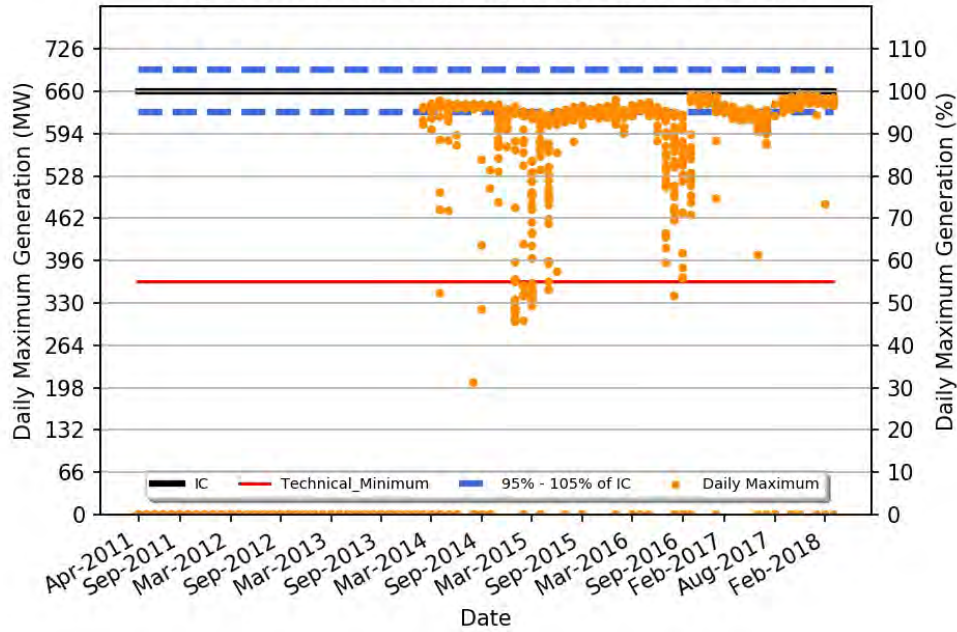
Daily Flexibility(%) : SASAN UMTTP UNIT - 1 660 MW



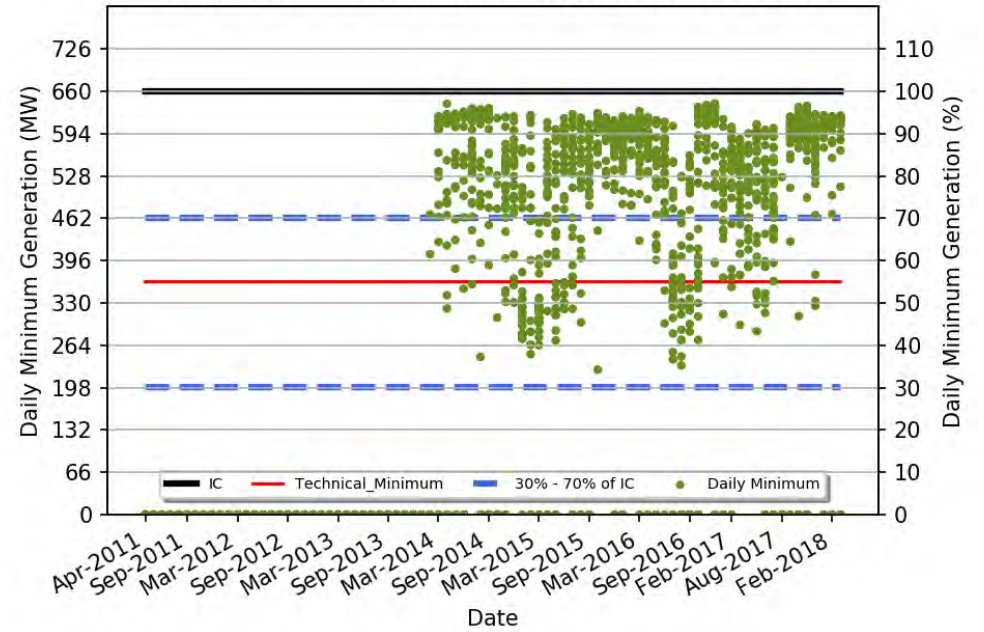
**SASAN UMTTP UNIT - 1 660 MW**

<b>Region</b>	: Western region
<b>Number of Days Considered</b>	: 1266
<b>No. Of Days Max Generation Achieved</b>	: 62 (%)
(% of total days in operation)	
<b>No. Of Days Min Generation Achieved</b>	: 19 (%)
(% of total days in operation)	
<b>Average Flexibility</b>	: 16 (%)
<b>Average Daily Max (MW)</b>	: 616
<b>Daily Average (MW)</b>	: 585
<b>Average Daily Min (MW)</b>	: 508
<b>Average Daily Max/ IC (%)</b>	: 93
<b>Daily Average/IC (%)</b>	: 88
<b>Average Daily Min/IC (%)</b>	: 76
<b>Variable Charge (Paisa/kWh)</b>	: 132
<b>Number Of Beneficiaries</b>	: 7

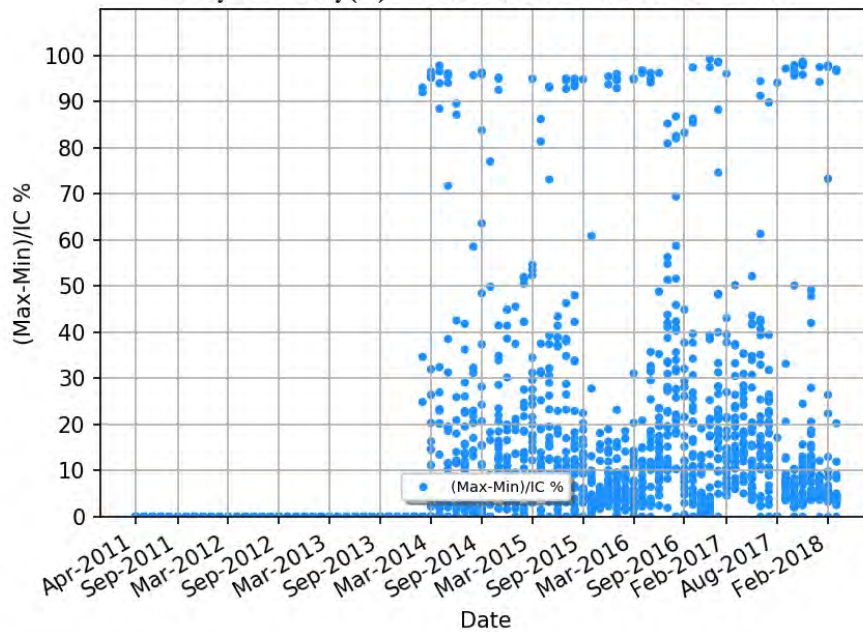
Daily Max Generation : SASAN UMTTP UNIT - 2 660 MW



Daily Min Generation : SASAN UMTTP UNIT - 2 660 MW



Daily Flexibility(%) : SASAN UMTTP UNIT - 2 660 MW

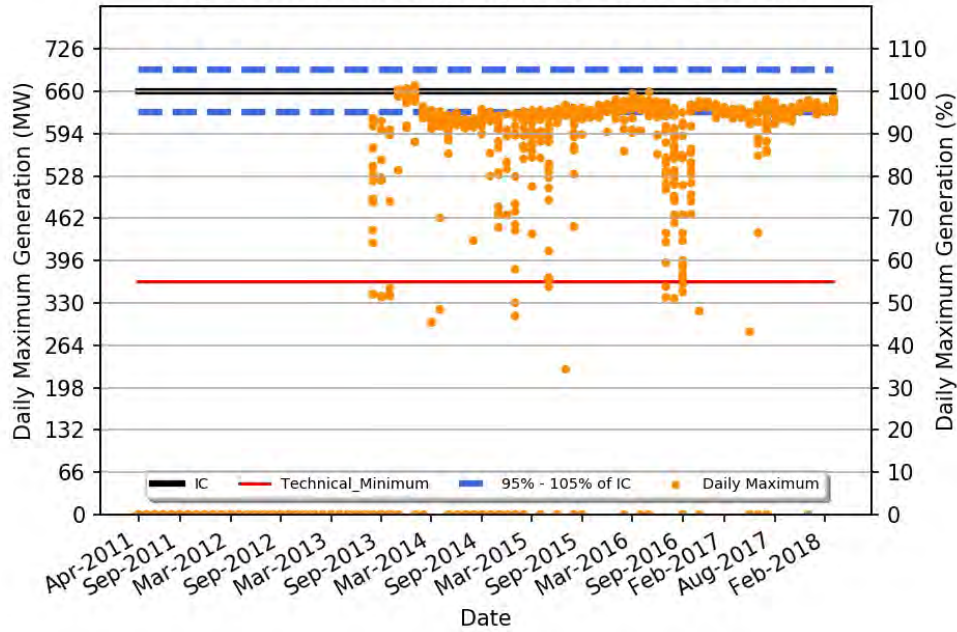


**SASAN UMTTP UNIT - 2 660 MW**

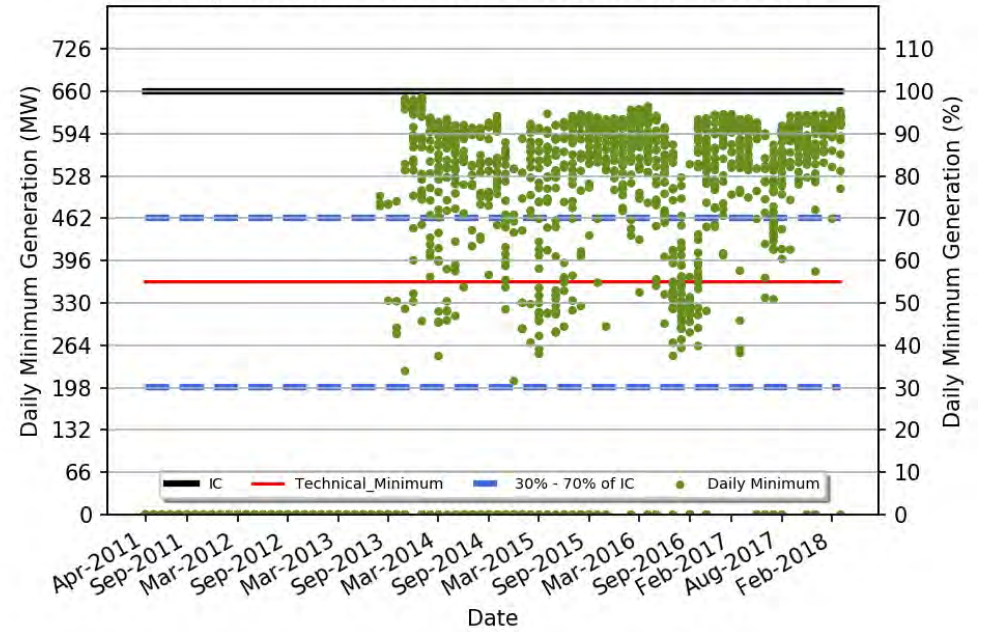
<b>Region</b>	: Western region
<b>Number of Days Considered</b>	: 1282
<b>No. Of Days Max Generation Achieved</b>	: 56 (%)
(% of total days in operation)	
<b>No. Of Days Min Generation Achieved</b>	: 19 (%)
(% of total days in operation)	
<b>Average Flexibility</b>	: 17 (%)
<b>Average Daily Max (MW)</b>	: 610
<b>Daily Average (MW)</b>	: 577
<b>Average Daily Min (MW)</b>	: 497
<b>Average Daily Max/ IC (%)</b>	: 92
<b>Daily Average/IC (%)</b>	: 87
<b>Average Daily Min/IC (%)</b>	: 75
<b>Variable Charge (Paisa/kWh)</b>	: 132
<b>Number Of Beneficiaries</b>	: 7



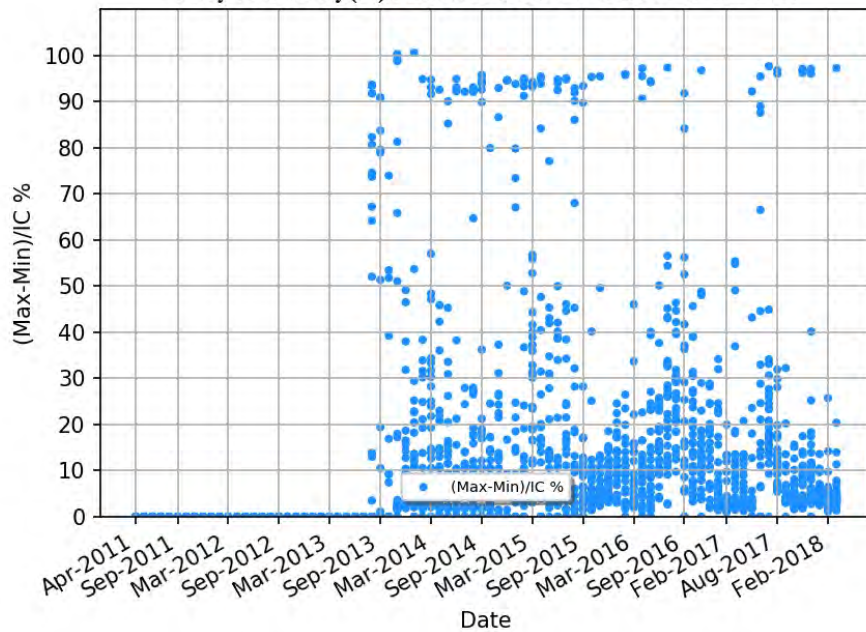
Daily Max Generation : SASAN UMTTP UNIT - 3 660 MW



Daily Min Generation : SASAN UMTTP UNIT - 3 660 MW



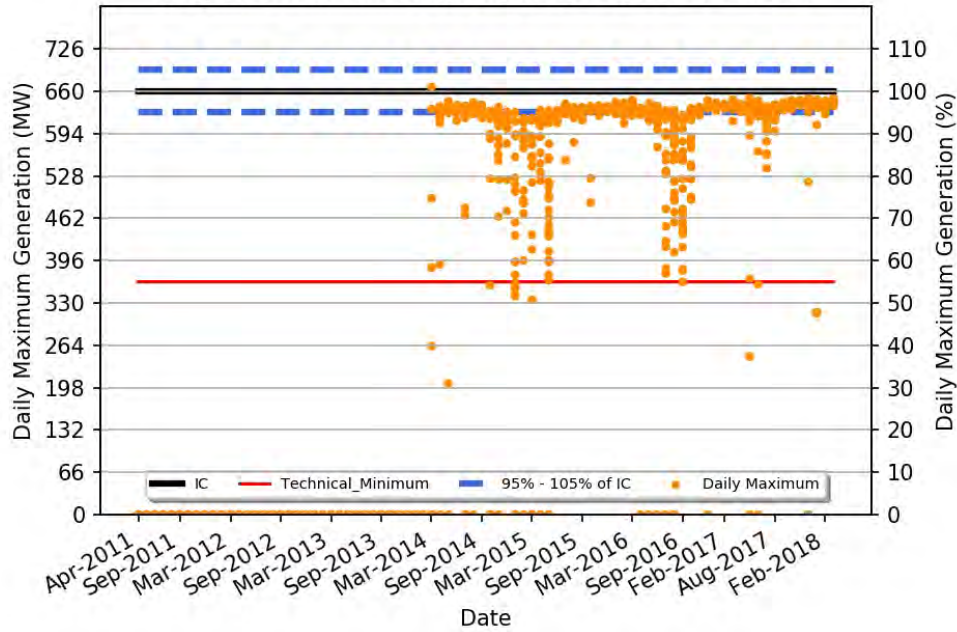
Daily Flexibility(%) : SASAN UMTTP UNIT - 3 660 MW



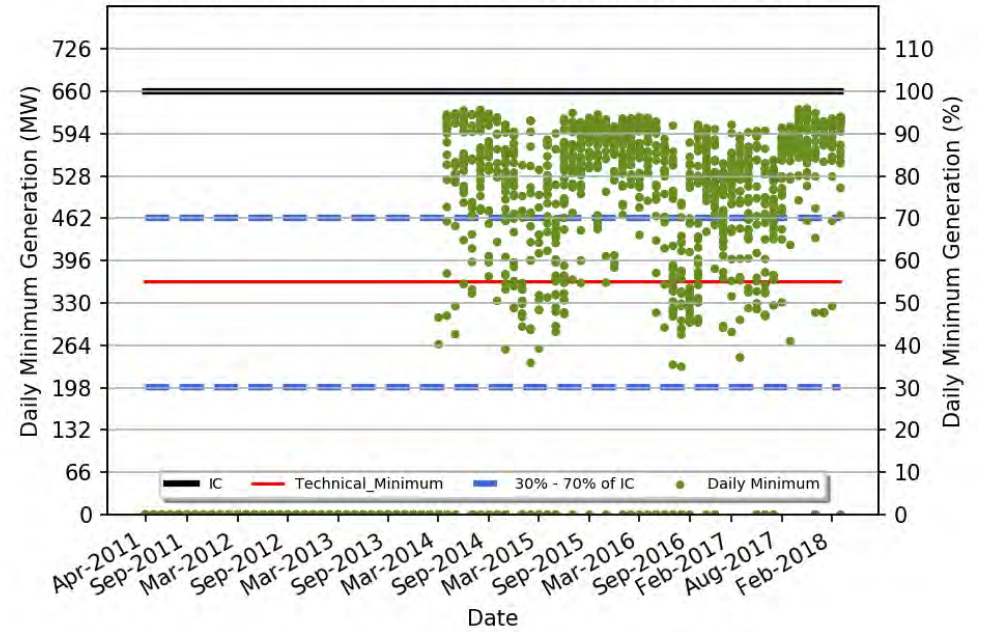
**SASAN UMTTP UNIT - 3 660 MW**

<b>Region</b>	<b>: Western region</b>
<b>Number of Days Considered</b>	<b>: 1419</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 51 (%)</b>
<b>(% of total days in operation)</b>	
<b>No. Of Days Min Generation Achieved</b>	<b>: 17 (%)</b>
<b>(% of total days in operation)</b>	
<b>Average Flexibility</b>	<b>: 17 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 614</b>
<b>Daily Average (MW)</b>	<b>: 576</b>
<b>Average Daily Min (MW)</b>	<b>: 499</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 93</b>
<b>Daily Average/IC (%)</b>	<b>: 87</b>
<b>Average Daily Min/IC (%)</b>	<b>: 75</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 132</b>
<b>Number Of Beneficiaries</b>	<b>: 7</b>

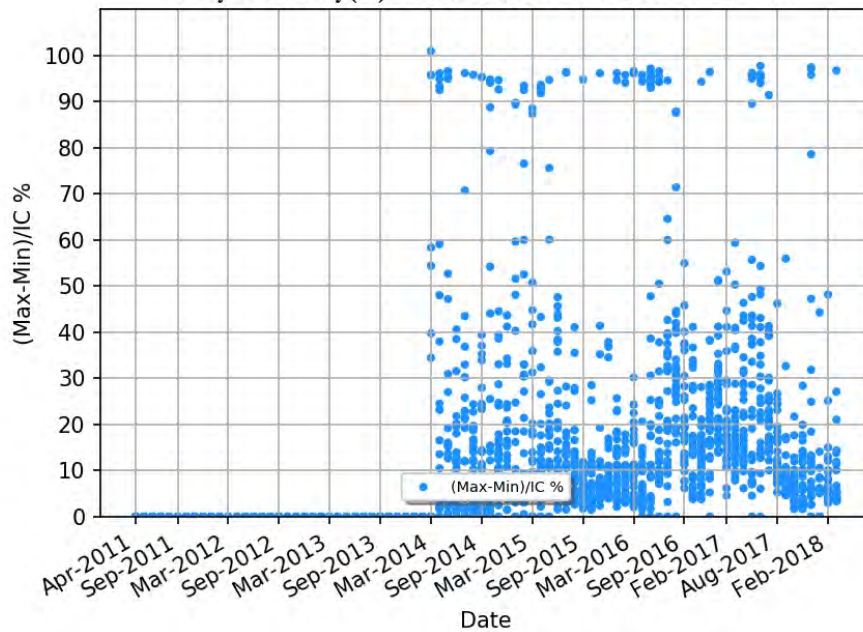
Daily Max Generation : SASAN UMTTP UNIT - 4 660 MW



Daily Min Generation : SASAN UMTTP UNIT - 4 660 MW



Daily Flexibility(%) : SASAN UMTTP UNIT - 4 660 MW

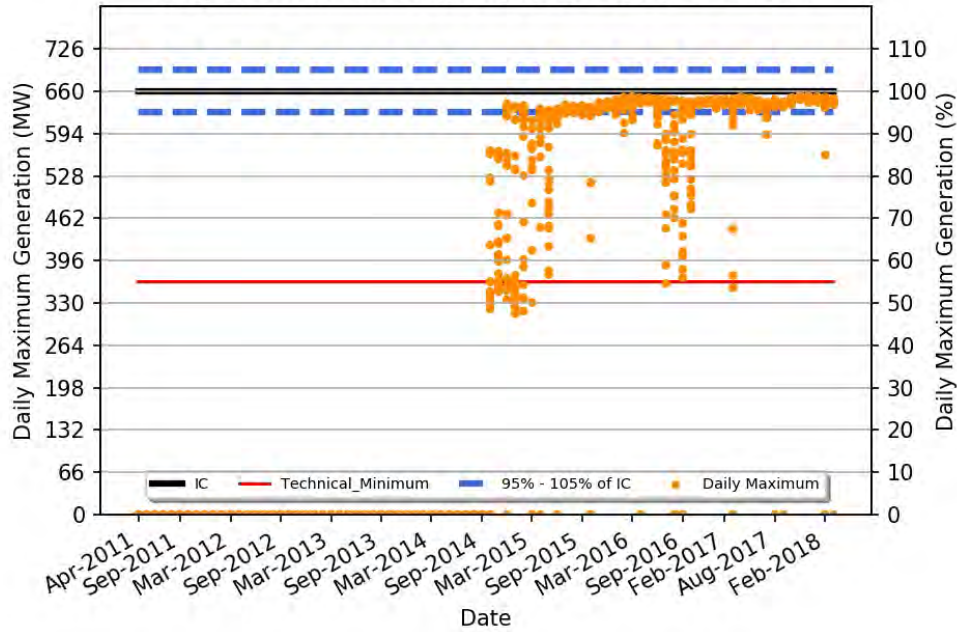


**SASAN UMTTP UNIT - 4 660 MW**

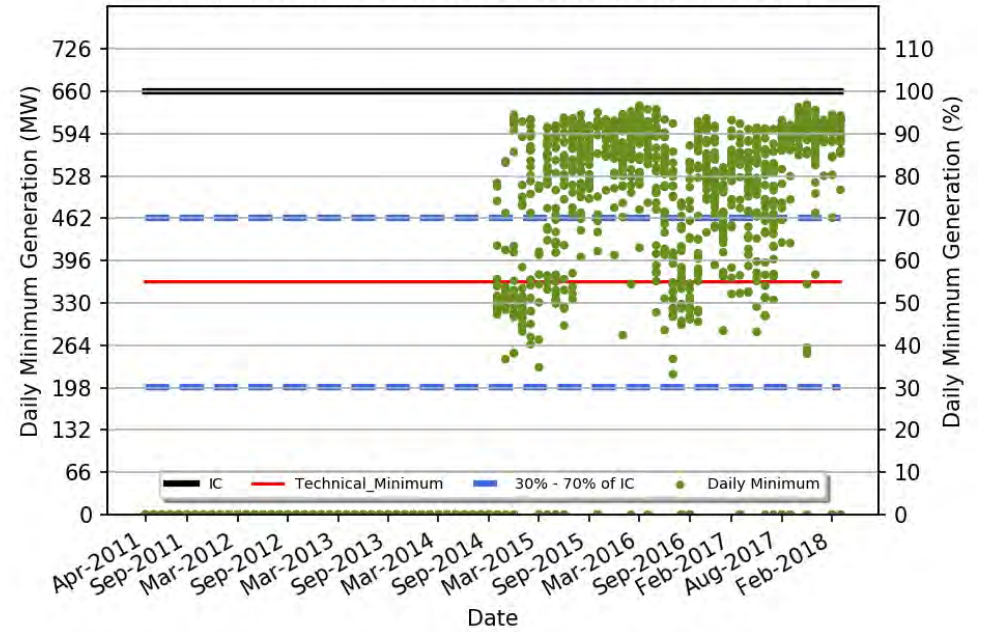
<b>Region</b>	<b>: Western region</b>
<b>Number of Days Considered</b>	<b>: 1325</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 66 (%)</b>
(% of total days in operation)	
<b>No. Of Days Min Generation Achieved</b>	<b>: 22 (%)</b>
(% of total days in operation)	
<b>Average Flexibility</b>	<b>: 18 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 613</b>
<b>Daily Average (MW)</b>	<b>: 574</b>
<b>Average Daily Min (MW)</b>	<b>: 489</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 92</b>
<b>Daily Average/IC (%)</b>	<b>: 87</b>
<b>Average Daily Min/IC (%)</b>	<b>: 74</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 132</b>
<b>Number Of Beneficiaries</b>	<b>: 7</b>



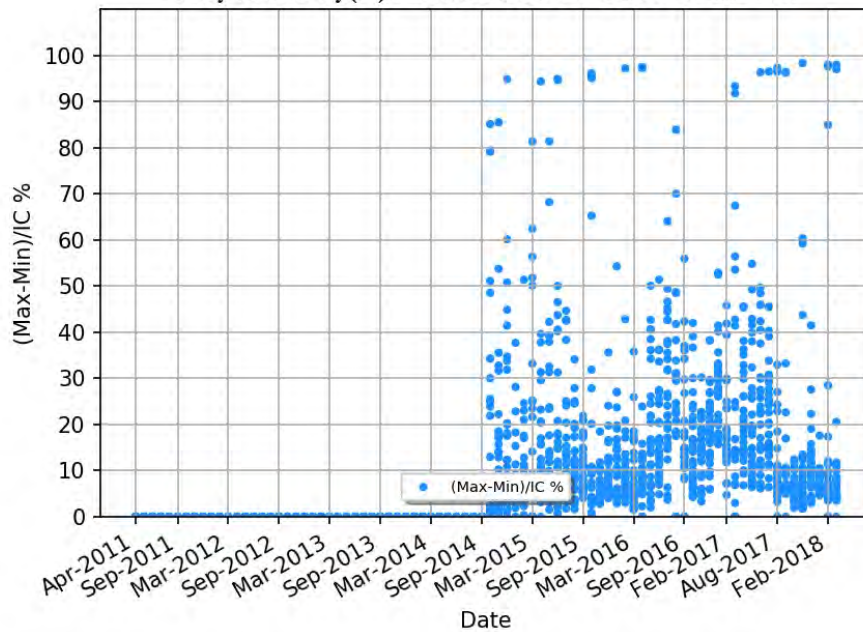
Daily Max Generation : SASAN UMTTP UNIT - 5 660 MW



Daily Min Generation : SASAN UMTTP UNIT - 5 660 MW



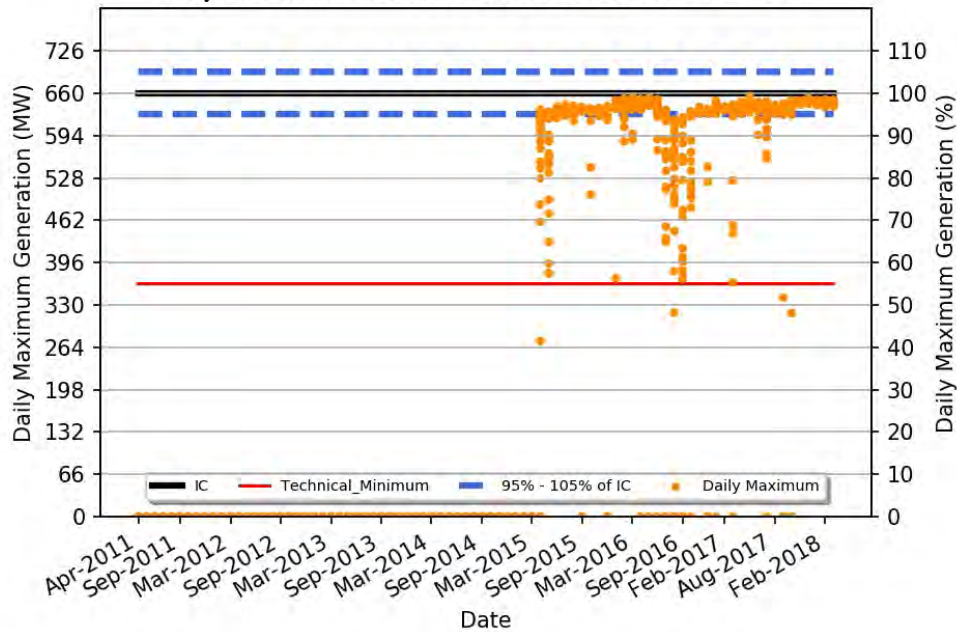
Daily Flexibility(%) : SASAN UMTTP UNIT - 5 660 MW



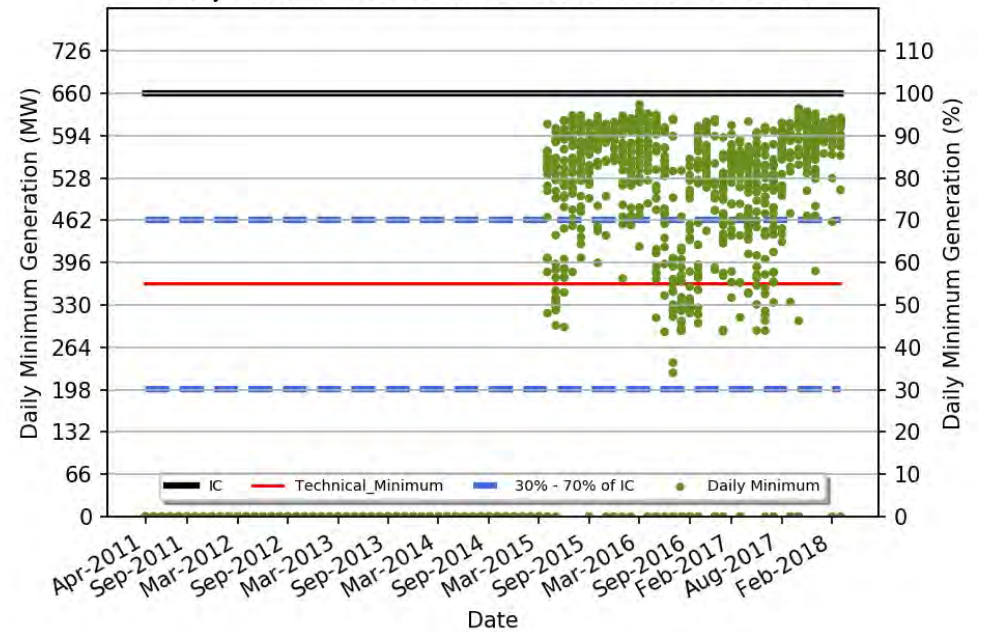
**SASAN UMTTP UNIT - 5 660 MW**

<b>Region</b>	<b>: Western region</b>
<b>Number of Days Considered</b>	<b>: 1182</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 76 (%)</b>
(% of total days in operation)	
<b>No. Of Days Min Generation Achieved</b>	<b>: 24 (%)</b>
(% of total days in operation)	
<b>Average Flexibility</b>	<b>: 16 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 611</b>
<b>Daily Average (MW)</b>	<b>: 577</b>
<b>Average Daily Min (MW)</b>	<b>: 502</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 92</b>
<b>Daily Average/IC (%)</b>	<b>: 87</b>
<b>Average Daily Min/IC (%)</b>	<b>: 76</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 132</b>
<b>Number Of Beneficiaries</b>	<b>: 7</b>

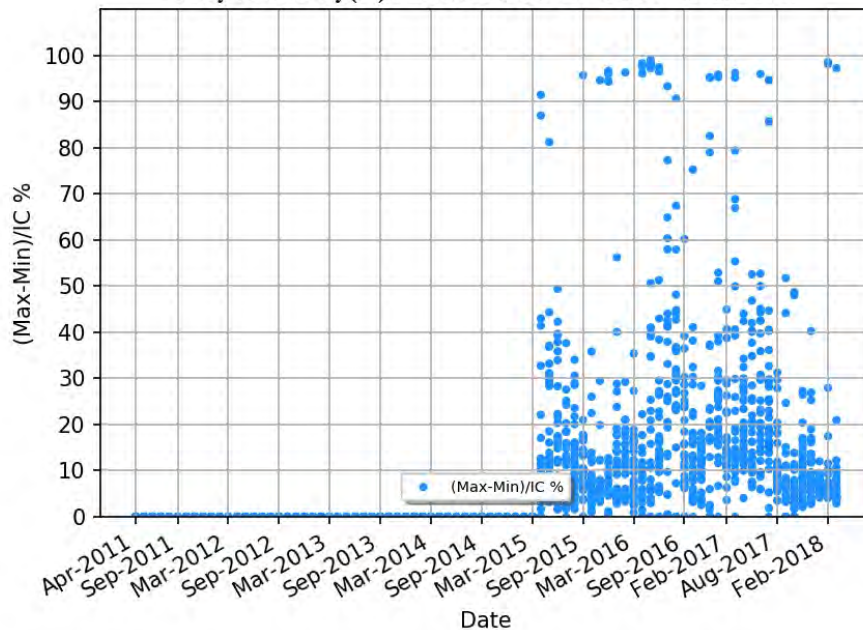
Daily Max Generation : SASAN UMTTP UNIT - 6 660 MW



Daily Min Generation : SASAN UMTTP UNIT - 6 660 MW



Daily Flexibility(%) : SASAN UMTTP UNIT - 6 660 MW

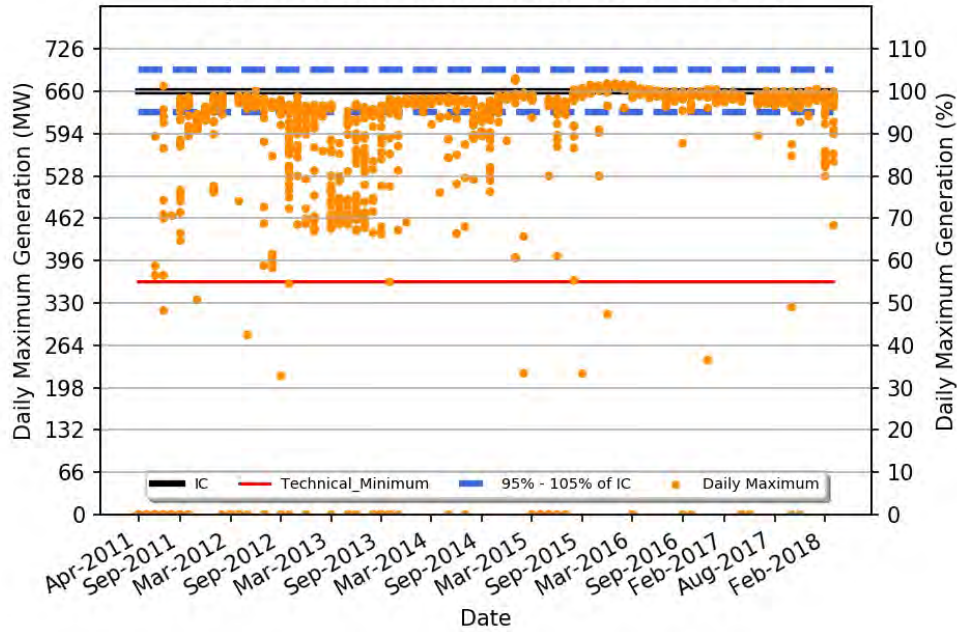


**SASAN UMTTP UNIT - 6 660 MW**

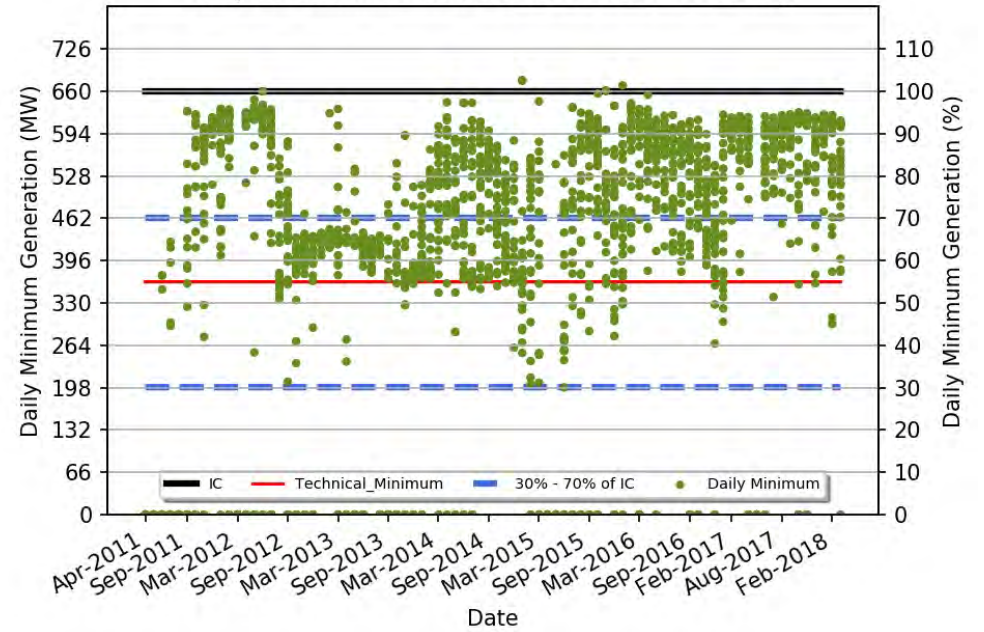
<b>Region</b>	: Western region
<b>Number of Days Considered</b>	: 992
<b>No. Of Days Max Generation Achieved</b>	: 82 (%)
(% of total days in operation)	
<b>No. Of Days Min Generation Achieved</b>	: 18 (%)
(% of total days in operation)	
<b>Average Flexibility</b>	: 17 (%)
<b>Average Daily Max (MW)</b>	: 627
<b>Daily Average (MW)</b>	: 593
<b>Average Daily Min (MW)</b>	: 510
<b>Average Daily Max/ IC (%)</b>	: 95
<b>Daily Average/IC (%)</b>	: 89
<b>Average Daily Min/IC (%)</b>	: 77
<b>Variable Charge (Paisa/kWh)</b>	: 132
<b>Number Of Beneficiaries</b>	: 7



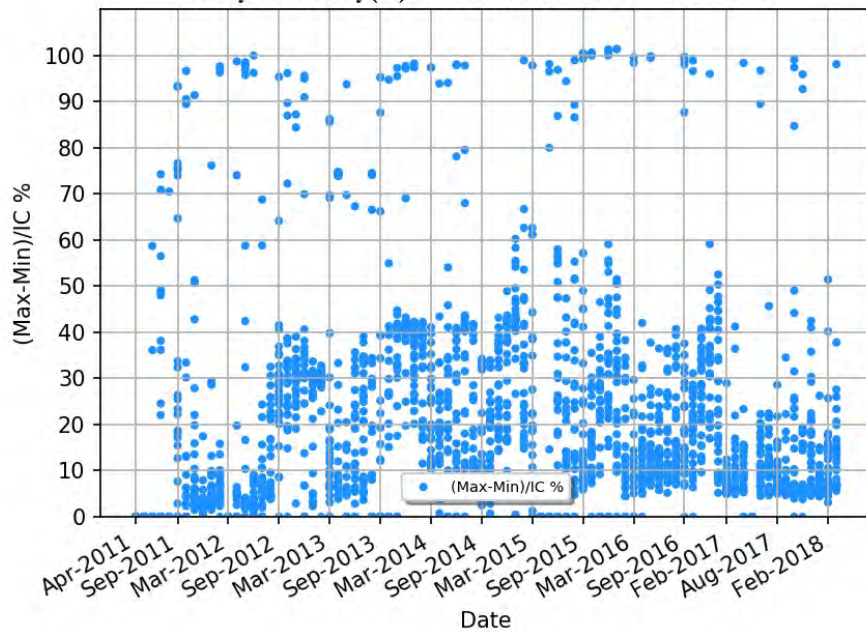
Daily Max Generation : SIPAT STPS UNIT - 1 660 MW



Daily Min Generation : SIPAT STPS UNIT - 1 660 MW



Daily Flexibility(%) : SIPAT STPS UNIT - 1 660 MW

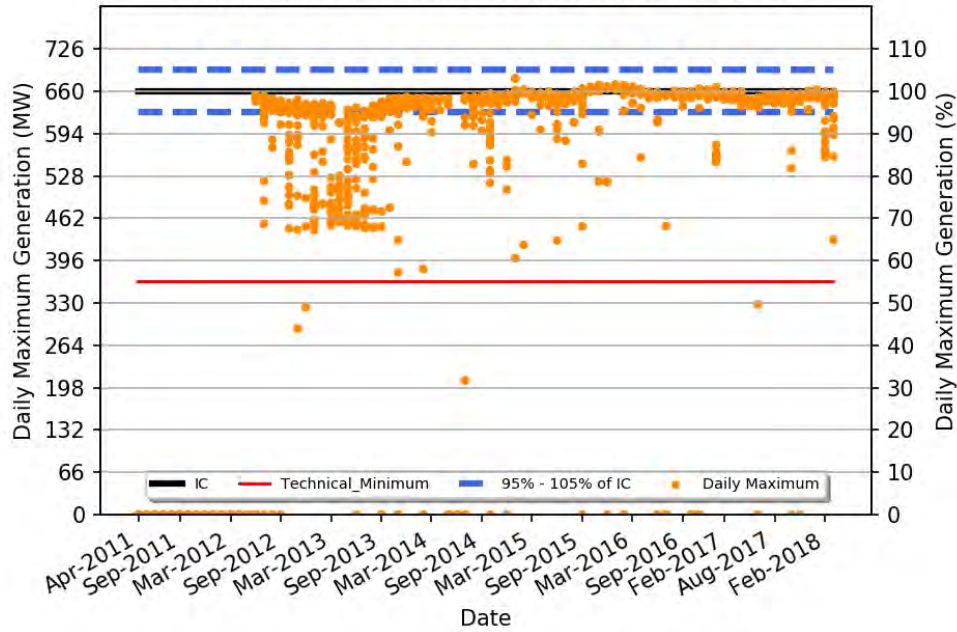


**SIPAT STPS UNIT - 1 660 MW**

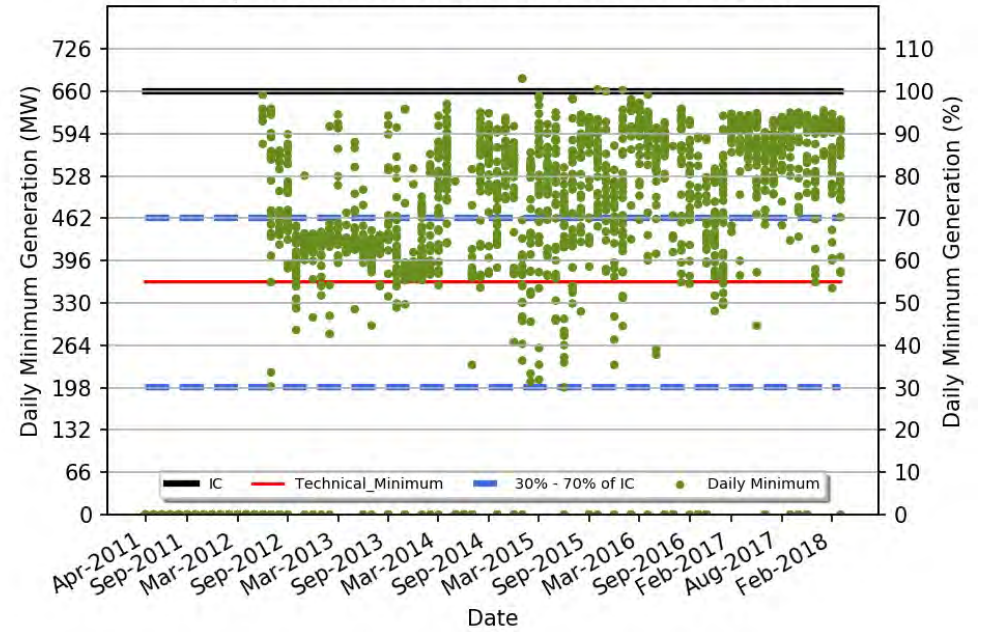
<b>Region</b>	: Western region
<b>Number of Days Considered</b>	: 2084
<b>No. Of Days Max Generation Achieved</b>	: 77 (%)
(% of total days in operation)	
<b>No. Of Days Min Generation Achieved</b>	: 35 (%)
(% of total days in operation)	
<b>Average Flexibility</b>	: 22 (%)
<b>Average Daily Max (MW)</b>	: 626
<b>Daily Average (MW)</b>	: 572
<b>Average Daily Min (MW)</b>	: 477
<b>Average Daily Max/ IC (%)</b>	: 94
<b>Daily Average/IC (%)</b>	: 86
<b>Average Daily Min/IC (%)</b>	: 72
<b>Variable Charge (Paisa/kWh)</b>	: 127
<b>Number Of Beneficiaries</b>	: 12



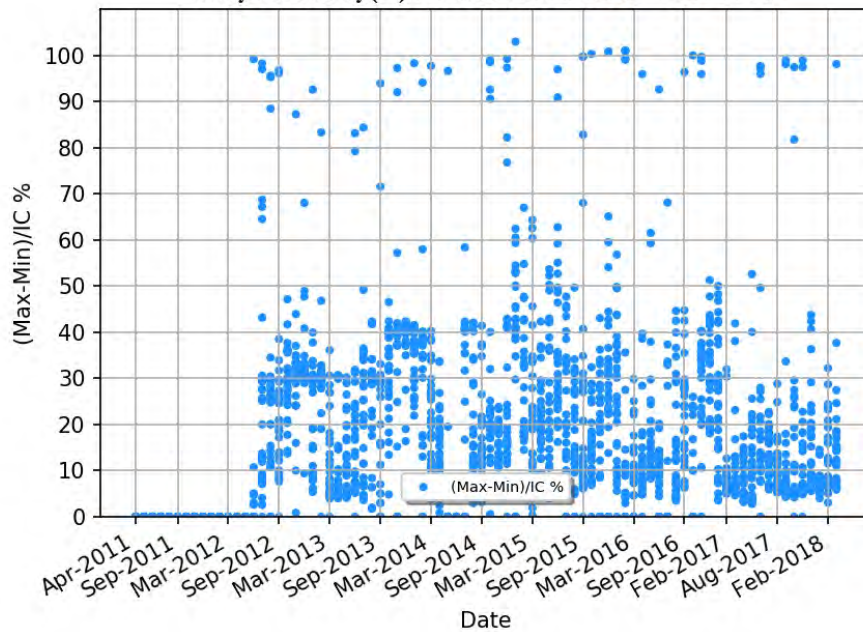
Daily Max Generation : SIPAT STPS UNIT - 2 660 MW



Daily Min Generation : SIPAT STPS UNIT - 2 660 MW



Daily Flexibility(%) : SIPAT STPS UNIT - 2 660 MW

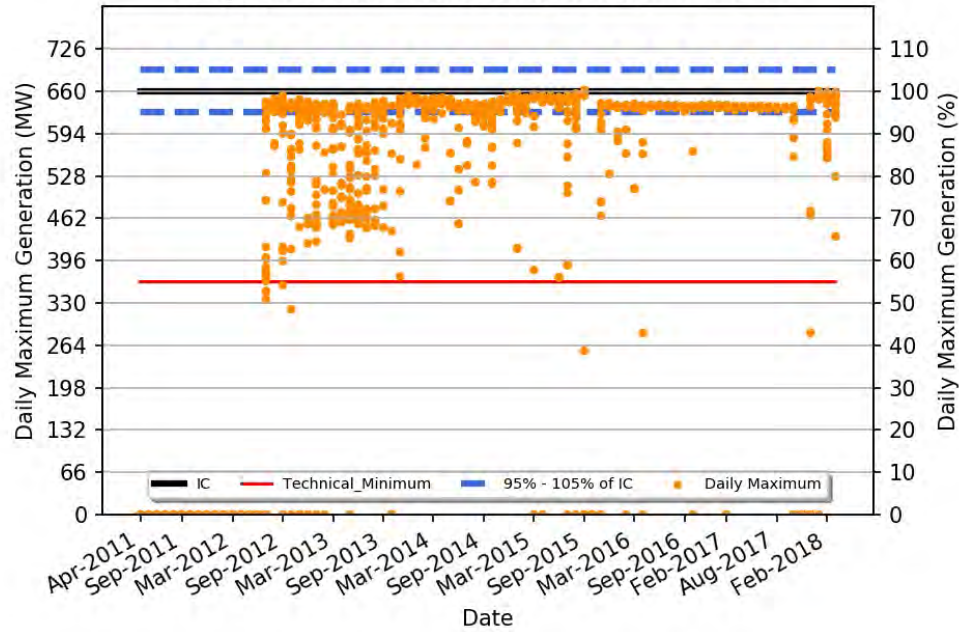


**SIPAT STPS UNIT - 2 660 MW**

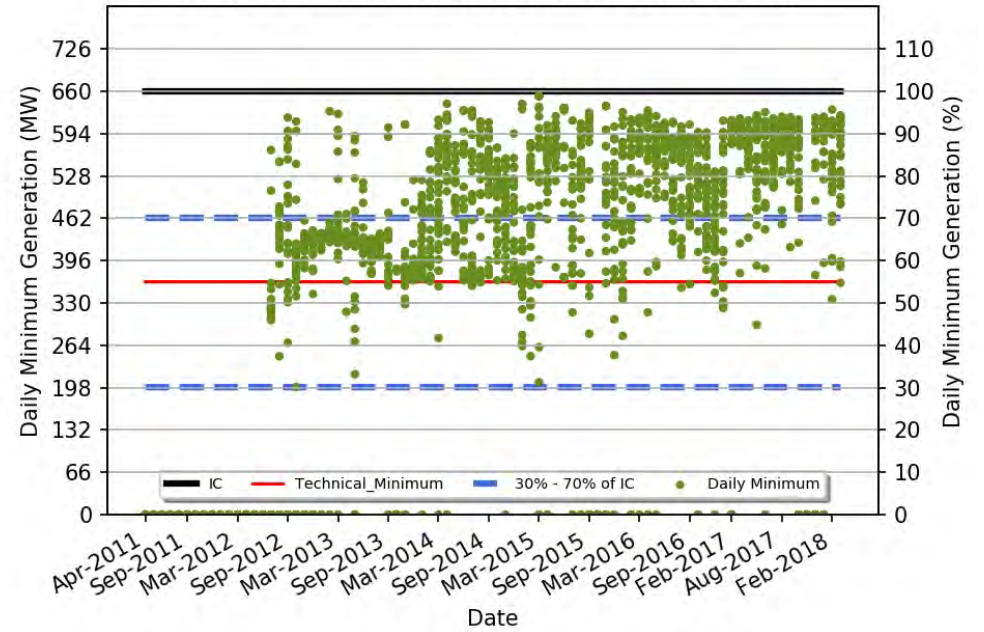
<b>Region</b>	<b>: Western region</b>
<b>Number of Days Considered</b>	<b>: 1920</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 83 (%)</b>
<b>(% of total days in operation)</b>	
<b>No. Of Days Min Generation Achieved</b>	<b>: 38 (%)</b>
<b>(% of total days in operation)</b>	
<b>Average Flexibility</b>	<b>: 22 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 632</b>
<b>Daily Average (MW)</b>	<b>: 576</b>
<b>Average Daily Min (MW)</b>	<b>: 486</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 95</b>
<b>Daily Average/IC (%)</b>	<b>: 87</b>
<b>Average Daily Min/IC (%)</b>	<b>: 73</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 127</b>
<b>Number Of Beneficiaries</b>	<b>: 12</b>



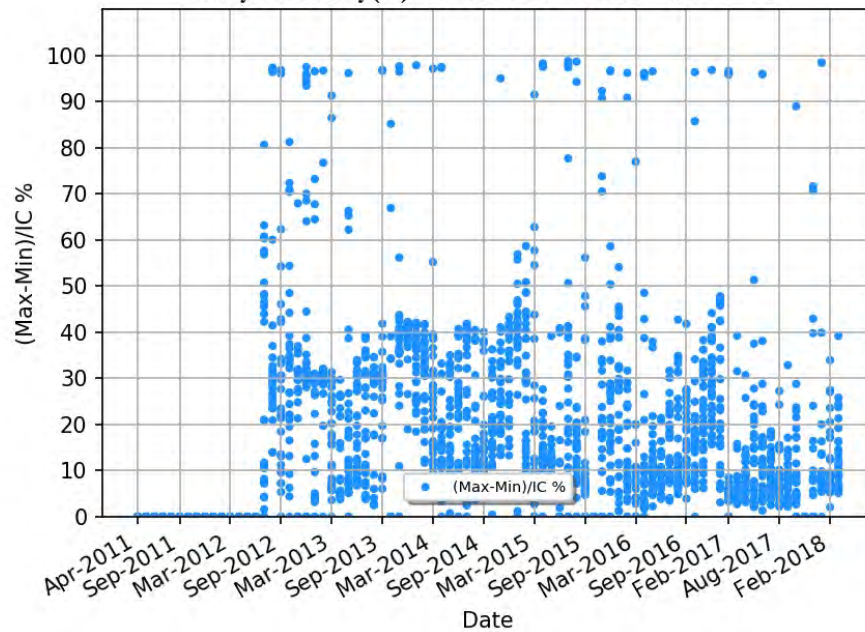
Daily Max Generation : SIPAT STPS UNIT - 3 660 MW



Daily Min Generation : SIPAT STPS UNIT - 3 660 MW



Daily Flexibility(%) : SIPAT STPS UNIT - 3 660 MW

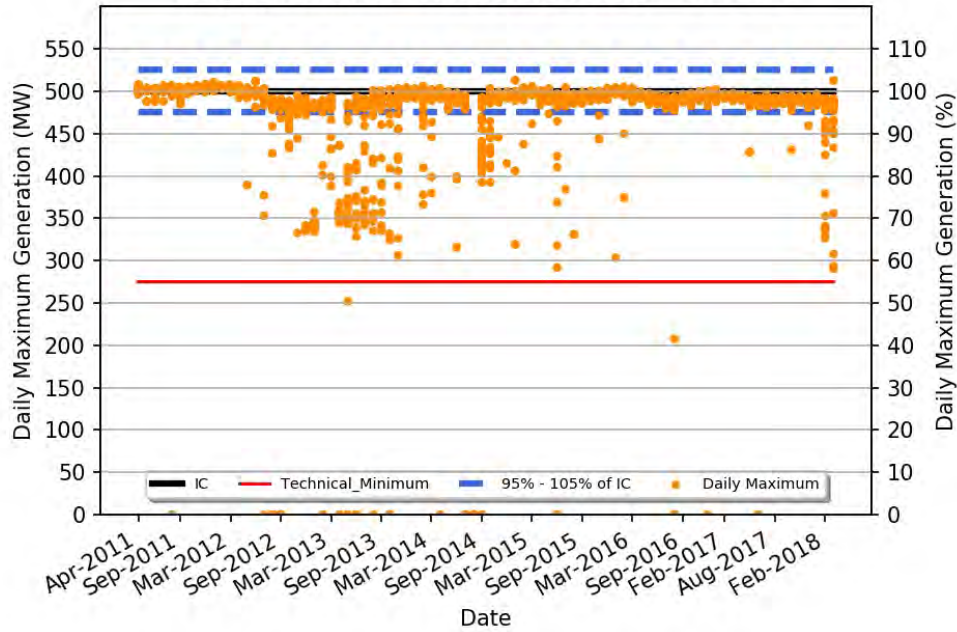


**SIPAT STPS UNIT - 3 660 MW**

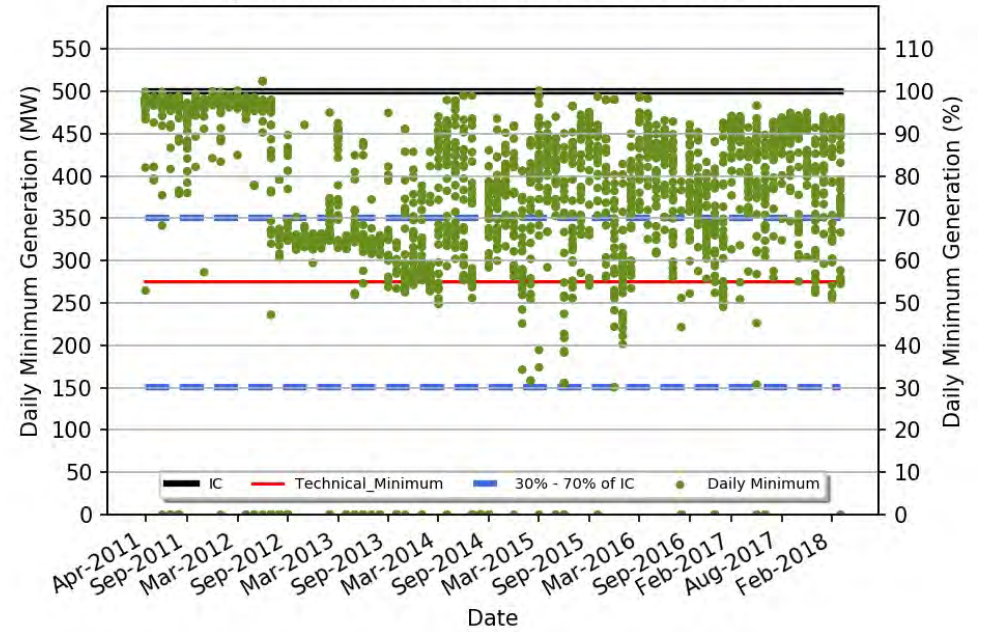
<b>Region</b>	<b>: Western region</b>
<b>Number of Days Considered</b>	<b>: 1891</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 80 (%)</b>
(% of total days in operation)	
<b>No. Of Days Min Generation Achieved</b>	<b>: 38 (%)</b>
(% of total days in operation)	
<b>Average Flexibility</b>	<b>: 21 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 619</b>
<b>Daily Average (MW)</b>	<b>: 567</b>
<b>Average Daily Min (MW)</b>	<b>: 479</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 93</b>
<b>Daily Average/IC (%)</b>	<b>: 85</b>
<b>Average Daily Min/IC (%)</b>	<b>: 72</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 127</b>
<b>Number Of Beneficiaries</b>	<b>: 12</b>



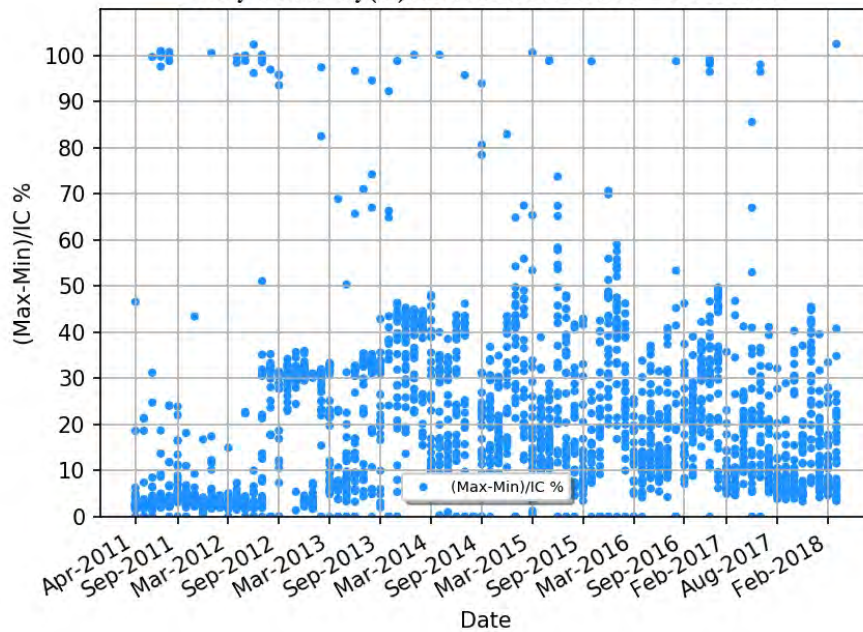
Daily Max Generation : SIPAT STPS UNIT - 4 500 MW



Daily Min Generation : SIPAT STPS UNIT - 4 500 MW



Daily Flexibility(%) : SIPAT STPS UNIT - 4 500 MW

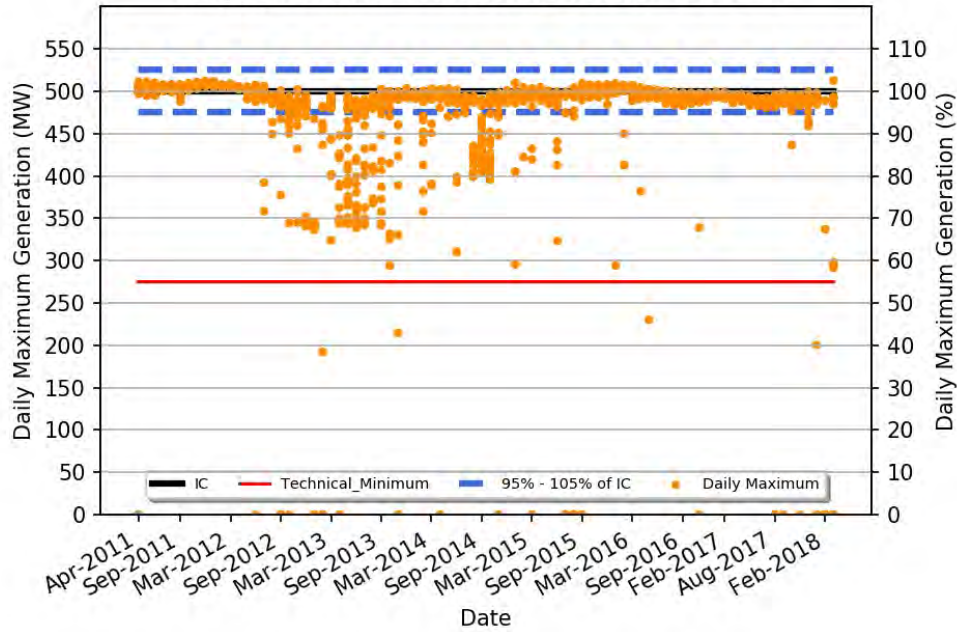


**SIPAT STPS UNIT - 4 500 MW**

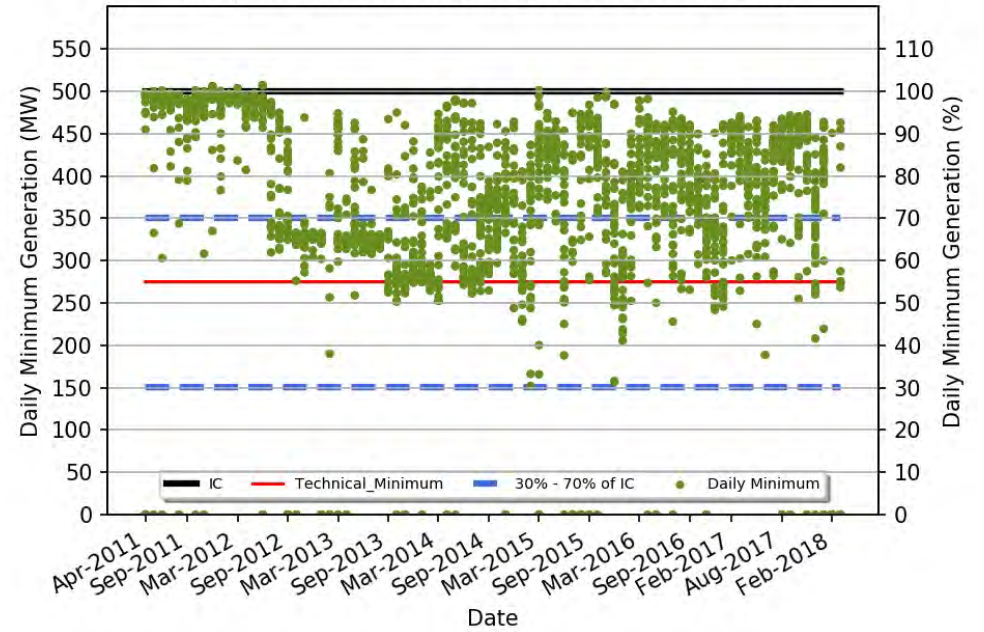
<b>Region</b>	<b>: Western region</b>
<b>Number of Days Considered</b>	<b>: 2388</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 88 (%)</b>
(% of total days in operation)	
<b>No. Of Days Min Generation Achieved</b>	<b>: 34 (%)</b>
(% of total days in operation)	
<b>Average Flexibility</b>	<b>: 19 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 482</b>
<b>Daily Average (MW)</b>	<b>: 446</b>
<b>Average Daily Min (MW)</b>	<b>: 385</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 96</b>
<b>Daily Average/IC (%)</b>	<b>: 89</b>
<b>Average Daily Min/IC (%)</b>	<b>: 77</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 131</b>
<b>Number Of Beneficiaries</b>	<b>: 13</b>



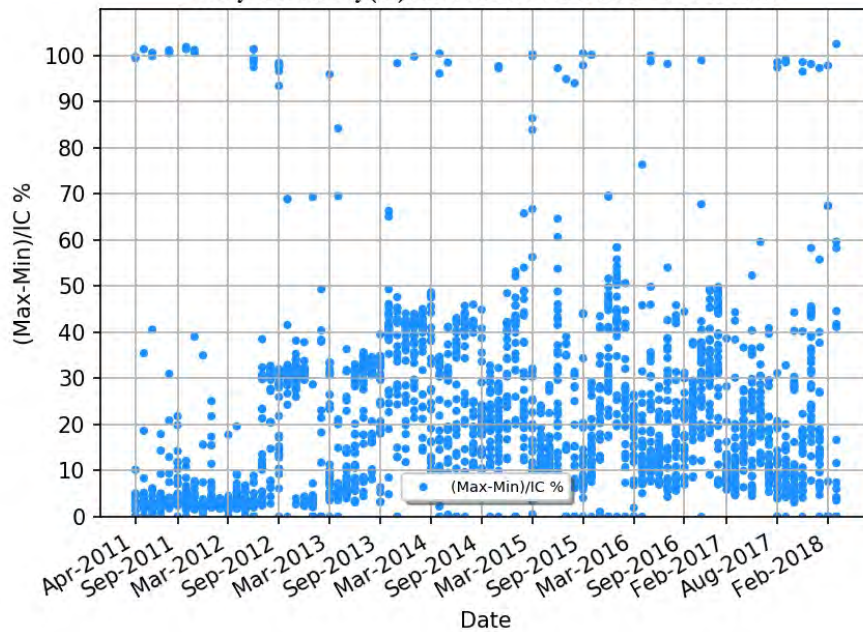
Daily Max Generation : SIPAT STPS UNIT - 5 500 MW



Daily Min Generation : SIPAT STPS UNIT - 5 500 MW



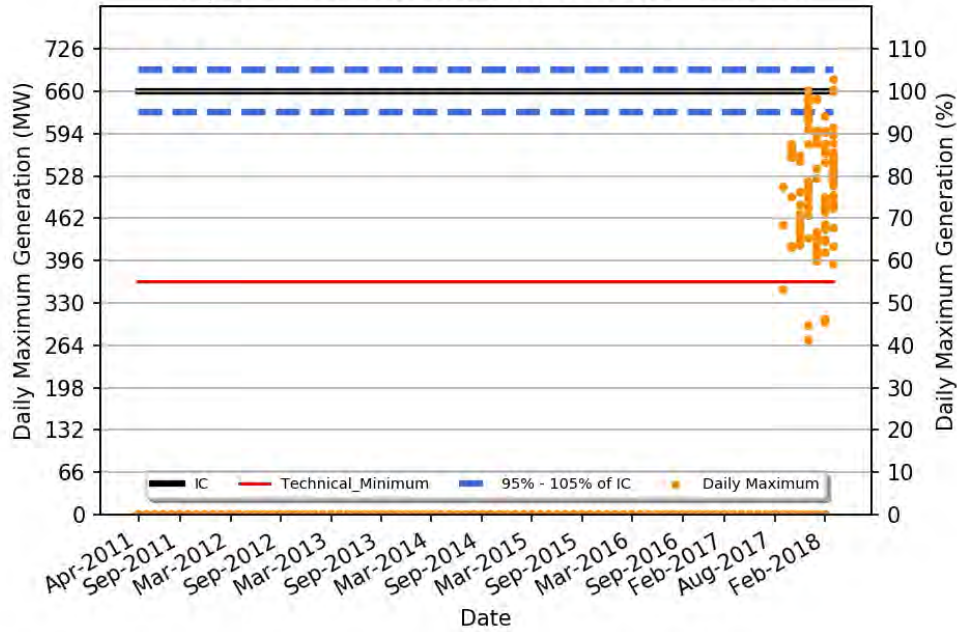
Daily Flexibility(%) : SIPAT STPS UNIT - 5 500 MW



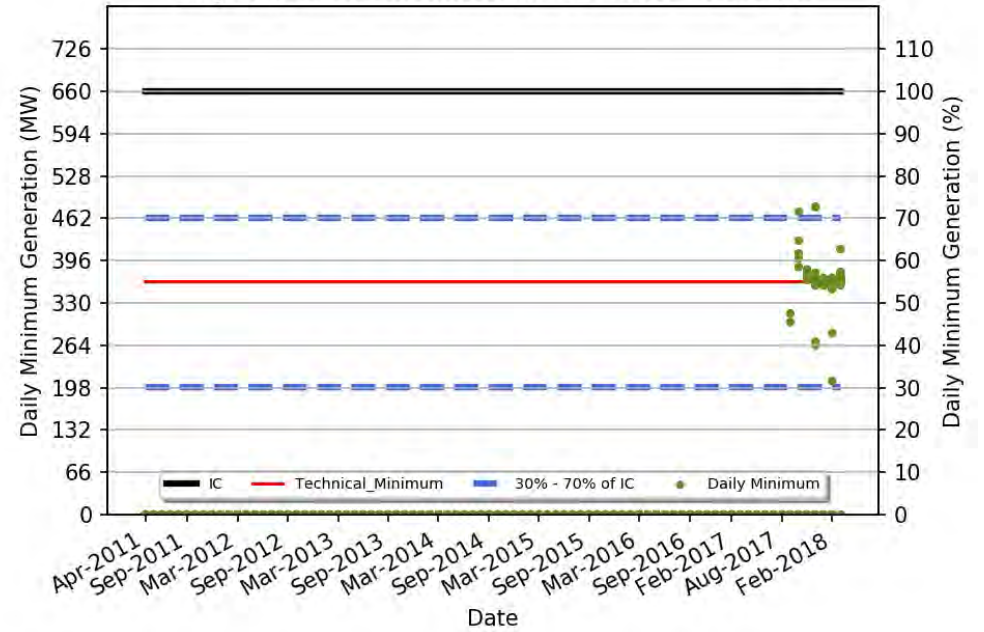
**SIPAT STPS UNIT - 5 500 MW**

<b>Region</b>	<b>: Western region</b>
<b>Number of Days Considered</b>	<b>: 2377</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 88 (%)</b>
<i>(% of total days in operation)</i>	
<b>No. Of Days Min Generation Achieved</b>	<b>: 34 (%)</b>
<i>(% of total days in operation)</i>	
<b>Average Flexibility</b>	<b>: 20 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 484</b>
<b>Daily Average (MW)</b>	<b>: 447</b>
<b>Average Daily Min (MW)</b>	<b>: 383</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 96</b>
<b>Daily Average/IC (%)</b>	<b>: 89</b>
<b>Average Daily Min/IC (%)</b>	<b>: 76</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 131</b>
<b>Number Of Beneficiaries</b>	<b>: 13</b>

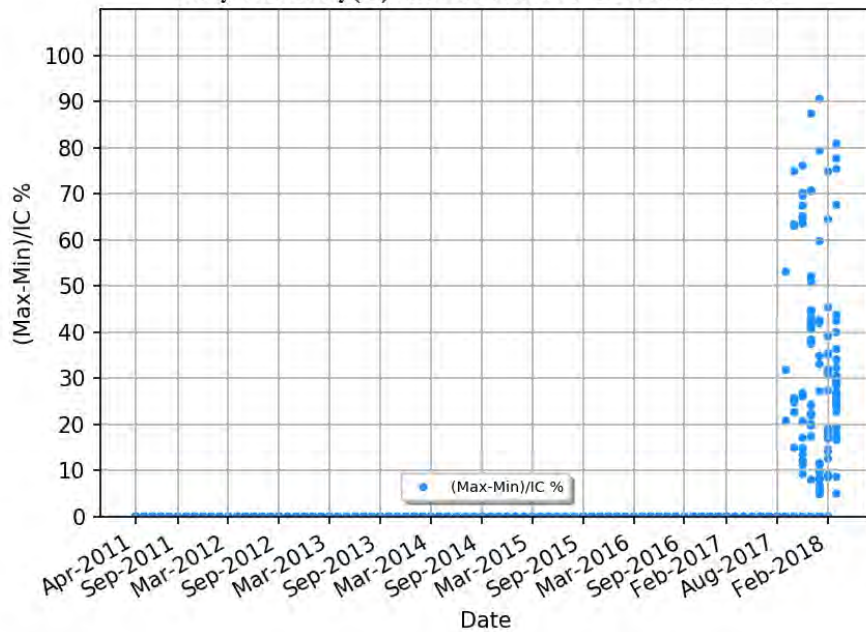
Daily Max Generation : SOLAPUR TPP UNIT - 1 660 MW



Daily Min Generation : SOLAPUR TPP UNIT - 1 660 MW



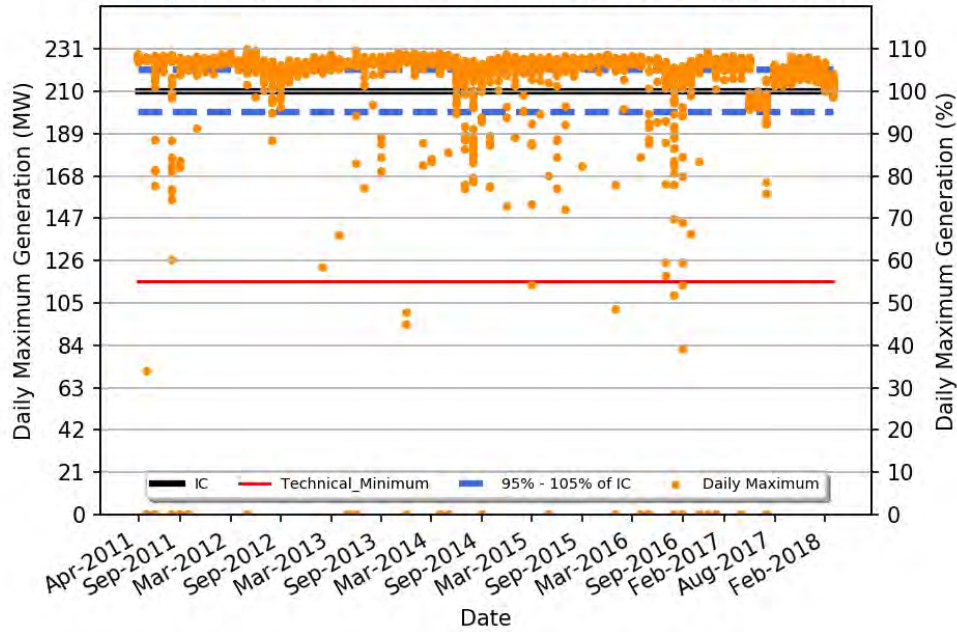
Daily Flexibility(%) : SOLAPUR TPP UNIT - 1 660 MW



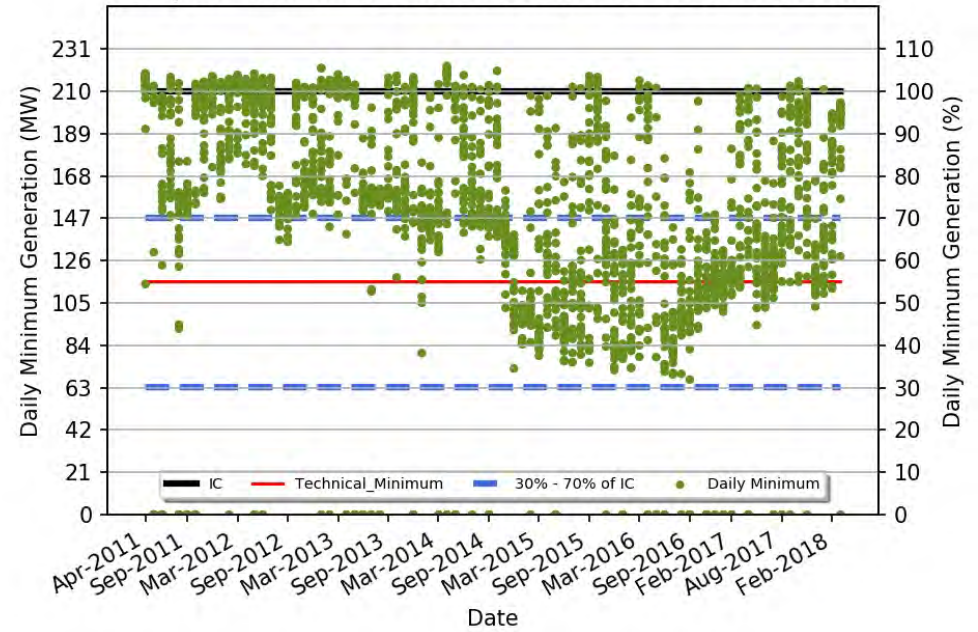
SOLAPUR TPP UNIT - 1 660 MW	
Region	: Western region
Number of Days Considered	: 113
No. Of Days Max Generation Achieved	: 9 (%)
(% of total days in operation)	
No. Of Days Min Generation Achieved	: 83 (%)
(% of total days in operation)	
Average Flexibility	: 30 (%)
Average Daily Max (MW)	: 518
Daily Average (MW)	: 408
Average Daily Min (MW)	: 317
Average Daily Max/ IC (%)	: 78
Daily Average/IC (%)	: 61
Average Daily Min/IC (%)	: 48
Variable Charge (Paisa/kWh)	: 352
Number Of Beneficiaries	: 6



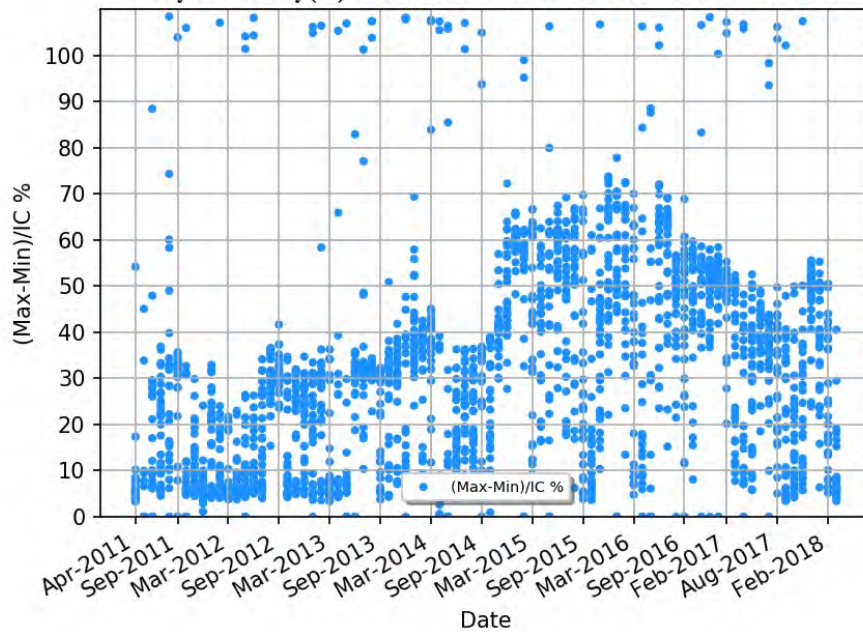
Daily Max Generation : VINDHYACHAL STPS UNIT - 1 210 MW



Daily Min Generation : VINDHYACHAL STPS UNIT - 1 210 MW



Daily Flexibility(%) : VINDHYACHAL STPS UNIT - 1 210 MW

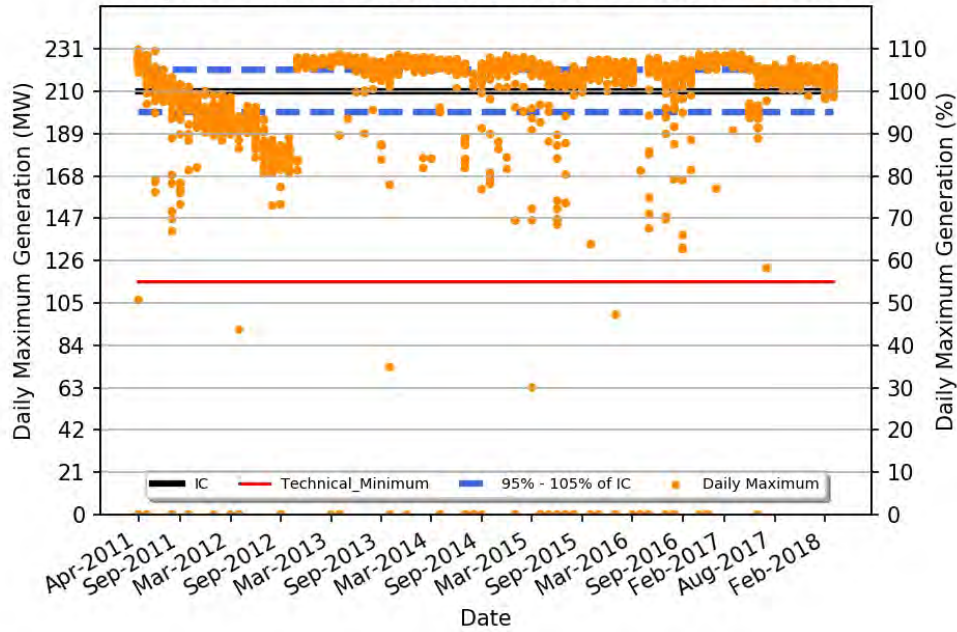


**VINDHYACHAL STPS UNIT - 1 210 MW**

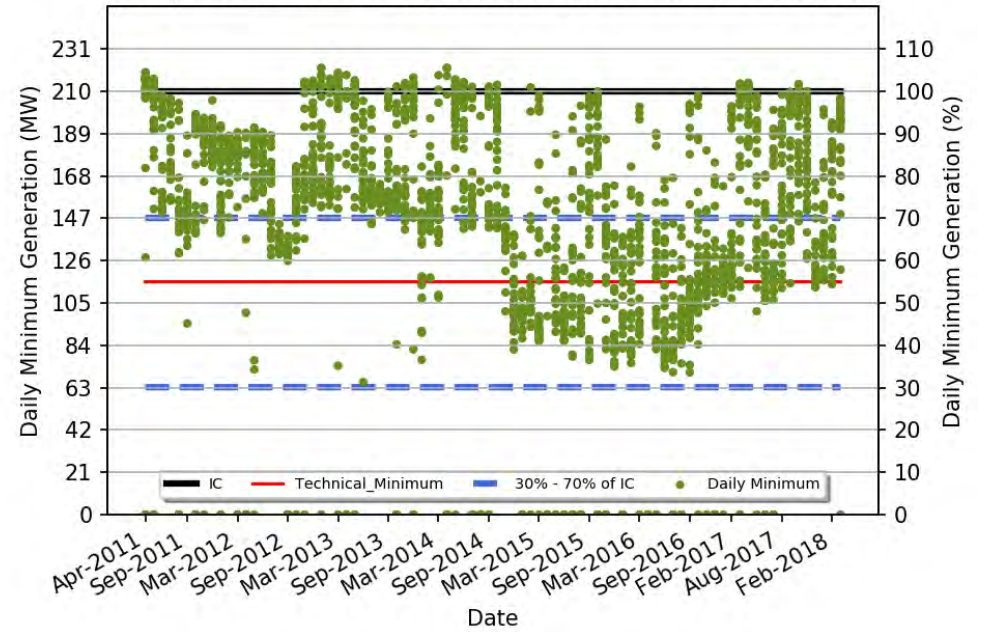
<b>Region</b>	<b>: Western region</b>
<b>Number of Days Considered</b>	<b>: 2376</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 21 (%)</b>
<b>(% of total days in operation)</b>	
<b>No. Of Days Min Generation Achieved</b>	<b>: 38 (%)</b>
<b>(% of total days in operation)</b>	
<b>Average Flexibility</b>	<b>: 31 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 220</b>
<b>Daily Average (MW)</b>	<b>: 193</b>
<b>Average Daily Min (MW)</b>	<b>: 153</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 104</b>
<b>Daily Average/IC (%)</b>	<b>: 92</b>
<b>Average Daily Min/IC (%)</b>	<b>: 73</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 163</b>
<b>Number Of Beneficiaries</b>	<b>: 15</b>



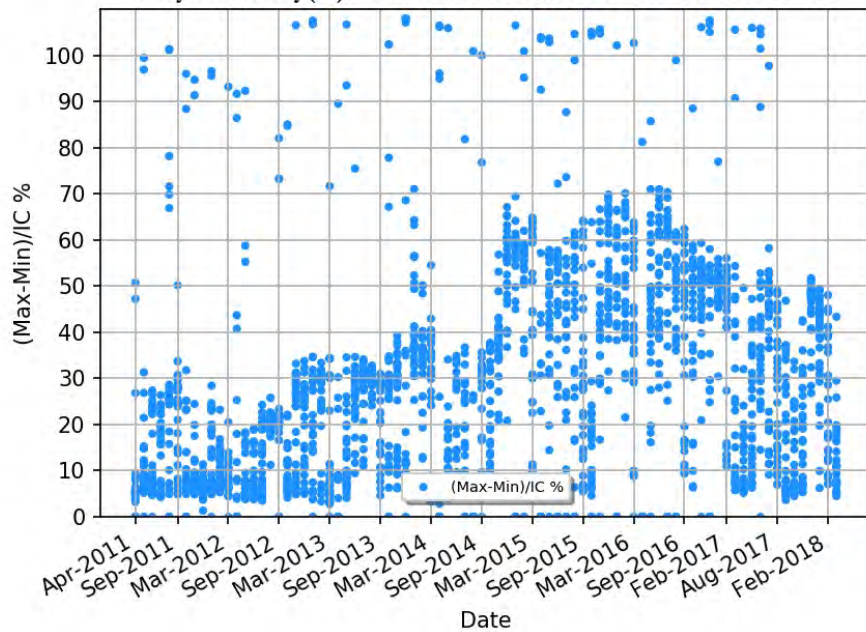
Daily Max Generation : VINDHYACHAL STPS UNIT - 2 210 MW



Daily Min Generation : VINDHYACHAL STPS UNIT - 2 210 MW



Daily Flexibility(%) : VINDHYACHAL STPS UNIT - 2 210 MW

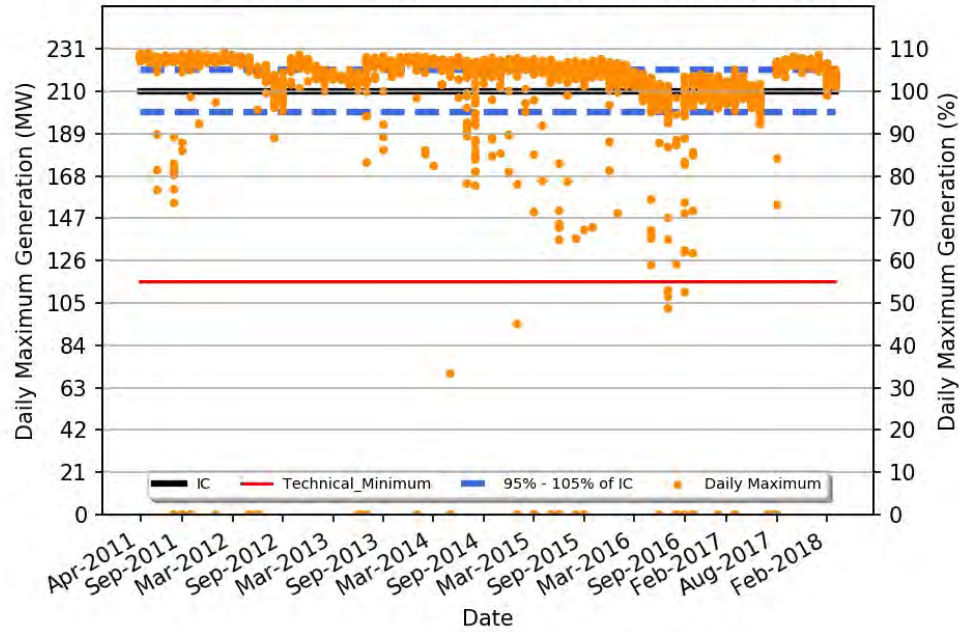


### VINDHYACHAL STPS UNIT - 2 210 MW

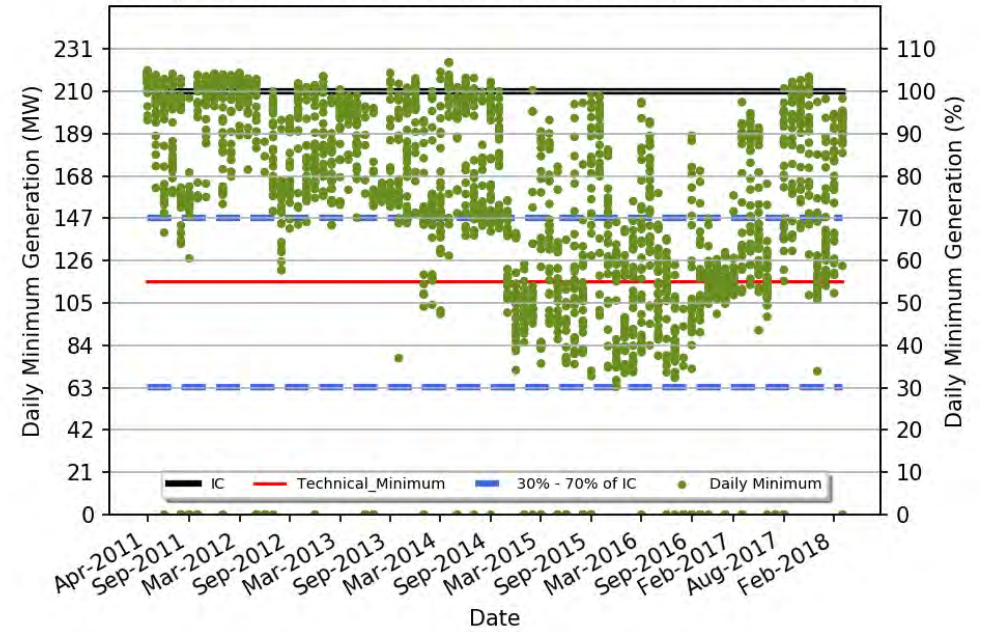
Region	: Western region
Number of Days Considered	: 2281
No. Of Days Max Generation Achieved	: 34 (%)
(% of total days in operation)	
No. Of Days Min Generation Achieved	: 37 (%)
(% of total days in operation)	
Average Flexibility	: 29 (%)
Average Daily Max (MW)	: 214
Daily Average (MW)	: 190
Average Daily Min (MW)	: 151
Average Daily Max/ IC (%)	: 101
Daily Average/IC (%)	: 90
Average Daily Min/IC (%)	: 72
Variable Charge (Paisa/kWh)	: 163
Number Of Beneficiaries	: 15



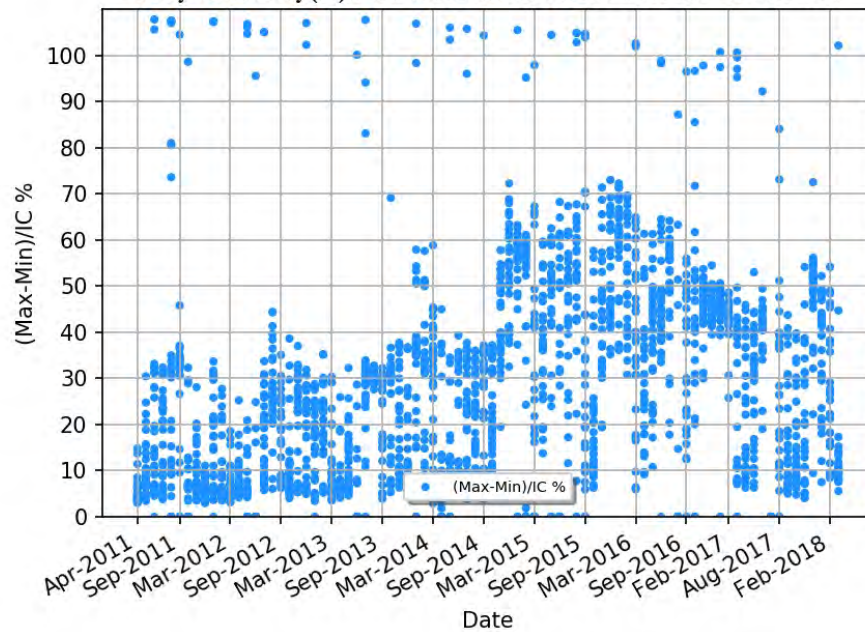
Daily Max Generation : VINDHYACHAL STPS UNIT - 3 210 MW



Daily Min Generation : VINDHYACHAL STPS UNIT - 3 210 MW



Daily Flexibility(%) : VINDHYACHAL STPS UNIT - 3 210 MW

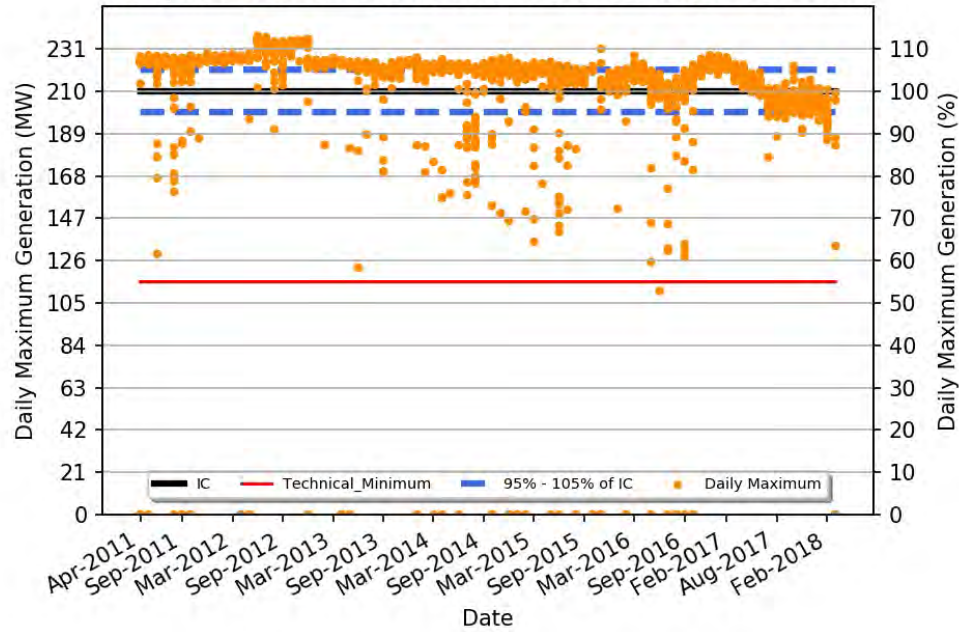


### VINDHYACHAL STPS UNIT - 3 210 MW

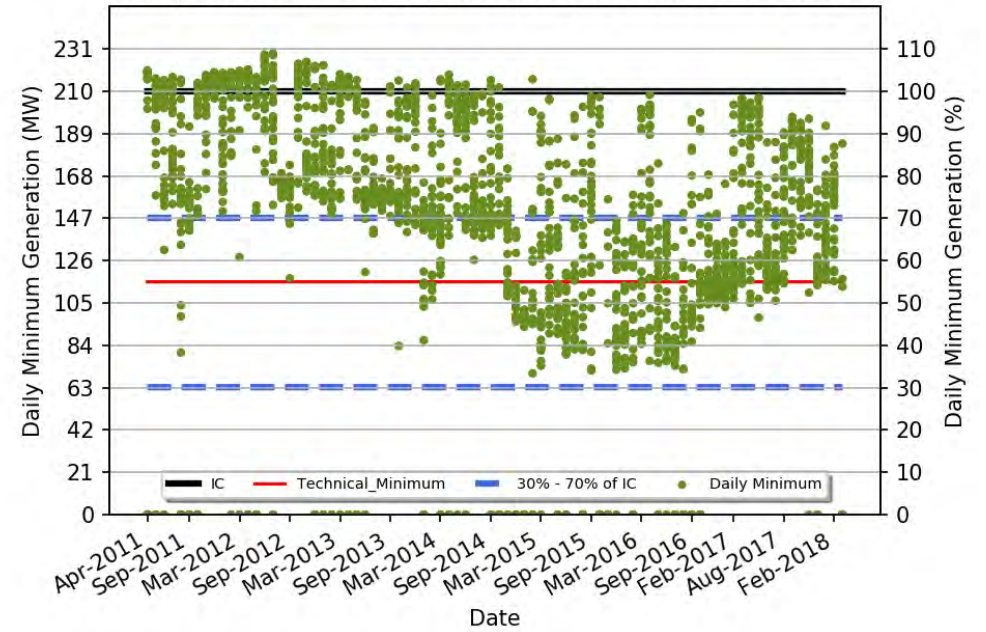
Region	: Western region
Number of Days Considered	: 2324
No. Of Days Max Generation Achieved	: 38 (%)
(% of total days in operation)	
No. Of Days Min Generation Achieved	: 36 (%)
(% of total days in operation)	
Average Flexibility	: 29 (%)
Average Daily Max (MW)	: 217
Daily Average (MW)	: 194
Average Daily Min (MW)	: 155
Average Daily Max/ IC (%)	: 103
Daily Average/IC (%)	: 92
Average Daily Min/IC (%)	: 74
Variable Charge (Paisa/kWh)	: 163
Number Of Beneficiaries	: 15



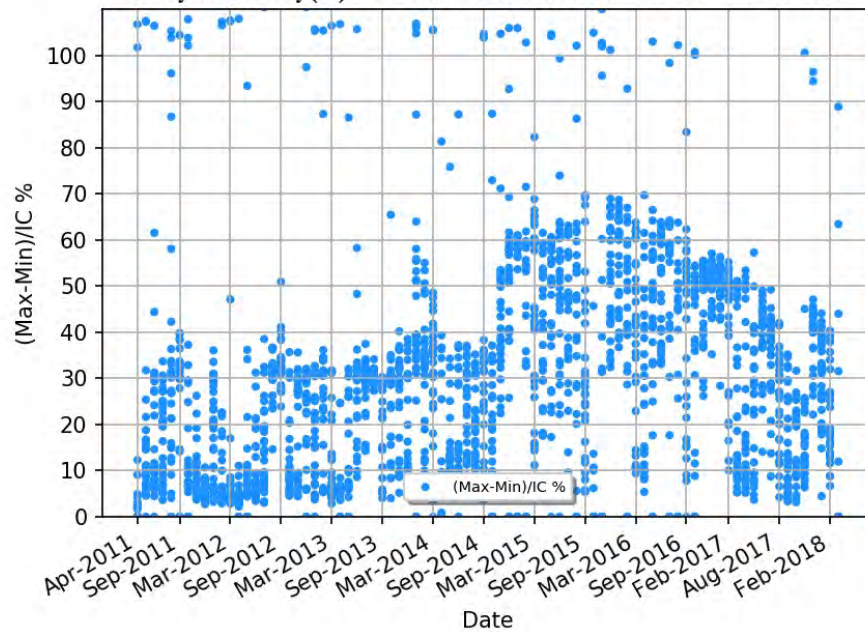
Daily Max Generation : VINDHYACHAL STPS UNIT - 4 210 MW



Daily Min Generation : VINDHYACHAL STPS UNIT - 4 210 MW



Daily Flexibility(%) : VINDHYACHAL STPS UNIT - 4 210 MW

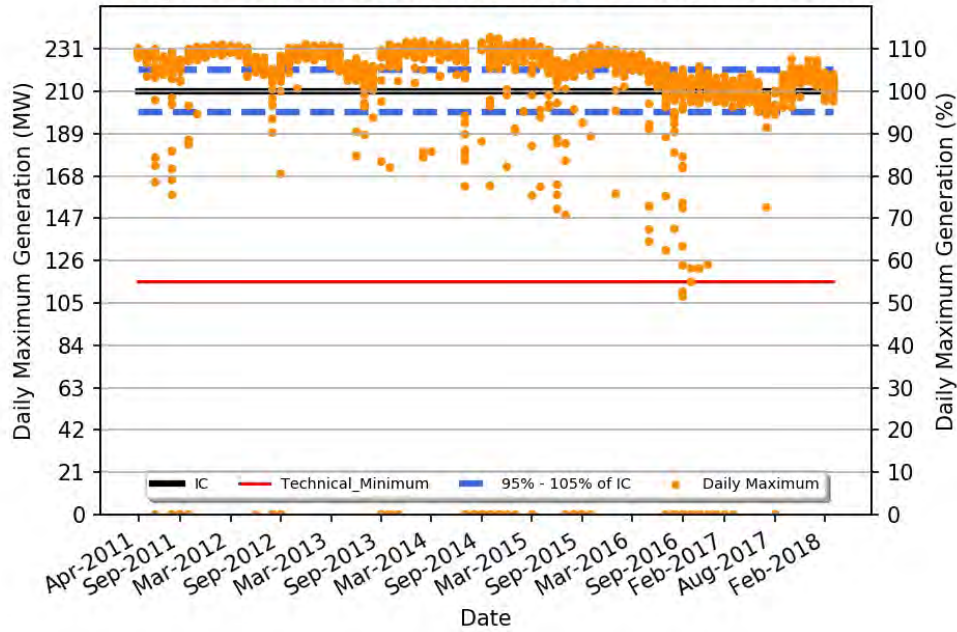


### VINDHYACHAL STPS UNIT - 4 210 MW

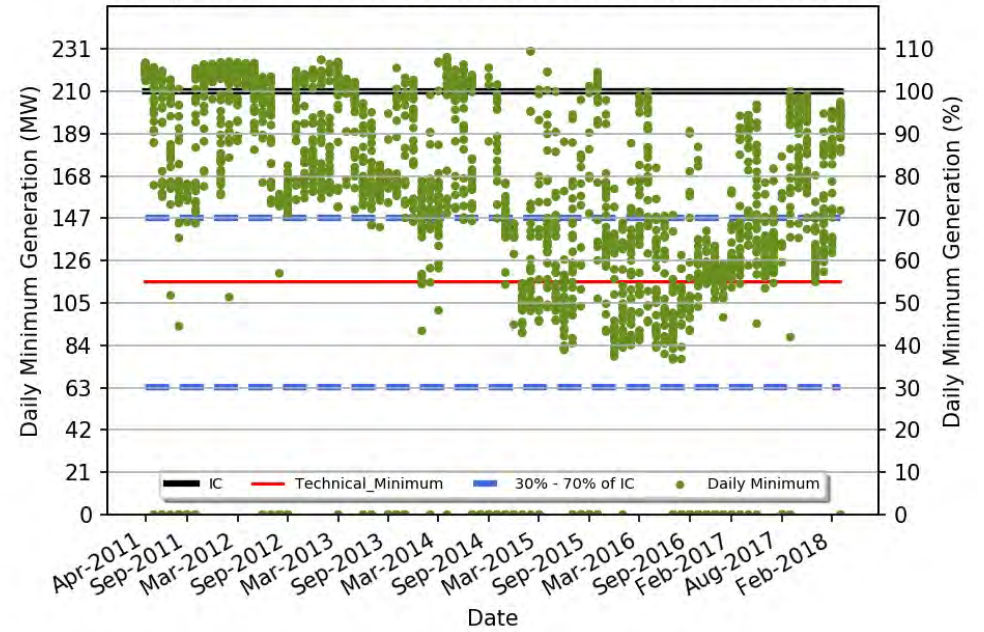
Region	: Western region
Number of Days Considered	: 2289
No. Of Days Max Generation Achieved	: 36 (%)
(% of total days in operation)	
No. Of Days Min Generation Achieved	: 36 (%)
(% of total days in operation)	
Average Flexibility	: 30 (%)
Average Daily Max (MW)	: 218
Daily Average (MW)	: 193
Average Daily Min (MW)	: 154
Average Daily Max/ IC (%)	: 103
Daily Average/IC (%)	: 92
Average Daily Min/IC (%)	: 73
Variable Charge (Paisa/kWh)	: 163
Number Of Beneficiaries	: 15



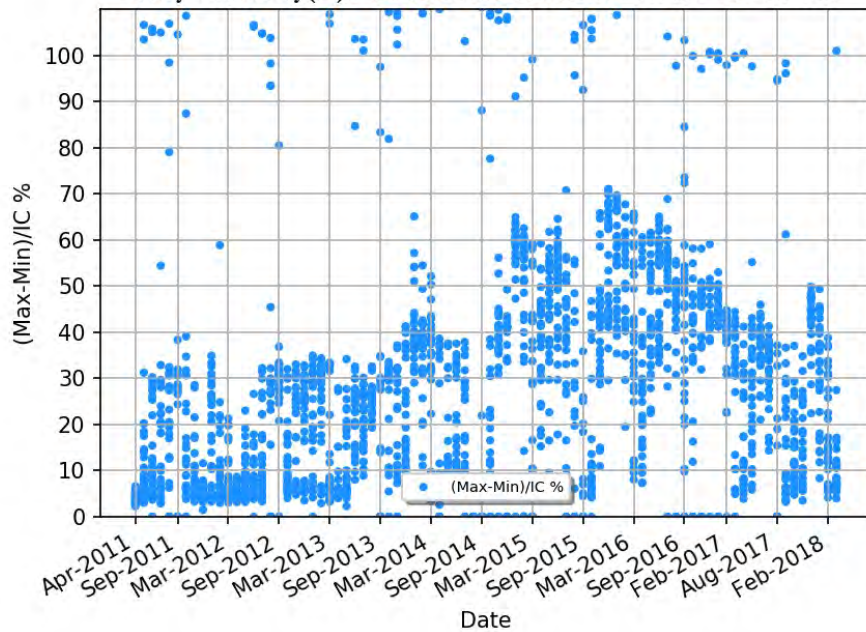
Daily Max Generation : VINDHYACHAL STPS UNIT - 5 210 MW



Daily Min Generation : VINDHYACHAL STPS UNIT - 5 210 MW



Daily Flexibility(%) : VINDHYACHAL STPS UNIT - 5 210 MW

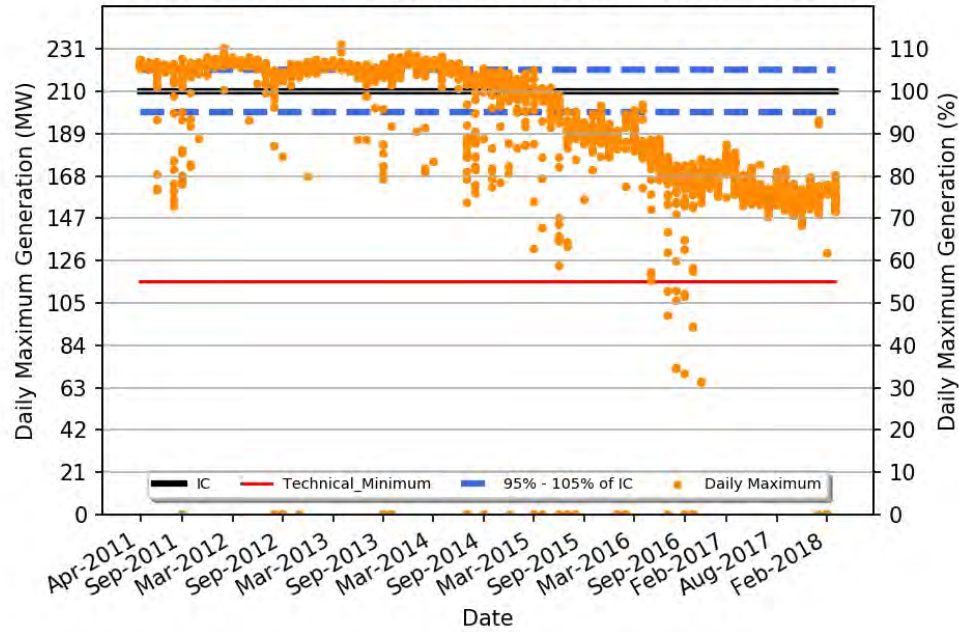


### VINDHYACHAL STPS UNIT - 5 210 MW

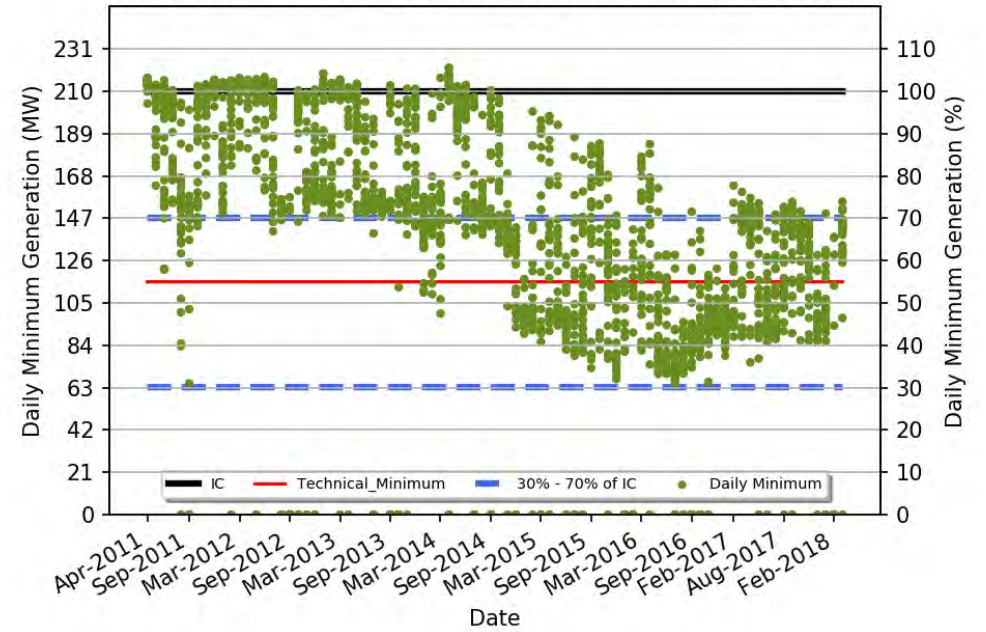
Region	: Western region
Number of Days Considered	: 2249
No. Of Days Max Generation Achieved	: 34 (%)
(% of total days in operation)	
No. Of Days Min Generation Achieved	: 32 (%)
(% of total days in operation)	
Average Flexibility	: 28 (%)
Average Daily Max (MW)	: 221
Daily Average (MW)	: 198
Average Daily Min (MW)	: 160
Average Daily Max/ IC (%)	: 105
Daily Average/IC (%)	: 94
Average Daily Min/IC (%)	: 76
Variable Charge (Paisa/kWh)	: 163
Number Of Beneficiaries	: 15



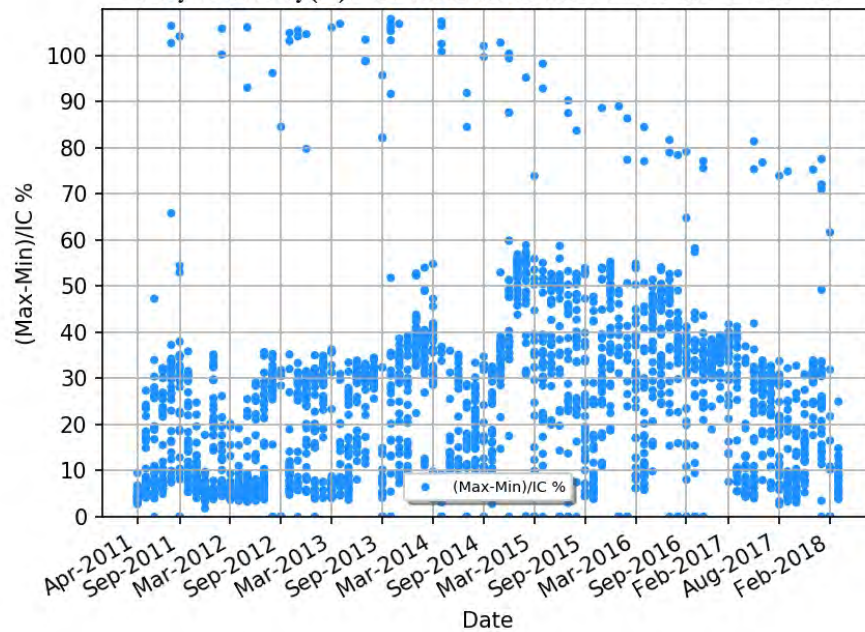
Daily Max Generation : VINDHYACHAL STPS UNIT - 6 210 MW



Daily Min Generation : VINDHYACHAL STPS UNIT - 6 210 MW



Daily Flexibility(%) : VINDHYACHAL STPS UNIT - 6 210 MW

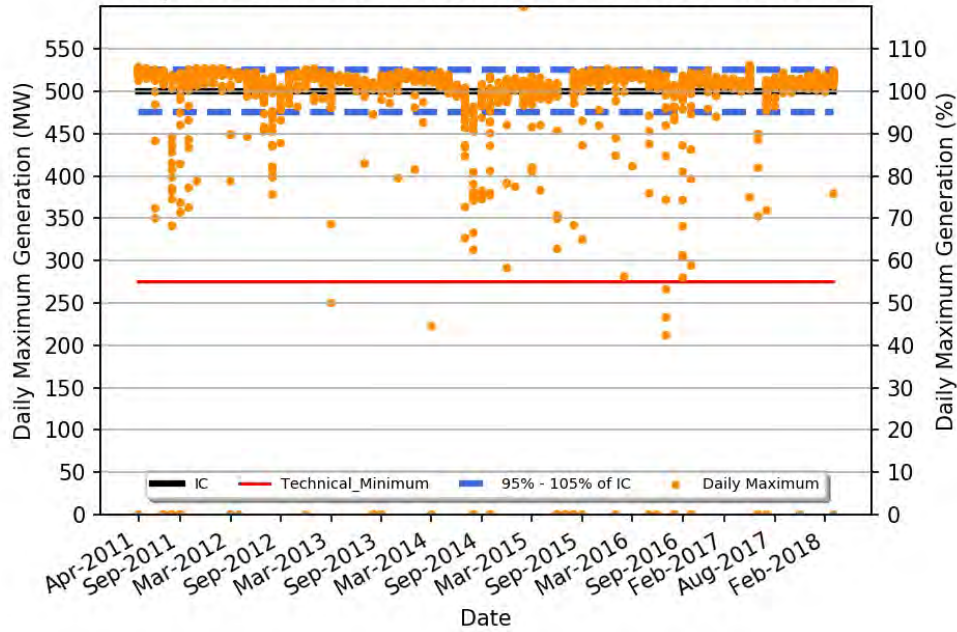


### VINDHYACHAL STPS UNIT - 6 210 MW

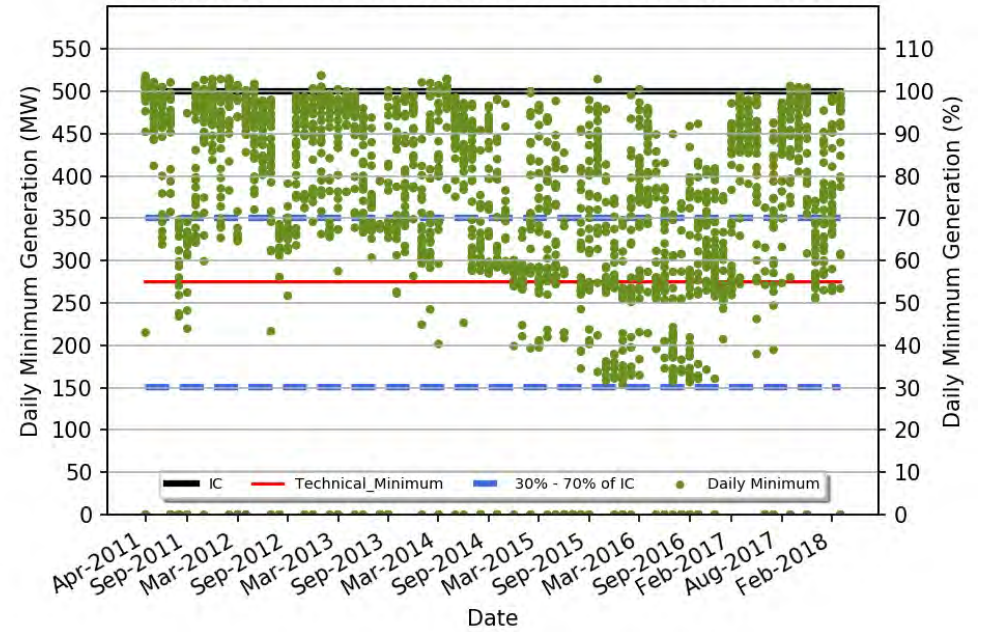
Region	: Western region
Number of Days Considered	: 2364
No. Of Days Max Generation Achieved	: 21 (%)
(% of total days in operation)	
No. Of Days Min Generation Achieved	: 45 (%)
(% of total days in operation)	
Average Flexibility	: 24 (%)
Average Daily Max (MW)	: 198
Daily Average (MW)	: 178
Average Daily Min (MW)	: 145
Average Daily Max/ IC (%)	: 94
Daily Average/IC (%)	: 84
Average Daily Min/IC (%)	: 69
Variable Charge (Paisa/kWh)	: 163
Number Of Beneficiaries	: 15



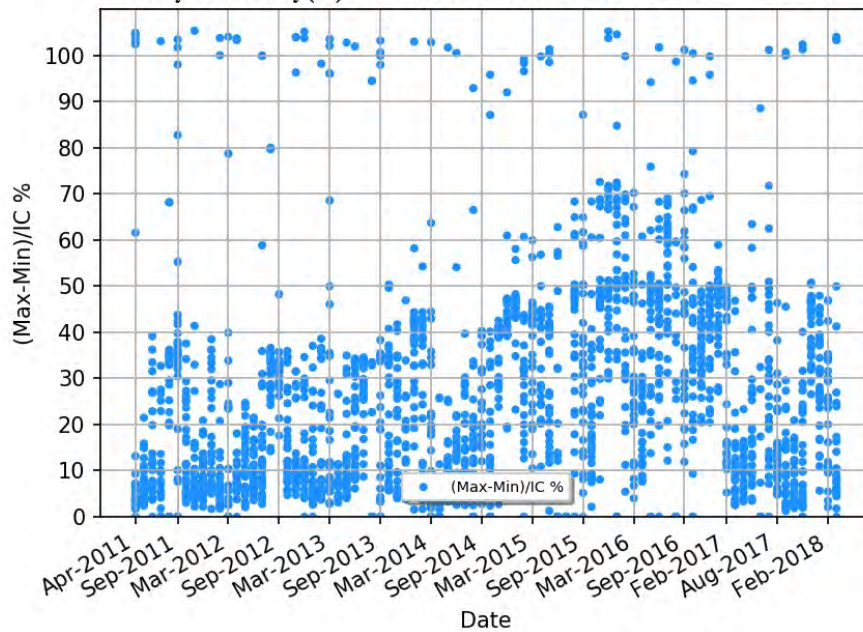
Daily Max Generation : VINDHYACHAL STPS UNIT - 7 500 MW



Daily Min Generation : VINDHYACHAL STPS UNIT - 7 500 MW



Daily Flexibility(%) : VINDHYACHAL STPS UNIT - 7 500 MW

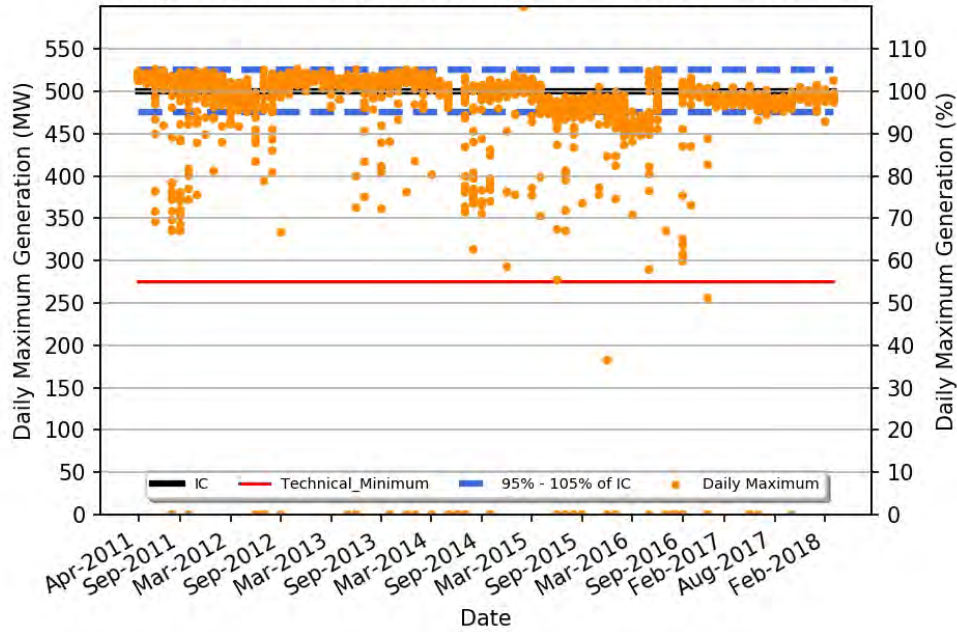


### VINDHYACHAL STPS UNIT - 7 500 MW

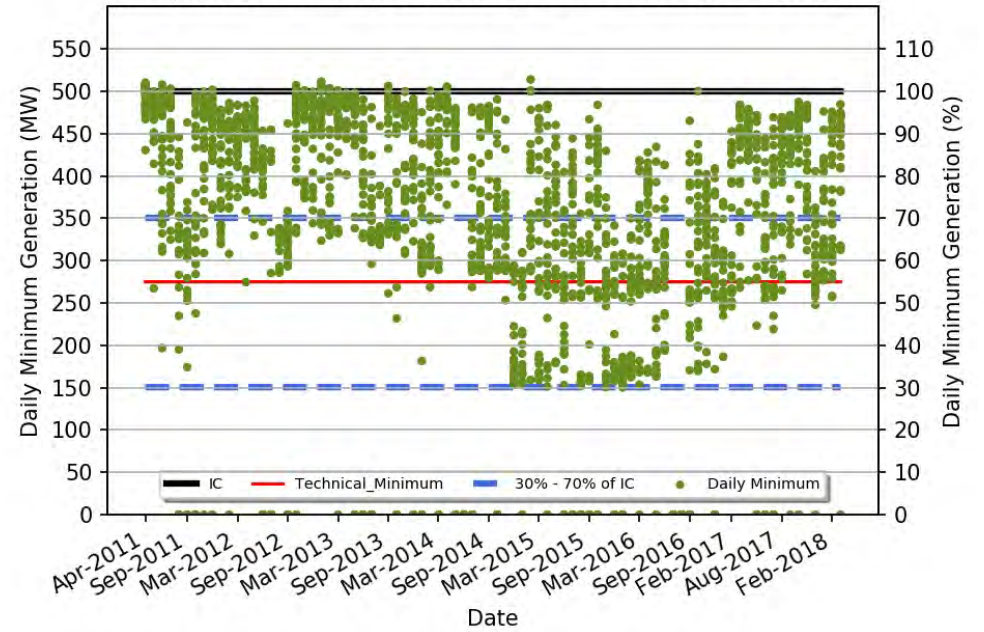
Region	: Western region
Number of Days Considered	: 2317
No. Of Days Max Generation Achieved	: 91 (%)
(% of total days in operation)	
No. Of Days Min Generation Achieved	: 36 (%)
(% of total days in operation)	
Average Flexibility	: 26 (%)
Average Daily Max (MW)	: 504
Daily Average (MW)	: 459
Average Daily Min (MW)	: 373
Average Daily Max/ IC (%)	: 100
Daily Average/IC (%)	: 91
Average Daily Min/IC (%)	: 74
Variable Charge (Paisa/kWh)	: 158
Number Of Beneficiaries	: 13



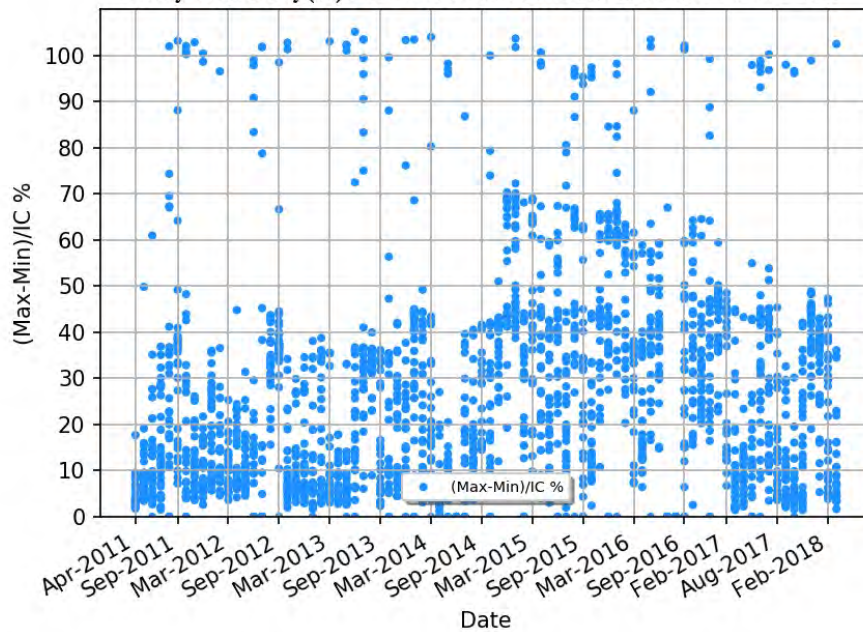
Daily Max Generation : VINDHYACHAL STPS UNIT - 8 500 MW



Daily Min Generation : VINDHYACHAL STPS UNIT - 8 500 MW



Daily Flexibility(%) : VINDHYACHAL STPS UNIT - 8 500 MW

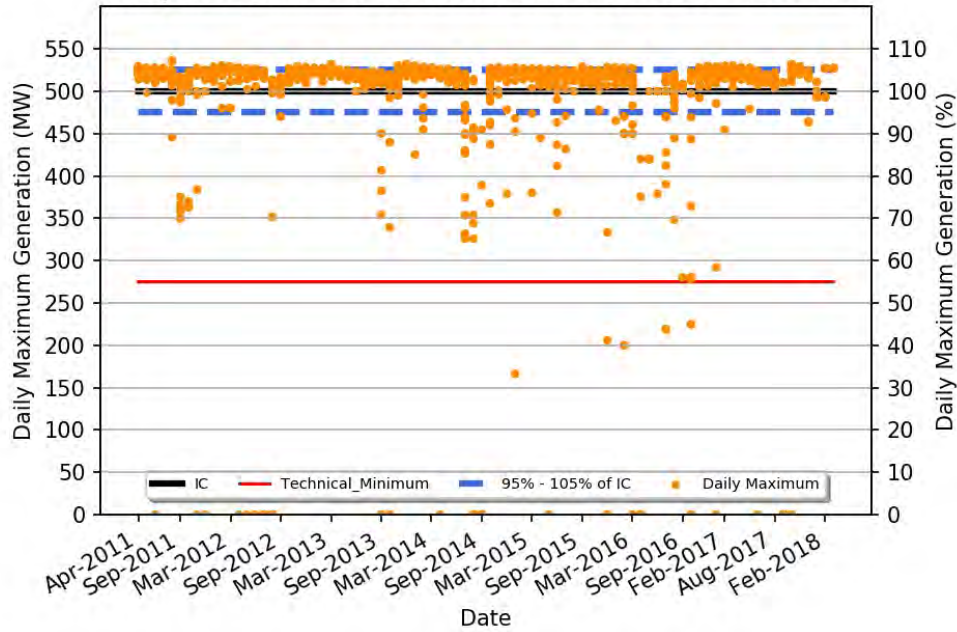


### VINDHYACHAL STPS UNIT - 8 500 MW

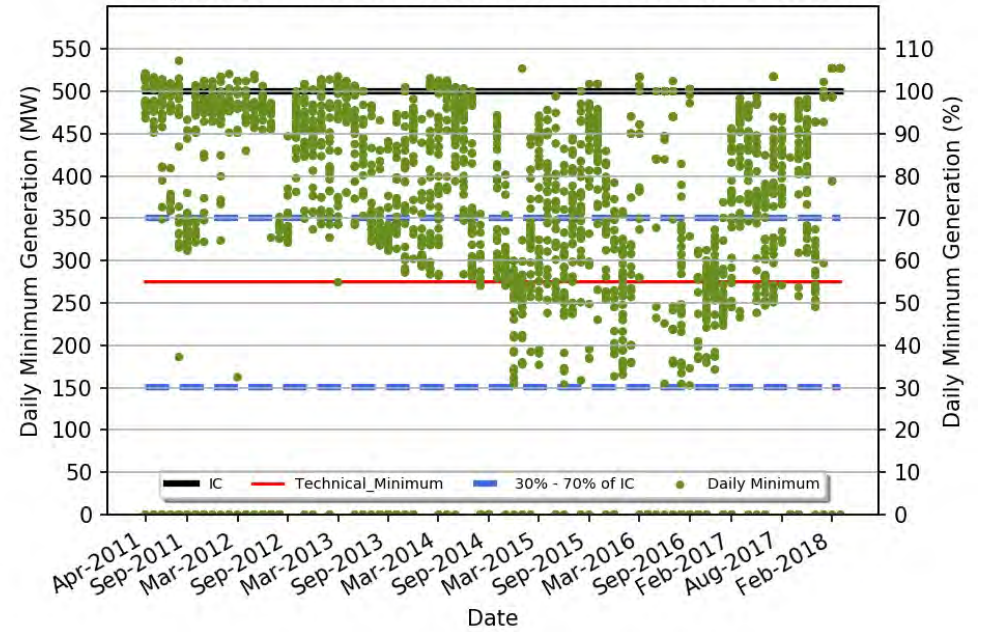
Region	: Western region
Number of Days Considered	: 2334
No. Of Days Max Generation Achieved	: 86 (%)
(% of total days in operation)	
No. Of Days Min Generation Achieved	: 40 (%)
(% of total days in operation)	
Average Flexibility	: 26 (%)
Average Daily Max (MW)	: 492
Daily Average (MW)	: 445
Average Daily Min (MW)	: 360
Average Daily Max/ IC (%)	: 98
Daily Average/IC (%)	: 89
Average Daily Min/IC (%)	: 72
Variable Charge (Paisa/kWh)	: 158
Number Of Beneficiaries	: 13



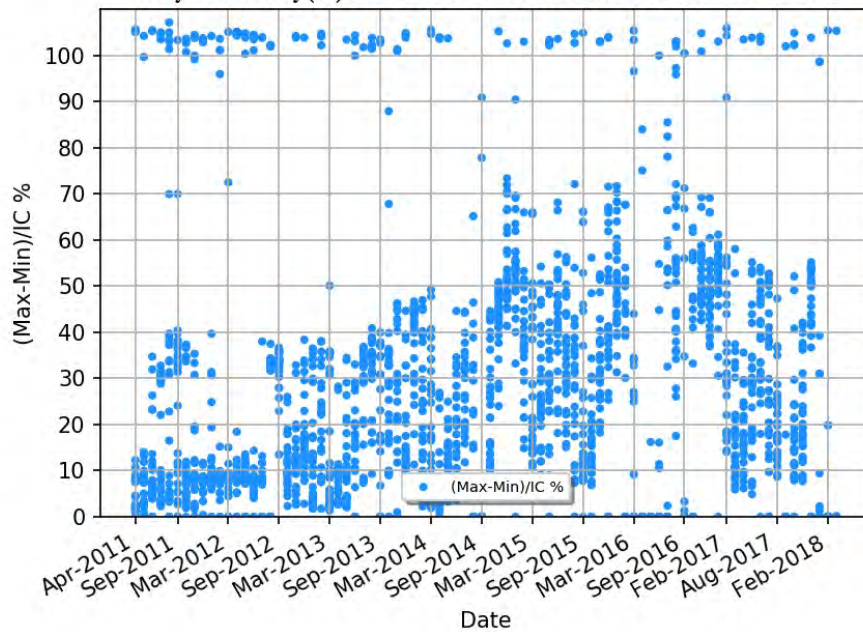
Daily Max Generation : VINDHYACHAL STPS UNIT - 9 500 MW



Daily Min Generation : VINDHYACHAL STPS UNIT - 9 500 MW



Daily Flexibility(%) : VINDHYACHAL STPS UNIT - 9 500 MW

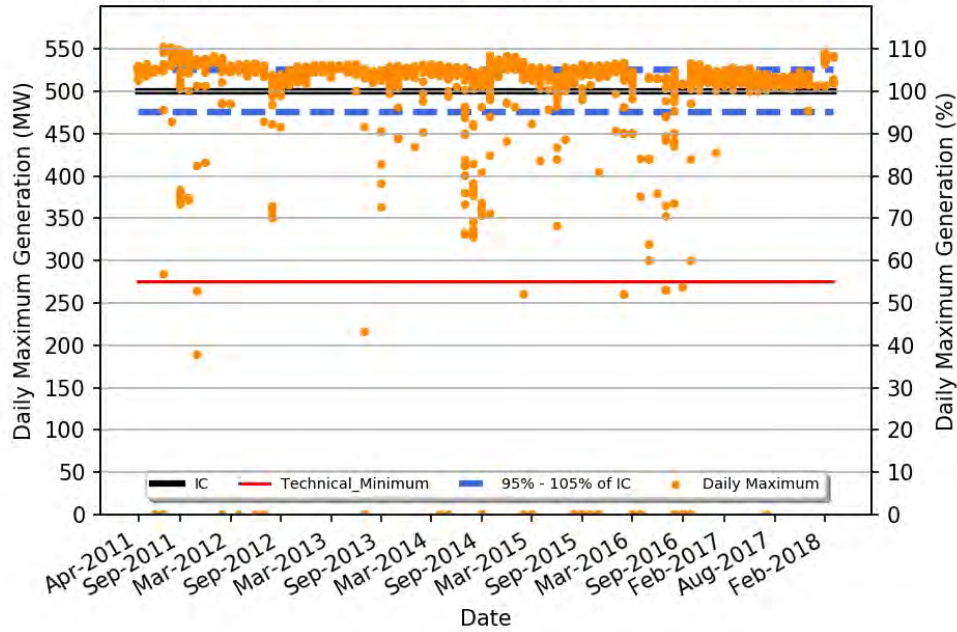


### VINDHYACHAL STPS UNIT - 9 500 MW

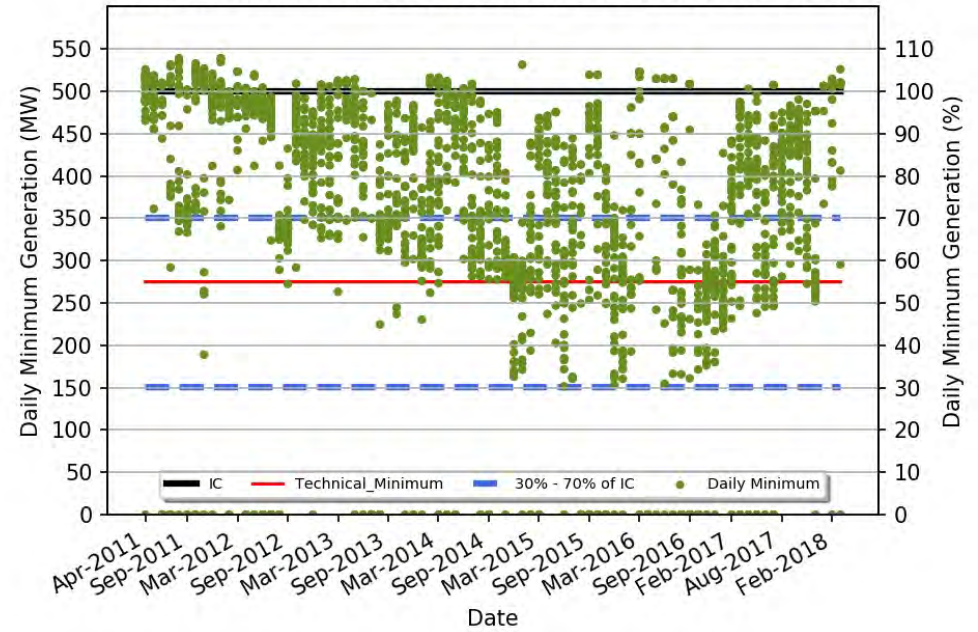
Region	: Western region
Number of Days Considered	: 2366
No. Of Days Max Generation Achieved	: 76 (%)
(% of total days in operation)	
No. Of Days Min Generation Achieved	: 31 (%)
(% of total days in operation)	
Average Flexibility	: 27 (%)
Average Daily Max (MW)	: 511
Daily Average (MW)	: 463
Average Daily Min (MW)	: 374
Average Daily Max/ IC (%)	: 102
Daily Average/IC (%)	: 92
Average Daily Min/IC (%)	: 74
Variable Charge (Paisa/kWh)	: 156
Number Of Beneficiaries	: 13



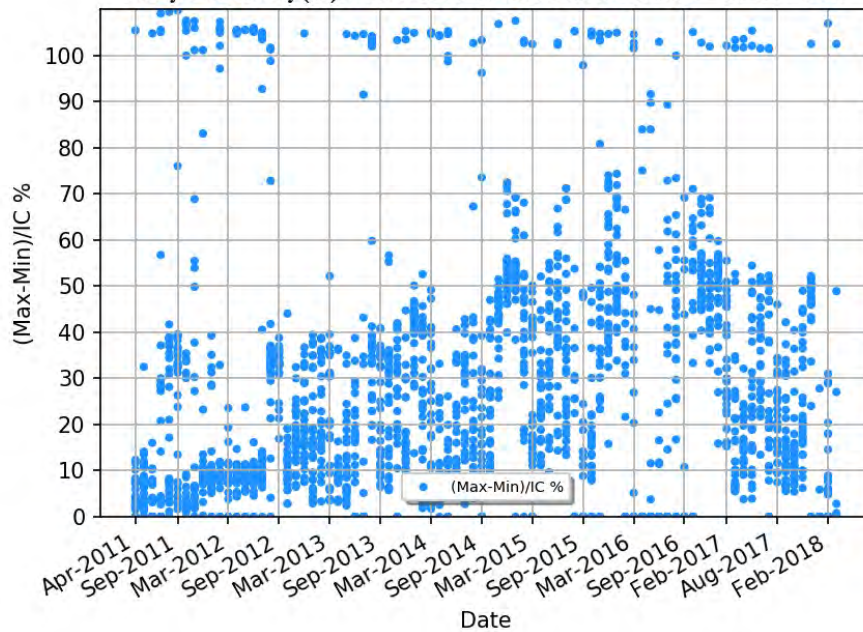
Daily Max Generation : VINDHYACHAL STPS UNIT - 10 500 MW



Daily Min Generation : VINDHYACHAL STPS UNIT - 10 500 MW



Daily Flexibility(%) : VINDHYACHAL STPS UNIT - 10 500 MW

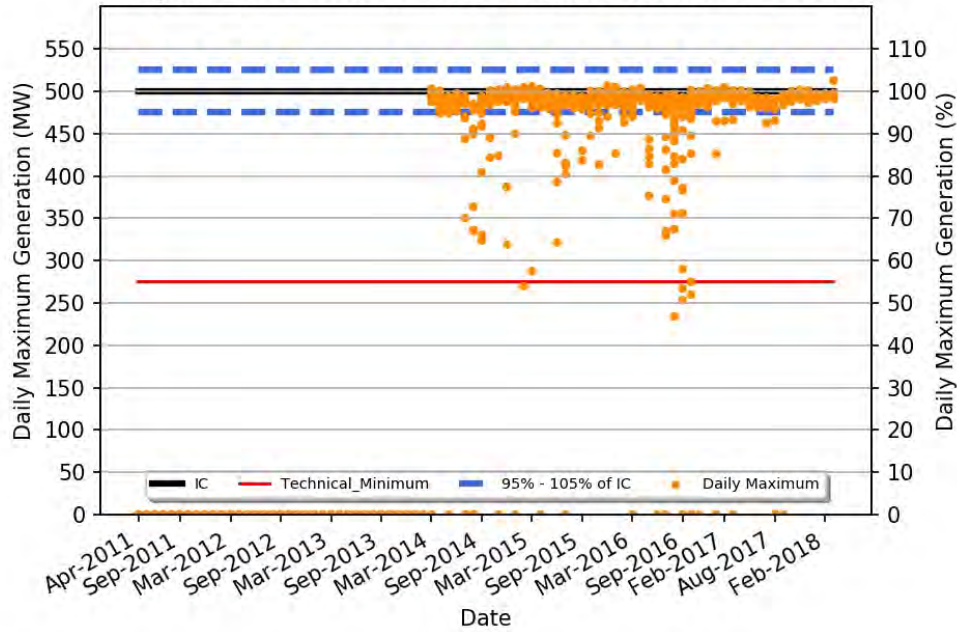


**VINDHYACHAL STPS UNIT - 10 500 MW**

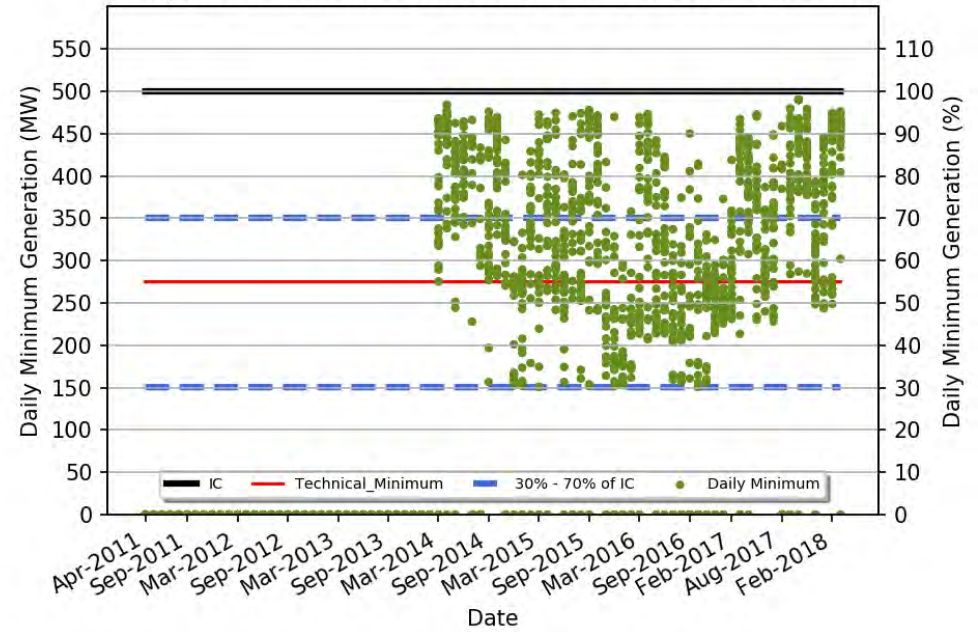
Region	: Western region
Number of Days Considered	: 2343
No. Of Days Max Generation Achieved	: 58 (%)
(% of total days in operation)	
No. Of Days Min Generation Achieved	: 31 (%)
(% of total days in operation)	
Average Flexibility	: 26 (%)
Average Daily Max (MW)	: 513
Daily Average (MW)	: 468
Average Daily Min (MW)	: 380
Average Daily Max/ IC (%)	: 102
Daily Average/IC (%)	: 93
Average Daily Min/IC (%)	: 76
Variable Charge (Paisa/kWh)	: 156
Number Of Beneficiaries	: 13



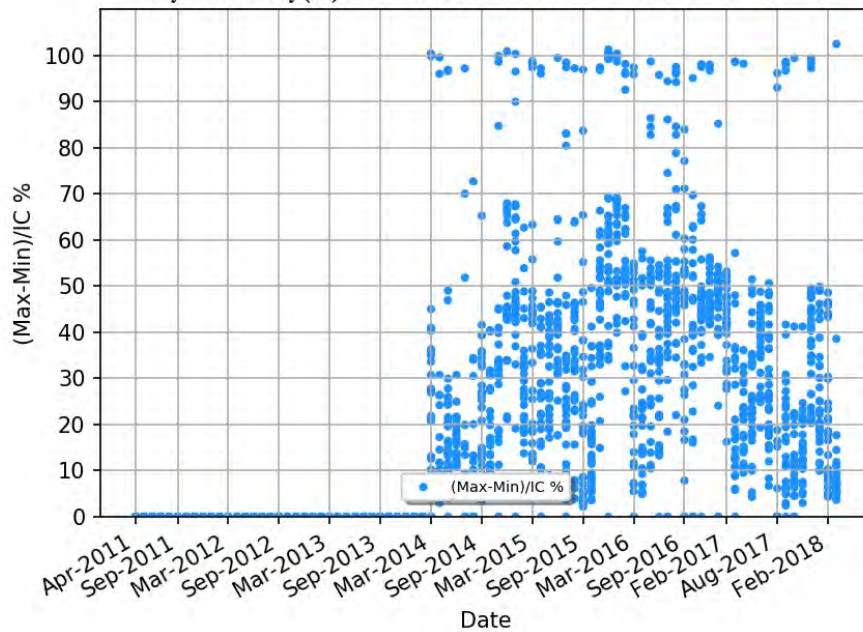
Daily Max Generation : VINDHYACHAL STPS UNIT - 11 500 MW



Daily Min Generation : VINDHYACHAL STPS UNIT - 11 500 MW



Daily Flexibility(%) : VINDHYACHAL STPS UNIT - 11 500 MW

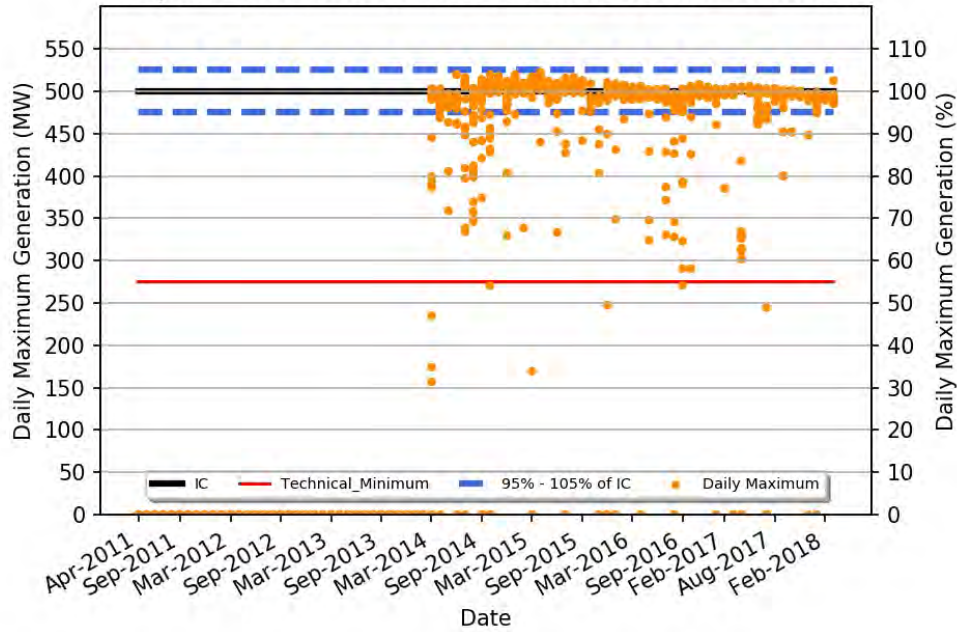


**VINDHYACHAL STPS UNIT - 11 500 MW**

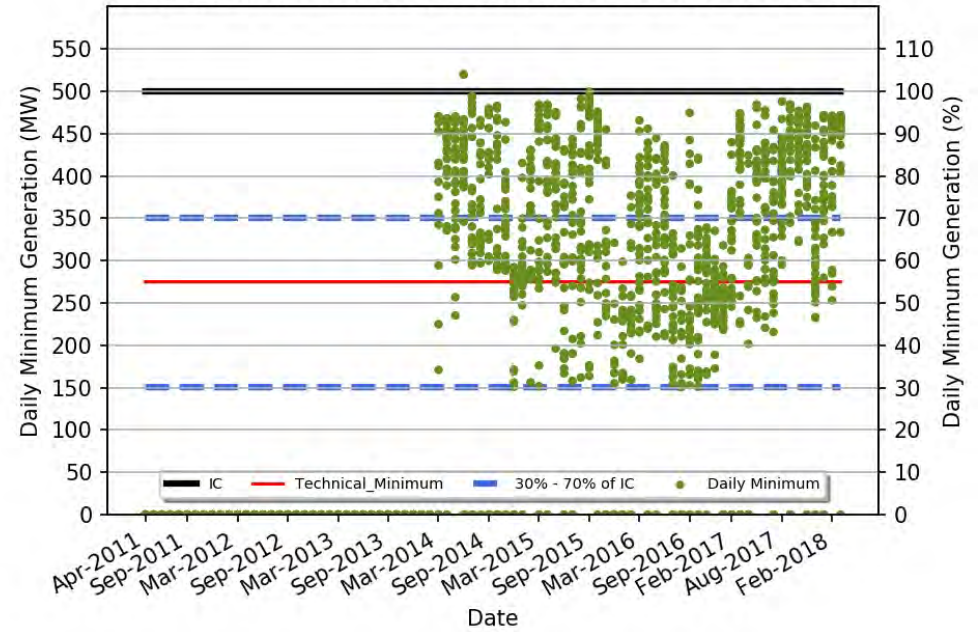
<b>Region</b>	<b>: Western region</b>
<b>Number of Days Considered</b>	<b>: 1379</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 93 (%)</b>
<i>(% of total days in operation)</i>	
<b>No. Of Days Min Generation Achieved</b>	<b>: 50 (%)</b>
<i>(% of total days in operation)</i>	
<b>Average Flexibility</b>	<b>: 34 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 487</b>
<b>Daily Average (MW)</b>	<b>: 428</b>
<b>Average Daily Min (MW)</b>	<b>: 313</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 97</b>
<b>Daily Average/IC (%)</b>	<b>: 85</b>
<b>Average Daily Min/IC (%)</b>	<b>: 62</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 154</b>
<b>Number Of Beneficiaries</b>	<b>: 12</b>



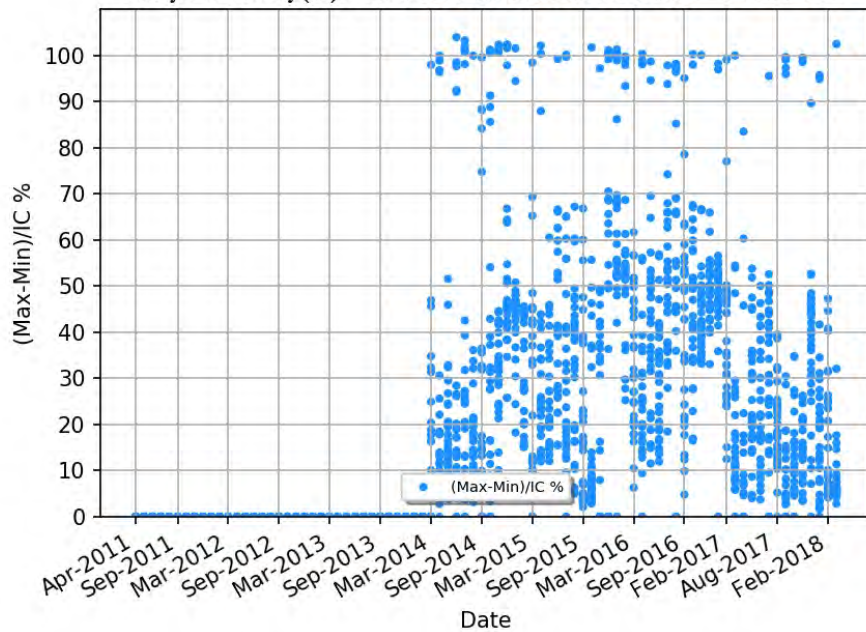
Daily Max Generation : VINDHYACHAL STPS UNIT - 12 500 MW



Daily Min Generation : VINDHYACHAL STPS UNIT - 12 500 MW



Daily Flexibility(%) : VINDHYACHAL STPS UNIT - 12 500 MW

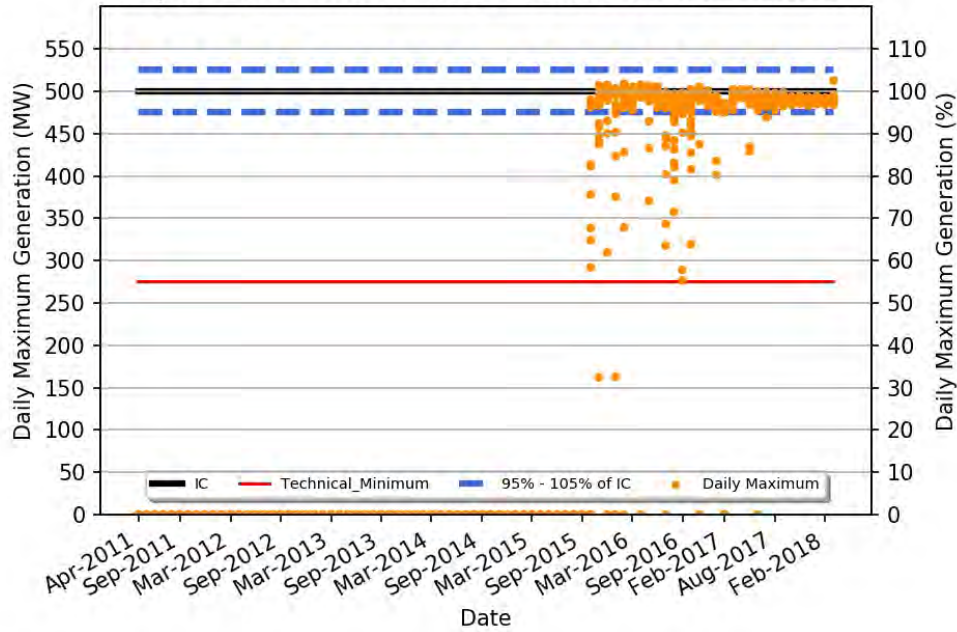


**VINDHYACHAL STPS UNIT - 12 500 MW**

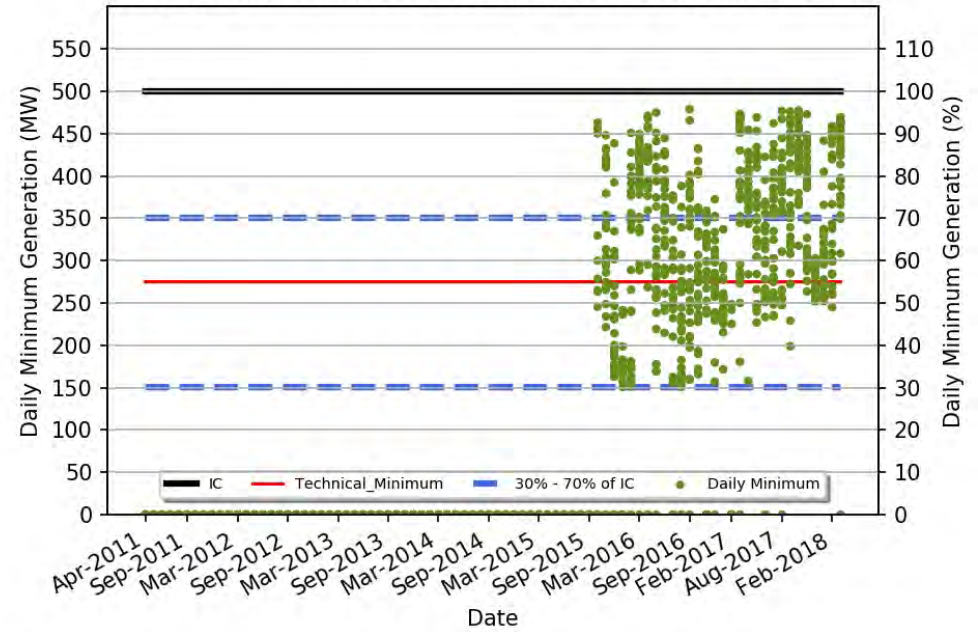
<b>Region</b>	<b>: Western region</b>
<b>Number of Days Considered</b>	<b>: 1360</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 91 (%)</b>
(% of total days in operation)	
<b>No. Of Days Min Generation Achieved</b>	<b>: 46 (%)</b>
(% of total days in operation)	
<b>Average Flexibility</b>	<b>: 33 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 491</b>
<b>Daily Average (MW)</b>	<b>: 434</b>
<b>Average Daily Min (MW)</b>	<b>: 324</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 98</b>
<b>Daily Average/IC (%)</b>	<b>: 86</b>
<b>Average Daily Min/IC (%)</b>	<b>: 64</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 154</b>
<b>Number Of Beneficiaries</b>	<b>: 12</b>



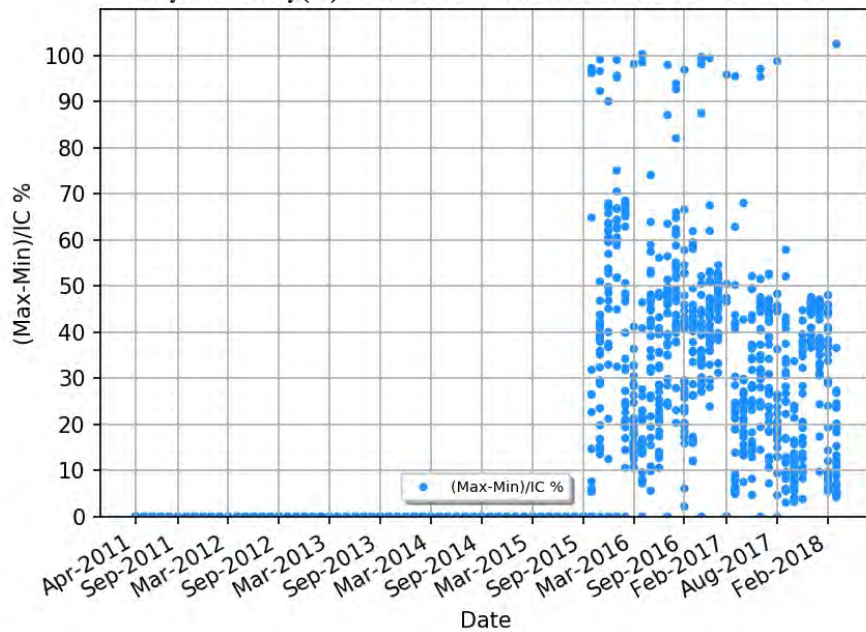
Daily Max Generation : VINDHYACHAL STPS UNIT - 13 500 MW



Daily Min Generation : VINDHYACHAL STPS UNIT - 13 500 MW



Daily Flexibility(%) : VINDHYACHAL STPS UNIT - 13 500 MW



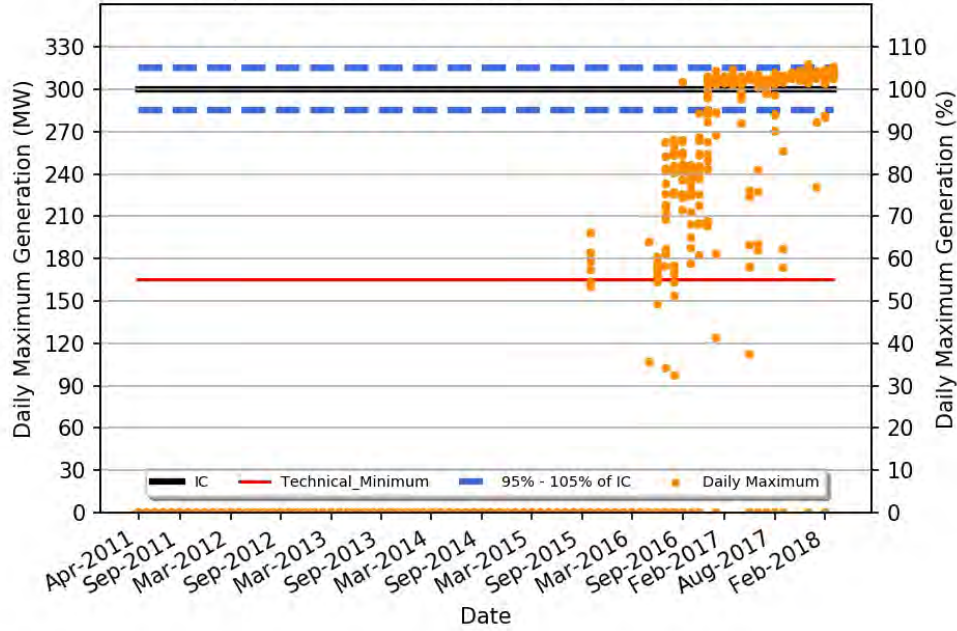
**VINDHYACHAL STPS UNIT - 13 500 MW**

<b>Region</b>	<b>: Western region</b>
<b>Number of Days Considered</b>	<b>: 831</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 93 (%)</b>
<i>(% of total days in operation)</i>	
<b>No. Of Days Min Generation Achieved</b>	<b>: 54 (%)</b>
<i>(% of total days in operation)</i>	
<b>Average Flexibility</b>	<b>: 34 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 487</b>
<b>Daily Average (MW)</b>	<b>: 428</b>
<b>Average Daily Min (MW)</b>	<b>: 316</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 97</b>
<b>Daily Average/IC (%)</b>	<b>: 85</b>
<b>Average Daily Min/IC (%)</b>	<b>: 63</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 156</b>
<b>Number Of Beneficiaries</b>	<b>: 12</b>

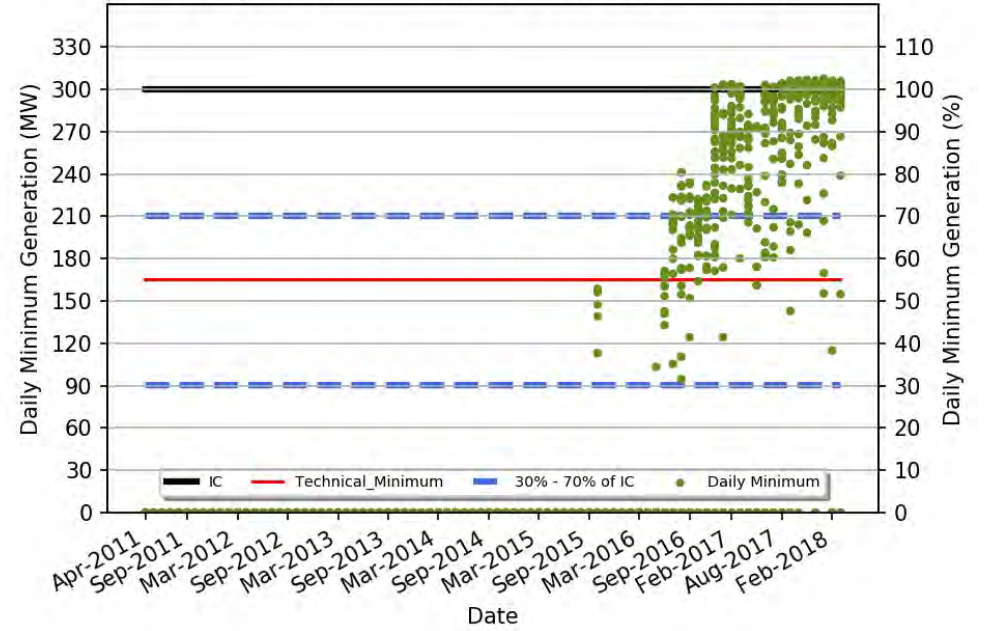
# INDEPENDENT POWER PRODUCERS (IPP-ISGS)



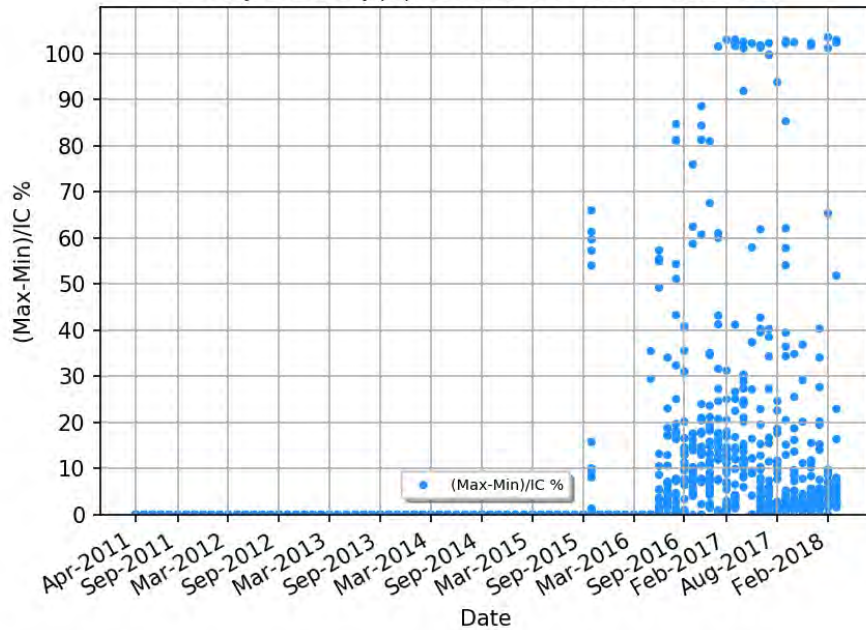
Daily Max Generation : ACBIL TPP UNIT - 1 300 MW



Daily Min Generation : ACBIL TPP UNIT - 1 300 MW



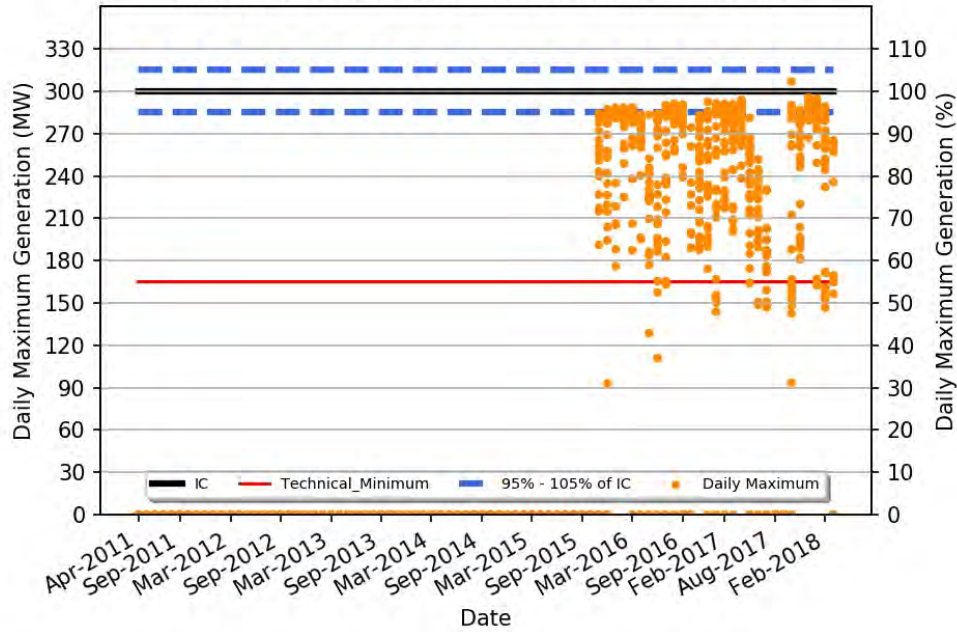
Daily Flexibility(%) : ACBIL TPP UNIT - 1 300 MW



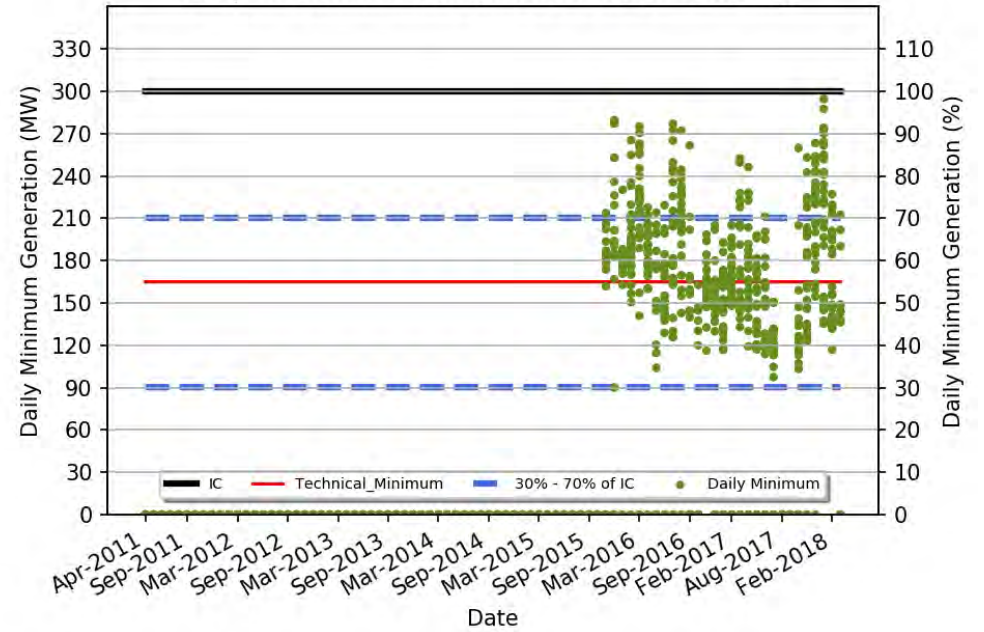
**ACBIL TPP UNIT - 1 300**

<b>Region</b>	<b>: Western Region</b>
<b>Number of Days Considered</b>	<b>: 571</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 69 (%)</b>
(% of total days in operation)	
<b>No. Of Days Min Generation Achieved</b>	<b>: 18 (%)</b>
(% of total days in operation)	
<b>Average Flexibility</b>	<b>: 15 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 284</b>
<b>Daily Average (MW)</b>	<b>: 269</b>
<b>Average Daily Min (MW)</b>	<b>: 236</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 94</b>
<b>Daily Average/IC (%)</b>	<b>: 89</b>
<b>Average Daily Min/IC (%)</b>	<b>: 78</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 160</b>

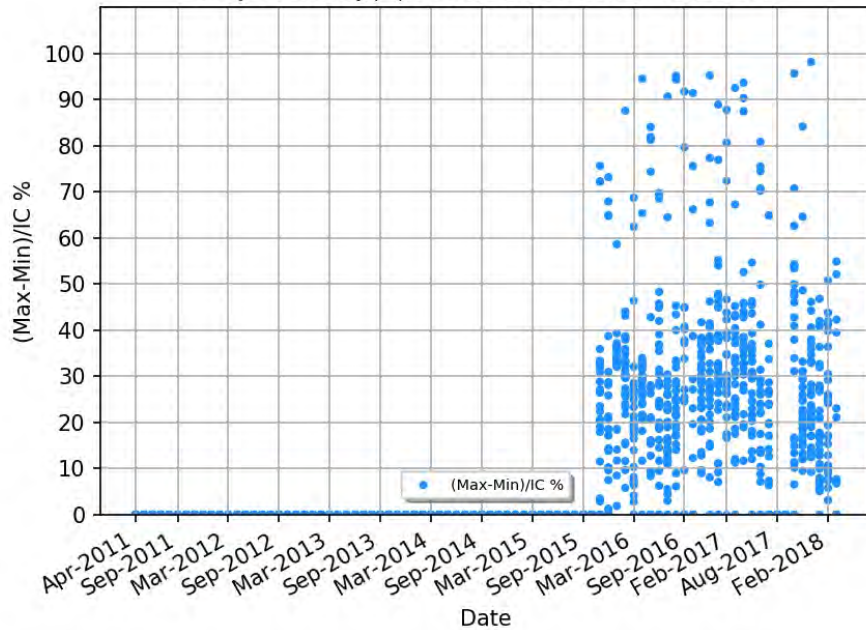
Daily Max Generation : BALCO TPS UNIT - 1 300 MW



Daily Min Generation : BALCO TPS UNIT - 1 300 MW



Daily Flexibility(%) : BALCO TPS UNIT - 1 300 MW

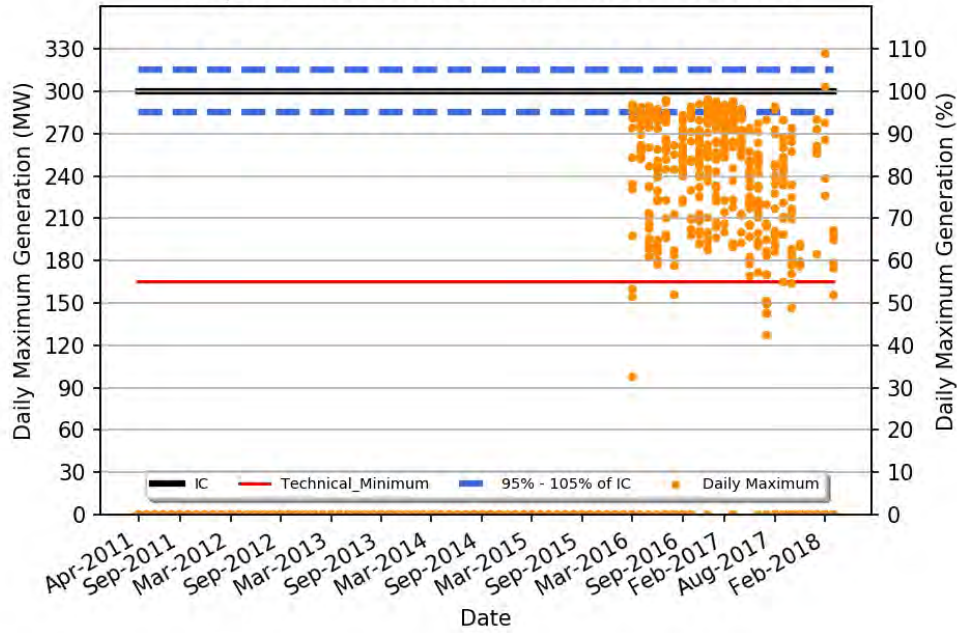


### BALCO TPS UNIT - 1 300

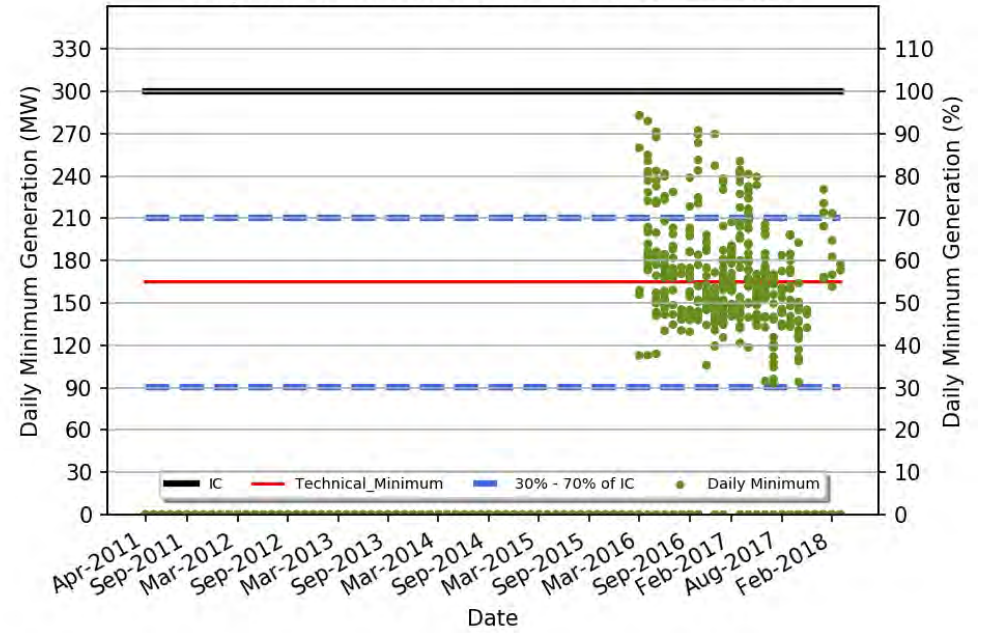
<b>Region</b>	<b>: Western Region</b>
<b>Number of Days Considered</b>	<b>: 673</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 19 (%)</b>
(% of total days in operation)	
<b>No. Of Days Min Generation Achieved</b>	<b>: 74 (%)</b>
(% of total days in operation)	
<b>Average Flexibility</b>	<b>: 28 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 252</b>
<b>Daily Average (MW)</b>	<b>: 215</b>
<b>Average Daily Min (MW)</b>	<b>: 166</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 84</b>
<b>Daily Average/IC (%)</b>	<b>: 71</b>
<b>Average Daily Min/IC (%)</b>	<b>: 55</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 307</b>



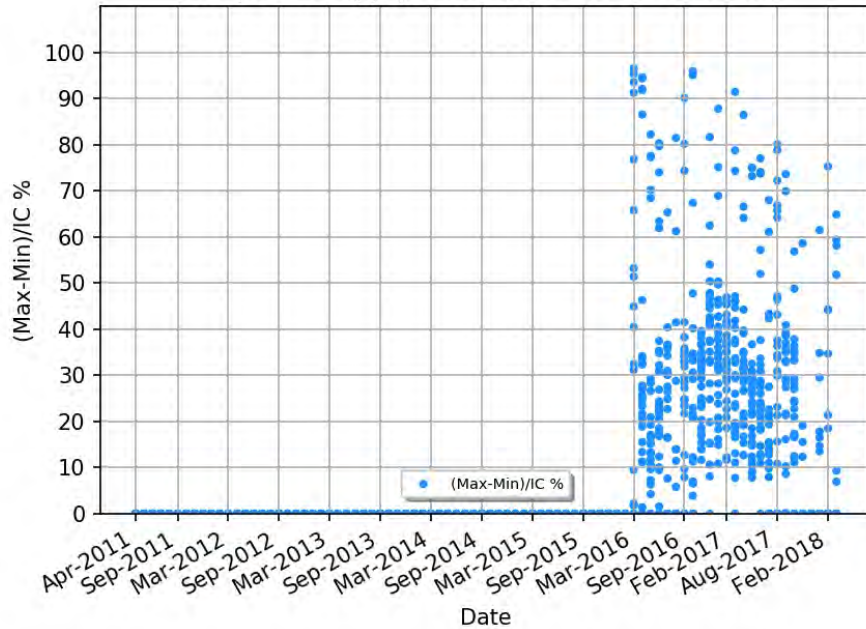
Daily Max Generation : BALCO TPS UNIT - 2 300 MW



Daily Min Generation : BALCO TPS UNIT - 2 300 MW



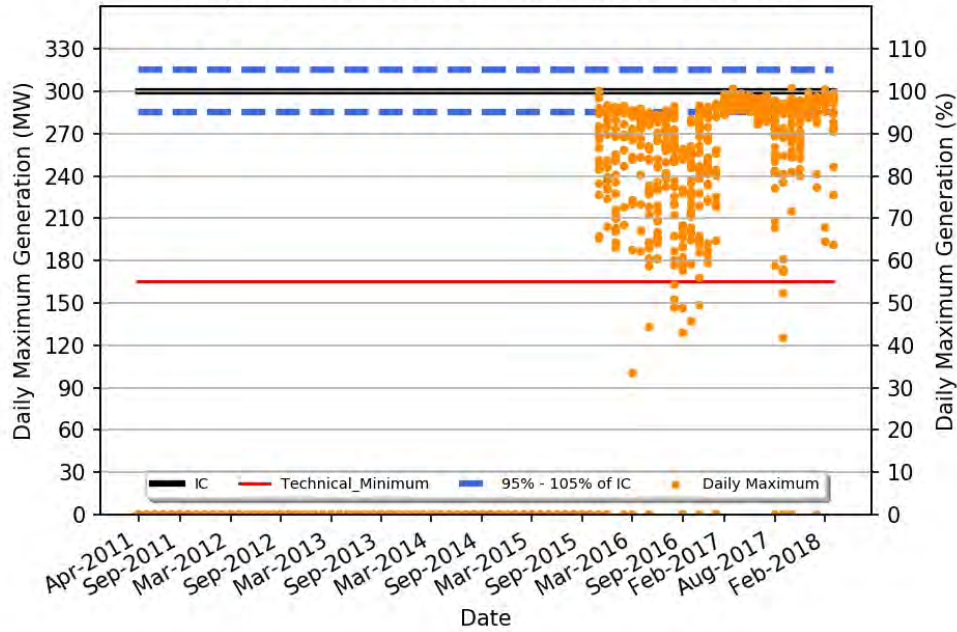
Daily Flexibility(%) : BALCO TPS UNIT - 2 300 MW



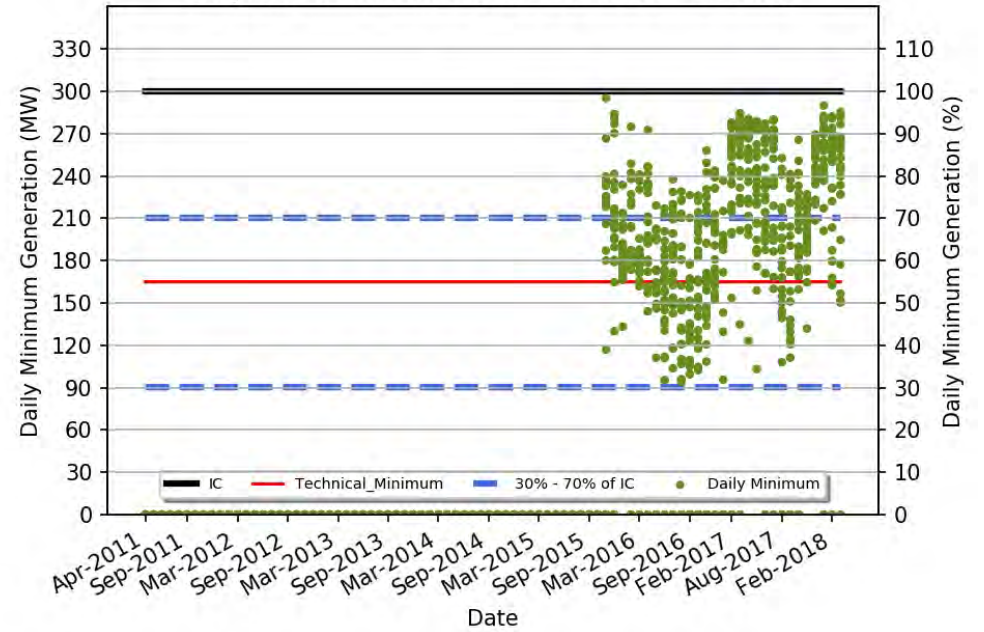
**BALCO TPS UNIT - 2 300**

<b>Region</b>	<b>: Western Region</b>
<b>Number of Days Considered</b>	<b>: 493</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 11 (%)</b>
<i>(% of total days in operation)</i>	
<b>No. Of Days Min Generation Achieved</b>	<b>: 78 (%)</b>
<i>(% of total days in operation)</i>	
<b>Average Flexibility</b>	<b>: 30 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 245</b>
<b>Daily Average (MW)</b>	<b>: 205</b>
<b>Average Daily Min (MW)</b>	<b>: 153</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 81</b>
<b>Daily Average/IC (%)</b>	<b>: 68</b>
<b>Average Daily Min/IC (%)</b>	<b>: 51</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 307</b>

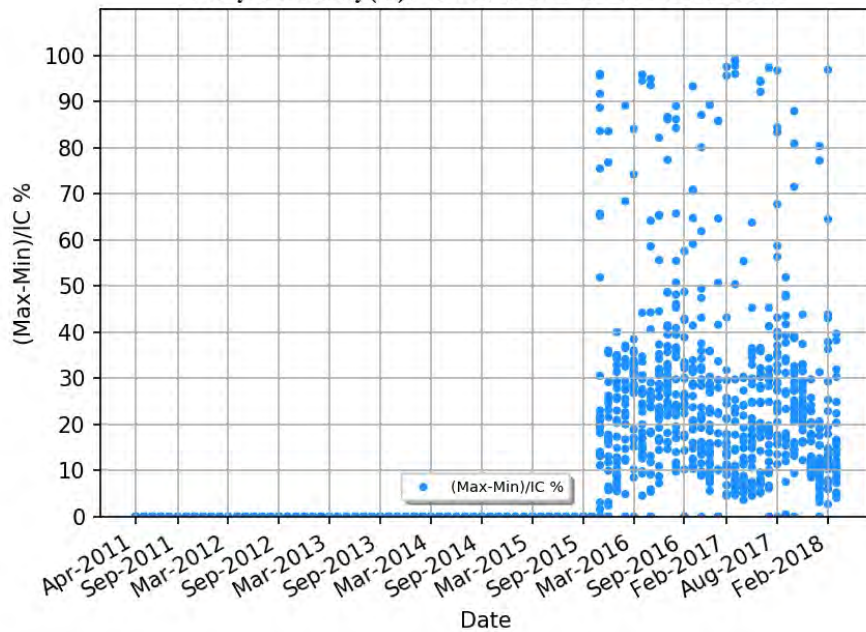
Daily Max Generation : BALCO TPS UNIT - 3 300 MW



Daily Min Generation : BALCO TPS UNIT - 3 300 MW



Daily Flexibility(%) : BALCO TPS UNIT - 3 300 MW

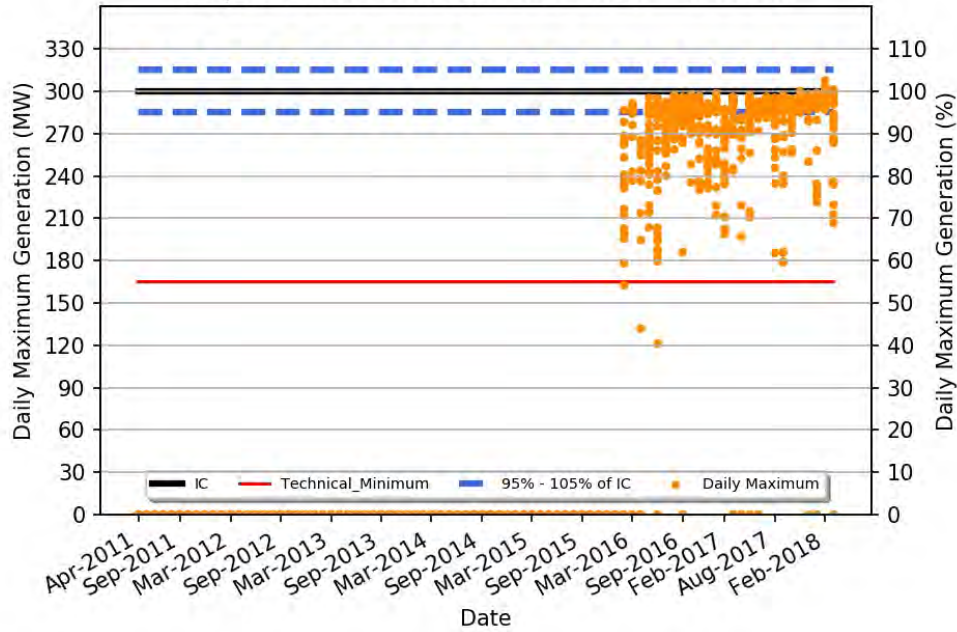


**BALCO TPS UNIT - 3 300**

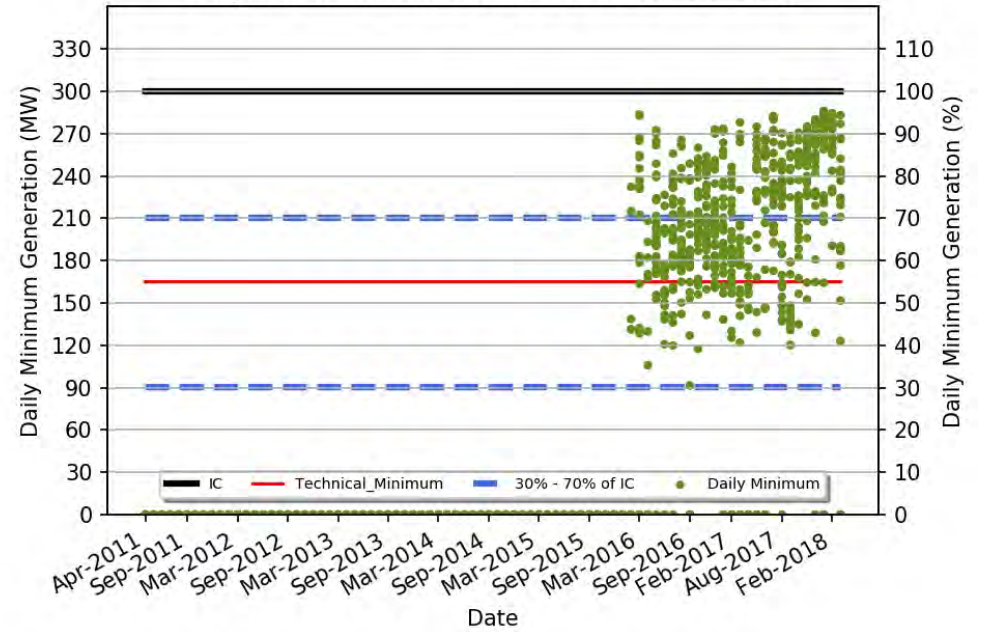
<b>Region</b>	<b>: Western Region</b>
<b>Number of Days Considered</b>	<b>: 798</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 44 (%)</b>
(% of total days in operation)	
<b>No. Of Days Min Generation Achieved</b>	<b>: 47 (%)</b>
(% of total days in operation)	
<b>Average Flexibility</b>	<b>: 25 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 268</b>
<b>Daily Average (MW)</b>	<b>: 239</b>
<b>Average Daily Min (MW)</b>	<b>: 192</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 89</b>
<b>Daily Average/IC (%)</b>	<b>: 79</b>
<b>Average Daily Min/IC (%)</b>	<b>: 64</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 307</b>



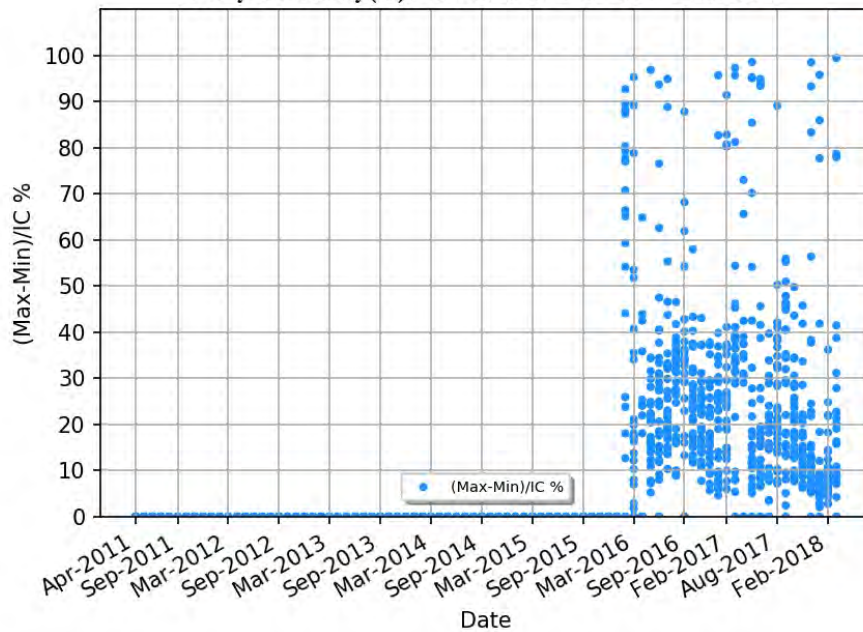
Daily Max Generation : BALCO TPS UNIT - 4 300 MW



Daily Min Generation : BALCO TPS UNIT - 4 300 MW



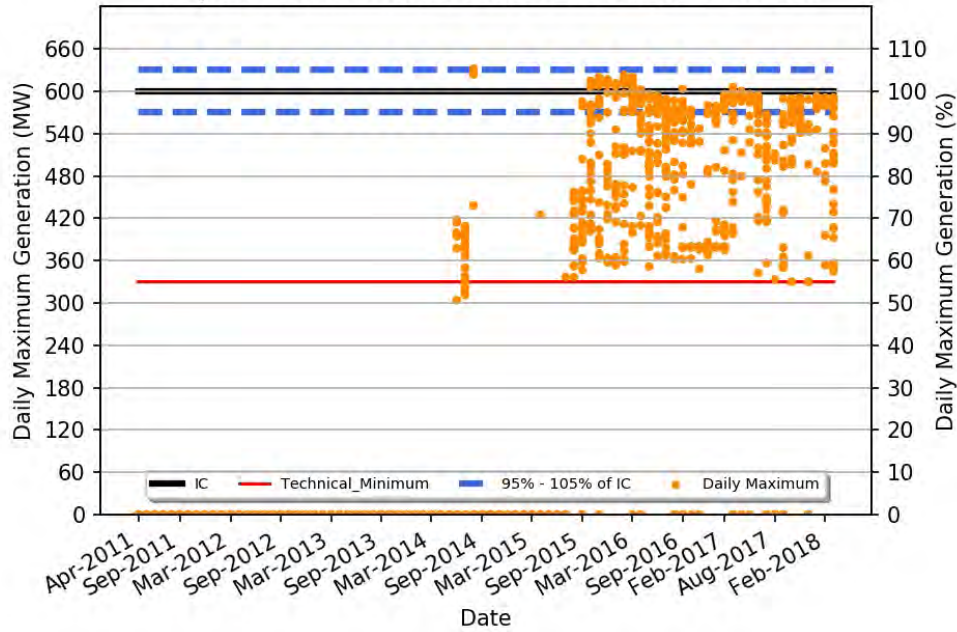
Daily Flexibility(%) : BALCO TPS UNIT - 4 300 MW



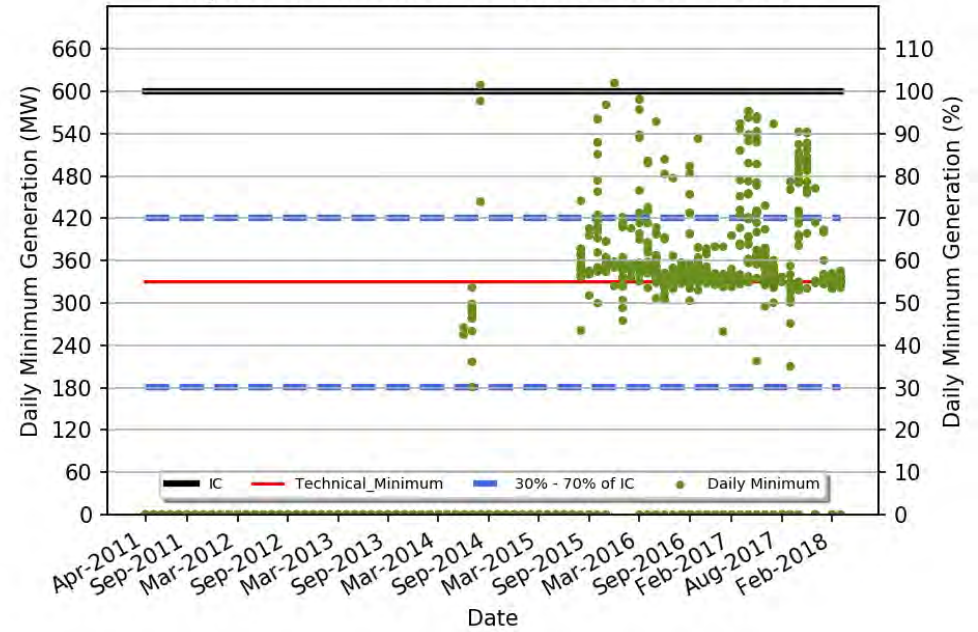
**BALCO TPS UNIT - 4 300**

<b>Region</b>	<b>: Western Region</b>
<b>Number of Days Considered</b>	<b>: 689</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 54 (%)</b>
(% of total days in operation)	
<b>No. Of Days Min Generation Achieved</b>	<b>: 43 (%)</b>
(% of total days in operation)	
<b>Average Flexibility</b>	<b>: 25 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 277</b>
<b>Daily Average (MW)</b>	<b>: 247</b>
<b>Average Daily Min (MW)</b>	<b>: 199</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 92</b>
<b>Daily Average/IC (%)</b>	<b>: 82</b>
<b>Average Daily Min/IC (%)</b>	<b>: 66</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 307</b>

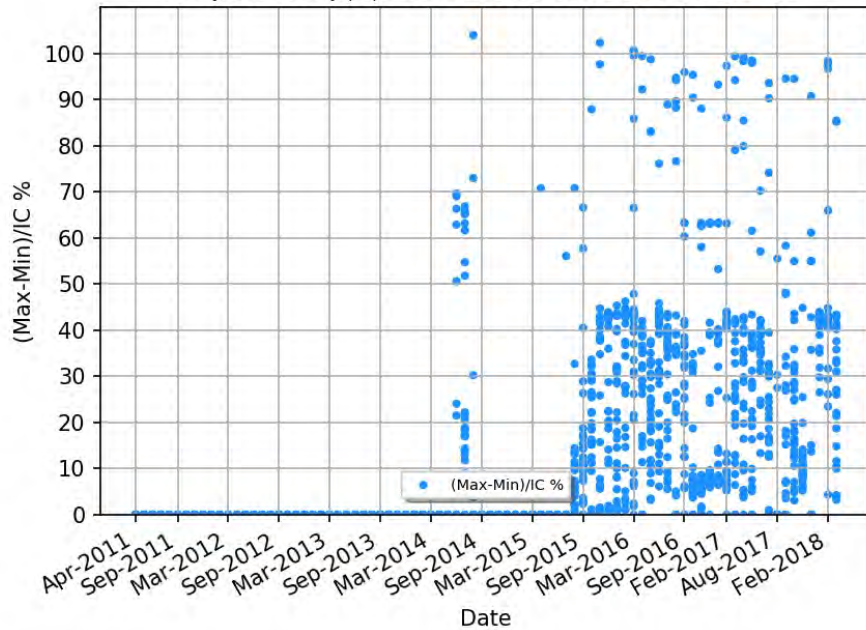
Daily Max Generation : DB POWER TPS UNIT - 1 600 MW



Daily Min Generation : DB POWER TPS UNIT - 1 600 MW



Daily Flexibility(%) : DB POWER TPS UNIT - 1 600 MW

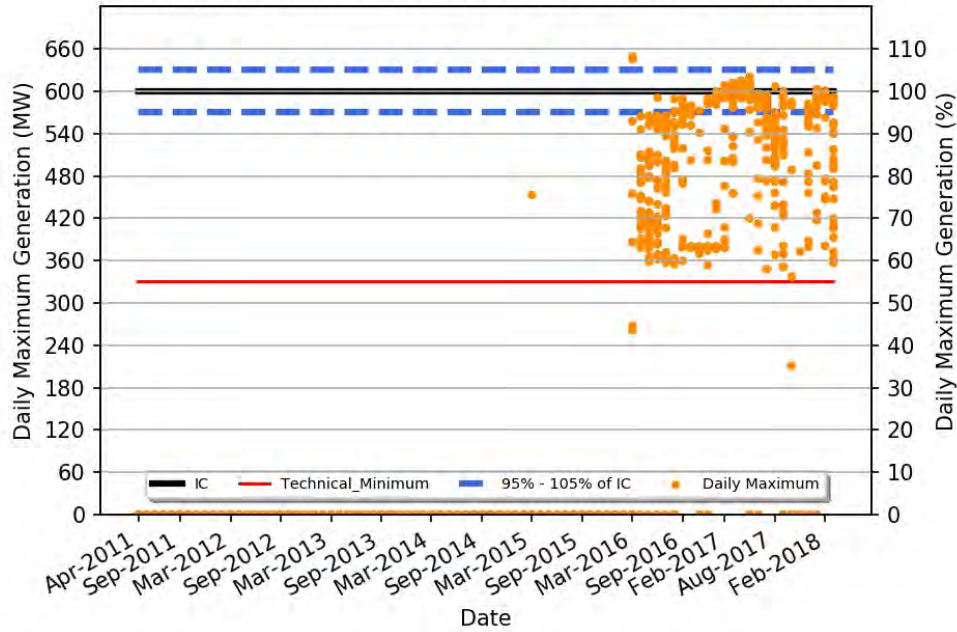


**DB POWER TPS UNIT - 1 600**

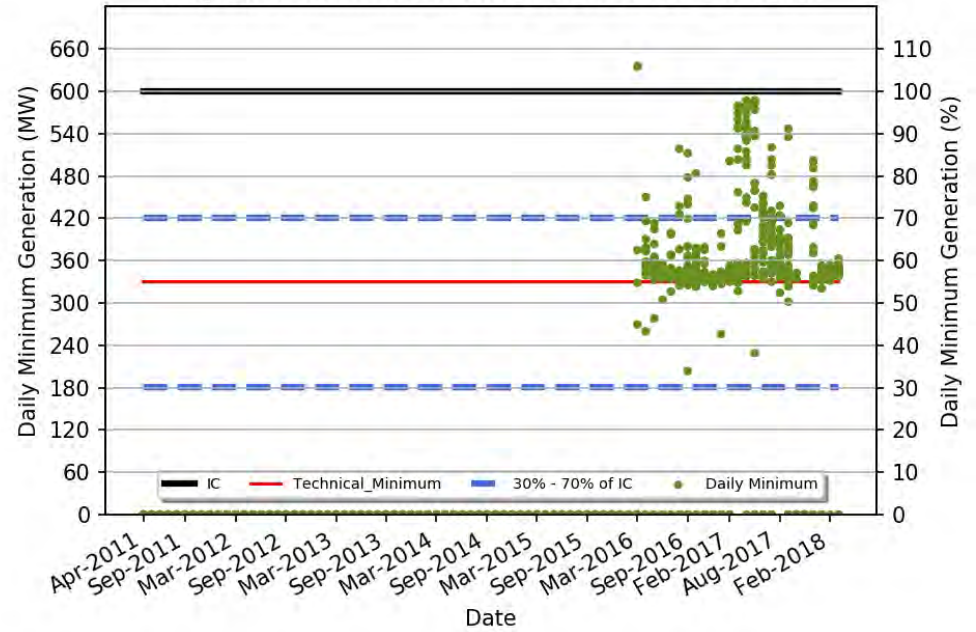
<b>Region</b>	<b>: Western Region</b>
<b>Number of Days Considered</b>	<b>: 877</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 39 (%)</b>
(% of total days in operation)	
<b>No. Of Days Min Generation Achieved</b>	<b>: 77 (%)</b>
(% of total days in operation)	
<b>Average Flexibility</b>	<b>: 27 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 504</b>
<b>Daily Average (MW)</b>	<b>: 428</b>
<b>Average Daily Min (MW)</b>	<b>: 337</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 84</b>
<b>Daily Average/IC (%)</b>	<b>: 71</b>
<b>Average Daily Min/IC (%)</b>	<b>: 56</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 226</b>



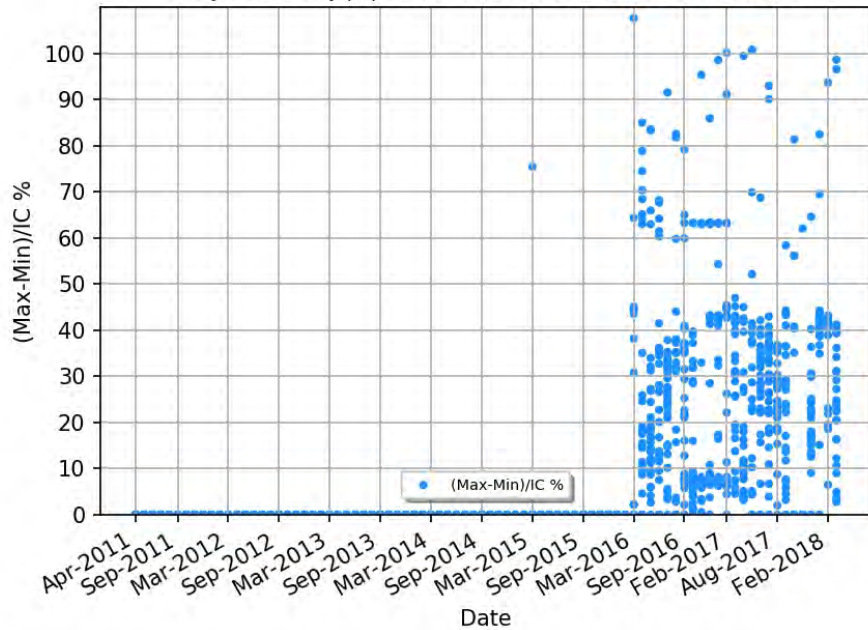
Daily Max Generation : DB POWER TPS UNIT - 2 600 MW



Daily Min Generation : DB POWER TPS UNIT - 2 600 MW



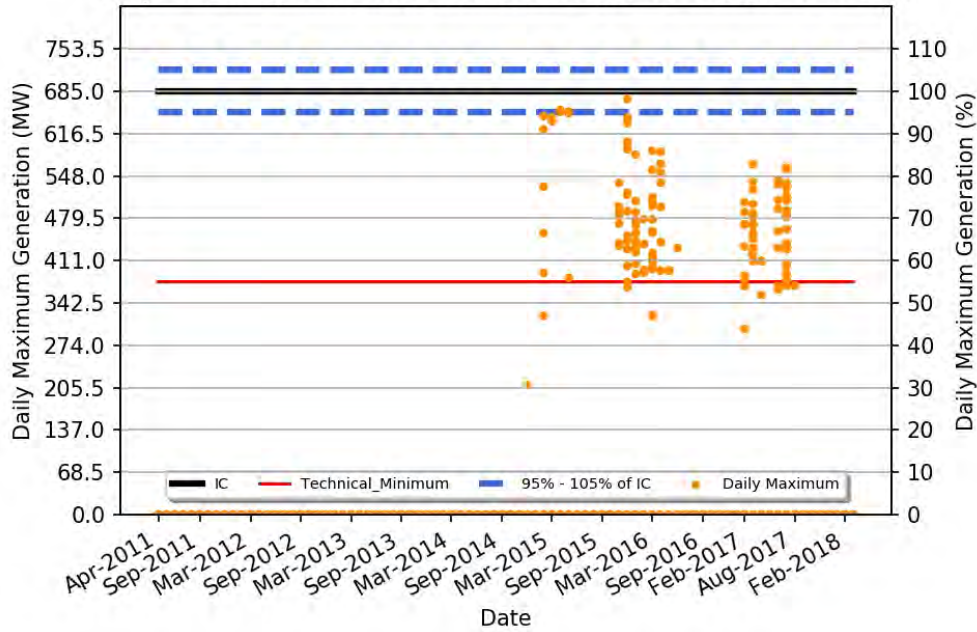
Daily Flexibility(%) : DB POWER TPS UNIT - 2 600 MW



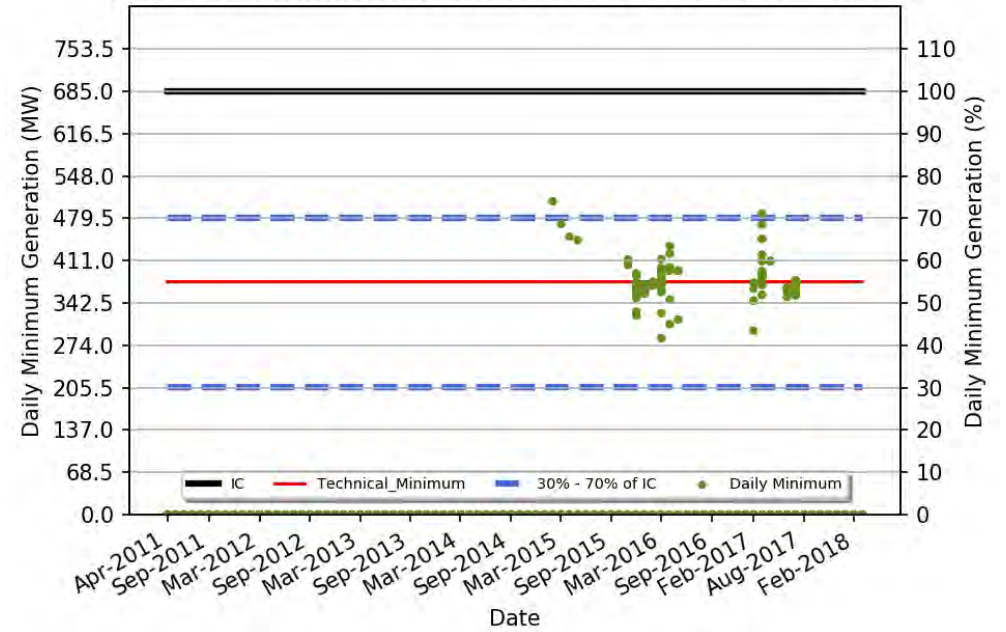
**DB POWER TPS UNIT - 2 600**

<b>Region</b>	<b>: Western Region</b>
<b>Number of Days Considered</b>	<b>: 613</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 36 (%)</b>
(% of total days in operation)	
<b>No. Of Days Min Generation Achieved</b>	<b>: 76 (%)</b>
(% of total days in operation)	
<b>Average Flexibility</b>	<b>: 27 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 507</b>
<b>Daily Average (MW)</b>	<b>: 434</b>
<b>Average Daily Min (MW)</b>	<b>: 340</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 84</b>
<b>Daily Average/IC (%)</b>	<b>: 72</b>
<b>Average Daily Min/IC (%)</b>	<b>: 56</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 226</b>

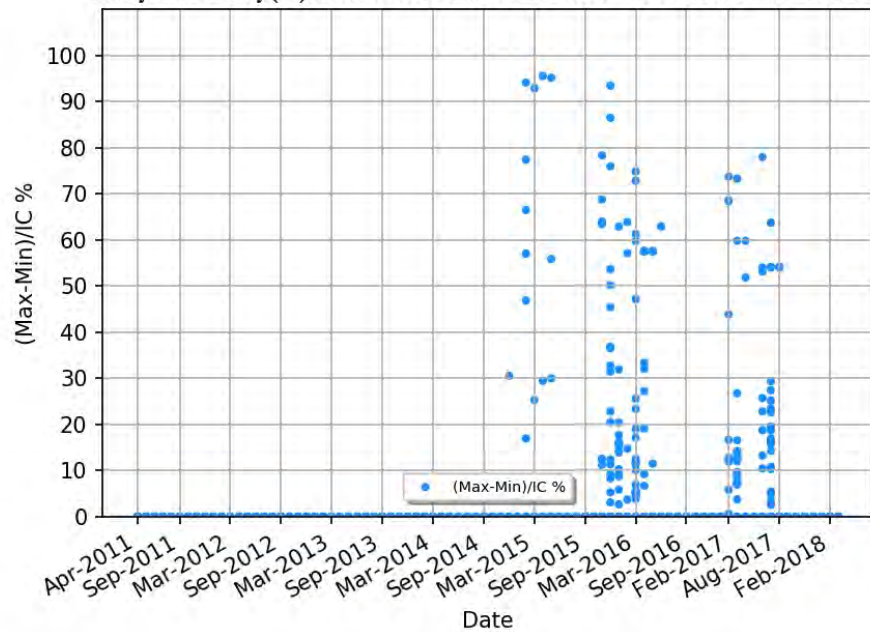
Daily Max Generation : GMR CHHATTISGARH TPP UNIT - 1 685 MW



Daily Min Generation : GMR CHHATTISGARH TPP UNIT - 1 685 MW



Daily Flexibility(%) : GMR CHHATTISGARH TPP UNIT - 1 685 MW

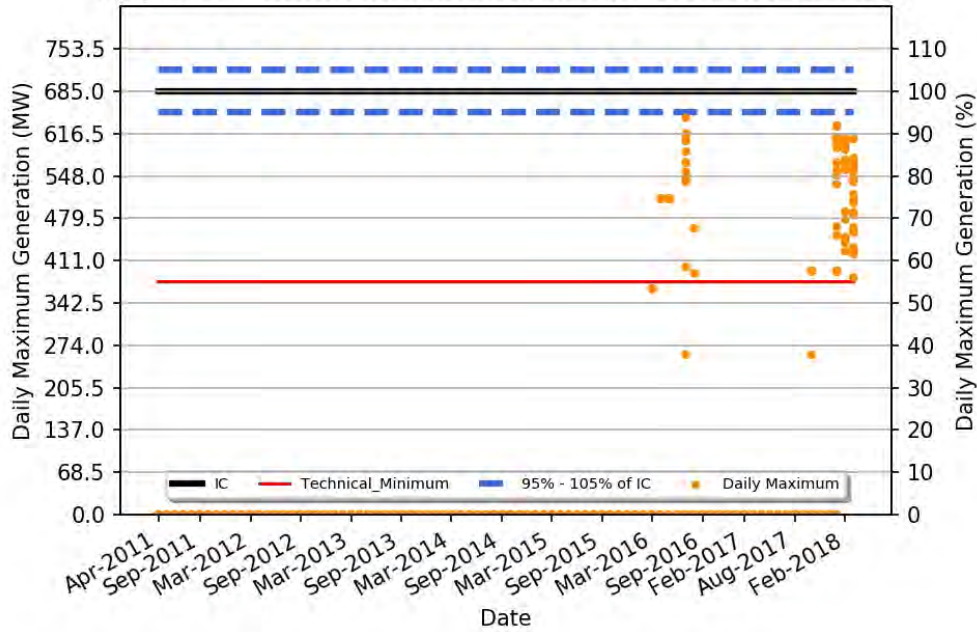


### GMR CHHATTISGARH TPP UNIT - 1 685

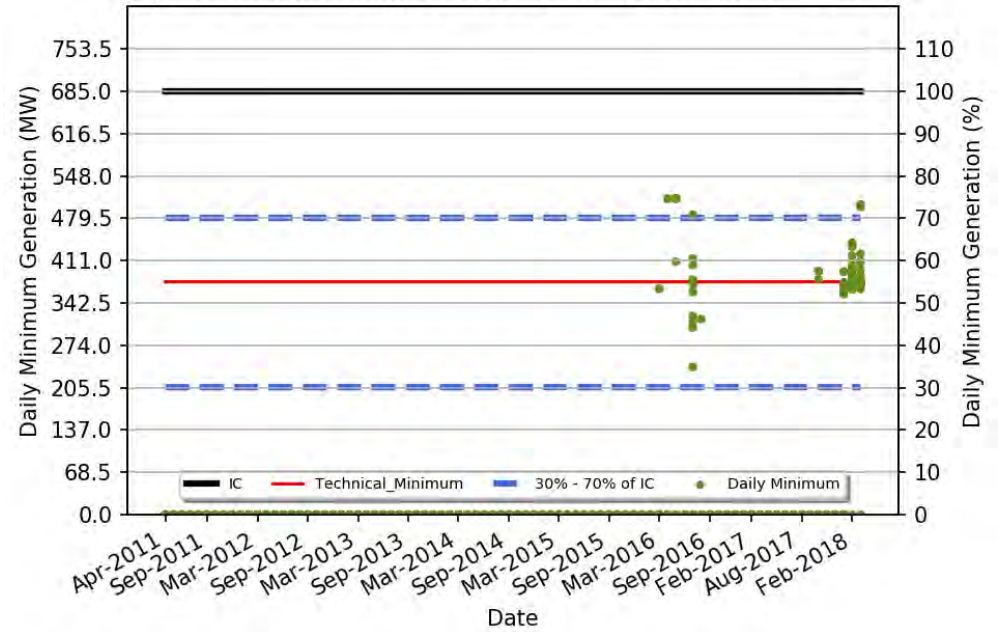
<b>Region</b>	<b>: Western Region</b>
<b>Number of Days Considered</b>	<b>: 172</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 2 (%)</b>
<i>(% of total days in operation)</i>	
<b>No. Of Days Min Generation Achieved</b>	<b>: 83 (%)</b>
<i>(% of total days in operation)</i>	
<b>Average Flexibility</b>	<b>: 19 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 459</b>
<b>Daily Average (MW)</b>	<b>: 399</b>
<b>Average Daily Min (MW)</b>	<b>: 324</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 67</b>
<b>Daily Average/IC (%)</b>	<b>: 58</b>
<b>Average Daily Min/IC (%)</b>	<b>: 47</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 162</b>



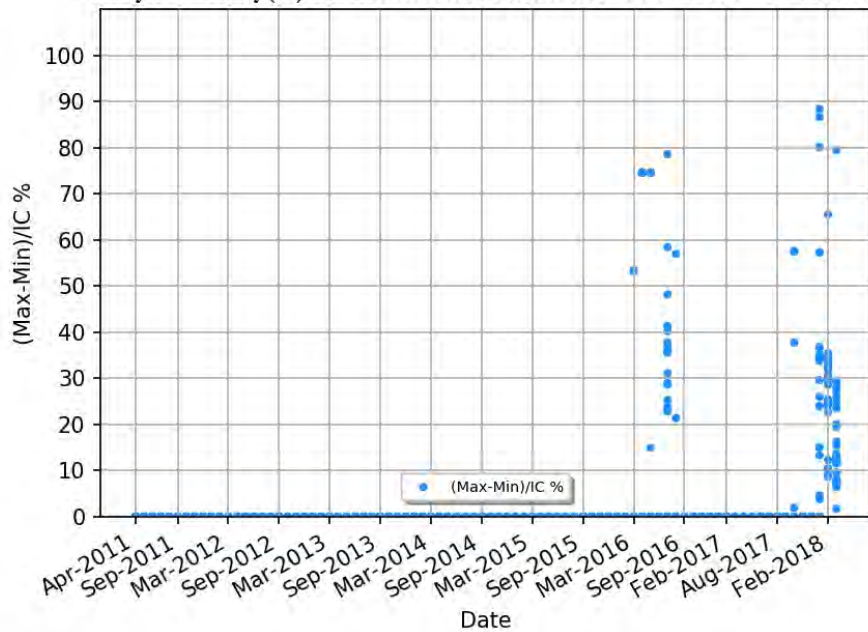
Daily Max Generation : GMR CHHATTISGARH TPP UNIT - 2 685 MW



Daily Min Generation : GMR CHHATTISGARH TPP UNIT - 2 685 MW



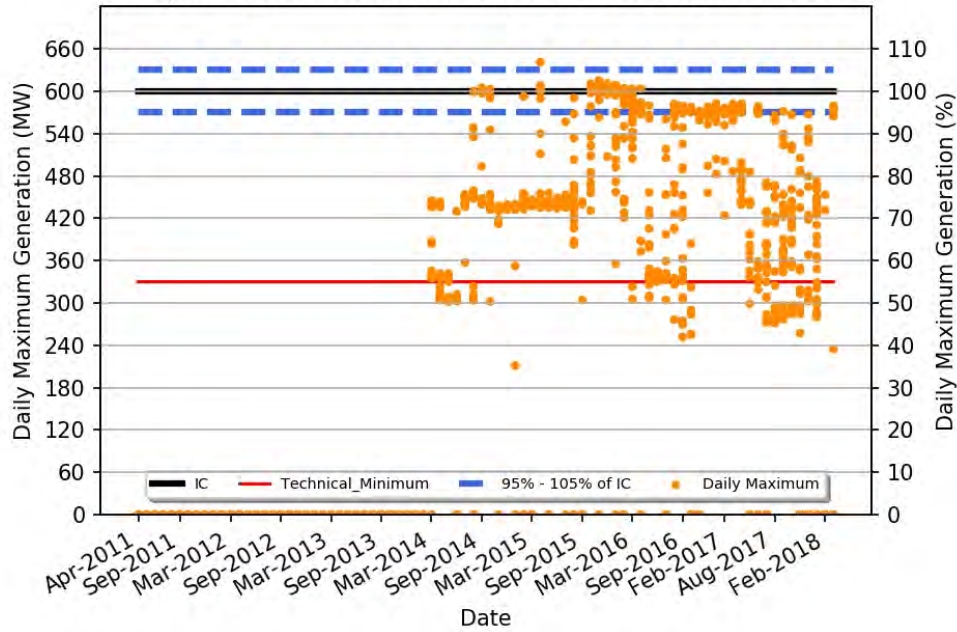
Daily Flexibility(%) : GMR CHHATTISGARH TPP UNIT - 2 685 MW



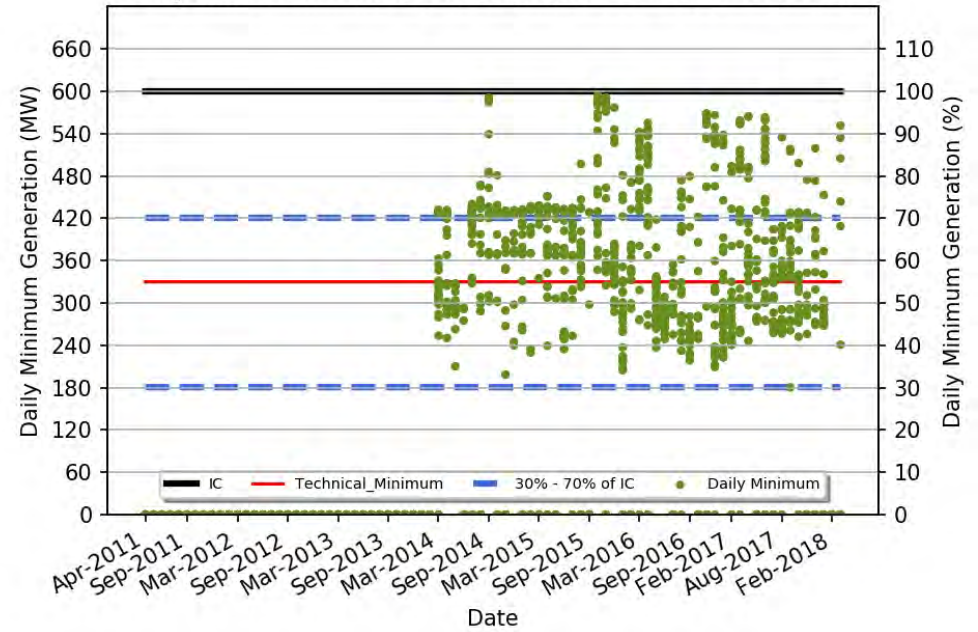
**GMR CHHATTISGARH TPP UNIT - 2 685**

<b>Region</b>	<b>: Western Region</b>
<b>Number of Days Considered</b>	<b>: 133</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 0 (%)</b>
<i>(% of total days in operation)</i>	
<b>No. Of Days Min Generation Achieved</b>	<b>: 63 (%)</b>
<i>(% of total days in operation)</i>	
<b>Average Flexibility</b>	<b>: 25 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 530</b>
<b>Daily Average (MW)</b>	<b>: 450</b>
<b>Average Daily Min (MW)</b>	<b>: 359</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 77</b>
<b>Daily Average/IC (%)</b>	<b>: 65</b>
<b>Average Daily Min/IC (%)</b>	<b>: 52</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 162</b>

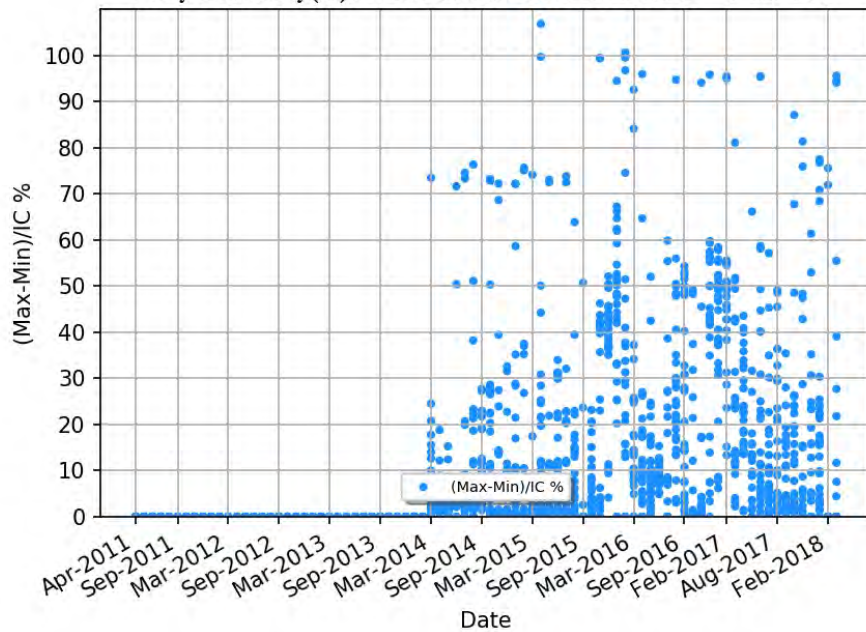
Daily Max Generation : KSK MAHANADI TPS UNIT - 3 600 MW



Daily Min Generation : KSK MAHANADI TPS UNIT - 3 600 MW



Daily Flexibility(%) : KSK MAHANADI TPS UNIT - 3 600 MW

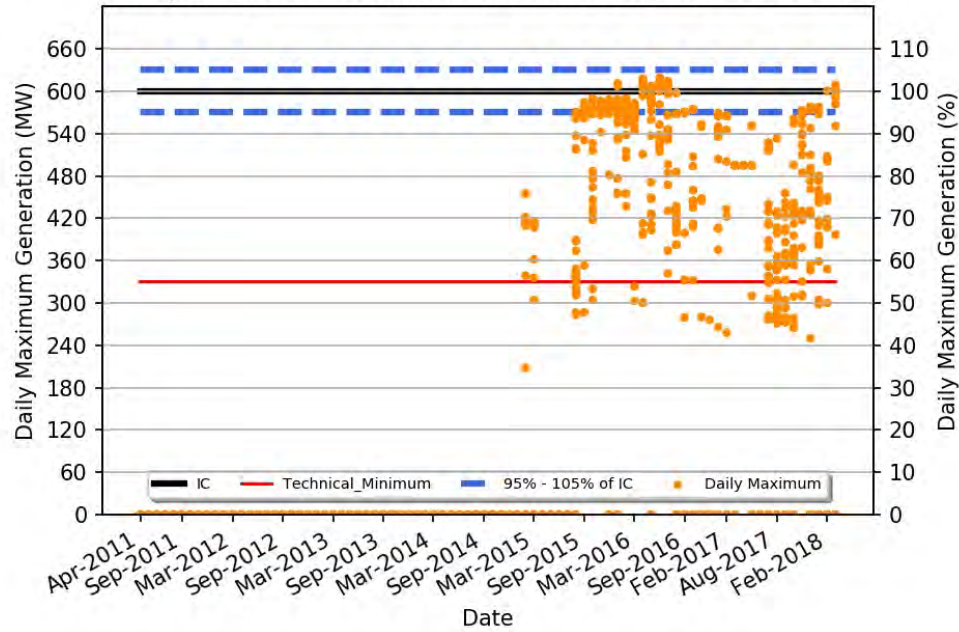


### KSK MAHANADI TPS UNIT - 3 600

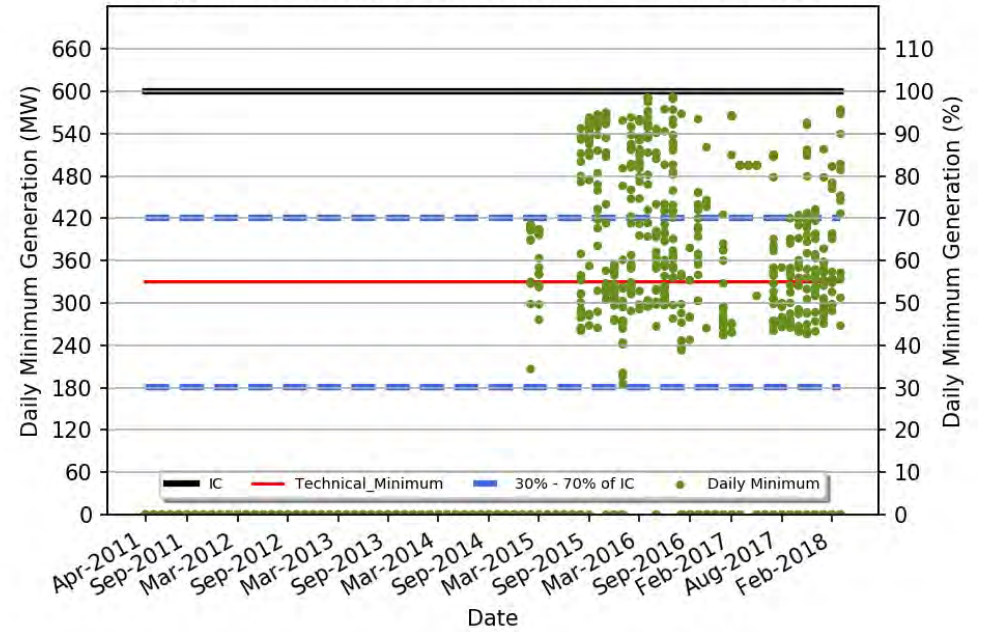
Region	: Western Region
Number of Days Considered	: 1190
No. Of Days Max Generation Achieved	: 26 (%)
(% of total days in operation)	
No. Of Days Min Generation Achieved	: 62 (%)
(% of total days in operation)	
Average Flexibility	: 18 (%)
Average Daily Max (MW)	: 468
Daily Average (MW)	: 427
Average Daily Min (MW)	: 357
Average Daily Max/ IC (%)	: 78
Daily Average/IC (%)	: 71
Average Daily Min/IC (%)	: 59
Variable Charge (Paisa/kWh)	: 278



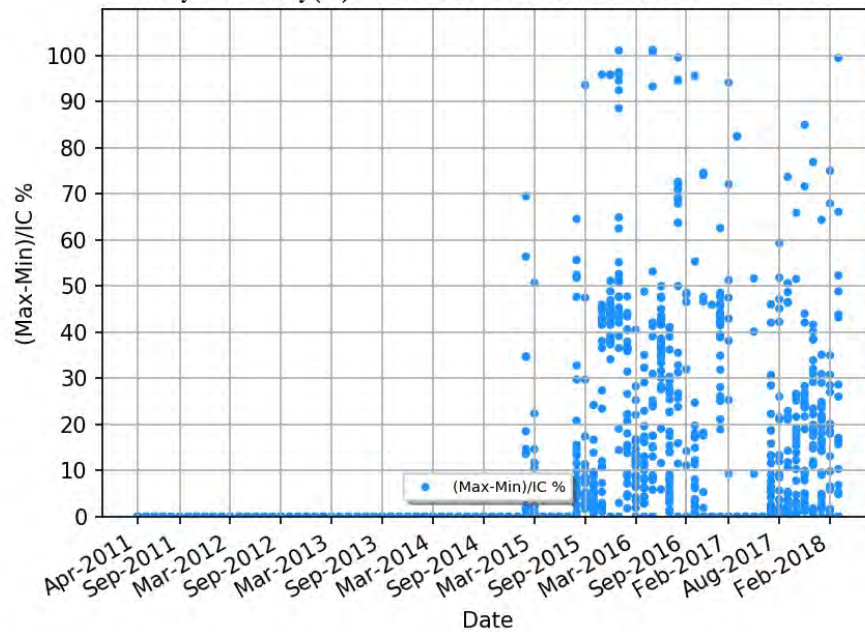
Daily Max Generation : KSK MAHANADI TPS UNIT - 4 600 MW



Daily Min Generation : KSK MAHANADI TPS UNIT - 4 600 MW



Daily Flexibility(%) : KSK MAHANADI TPS UNIT - 4 600 MW

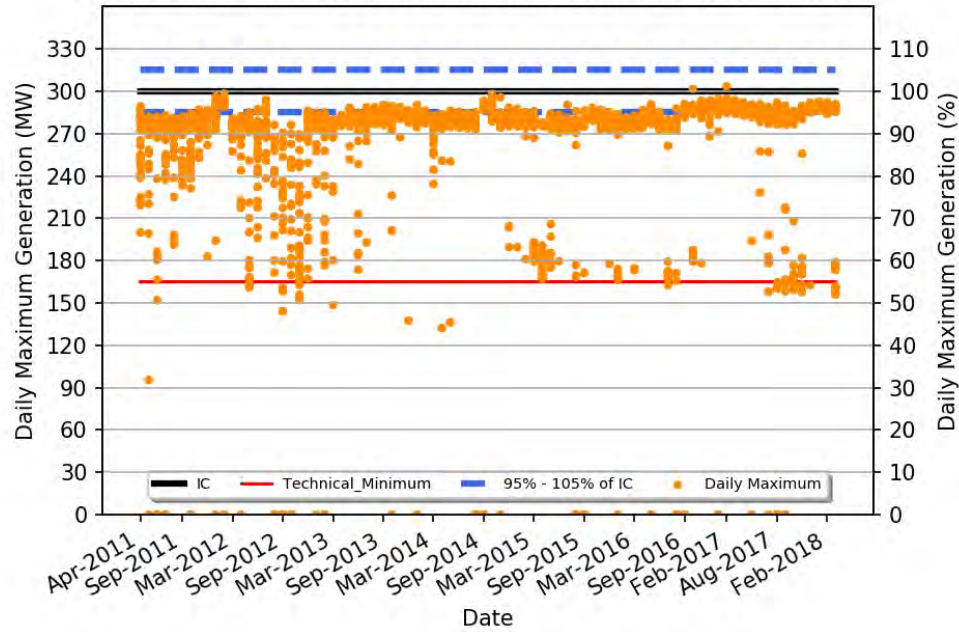


**KSK MAHANADI TPS UNIT - 4 600**

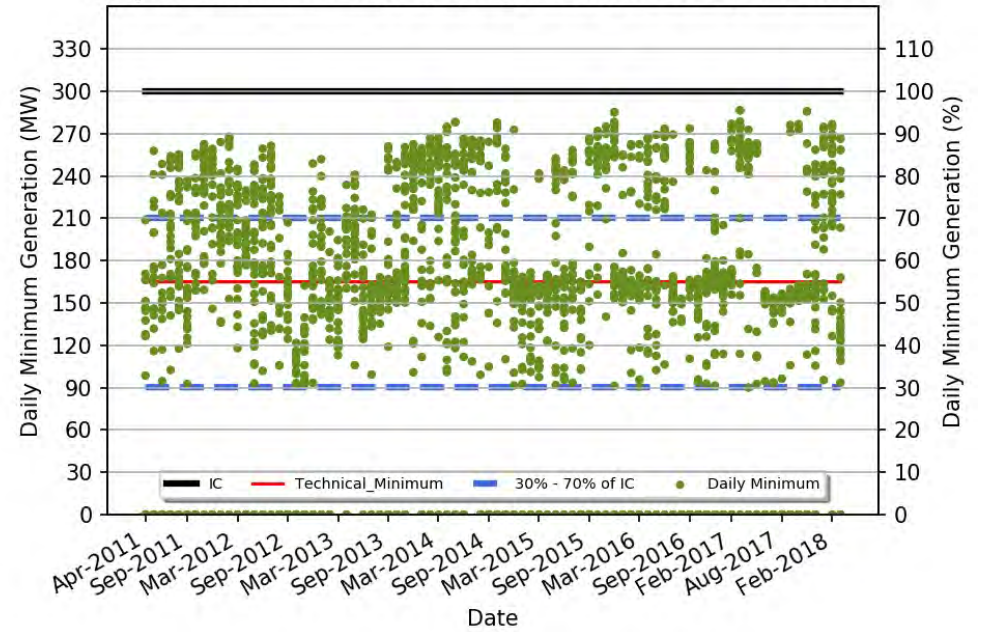
<b>Region</b>	<b>: Western Region</b>
<b>Number of Days Considered</b>	<b>: 760</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 31 (%)</b>
(% of total days in operation)	
<b>No. Of Days Min Generation Achieved</b>	<b>: 54 (%)</b>
(% of total days in operation)	
<b>Average Flexibility</b>	<b>: 19 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 494</b>
<b>Daily Average (MW)</b>	<b>: 453</b>
<b>Average Daily Min (MW)</b>	<b>: 377</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 82</b>
<b>Daily Average/IC (%)</b>	<b>: 75</b>
<b>Average Daily Min/IC (%)</b>	<b>: 62</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 278</b>



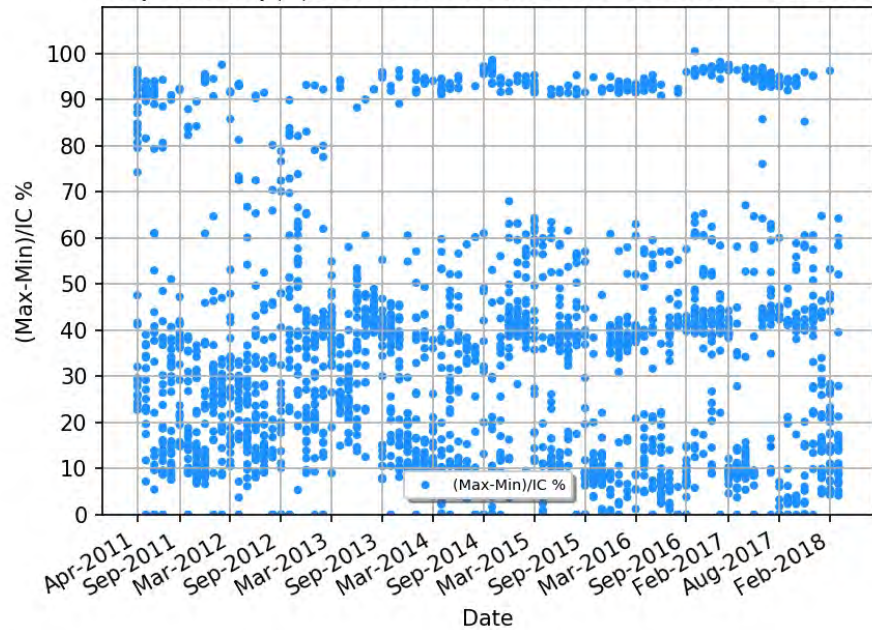
Daily Max Generation : LANCO AMARKANTAK TPS UNIT - 1 300 MW



Daily Min Generation : LANCO AMARKANTAK TPS UNIT - 1 300 MW



Daily Flexibility(%) : LANCO AMARKANTAK TPS UNIT - 1 300 MW

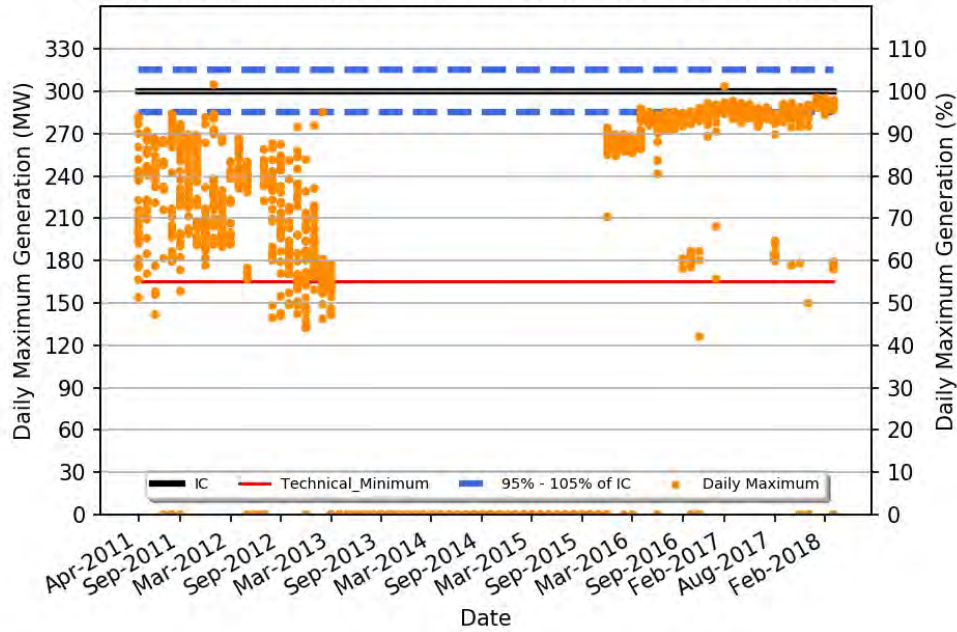


### LANCO AMARKANTAK TPS UNIT - 1 300

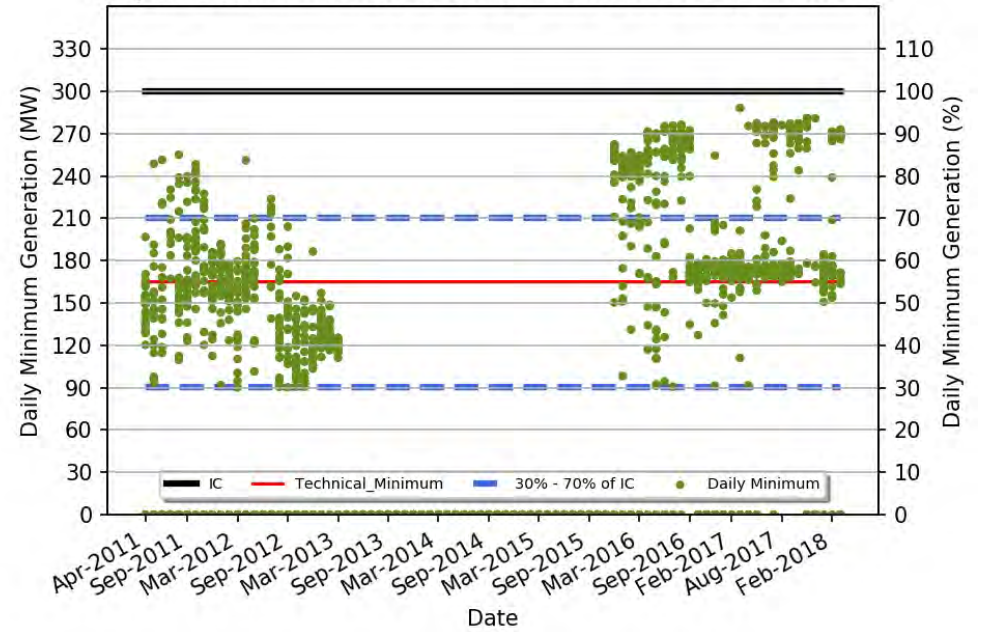
<b>Region</b>	<b>: Western Region</b>
<b>Number of Days Considered</b>	<b>: 2364</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 24 (%)</b>
(% of total days in operation)	
<b>No. Of Days Min Generation Achieved</b>	<b>: 53 (%)</b>
(% of total days in operation)	
<b>Average Flexibility</b>	<b>: 36 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 269</b>
<b>Daily Average (MW)</b>	<b>: 234</b>
<b>Average Daily Min (MW)</b>	<b>: 159</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 89</b>
<b>Daily Average/IC (%)</b>	<b>: 78</b>
<b>Average Daily Min/IC (%)</b>	<b>: 53</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 246</b>



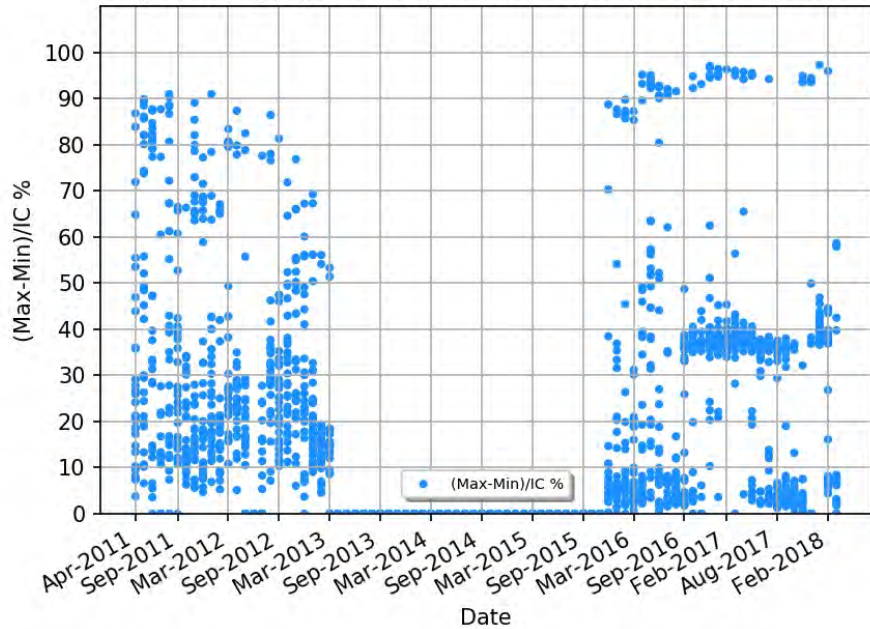
Daily Max Generation : LANCO AMARKANTAK TPS UNIT - 2 300 MW



Daily Min Generation : LANCO AMARKANTAK TPS UNIT - 2 300 MW



Daily Flexibility(%) : LANCO AMARKANTAK TPS UNIT - 2 300 MW

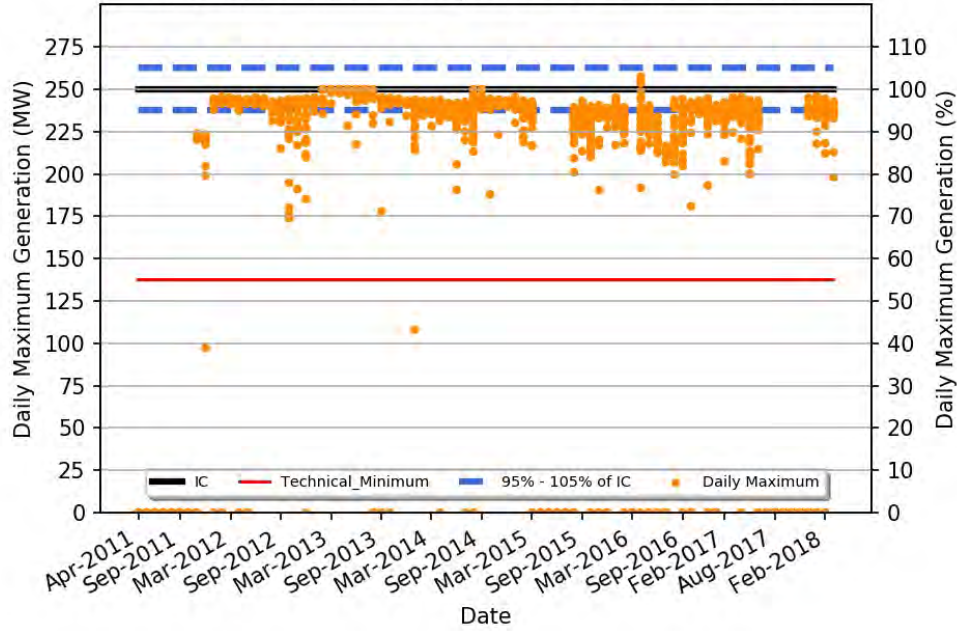


### LANCO AMARKANTAK TPS UNIT - 2 300

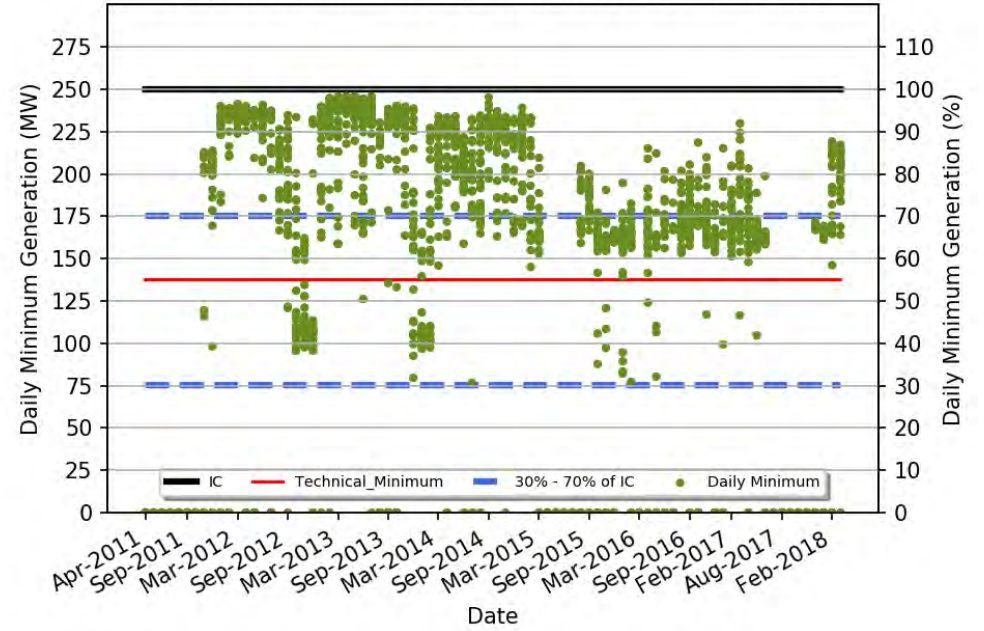
Region	: Western Region
Number of Days Considered	: 1403
No. Of Days Max Generation Achieved	: 17 (%)
(% of total days in operation)	
No. Of Days Min Generation Achieved	: 62 (%)
(% of total days in operation)	
Average Flexibility	: 29 (%)
Average Daily Max (MW)	: 249
Daily Average (MW)	: 224
Average Daily Min (MW)	: 161
Average Daily Max/ IC (%)	: 83
Daily Average/IC (%)	: 74
Average Daily Min/IC (%)	: 53
Variable Charge (Paisa/kWh)	: 252



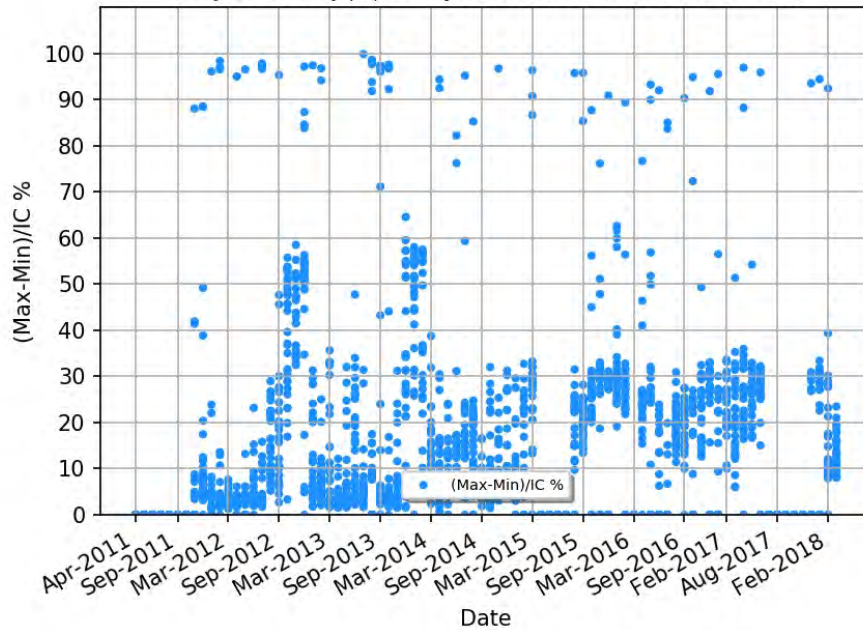
Daily Max Generation : OP JINDAL TPS UNIT - 1 250 MW



Daily Min Generation : OP JINDAL TPS UNIT - 1 250 MW



Daily Flexibility(%) : OP JINDAL TPS UNIT - 1 250 MW

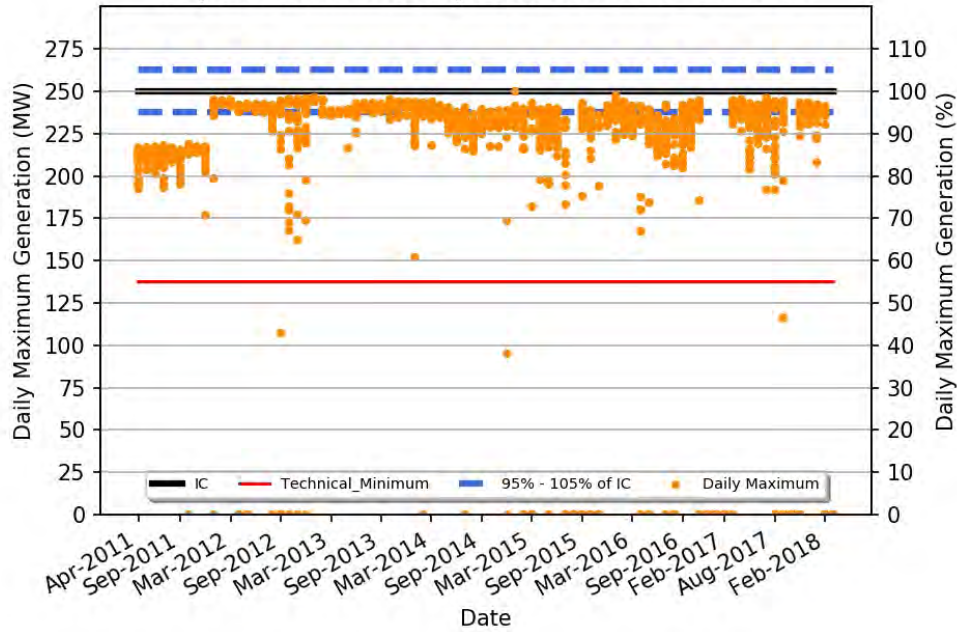


**OP JINDAL TPS UNIT - 1 250**

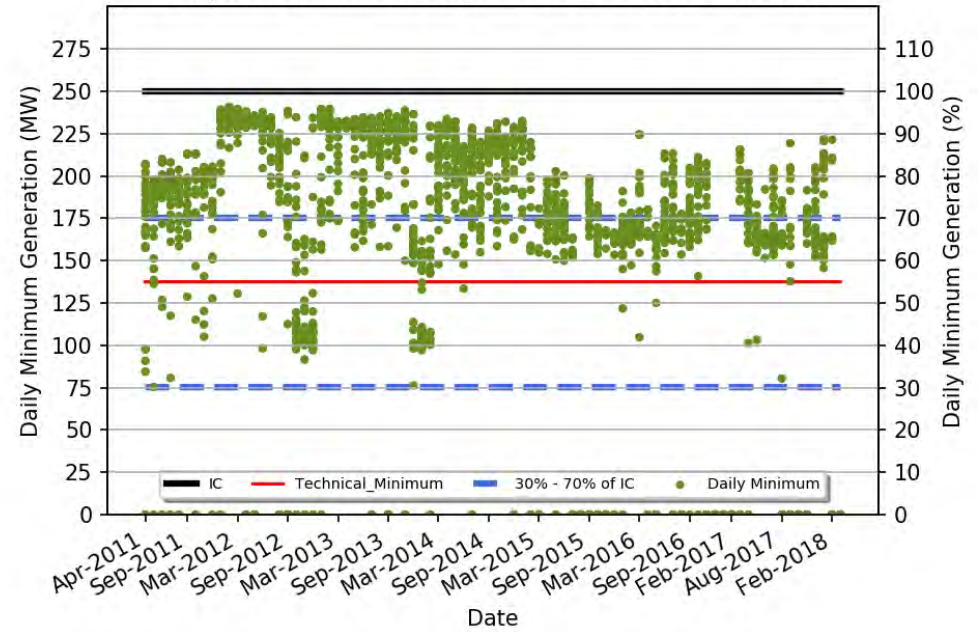
<b>Region</b>	<b>: Western Region</b>
<b>Number of Days Considered</b>	<b>: 1754</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 66 (%)</b>
(% of total days in operation)	
<b>No. Of Days Min Generation Achieved</b>	<b>: 34 (%)</b>
(% of total days in operation)	
<b>Average Flexibility</b>	<b>: 20 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 238</b>
<b>Daily Average (MW)</b>	<b>: 218</b>
<b>Average Daily Min (MW)</b>	<b>: 186</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 95</b>
<b>Daily Average/IC (%)</b>	<b>: 87</b>
<b>Average Daily Min/IC (%)</b>	<b>: 74</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 220</b>



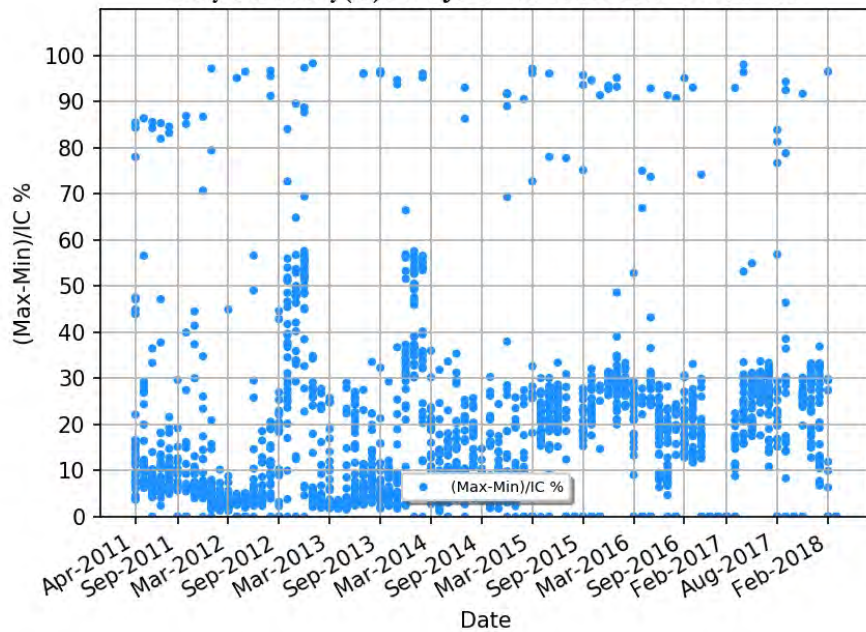
Daily Max Generation : OP JINDAL TPS UNIT - 2 250 MW



Daily Min Generation : OP JINDAL TPS UNIT - 2 250 MW



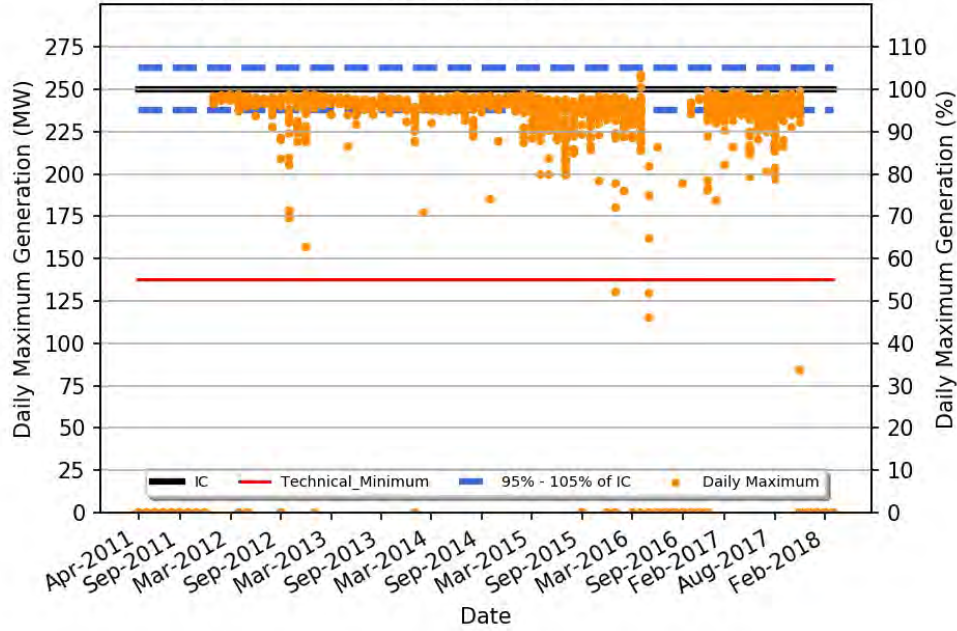
Daily Flexibility(%) : OP JINDAL TPS UNIT - 2 250 MW



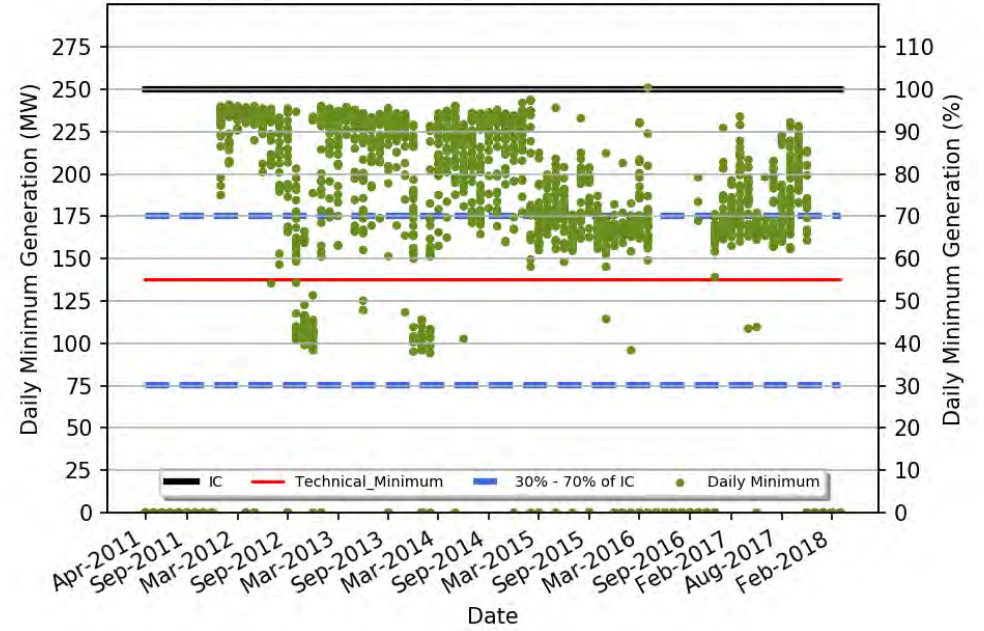
### OP JINDAL TPS UNIT - 2 250

Region	: Western Region
Number of Days Considered	: 2073
No. Of Days Max Generation Achieved	: 45 (%)
(% of total days in operation)	
No. Of Days Min Generation Achieved	: 31 (%)
(% of total days in operation)	
Average Flexibility	: 18 (%)
Average Daily Max (MW)	: 232
Daily Average (MW)	: 213
Average Daily Min (MW)	: 185
Average Daily Max/ IC (%)	: 92
Daily Average/IC (%)	: 85
Average Daily Min/IC (%)	: 74
Variable Charge (Paisa/kWh)	: 220

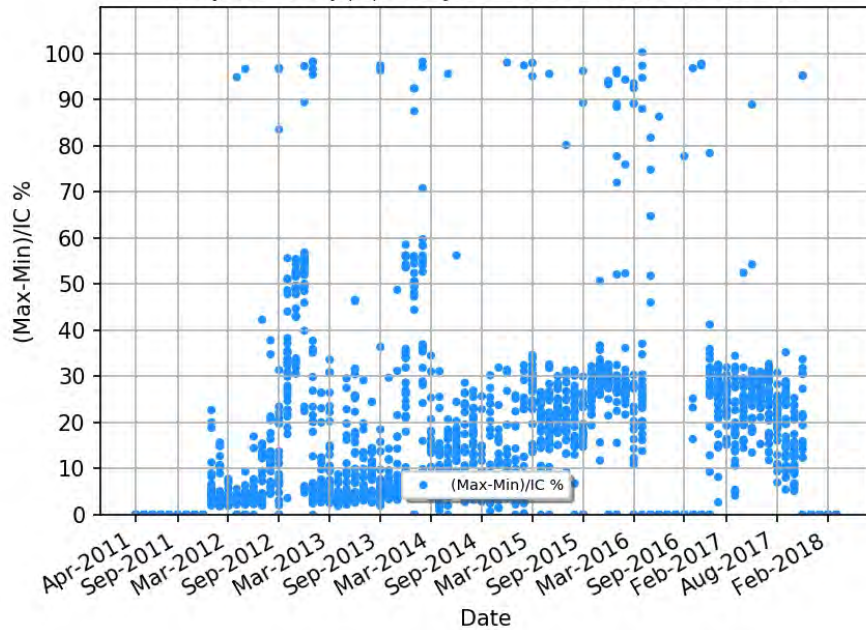
Daily Max Generation : OP JINDAL TPS UNIT - 3 250 MW



Daily Min Generation : OP JINDAL TPS UNIT - 3 250 MW



Daily Flexibility(%) : OP JINDAL TPS UNIT - 3 250 MW

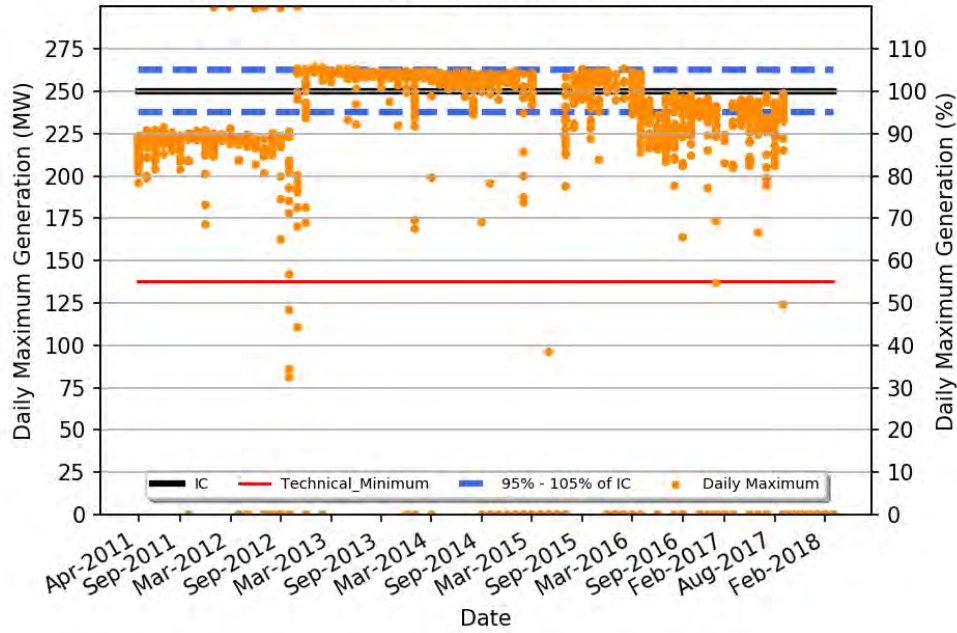


### OP JINDAL TPS UNIT - 3 250

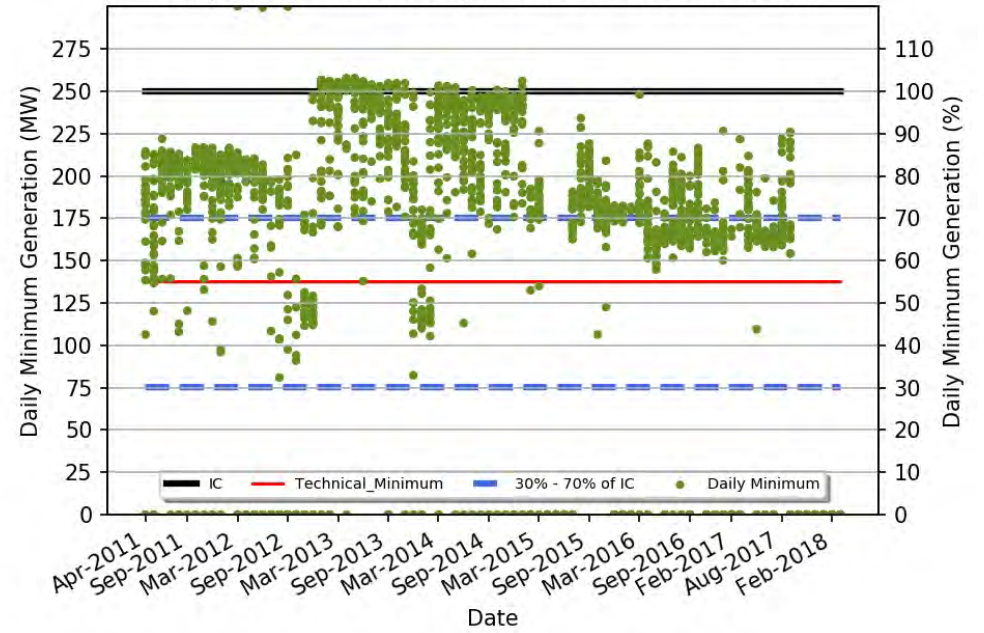
Region	: Western Region
Number of Days Considered	: 1841
No. Of Days Max Generation Achieved	: 77 (%)
(% of total days in operation)	
No. Of Days Min Generation Achieved	: 31 (%)
(% of total days in operation)	
Average Flexibility	: 19 (%)
Average Daily Max (MW)	: 239
Daily Average (MW)	: 220
Average Daily Min (MW)	: 191
Average Daily Max/ IC (%)	: 95
Daily Average/IC (%)	: 88
Average Daily Min/IC (%)	: 76
Variable Charge (Paisa/kWh)	: 220



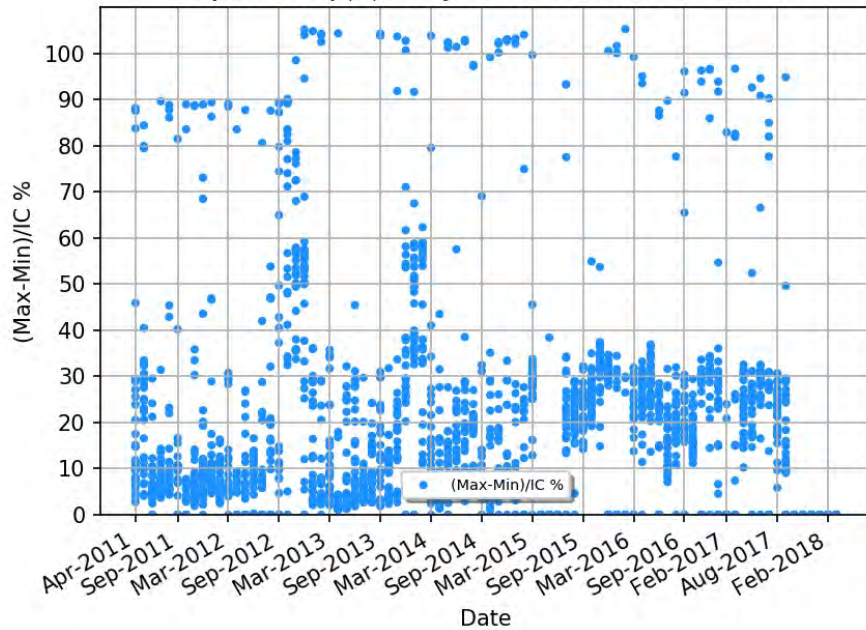
Daily Max Generation : OP JINDAL TPS UNIT - 4 250 MW



Daily Min Generation : OP JINDAL TPS UNIT - 4 250 MW



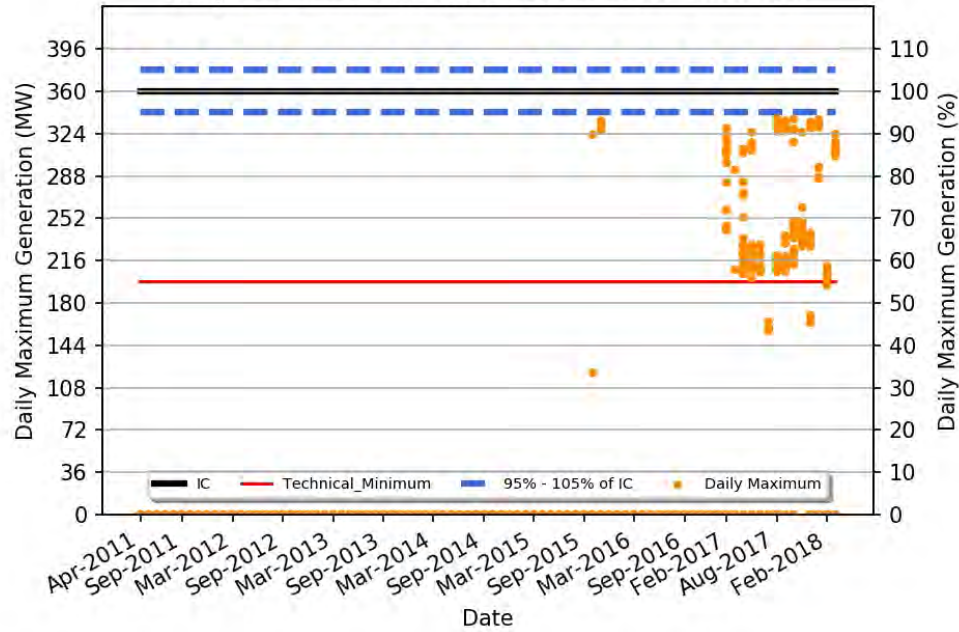
Daily Flexibility(%) : OP JINDAL TPS UNIT - 4 250 MW



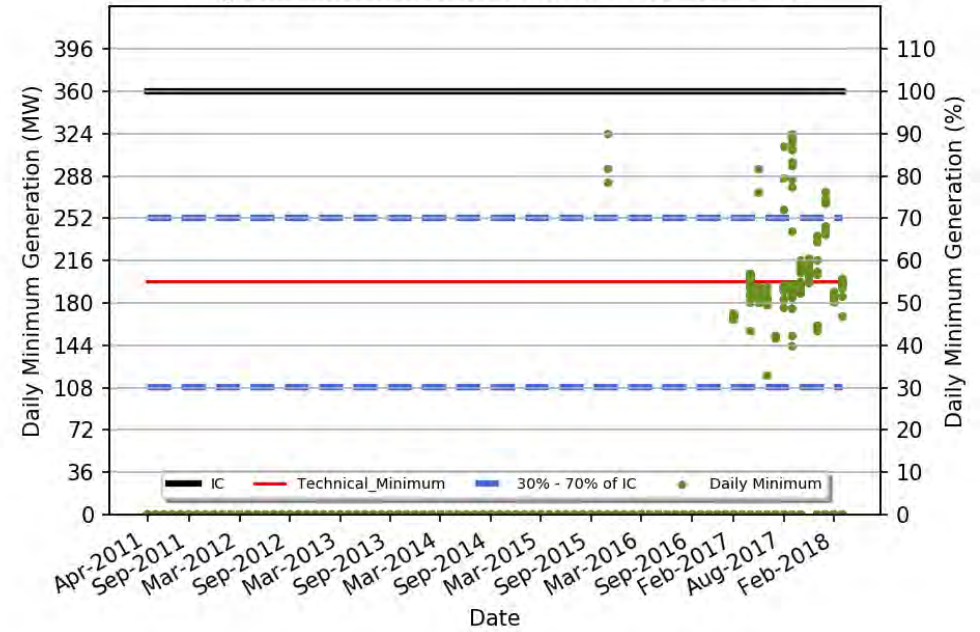
### OP JINDAL TPS UNIT - 4 250

Region	: Western Region
Number of Days Considered	: 1959
No. Of Days Max Generation Achieved	: 59 (%)
(% of total days in operation)	
No. Of Days Min Generation Achieved	: 24 (%)
(% of total days in operation)	
Average Flexibility	: 22 (%)
Average Daily Max (MW)	: 242
Daily Average (MW)	: 221
Average Daily Min (MW)	: 185
Average Daily Max/ IC (%)	: 96
Daily Average/IC (%)	: 88
Average Daily Min/IC (%)	: 74
Variable Charge (Paisa/kWh)	: 220

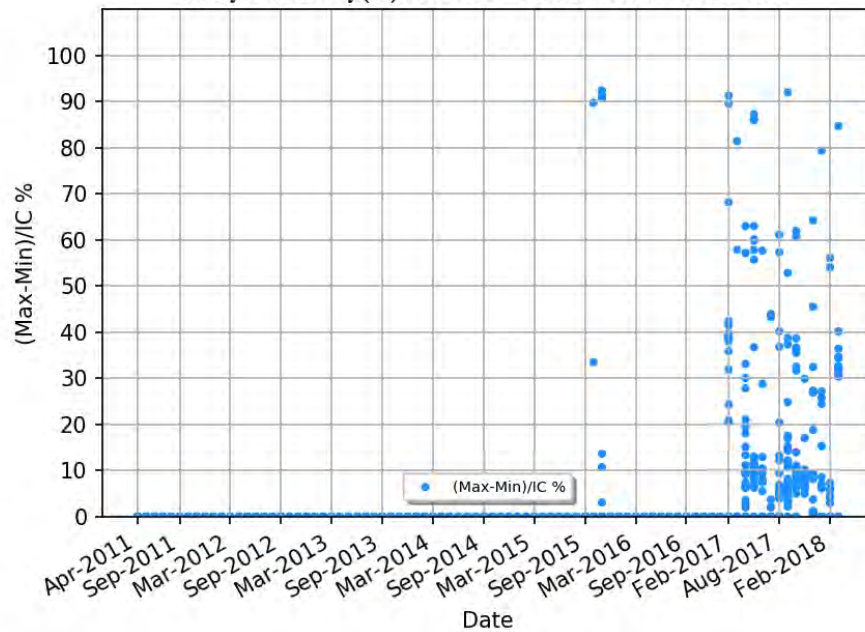
Daily Max Generation : RKM POWER UNIT - 1 360 MW



Daily Min Generation : RKM POWER UNIT - 1 360 MW



Daily Flexibility(%): RKM POWER UNIT - 1 360 MW

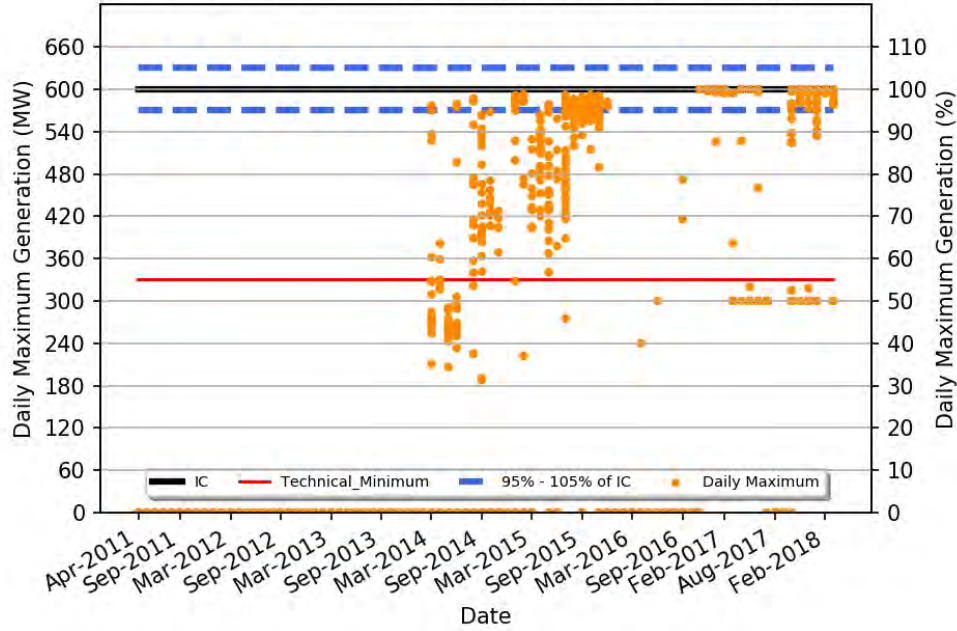


**RKM POWER UNIT - 1 360**

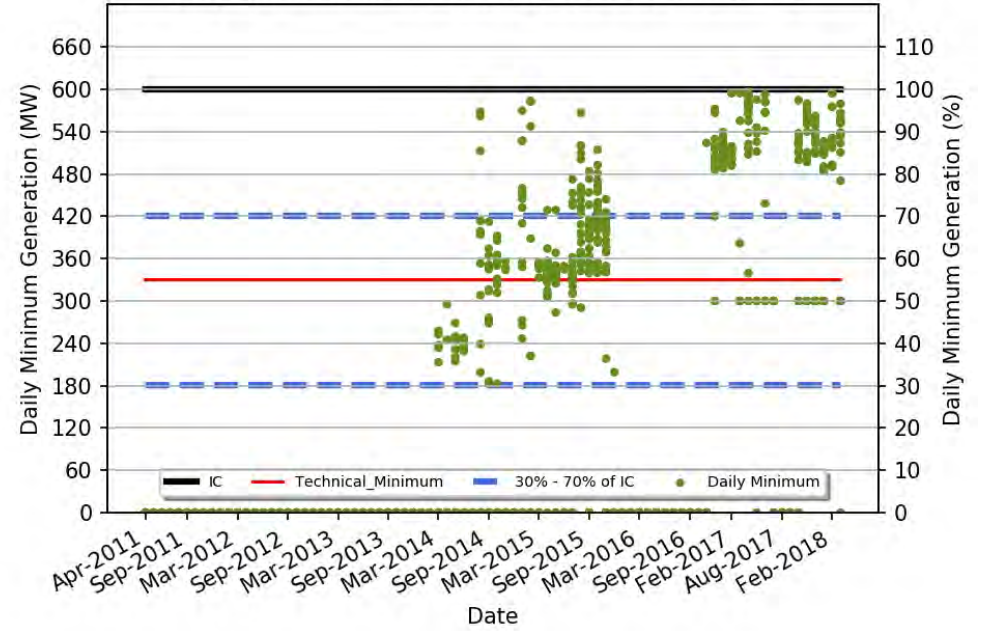
Region	: Western Region
Number of Days Considered	: 231
No. Of Days Max Generation Achieved	: 0 (%)
(% of total days in operation)	
No. Of Days Min Generation Achieved	: 80 (%)
(% of total days in operation)	
Average Flexibility	: 19 (%)
Average Daily Max (MW)	: 255
Daily Average (MW)	: 223
Average Daily Min (MW)	: 184
Average Daily Max/ IC (%)	: 71
Daily Average/IC (%)	: 62
Average Daily Min/IC (%)	: 51
Variable Charge (Paisa/kWh)	: 193



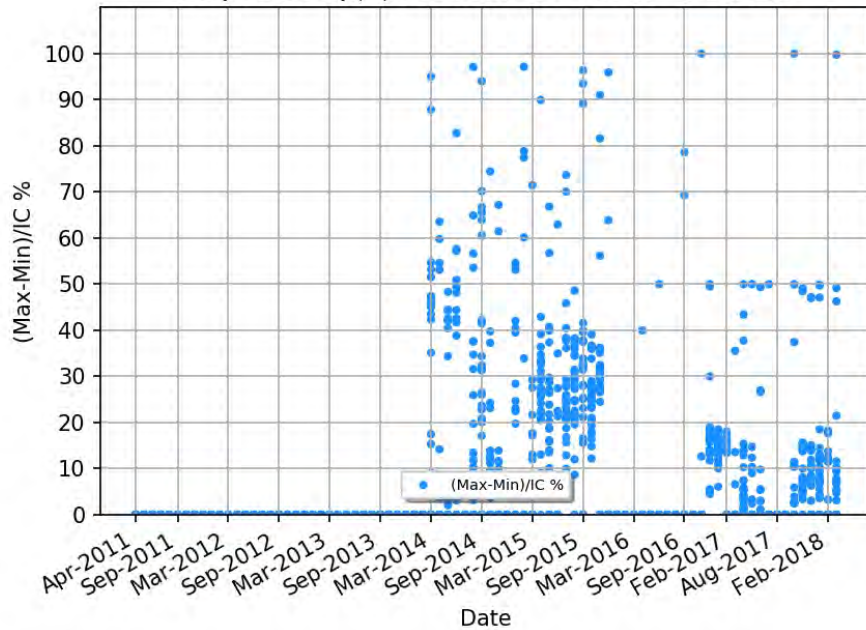
Daily Max Generation : TAMNAR TPP UNIT - 1 600 MW



Daily Min Generation : TAMNAR TPP UNIT - 1 600 MW



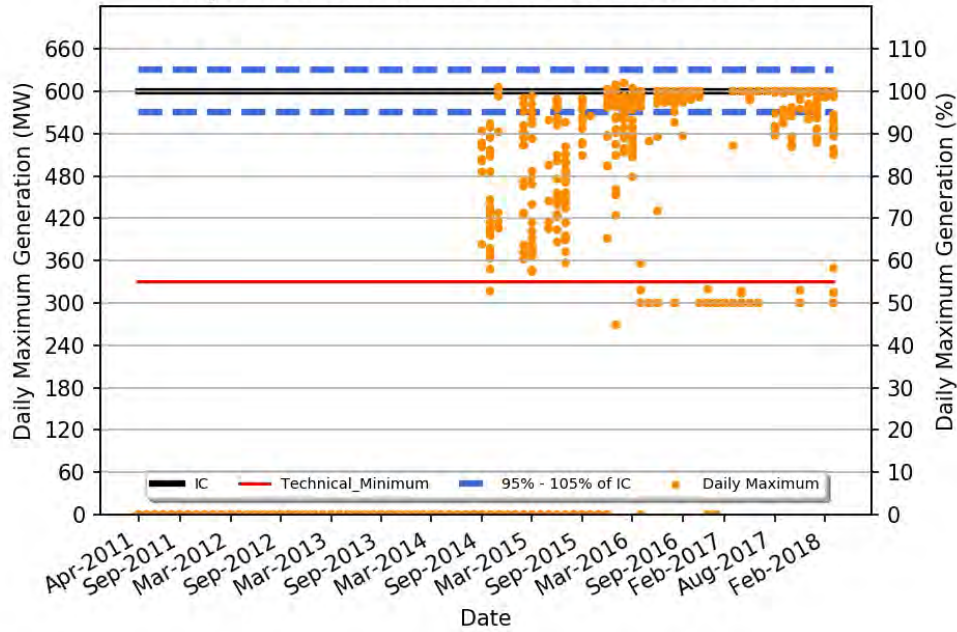
Daily Flexibility(%) : TAMNAR TPP UNIT - 1 600 MW



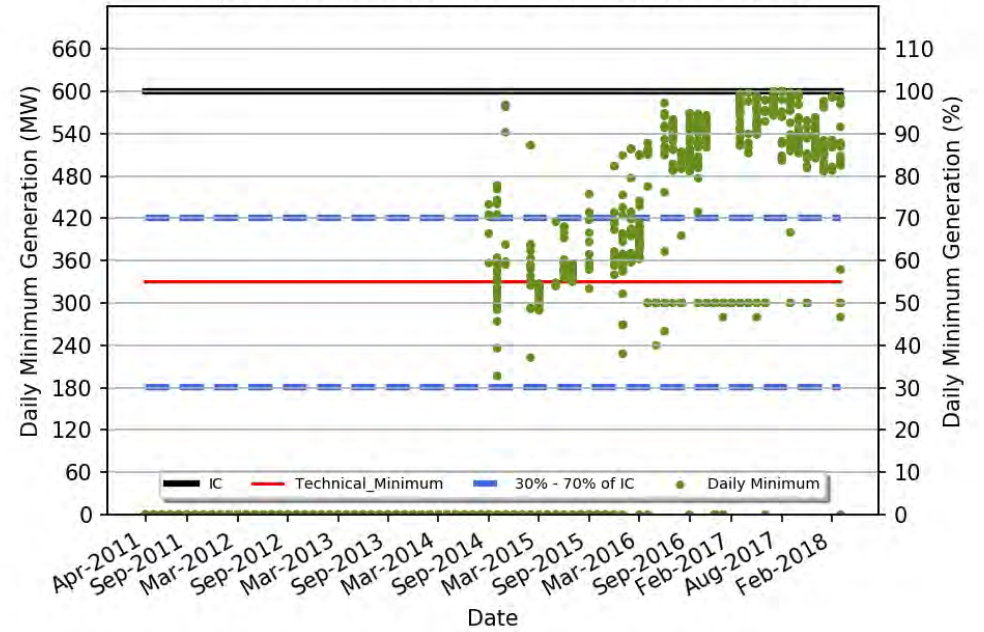
**TAMNAR TPP UNIT - 1 600**

<b>Region</b>	<b>: Western Region</b>
<b>Number of Days Considered</b>	<b>: 757</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 47 (%)</b>
(% of total days in operation)	
<b>No. Of Days Min Generation Achieved</b>	<b>: 52 (%)</b>
(% of total days in operation)	
<b>Average Flexibility</b>	<b>: 17 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 490</b>
<b>Daily Average (MW)</b>	<b>: 446</b>
<b>Average Daily Min (MW)</b>	<b>: 383</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 81</b>
<b>Daily Average/IC (%)</b>	<b>: 74</b>
<b>Average Daily Min/IC (%)</b>	<b>: 63</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 220</b>

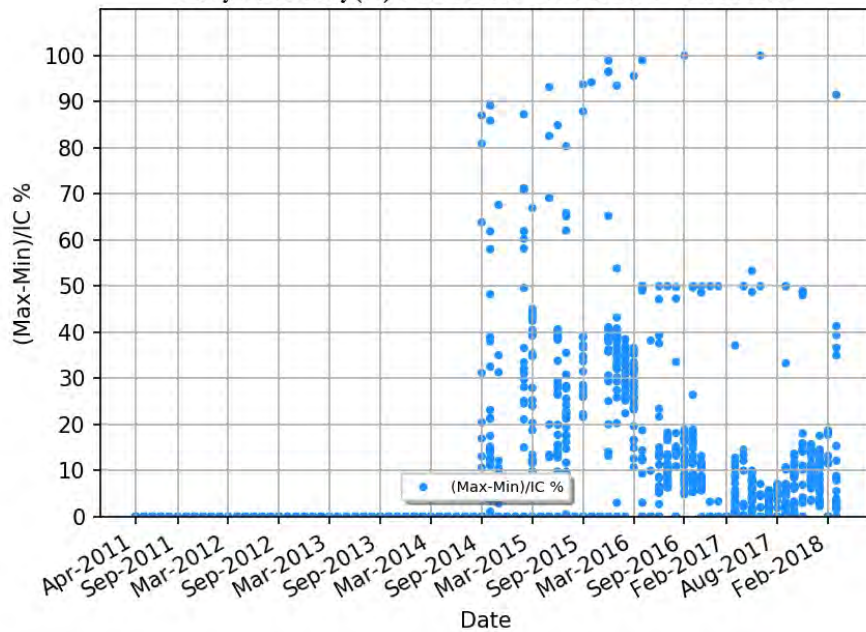
Daily Max Generation : TAMNAR TPP UNIT - 2 600 MW



Daily Min Generation : TAMNAR TPP UNIT - 2 600 MW



Daily Flexibility(%) : TAMNAR TPP UNIT - 2 600 MW

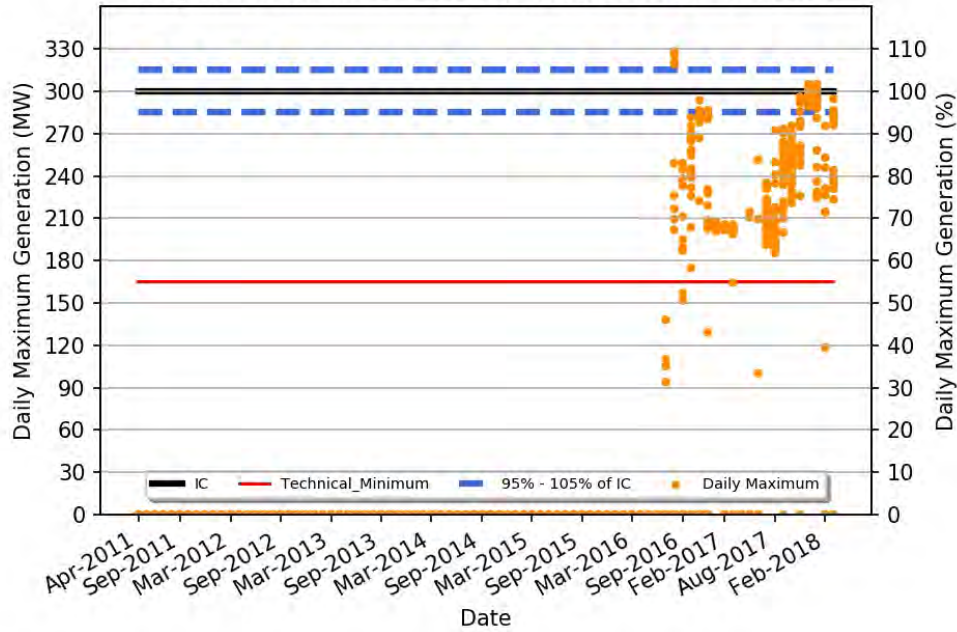


**TAMNAR TPP UNIT - 2 600**

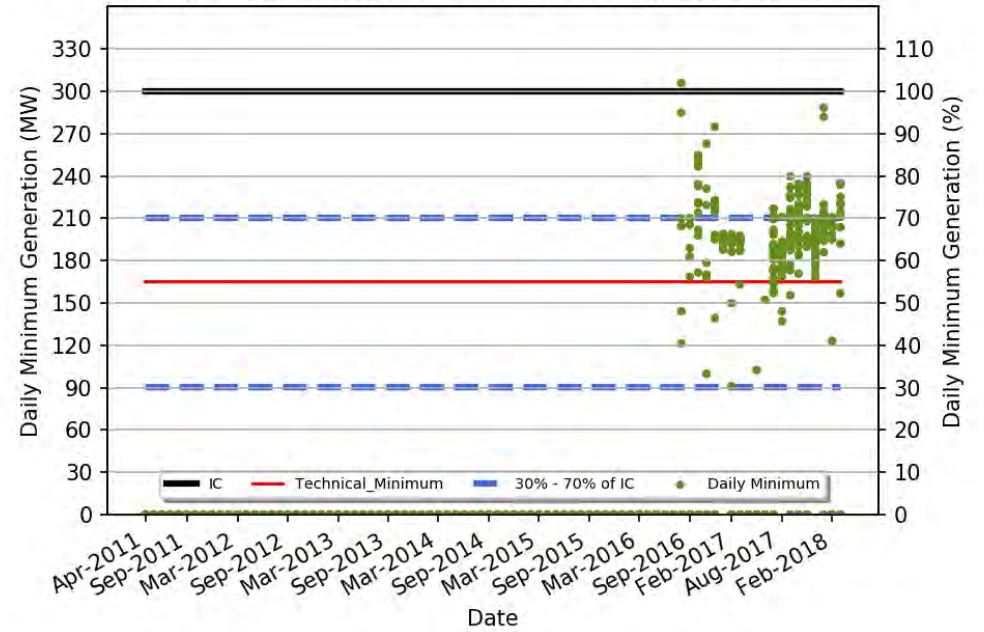
<b>Region</b>	<b>: Western Region</b>
<b>Number of Days Considered</b>	<b>: 981</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 52 (%)</b>
(% of total days in operation)	
<b>No. Of Days Min Generation Achieved</b>	<b>: 49 (%)</b>
(% of total days in operation)	
<b>Average Flexibility</b>	<b>: 13 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 500</b>
<b>Daily Average (MW)</b>	<b>: 463</b>
<b>Average Daily Min (MW)</b>	<b>: 419</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 83</b>
<b>Daily Average/IC (%)</b>	<b>: 77</b>
<b>Average Daily Min/IC (%)</b>	<b>: 69</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 220</b>



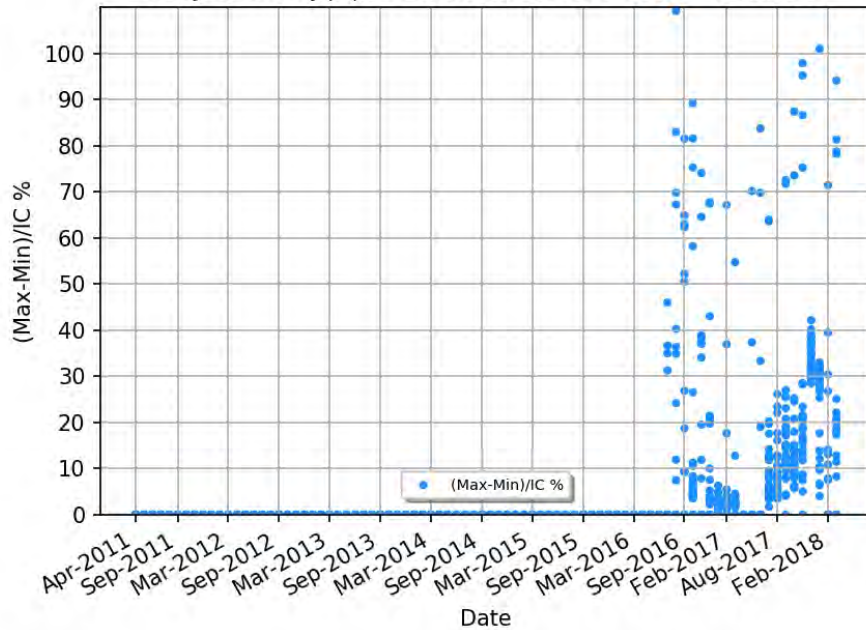
Daily Max Generation : TRN ENERGY TPP UNIT - 1 300 MW



Daily Min Generation : TRN ENERGY TPP UNIT - 1 300 MW



Daily Flexibility(%) : TRN ENERGY TPP UNIT - 1 300 MW



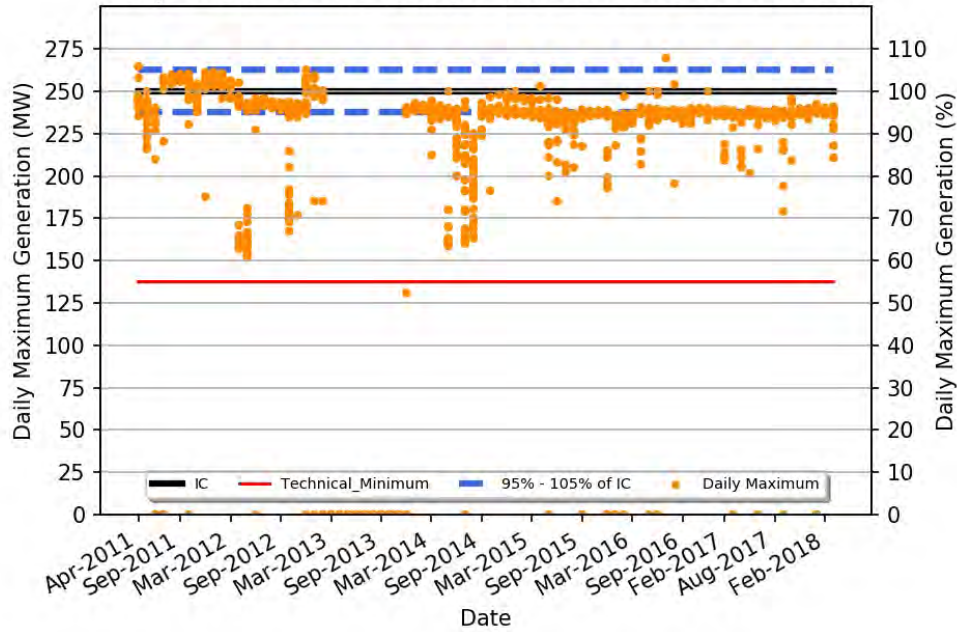
### TRN ENERGY TPP UNIT - 1 300

Region	: Western Region
Number of Days Considered	: 364
No. Of Days Max Generation Achieved	: 19 (%)
(% of total days in operation)	
No. Of Days Min Generation Achieved	: 66 (%)
(% of total days in operation)	
Average Flexibility	: 18 (%)
Average Daily Max (MW)	: 242
Daily Average (MW)	: 221
Average Daily Min (MW)	: 186
Average Daily Max/ IC (%)	: 80
Daily Average/IC (%)	: 73
Average Daily Min/IC (%)	: 62
Variable Charge (Paisa/kWh)	: 235

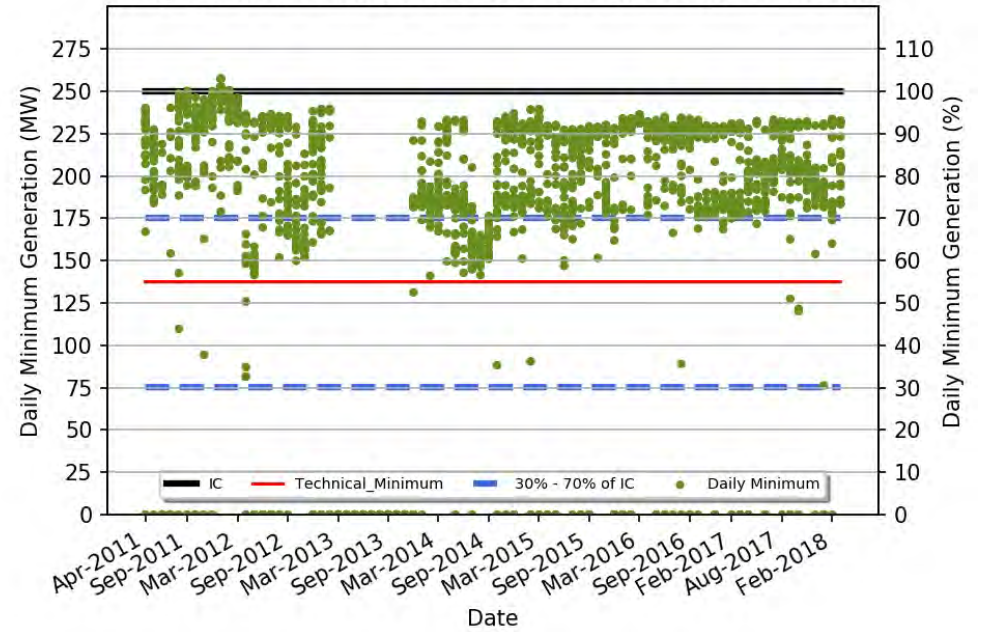
# CHHATISGARH



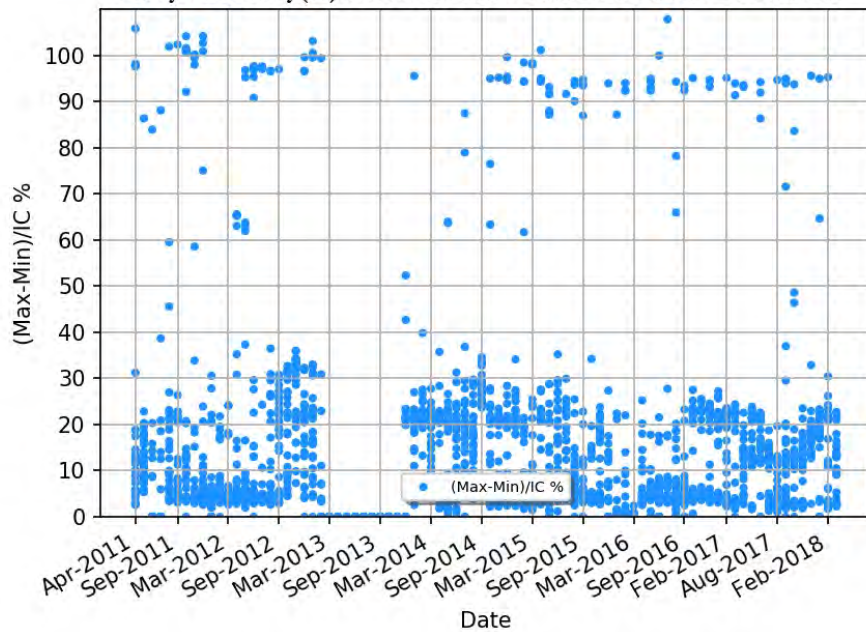
Daily Max Generation : KORBA-EAST EXT TPS UNIT - 1 250 MW



Daily Min Generation : KORBA-EAST EXT TPS UNIT - 1 250 MW



Daily Flexibility(%) : KORBA-EAST EXT TPS UNIT - 1 250 MW

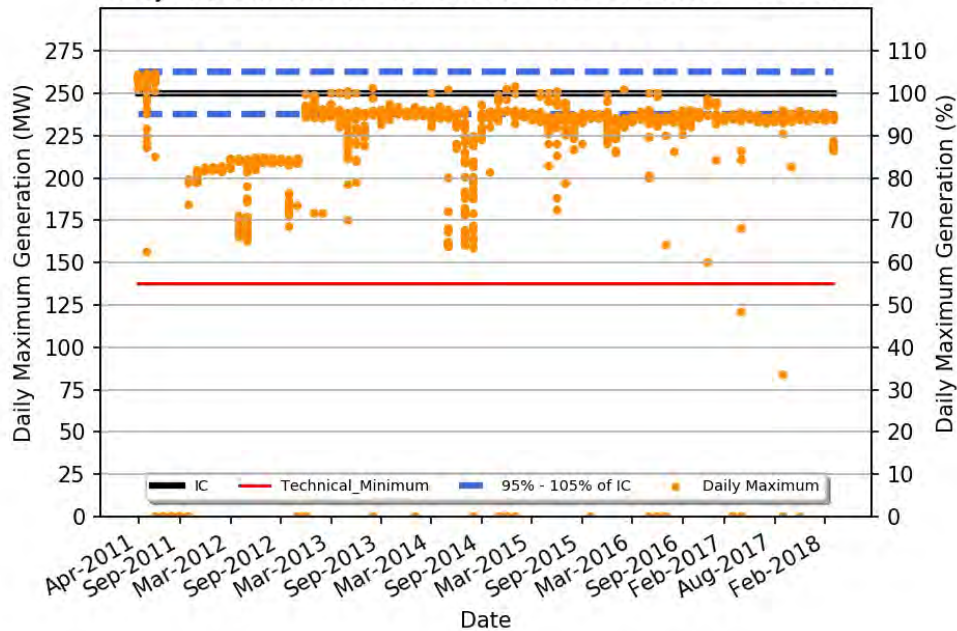


**KORBA-EAST EXT TPS UNIT - 1 250 MW**

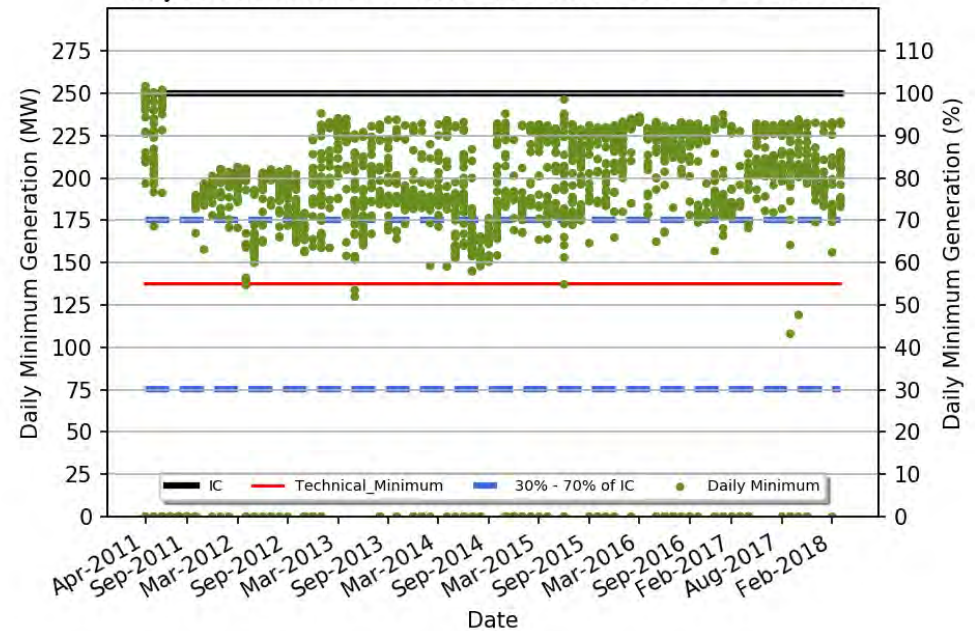
Region	: Western Region
Number of Days Considered	: 2131
No. Of Days Max Generation Achieved	: 54 (%)
(% of total days in operation)	
No. Of Days Min Generation Achieved	: 12 (%)
(% of total days in operation)	
Average Flexibility	: 16 (%)
Average Daily Max (MW)	: 236
Daily Average (MW)	: 223
Average Daily Min (MW)	: 194
Average Daily Max/ IC (%)	: 94
Daily Average/IC (%)	: 89
Average Daily Min/IC (%)	: 77
Variable Charge (Paisa/kWh)	: 133



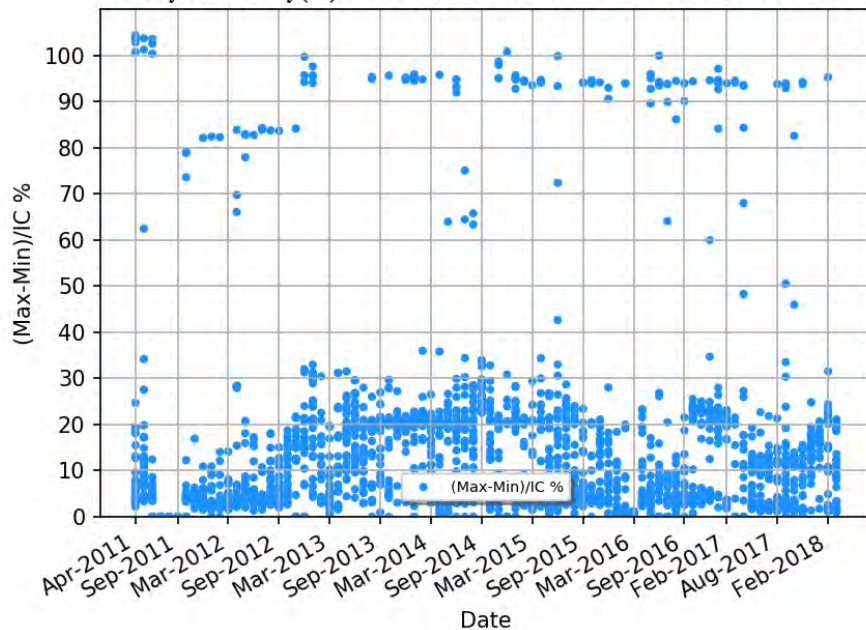
Daily Max Generation : KORBA-EAST EXT TPS UNIT - 2 250 MW



Daily Min Generation : KORBA-EAST EXT TPS UNIT - 2 250 MW



Daily Flexibility(%) : KORBA-EAST EXT TPS UNIT - 2 250 MW

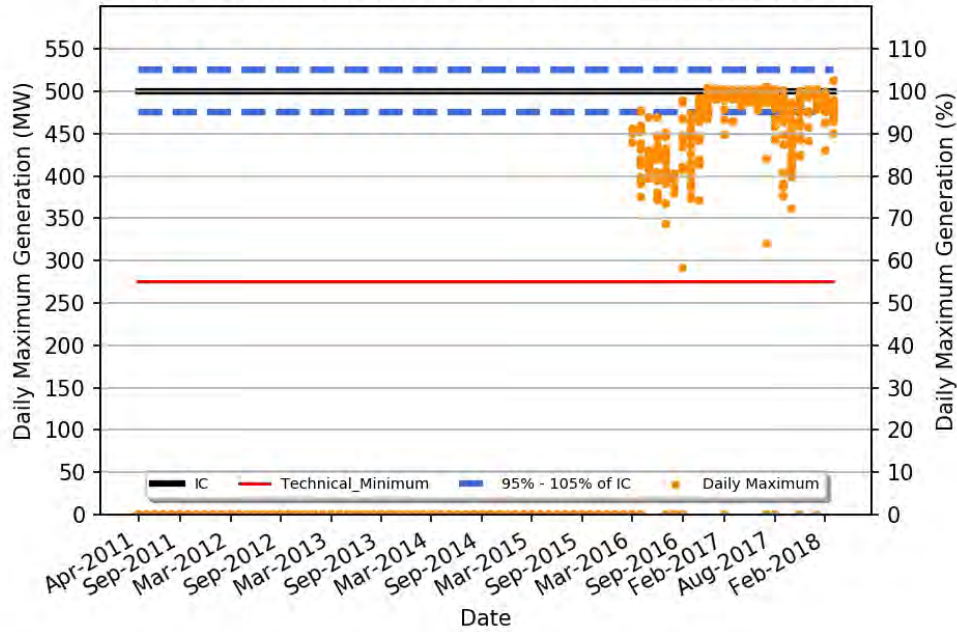


**KORBA-EAST EXT TPS UNIT - 2 250 MW**

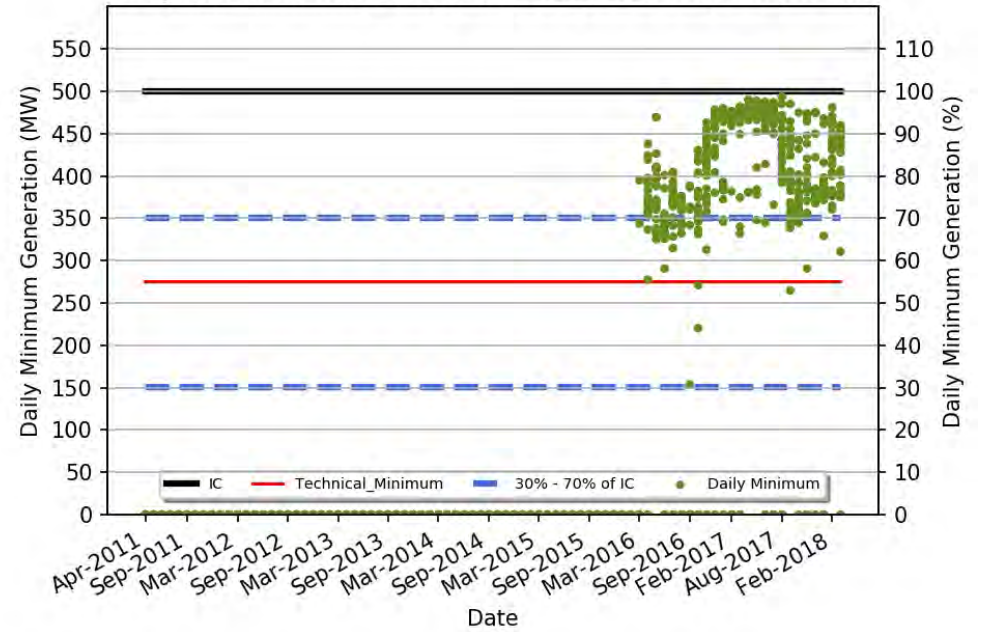
Region	: Western Region
Number of Days Considered	: 2299
No. Of Days Max Generation Achieved	: 28 (%)
(% of total days in operation)	
No. Of Days Min Generation Achieved	: 11 (%)
(% of total days in operation)	
Average Flexibility	: 14 (%)
Average Daily Max (MW)	: 229
Daily Average (MW)	: 218
Average Daily Min (MW)	: 193
Average Daily Max/ IC (%)	: 91
Daily Average/IC (%)	: 87
Average Daily Min/IC (%)	: 77
Variable Charge (Paisa/kWh)	: 133



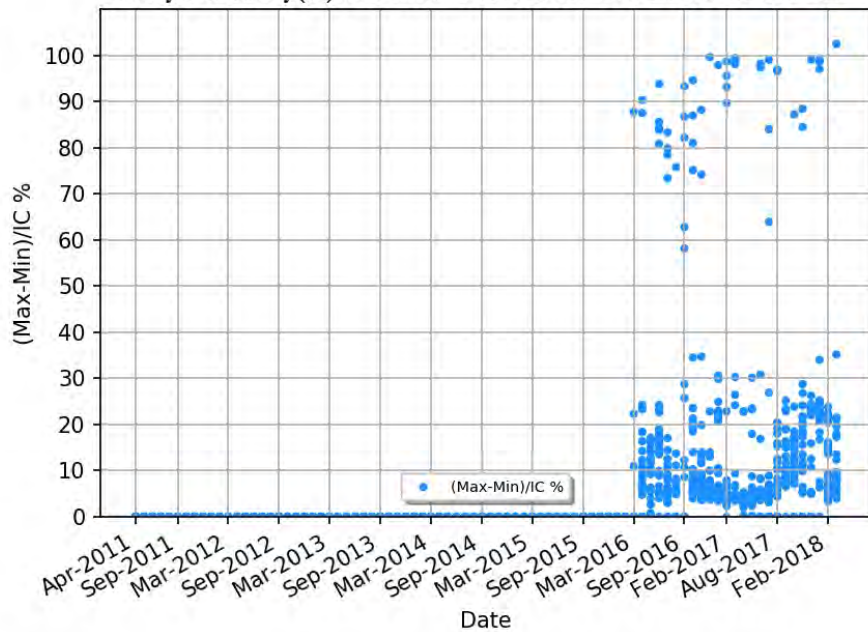
Daily Max Generation : KORBA-WEST EXT TPS UNIT - 1 500 MW



Daily Min Generation : KORBA-WEST EXT TPS UNIT - 1 500 MW



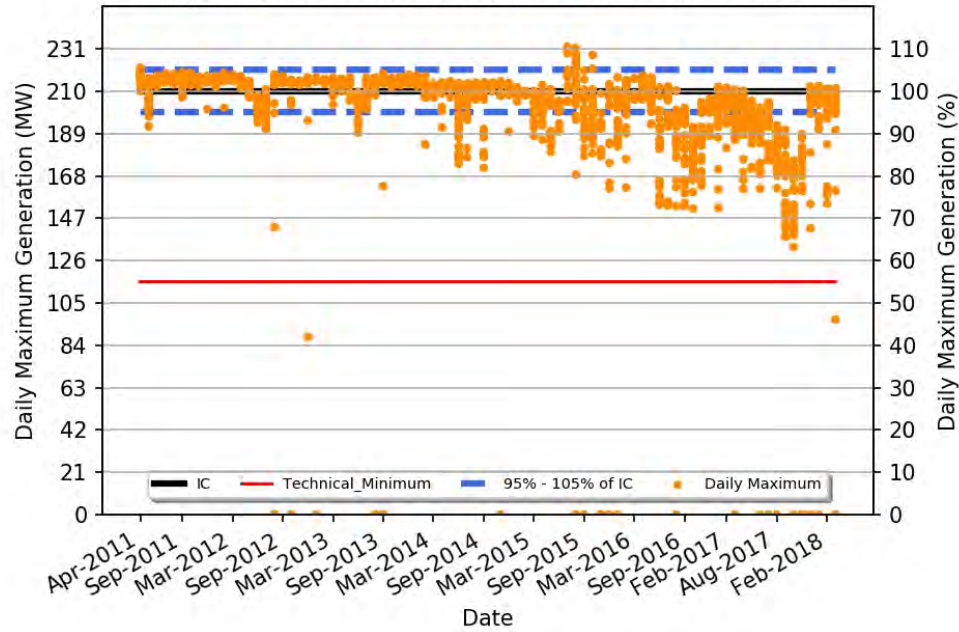
Daily Flexibility(%): KORBA-WEST EXT TPS UNIT - 1 500 MW



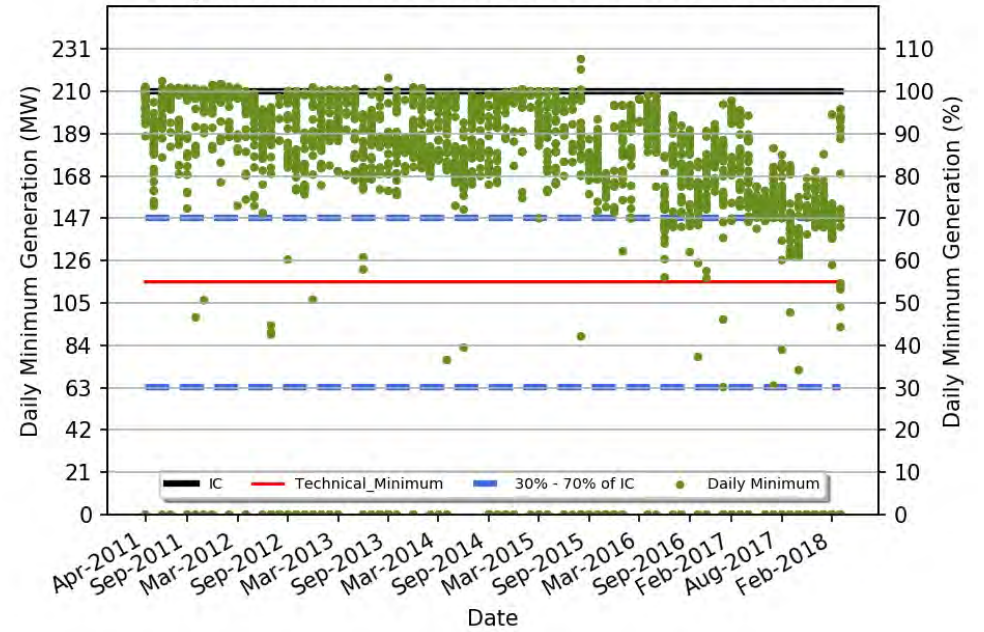
**KORBA-WEST EXT TPS UNIT - 1 500 MW**

<b>Region</b>	<b>: Western Region</b>
<b>Number of Days Considered</b>	<b>: 659</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 60 (%)</b>
(% of total days in operation)	
<b>No. Of Days Min Generation Achieved</b>	<b>: 9 (%)</b>
(% of total days in operation)	
<b>Average Flexibility</b>	<b>: 14 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 466</b>
<b>Daily Average (MW)</b>	<b>: 442</b>
<b>Average Daily Min (MW)</b>	<b>: 394</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 93</b>
<b>Daily Average/IC (%)</b>	<b>: 88</b>
<b>Average Daily Min/IC (%)</b>	<b>: 78</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 199</b>

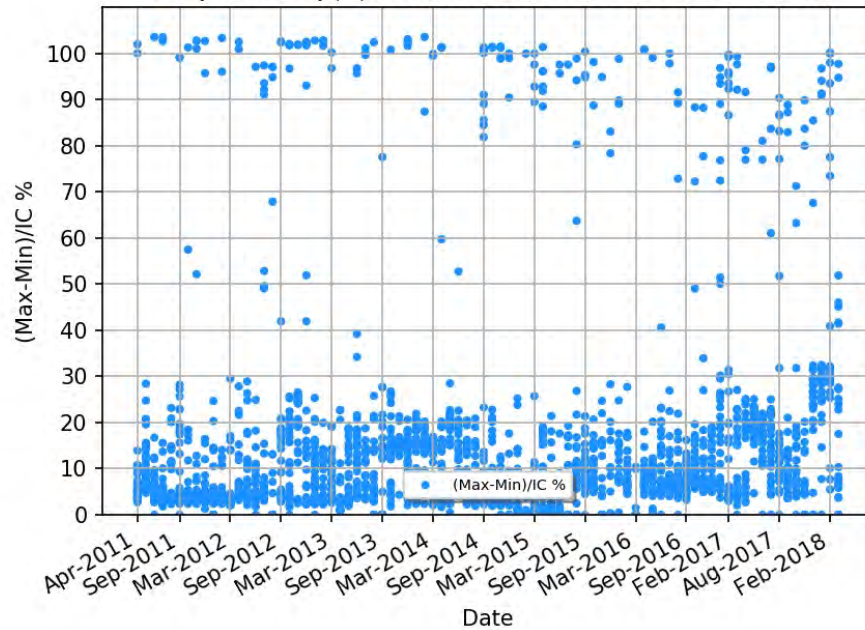
Daily Max Generation : KORBA-WEST TPS UNIT - 1 210 MW



Daily Min Generation : KORBA-WEST TPS UNIT - 1 210 MW



Daily Flexibility(%): KORBA-WEST TPS UNIT - 1 210 MW

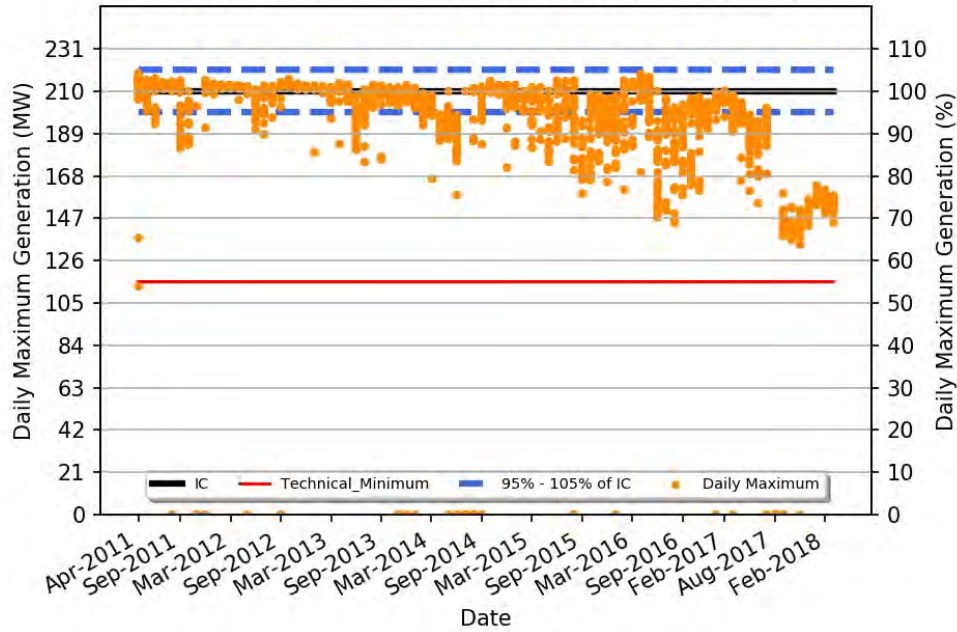


**KORBA-WEST TPS UNIT - 1 210 MW**

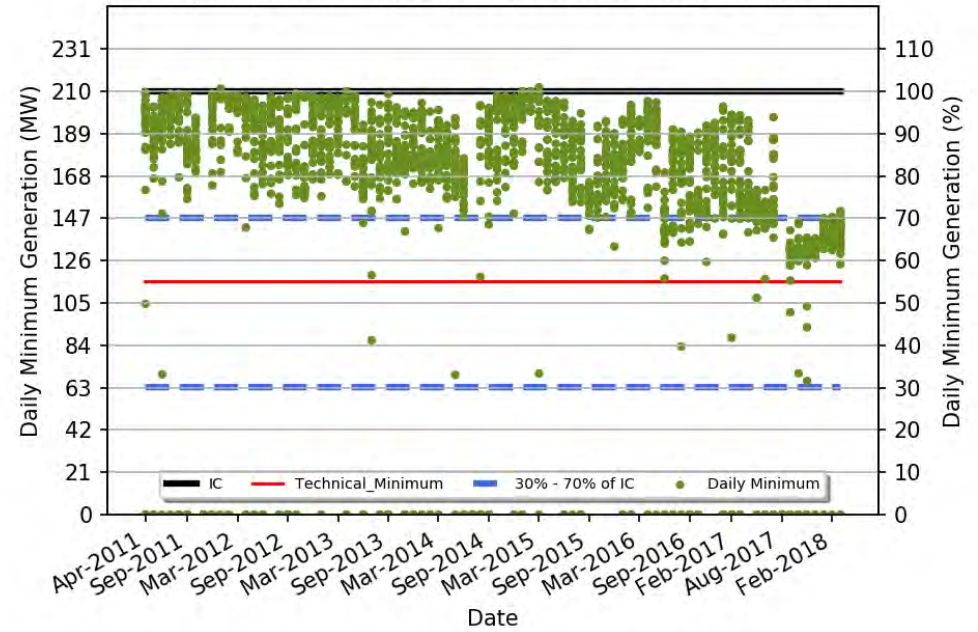
<b>Region</b>	<b>: Western Region</b>
<b>Number of Days Considered</b>	<b>: 2409</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 77 (%)</b>
(% of total days in operation)	
<b>No. Of Days Min Generation Achieved</b>	<b>: 5 (%)</b>
(% of total days in operation)	
<b>Average Flexibility</b>	<b>: 15 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 205</b>
<b>Daily Average (MW)</b>	<b>: 194</b>
<b>Average Daily Min (MW)</b>	<b>: 173</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 97</b>
<b>Daily Average/IC (%)</b>	<b>: 92</b>
<b>Average Daily Min/IC (%)</b>	<b>: 82</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 155</b>



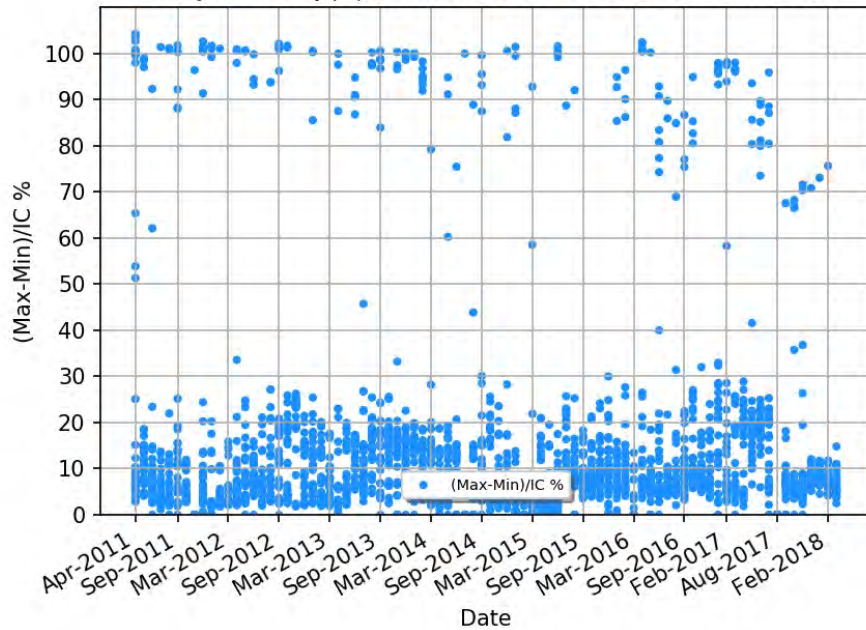
Daily Max Generation : KORBA-WEST TPS UNIT - 2 210 MW



Daily Min Generation : KORBA-WEST TPS UNIT - 2 210 MW



Daily Flexibility(%): KORBA-WEST TPS UNIT - 2 210 MW

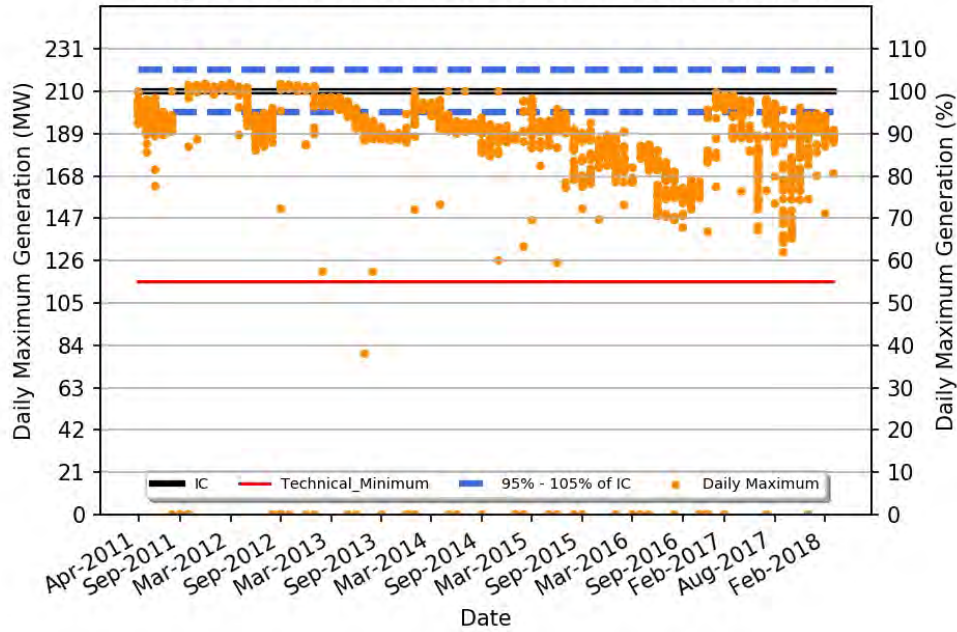


### KORBA-WEST TPS UNIT - 2 210 MW

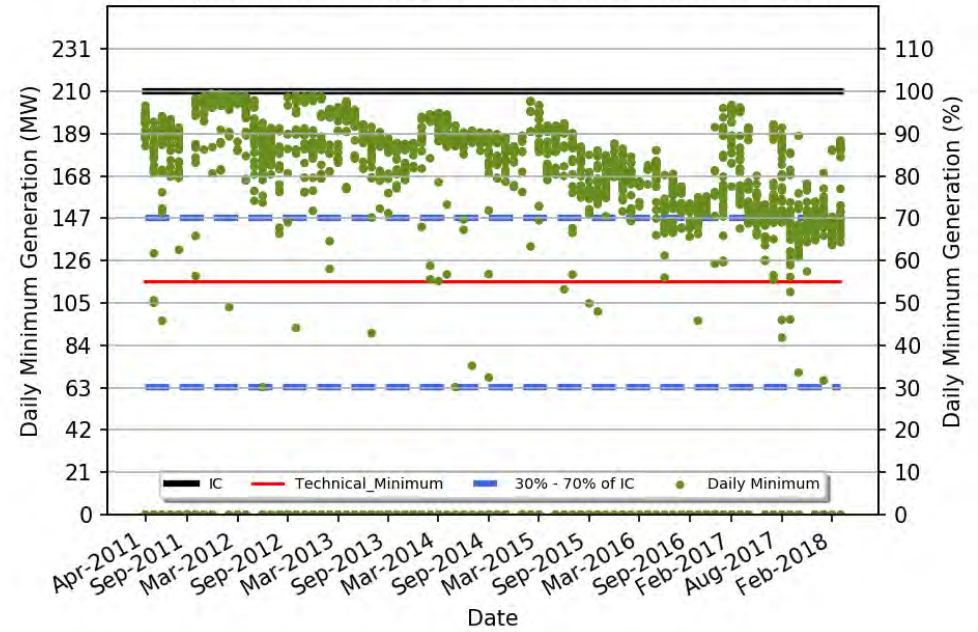
Region	: Western Region
Number of Days Considered	: 2371
No. Of Days Max Generation Achieved	: 64 (%)
(% of total days in operation)	
No. Of Days Min Generation Achieved	: 11 (%)
(% of total days in operation)	
Average Flexibility	: 14 (%)
Average Daily Max (MW)	: 198
Daily Average (MW)	: 187
Average Daily Min (MW)	: 168
Average Daily Max/ IC (%)	: 94
Daily Average/IC (%)	: 89
Average Daily Min/IC (%)	: 80
Variable Charge (Paisa/kWh)	: 155



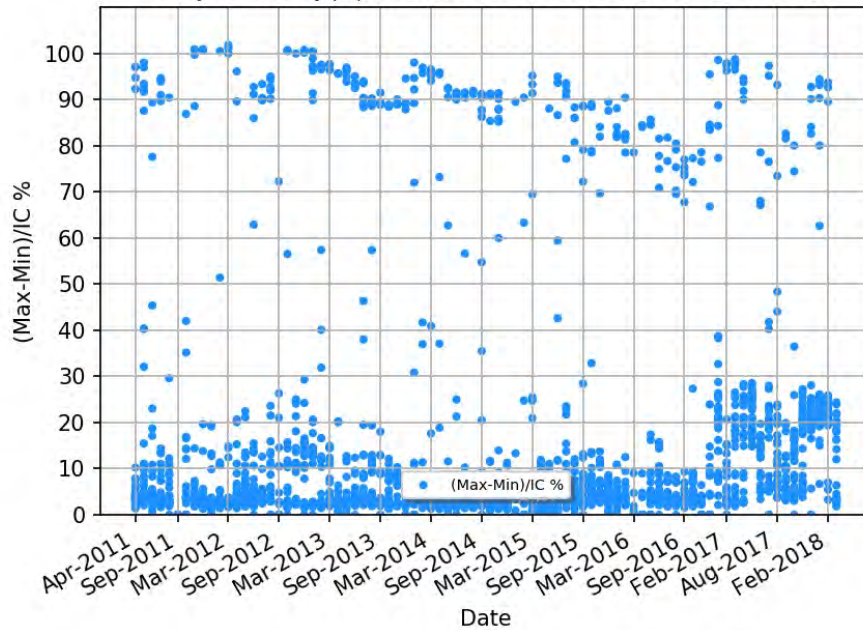
Daily Max Generation : KORBA-WEST TPS UNIT - 3 210 MW



Daily Min Generation : KORBA-WEST TPS UNIT - 3 210 MW



Daily Flexibility(%): KORBA-WEST TPS UNIT - 3 210 MW

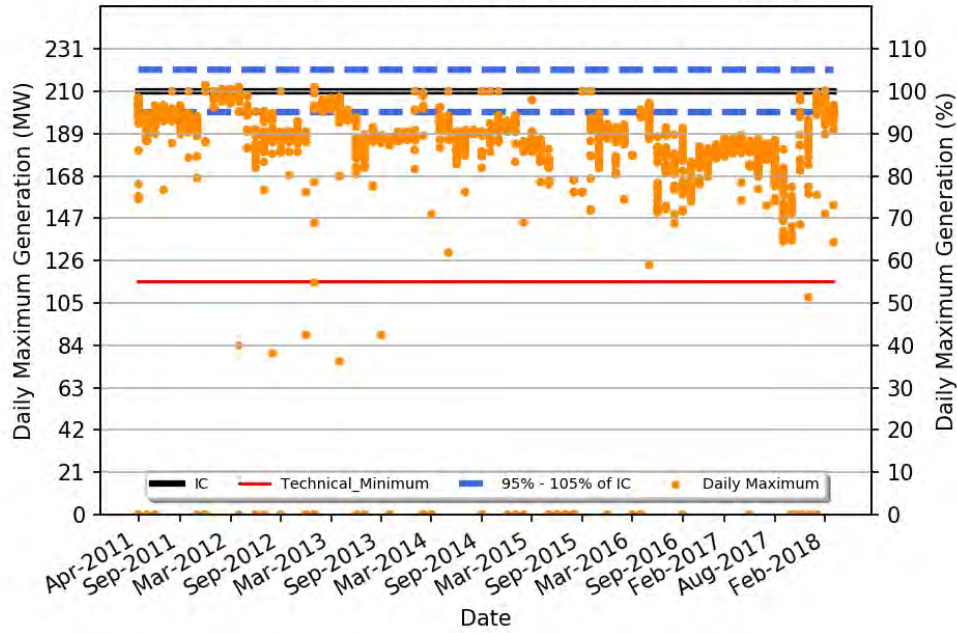


### KORBA-WEST TPS UNIT - 3 210 MW

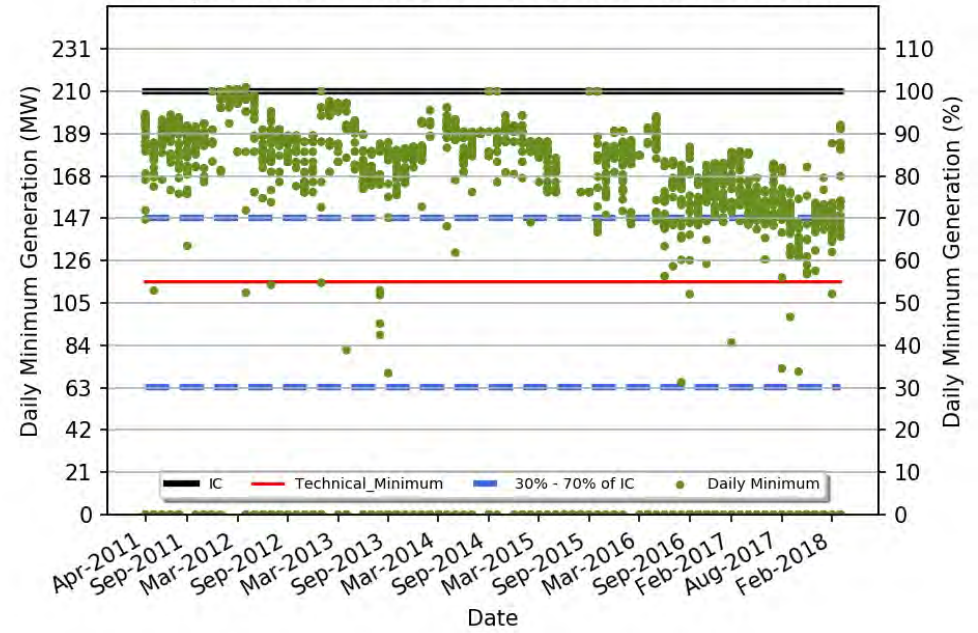
<b>Region</b>	<b>: Western Region</b>
<b>Number of Days Considered</b>	<b>: 2261</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 32 (%)</b>
(% of total days in operation)	
<b>No. Of Days Min Generation Achieved</b>	<b>: 10 (%)</b>
(% of total days in operation)	
<b>Average Flexibility</b>	<b>: 15 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 191</b>
<b>Daily Average (MW)</b>	<b>: 180</b>
<b>Average Daily Min (MW)</b>	<b>: 158</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 91</b>
<b>Daily Average/IC (%)</b>	<b>: 85</b>
<b>Average Daily Min/IC (%)</b>	<b>: 75</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 155</b>



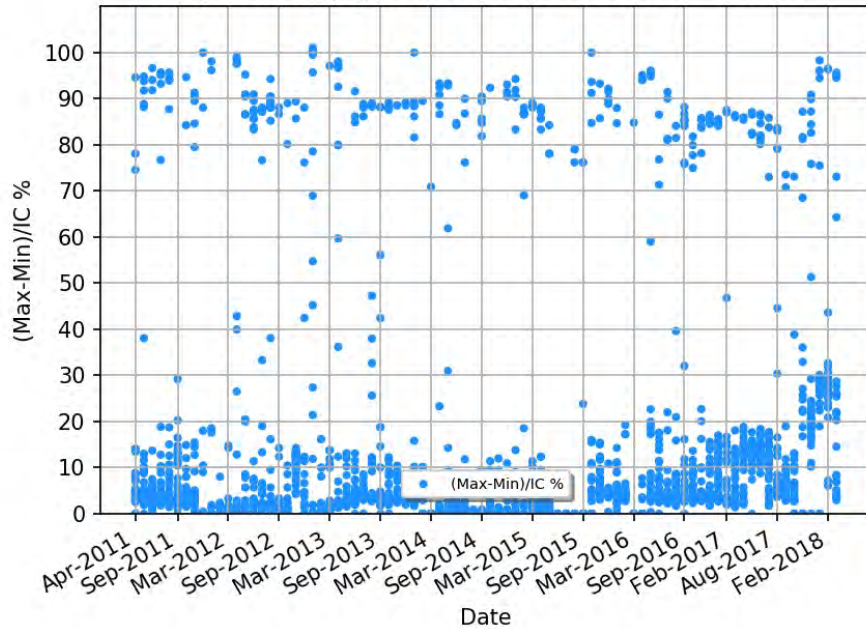
Daily Max Generation : KORBA-WEST TPS UNIT - 4 210 MW



Daily Min Generation : KORBA-WEST TPS UNIT - 4 210 MW



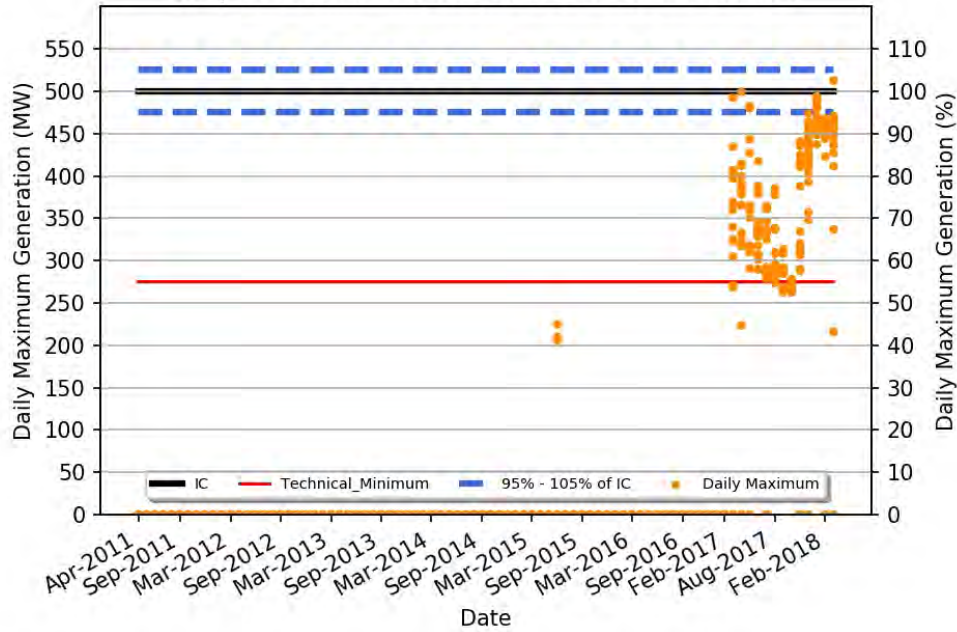
Daily Flexibility(%): KORBA-WEST TPS UNIT - 4 210 MW



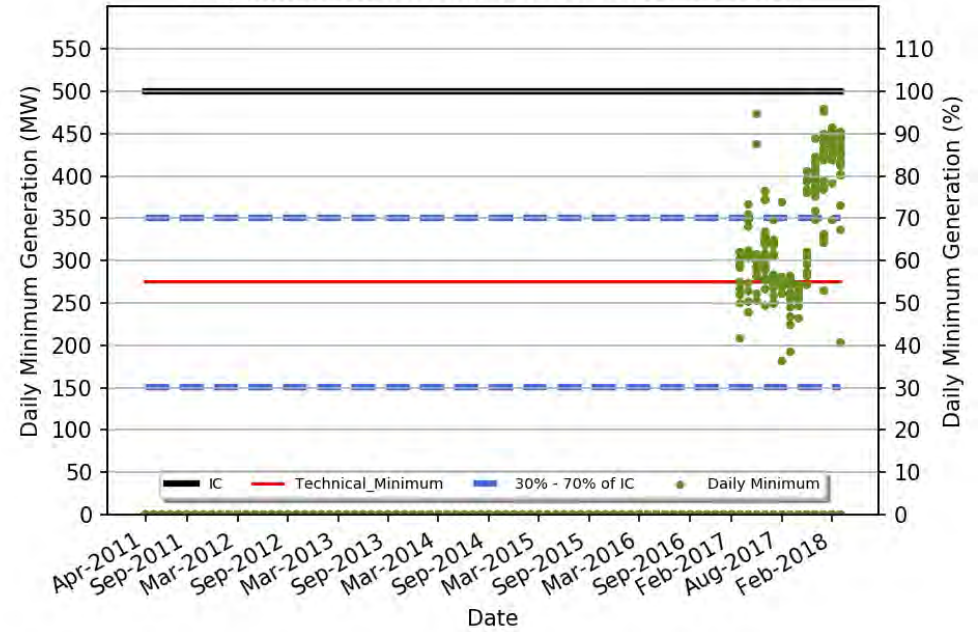
### KORBA-WEST TPS UNIT - 4 210 MW

Region	: Western Region
Number of Days Considered	: 2190
No. Of Days Max Generation Achieved	: 19 (%)
(% of total days in operation)	
No. Of Days Min Generation Achieved	: 8 (%)
(% of total days in operation)	
Average Flexibility	: 13 (%)
Average Daily Max (MW)	: 187
Daily Average (MW)	: 178
Average Daily Min (MW)	: 159
Average Daily Max/ IC (%)	: 89
Daily Average/IC (%)	: 84
Average Daily Min/IC (%)	: 76
Variable Charge (Paisa/kWh)	: 155

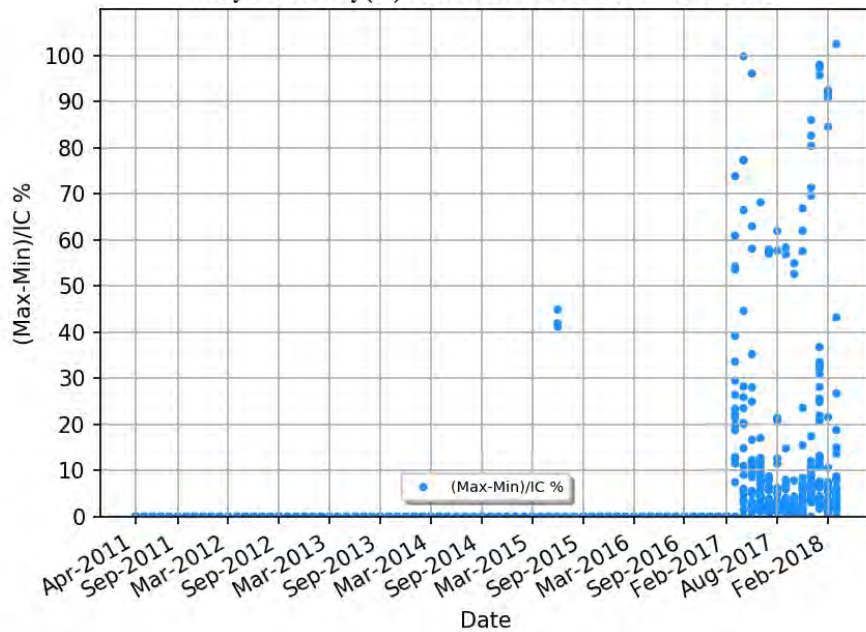
Daily Max Generation : MARWA TPS UNIT - 1 500 MW



Daily Min Generation : MARWA TPS UNIT - 1 500 MW



Daily Flexibility(%) : MARWA TPS UNIT - 1 500 MW

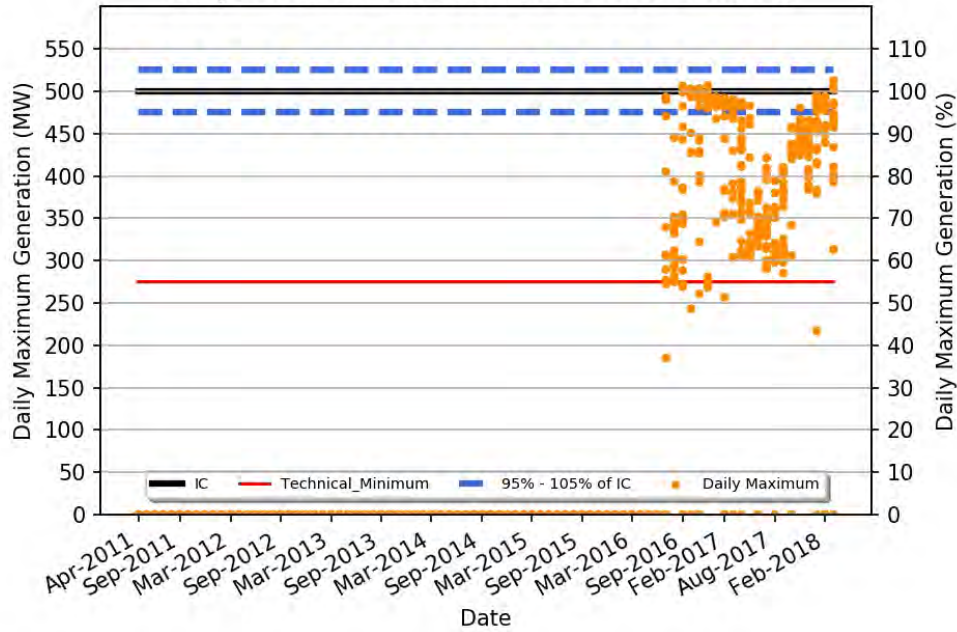


**MARWA TPS UNIT - 1 500 MW**

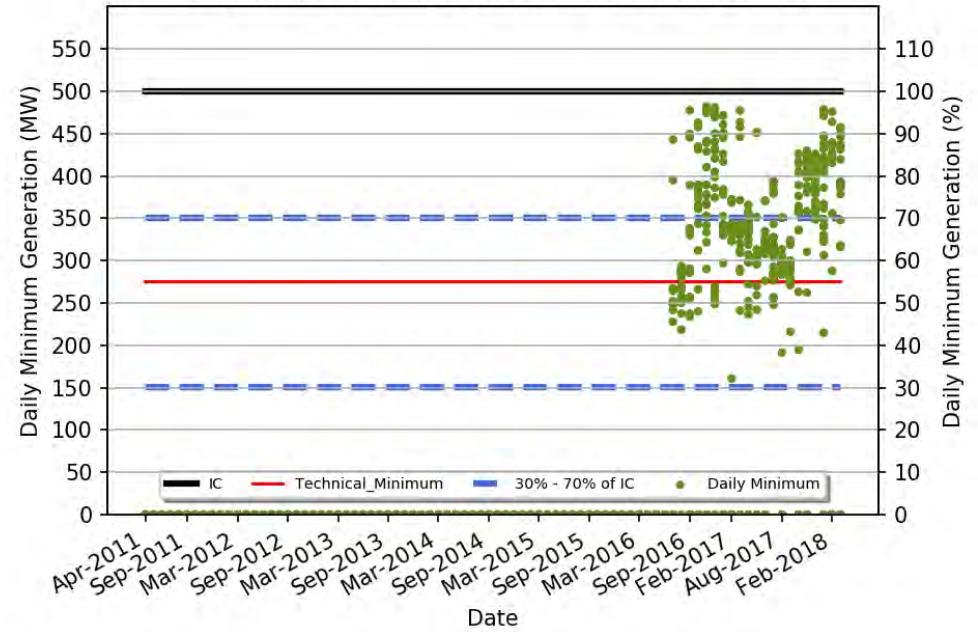
<b>Region</b>	<b>: Western Region</b>
<b>Number of Days Considered</b>	<b>: 333</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 7 (%)</b>
<i>(% of total days in operation)</i>	
<b>No. Of Days Min Generation Achieved</b>	<b>: 61 (%)</b>
<i>(% of total days in operation)</i>	
<b>Average Flexibility</b>	<b>: 13 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 364</b>
<b>Daily Average (MW)</b>	<b>: 339</b>
<b>Average Daily Min (MW)</b>	<b>: 296</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 72</b>
<b>Daily Average/IC (%)</b>	<b>: 67</b>
<b>Average Daily Min/IC (%)</b>	<b>: 59</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 160</b>



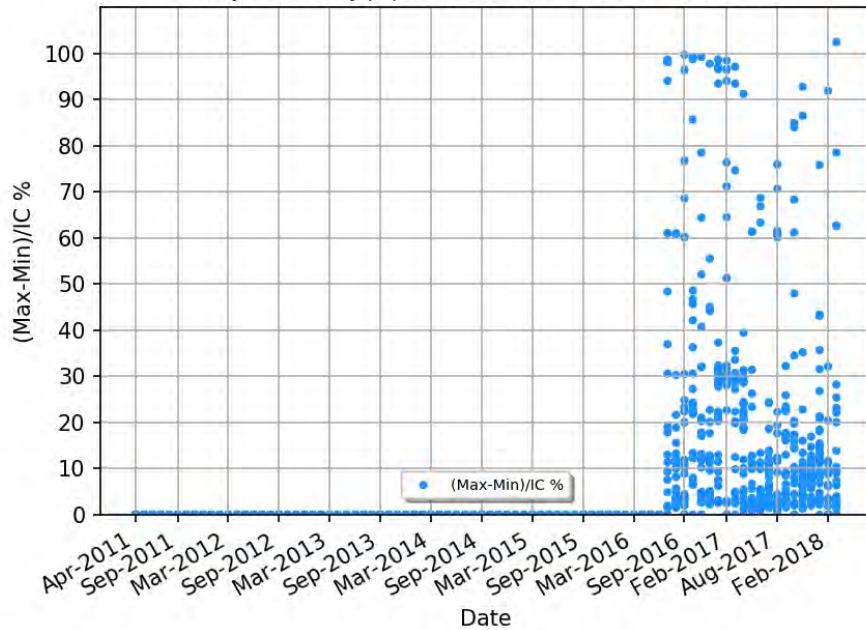
Daily Max Generation : MARWA TPS UNIT - 2 500 MW



Daily Min Generation : MARWA TPS UNIT - 2 500 MW



Daily Flexibility(%) : MARWA TPS UNIT - 2 500 MW



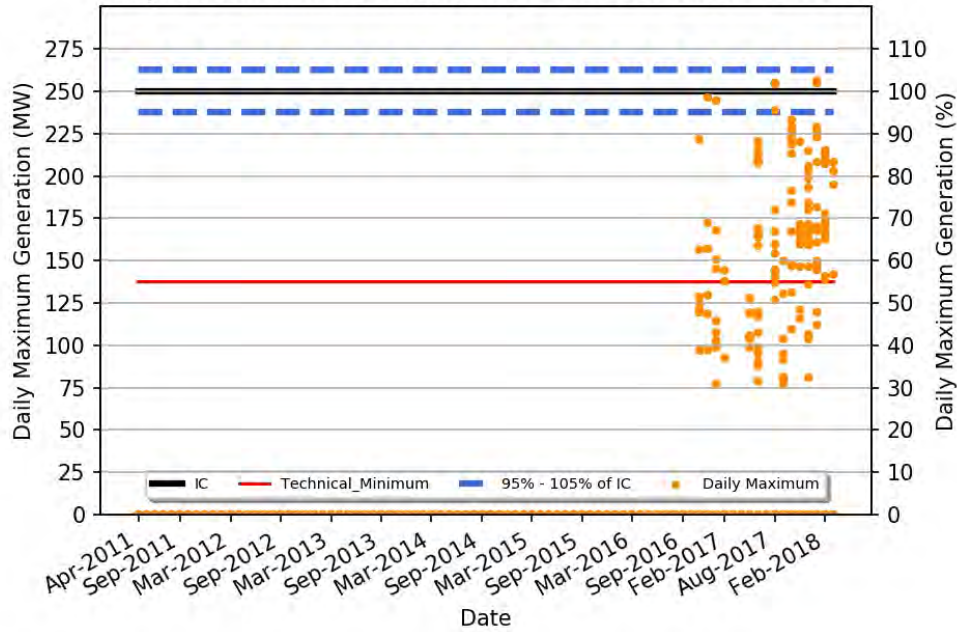
**MARWA TPS UNIT - 2 500 MW**

<b>Region</b>	<b>: Western Region</b>
<b>Number of Days Considered</b>	<b>: 550</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 31 (%)</b>
(% of total days in operation)	
<b>No. Of Days Min Generation Achieved</b>	<b>: 53 (%)</b>
(% of total days in operation)	
<b>Average Flexibility</b>	<b>: 18 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 411</b>
<b>Daily Average (MW)</b>	<b>: 374</b>
<b>Average Daily Min (MW)</b>	<b>: 318</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 82</b>
<b>Daily Average/IC (%)</b>	<b>: 74</b>
<b>Average Daily Min/IC (%)</b>	<b>: 63</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 160</b>

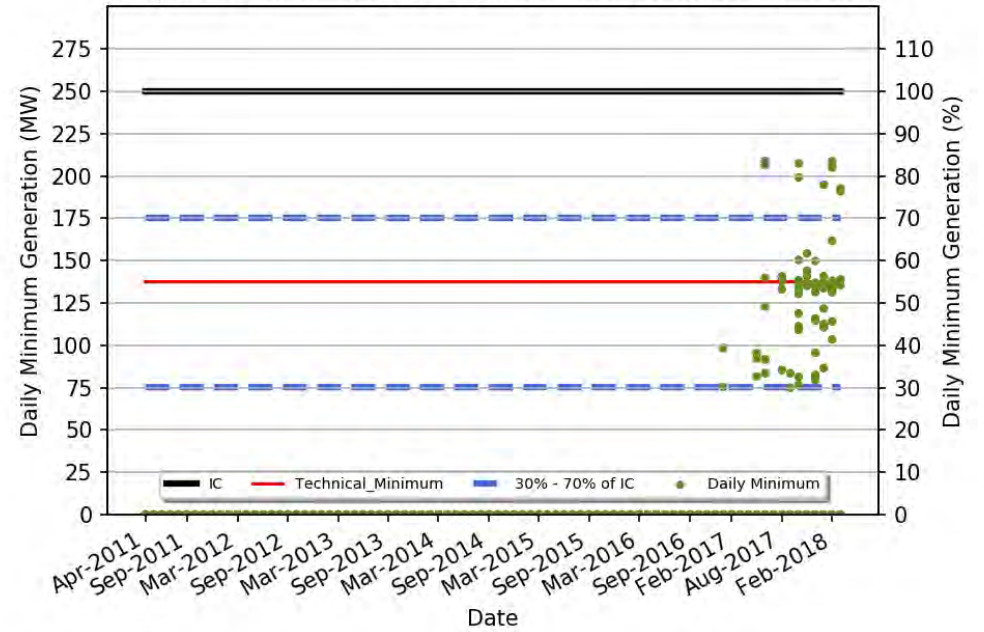
# GUJARAT



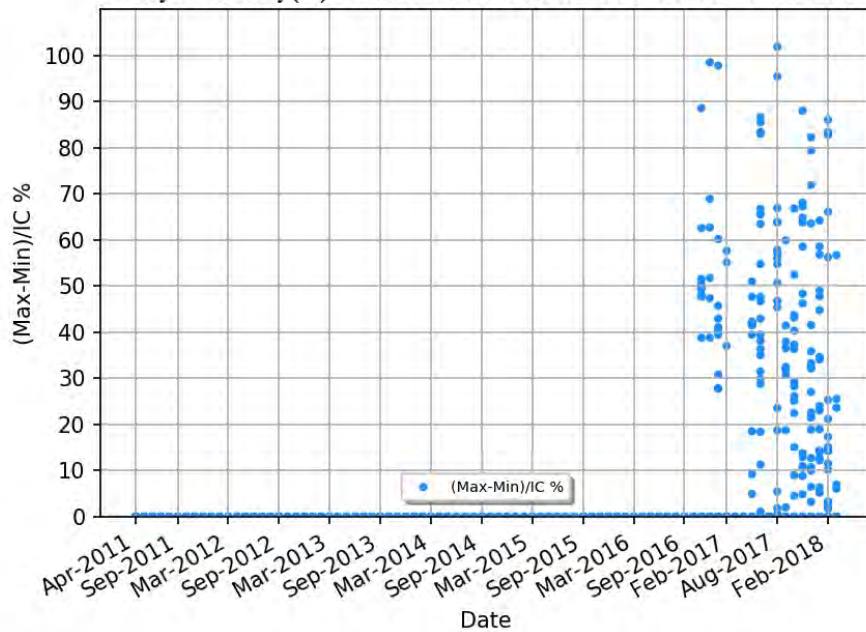
Daily Max Generation : BHAVNAGAR CFBC TPP UNIT - 1 250 MW



Daily Min Generation : BHAVNAGAR CFBC TPP UNIT - 1 250 MW



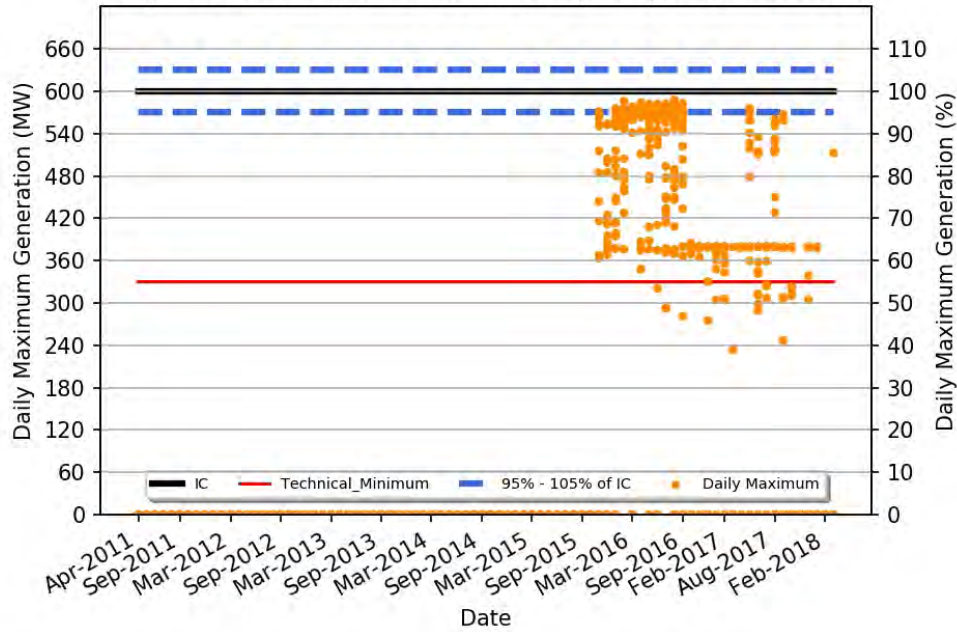
Daily Flexibility(%) : BHAVNAGAR CFBC TPP UNIT - 1 250 MW



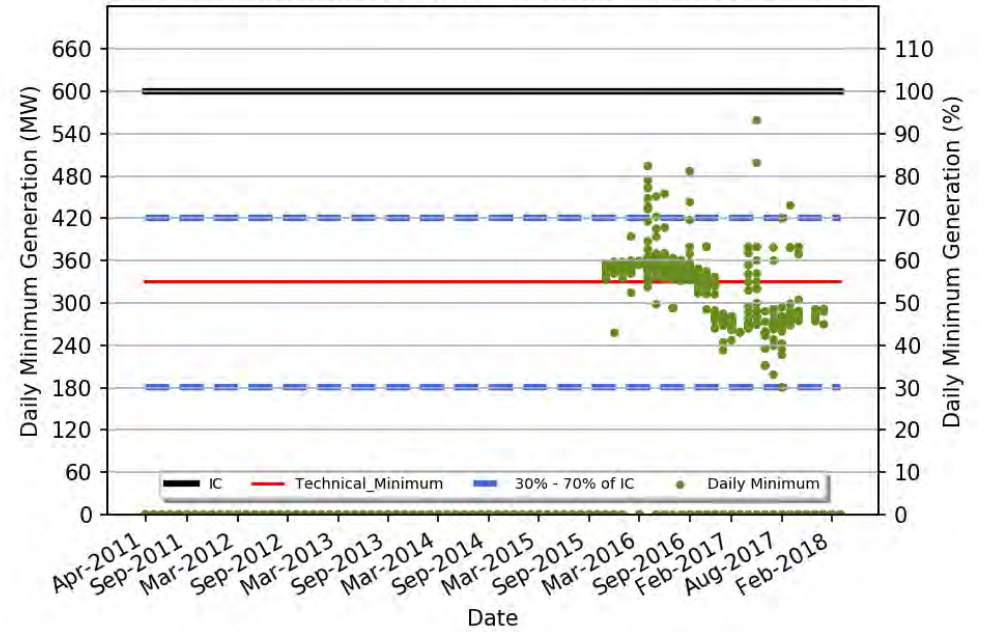
**BHAVNAGAR CFBC TPP UNIT - 1 250 MW**

<b>Region</b>	<b>: Western Region</b>
<b>Number of Days Considered</b>	<b>: 126</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 6 (%)</b>
(% of total days in operation)	
<b>No. Of Days Min Generation Achieved</b>	<b>: 58 (%)</b>
(% of total days in operation)	
<b>Average Flexibility</b>	<b>: 34 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 180</b>
<b>Daily Average (MW)</b>	<b>: 145</b>
<b>Average Daily Min (MW)</b>	<b>: 94</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 72</b>
<b>Daily Average/IC (%)</b>	<b>: 58</b>
<b>Average Daily Min/IC (%)</b>	<b>: 37</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 263</b>

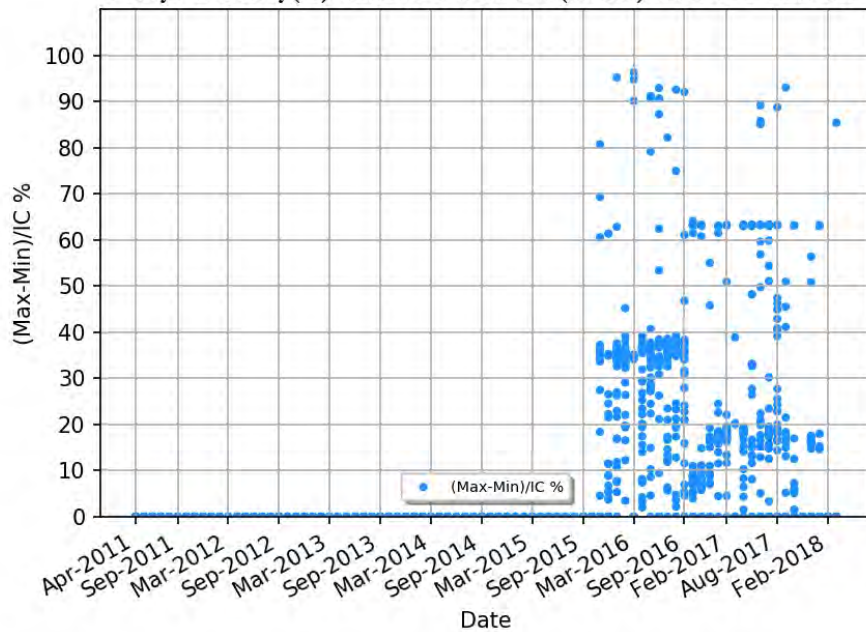
Daily Max Generation : ESSAR VADINAR(EPGL) UNIT - 1 600 MW



Daily Min Generation : ESSAR VADINAR(EPGL) UNIT - 1 600 MW



Daily Flexibility(%) : ESSAR VADINAR(EPGL) UNIT - 1 600 MW

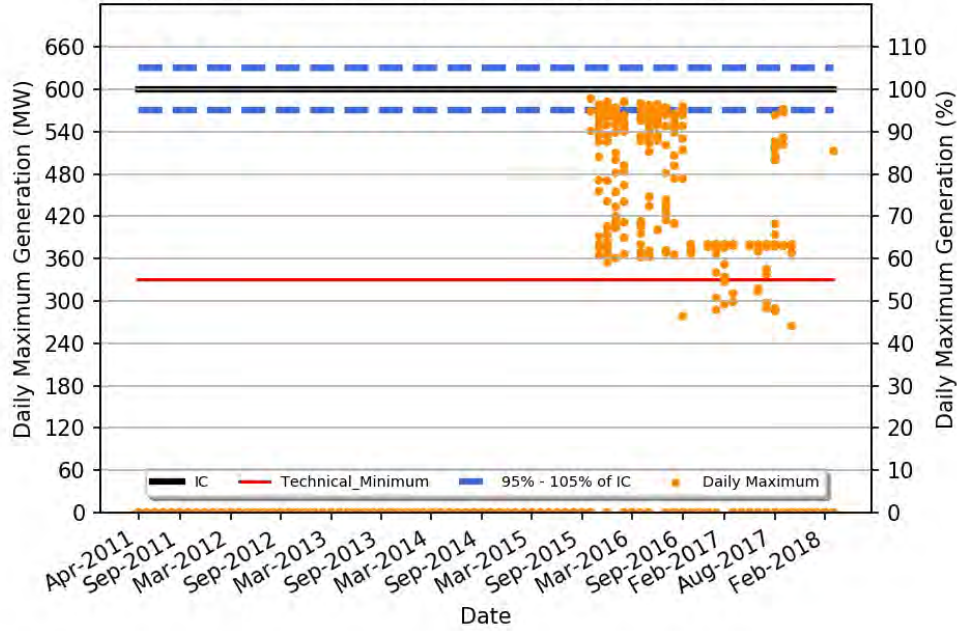


**ESSAR VADINAR(EPGL) UNIT - 1 600 MW**

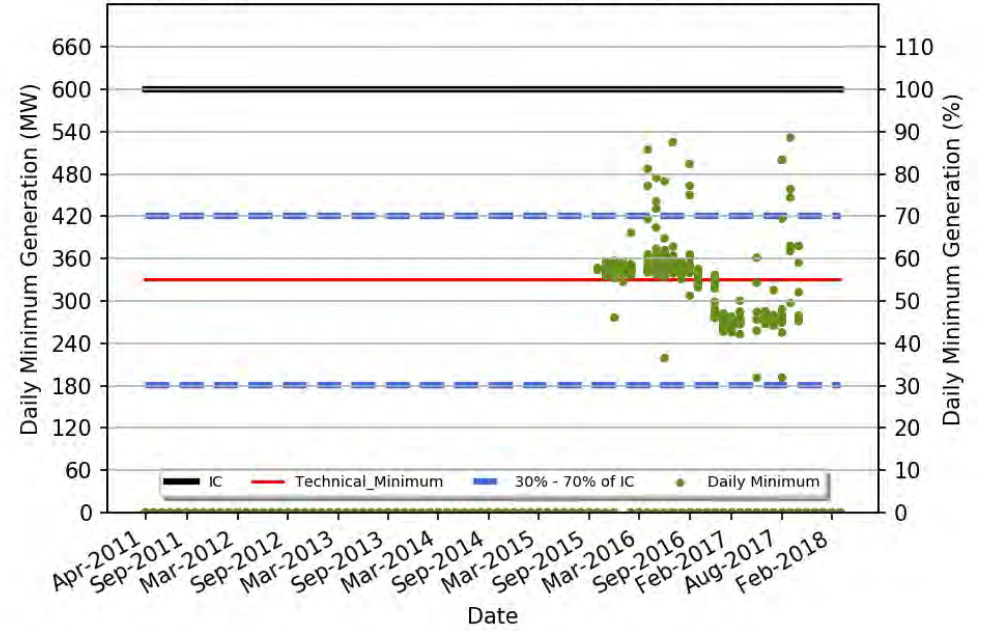
<b>Region</b>	<b>: Western Region</b>
<b>Number of Days Considered</b>	<b>: 515</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 10 (%)</b>
(% of total days in operation)	
<b>No. Of Days Min Generation Achieved</b>	<b>: 86 (%)</b>
(% of total days in operation)	
<b>Average Flexibility</b>	<b>: 26 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 450</b>
<b>Daily Average (MW)</b>	<b>: 378</b>
<b>Average Daily Min (MW)</b>	<b>: 292</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 75</b>
<b>Daily Average/IC (%)</b>	<b>: 63</b>
<b>Average Daily Min/IC (%)</b>	<b>: 48</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 302</b>



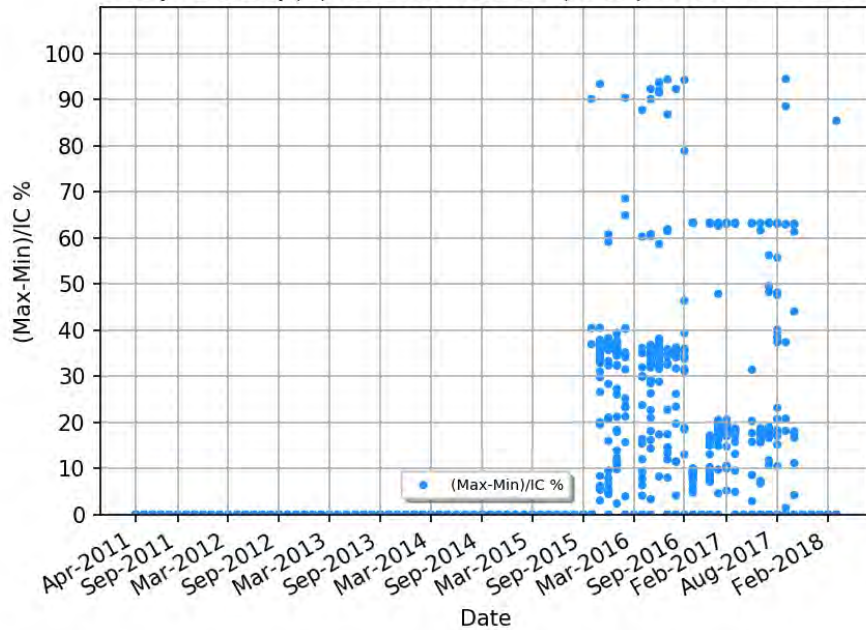
Daily Max Generation : ESSAR VADINAR(EPGL) UNIT - 2 600 MW



Daily Min Generation : ESSAR VADINAR(EPGL) UNIT - 2 600 MW



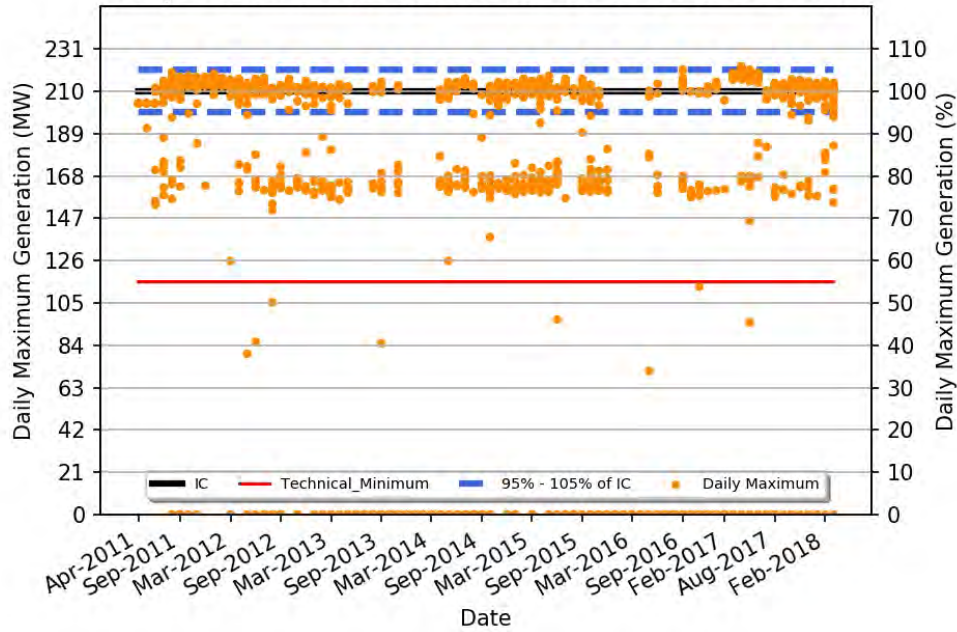
Daily Flexibility(%) : ESSAR VADINAR(EPGL) UNIT - 2 600 MW



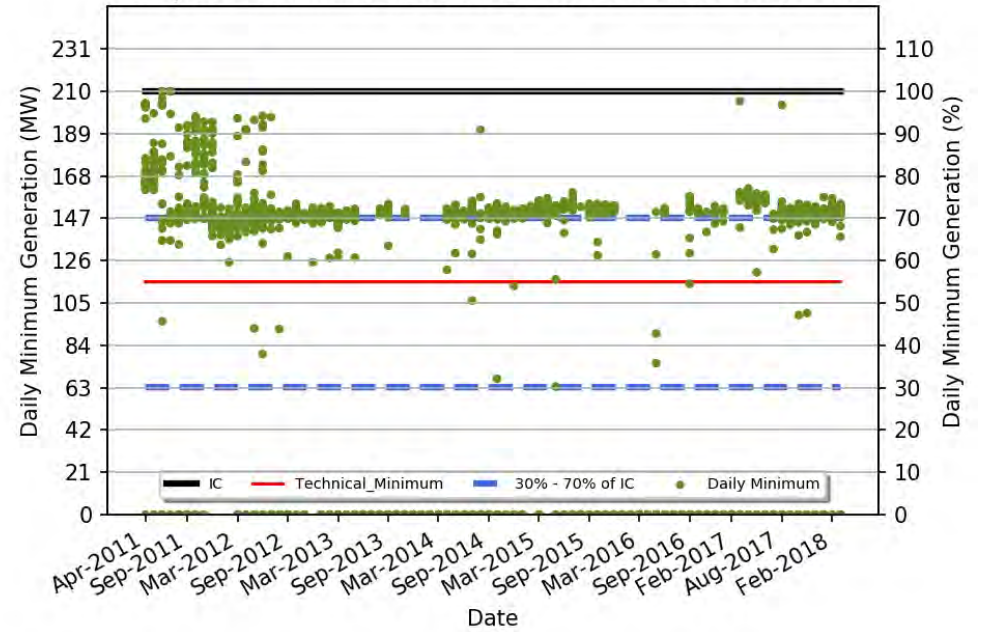
**ESSAR VADINAR(EPGL) UNIT - 2 600 MW**

<b>Region</b>	<b>: Western Region</b>
<b>Number of Days Considered</b>	<b>: 410</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 9 (%)</b>
<i>(% of total days in operation)</i>	
<b>No. Of Days Min Generation Achieved</b>	<b>: 83 (%)</b>
<i>(% of total days in operation)</i>	
<b>Average Flexibility</b>	<b>: 27 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 458</b>
<b>Daily Average (MW)</b>	<b>: 377</b>
<b>Average Daily Min (MW)</b>	<b>: 290</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 76</b>
<b>Daily Average/IC (%)</b>	<b>: 62</b>
<b>Average Daily Min/IC (%)</b>	<b>: 48</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 302</b>

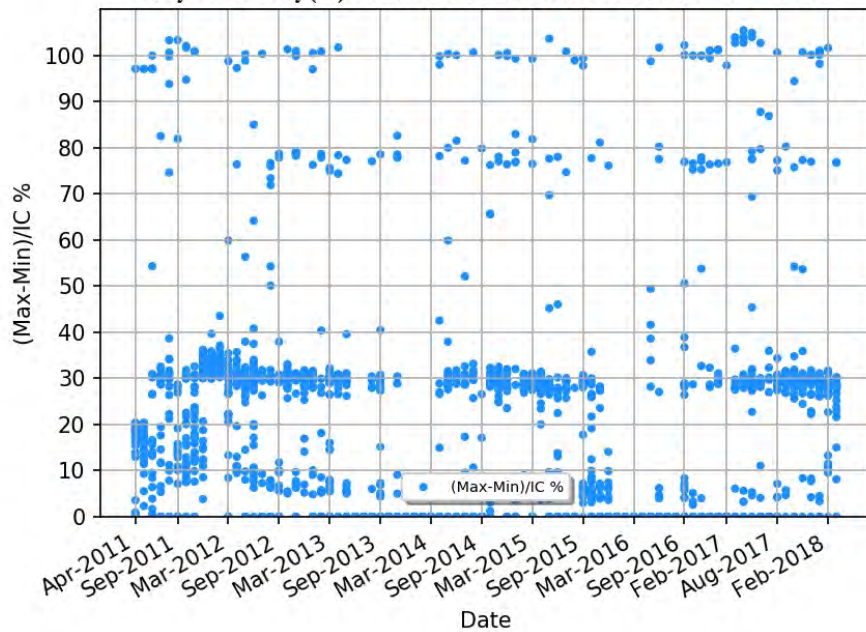
Daily Max Generation : GANDHI NAGAR TPS UNIT - 3 210 MW



Daily Min Generation : GANDHI NAGAR TPS UNIT - 3 210 MW



Daily Flexibility(%) : GANDHI NAGAR TPS UNIT - 3 210 MW

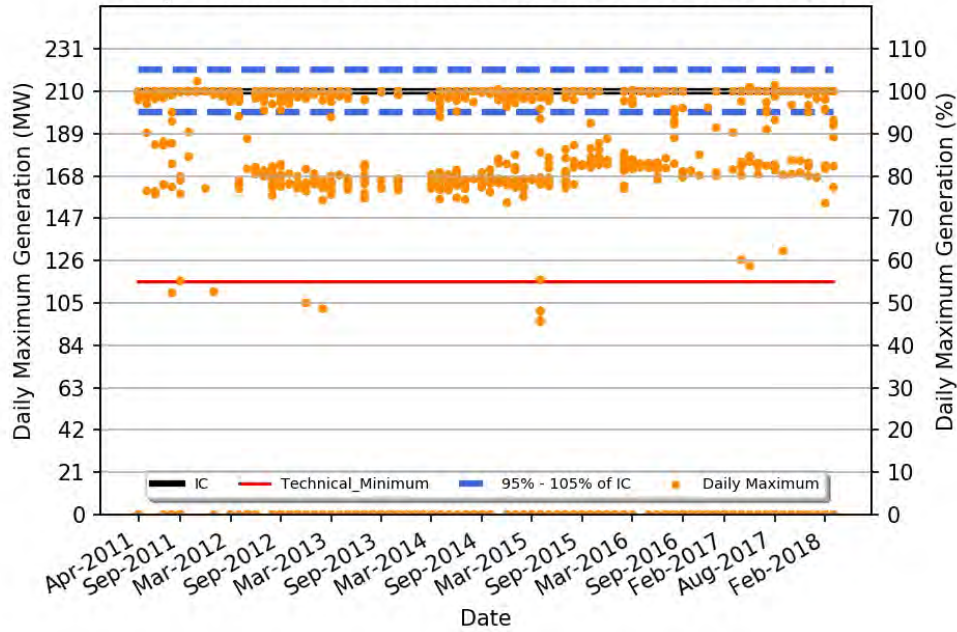


### GANDHI NAGAR TPS UNIT - 3 210 MW

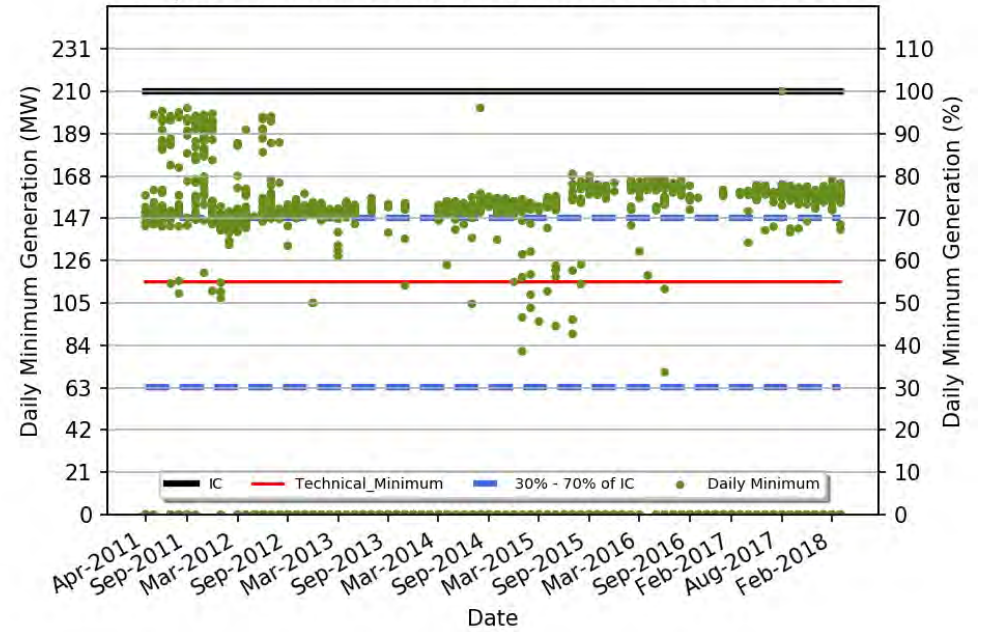
Region	: Western Region
Number of Days Considered	: 1406
No. Of Days Max Generation Achieved	: 76 (%)
(% of total days in operation)	
No. Of Days Min Generation Achieved	: 19 (%)
(% of total days in operation)	
Average Flexibility	: 29 (%)
Average Daily Max (MW)	: 200
Daily Average (MW)	: 170
Average Daily Min (MW)	: 138
Average Daily Max/ IC (%)	: 95
Daily Average/IC (%)	: 81
Average Daily Min/IC (%)	: 66
Variable Charge (Paisa/kWh)	: 422



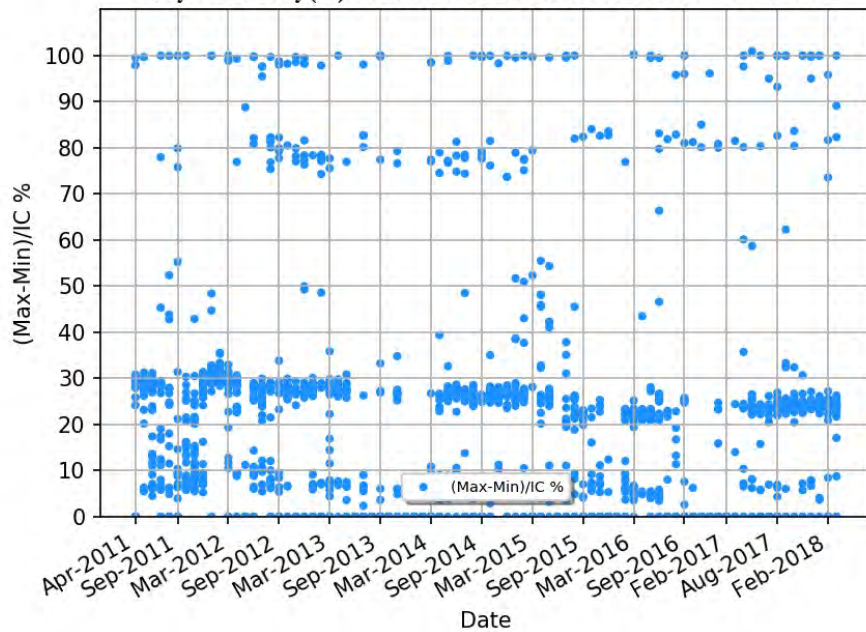
Daily Max Generation : GANDHI NAGAR TPS UNIT - 4 210 MW



Daily Min Generation : GANDHI NAGAR TPS UNIT - 4 210 MW



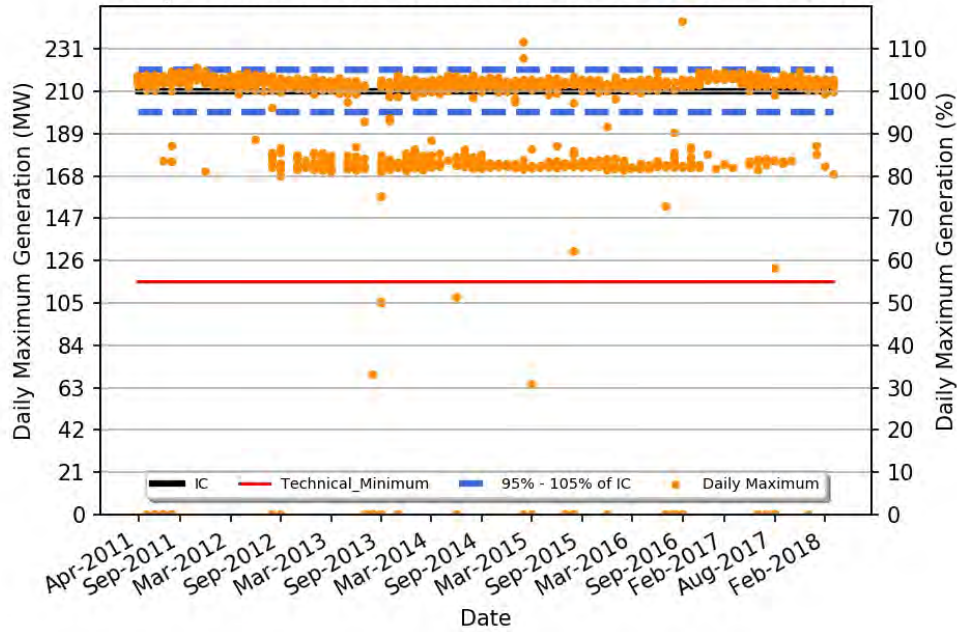
Daily Flexibility(%) : GANDHI NAGAR TPS UNIT - 4 210 MW



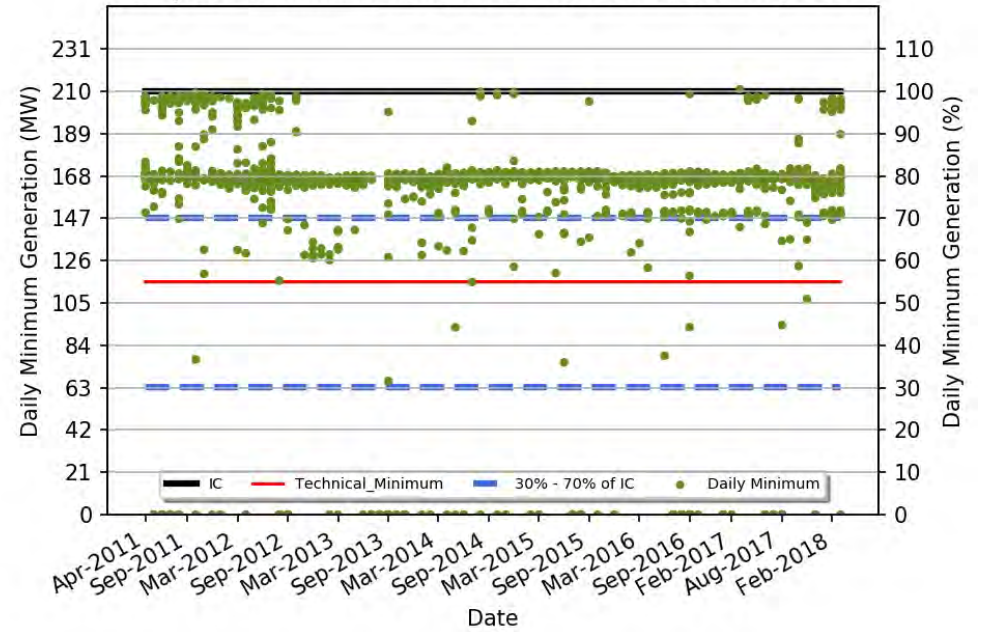
### GANDHI NAGAR TPS UNIT - 4 210 MW

Region	: Western Region
Number of Days Considered	: 1434
No. Of Days Max Generation Achieved	: 76 (%)
(% of total days in operation)	
No. Of Days Min Generation Achieved	: 11 (%)
(% of total days in operation)	
Average Flexibility	: 28 (%)
Average Daily Max (MW)	: 199
Daily Average (MW)	: 171
Average Daily Min (MW)	: 139
Average Daily Max/ IC (%)	: 95
Daily Average/IC (%)	: 81
Average Daily Min/IC (%)	: 66
Variable Charge (Paisa/kWh)	: 422

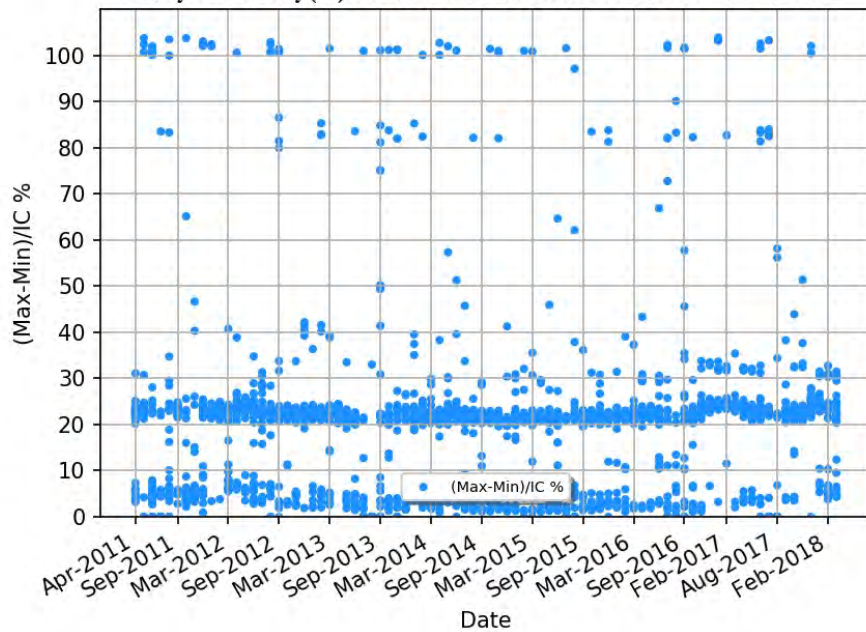
Daily Max Generation : GANDHI NAGAR TPS UNIT - 5 210 MW



Daily Min Generation : GANDHI NAGAR TPS UNIT - 5 210 MW



Daily Flexibility(%) : GANDHI NAGAR TPS UNIT - 5 210 MW

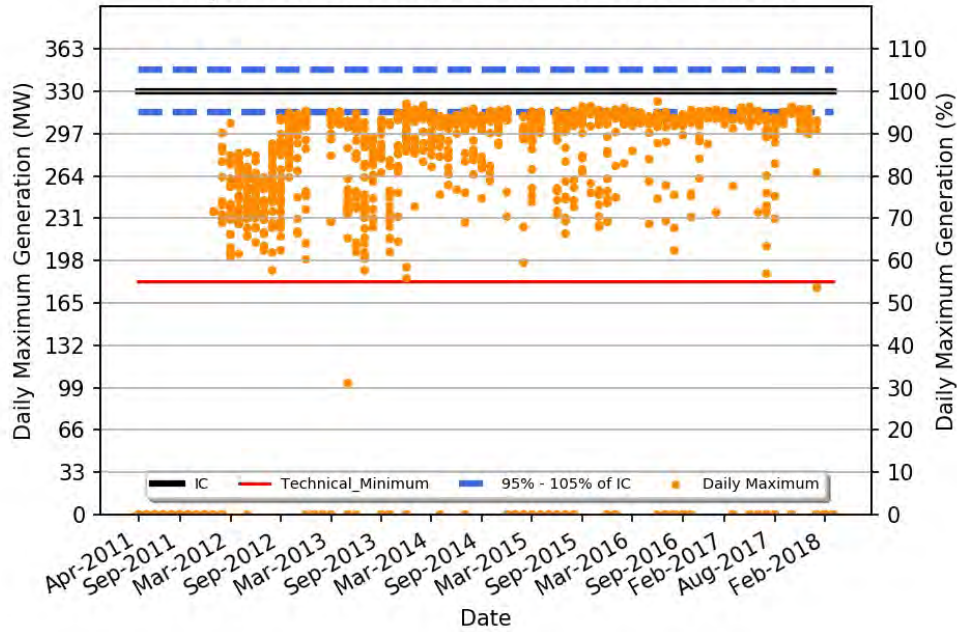


### GANDHI NAGAR TPS UNIT - 5 210 MW

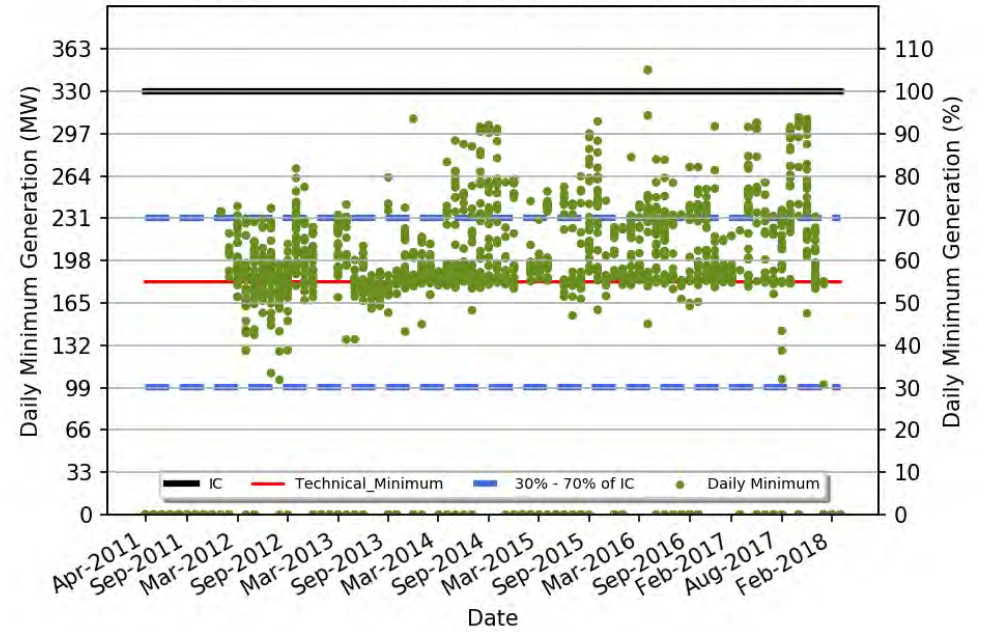
Region	: Western Region
Number of Days Considered	: 2307
No. Of Days Max Generation Achieved	: 82 (%)
(% of total days in operation)	
No. Of Days Min Generation Achieved	: 3 (%)
(% of total days in operation)	
Average Flexibility	: 21 (%)
Average Daily Max (MW)	: 207
Daily Average (MW)	: 184
Average Daily Min (MW)	: 163
Average Daily Max/ IC (%)	: 98
Daily Average/IC (%)	: 87
Average Daily Min/IC (%)	: 77
Variable Charge (Paisa/kWh)	: 407



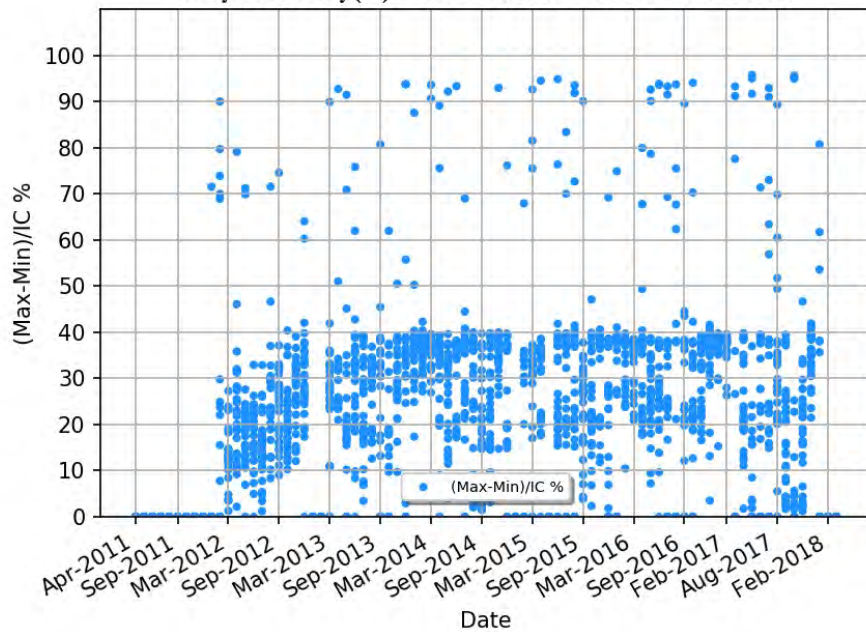
Daily Max Generation : MUNDRA TPS UNIT - 1 330 MW



Daily Min Generation : MUNDRA TPS UNIT - 1 330 MW



Daily Flexibility(%) : MUNDRA TPS UNIT - 1 330 MW

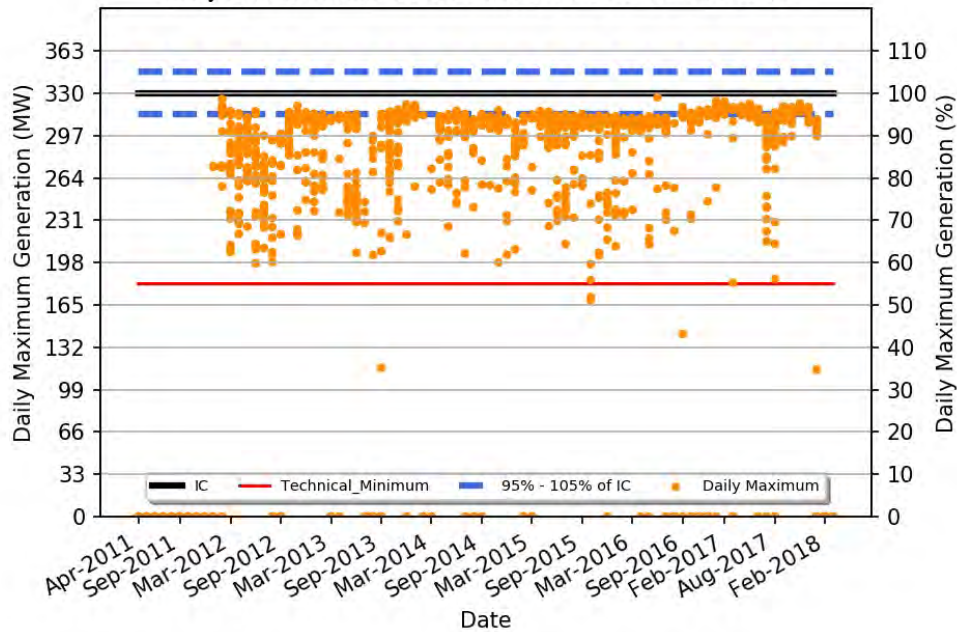


### MUNDRA TPS UNIT - 1 330 MW

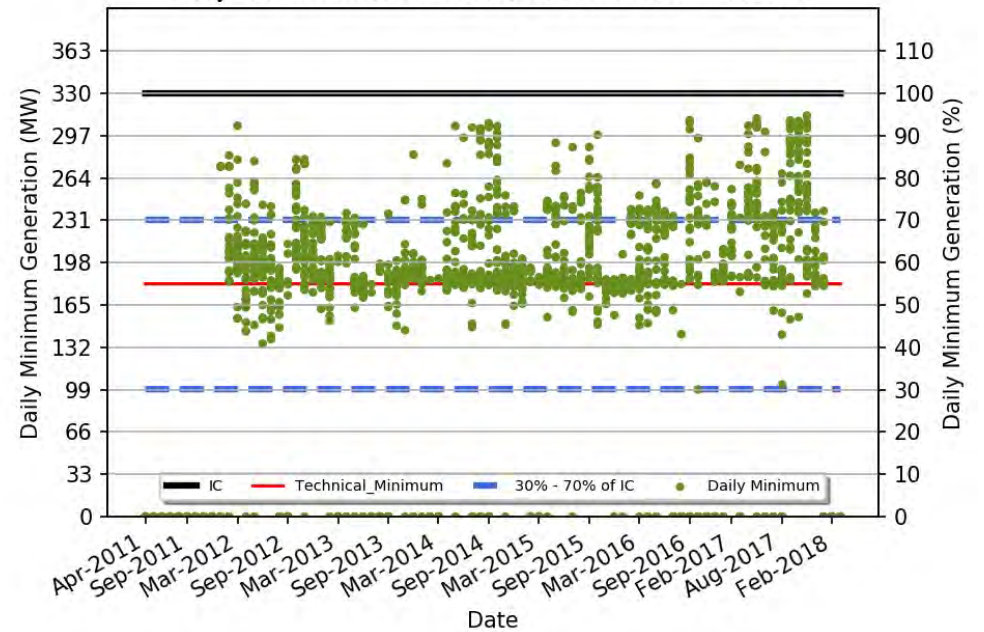
Region	: Western Region
Number of Days Considered	: 1777
No. Of Days Max Generation Achieved	: 11 (%)
(% of total days in operation)	
No. Of Days Min Generation Achieved	: 76 (%)
(% of total days in operation)	
Average Flexibility	: 28 (%)
Average Daily Max (MW)	: 293
Daily Average (MW)	: 251
Average Daily Min (MW)	: 197
Average Daily Max/ IC (%)	: 88
Daily Average/IC (%)	: 76
Average Daily Min/IC (%)	: 59
Variable Charge (Paisa/kWh)	: 174



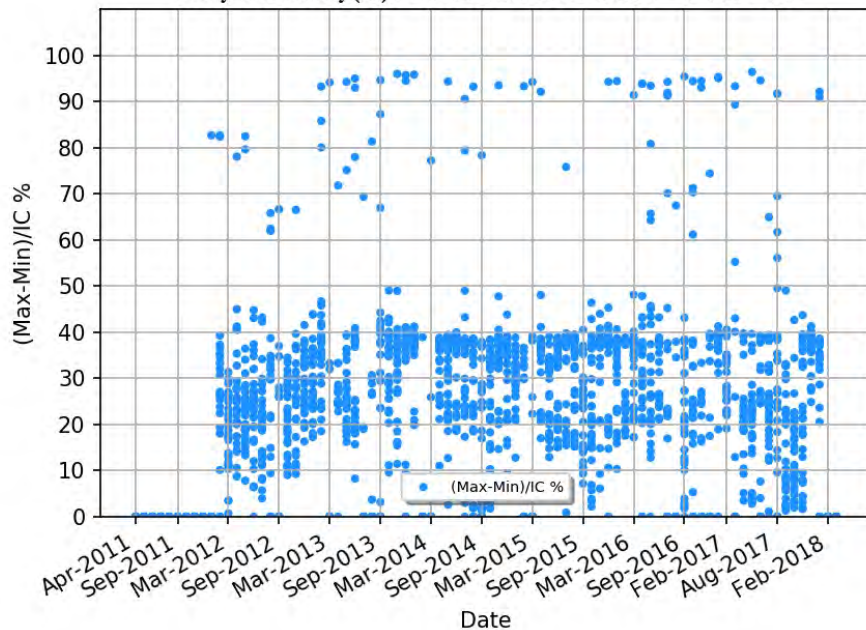
Daily Max Generation : MUNDRA TPS UNIT - 2 330 MW



Daily Min Generation : MUNDRA TPS UNIT - 2 330 MW



Daily Flexibility(%) : MUNDRA TPS UNIT - 2 330 MW

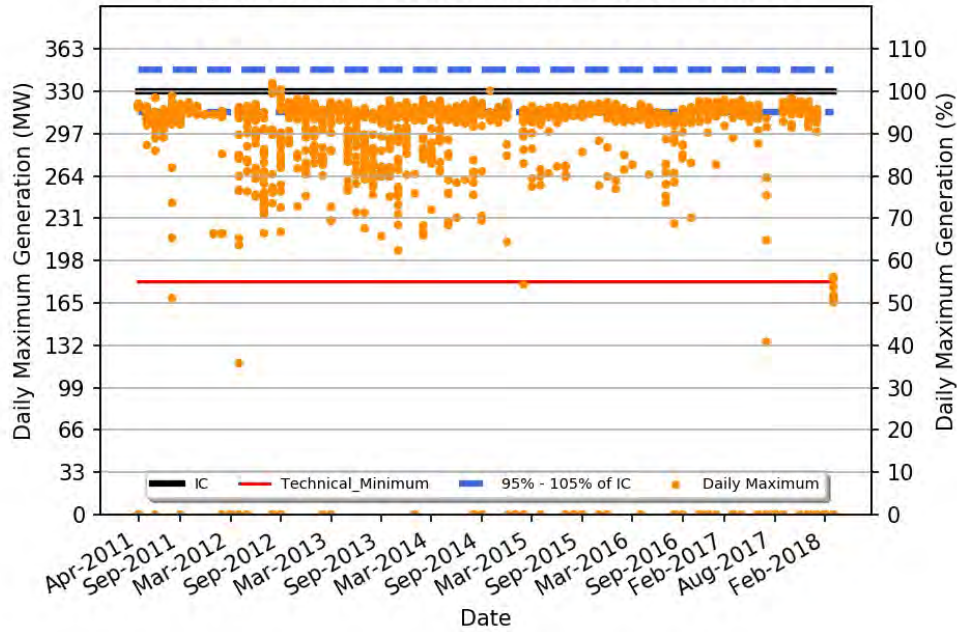


### MUNDRA TPS UNIT - 2 330 MW

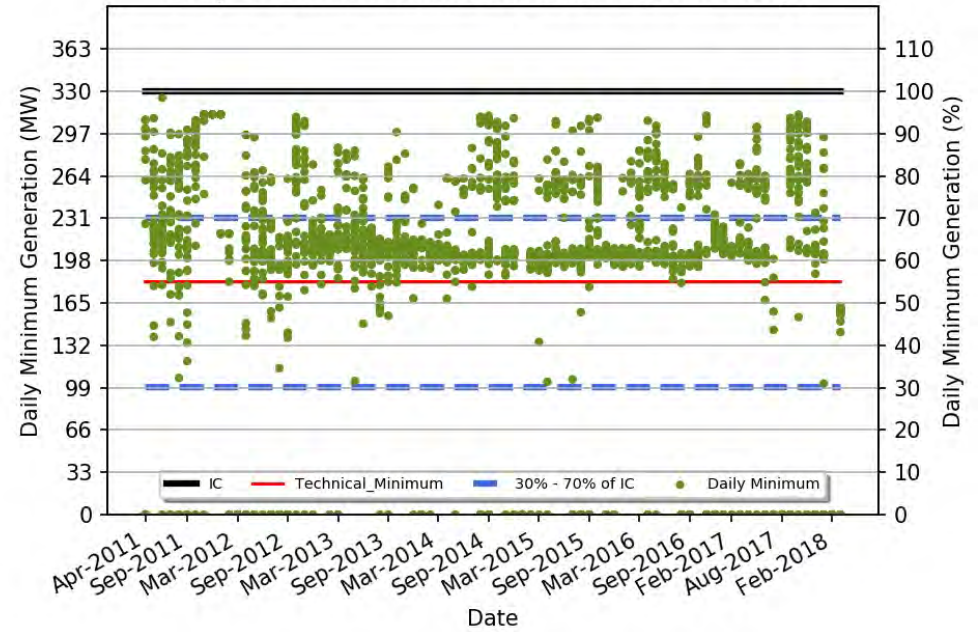
Region	: Western Region
Number of Days Considered	: 1760
No. Of Days Max Generation Achieved	: 21 (%)
(% of total days in operation)	
No. Of Days Min Generation Achieved	: 73 (%)
(% of total days in operation)	
Average Flexibility	: 29 (%)
Average Daily Max (MW)	: 298
Daily Average (MW)	: 255
Average Daily Min (MW)	: 201
Average Daily Max/ IC (%)	: 90
Daily Average/IC (%)	: 77
Average Daily Min/IC (%)	: 61
Variable Charge (Paisa/kWh)	: 174



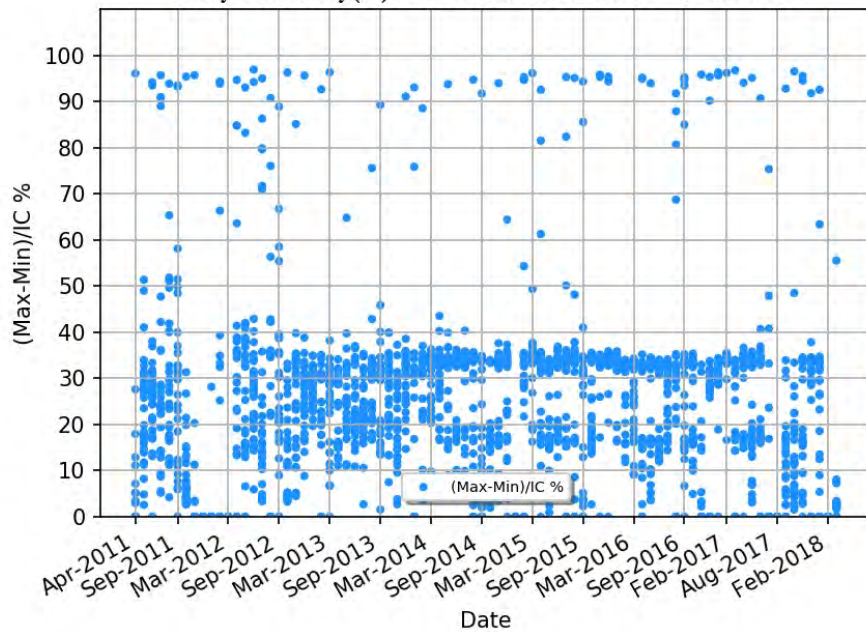
Daily Max Generation : MUNDRA TPS UNIT - 3 330 MW



Daily Min Generation : MUNDRA TPS UNIT - 3 330 MW



Daily Flexibility(%) : MUNDRA TPS UNIT - 3 330 MW

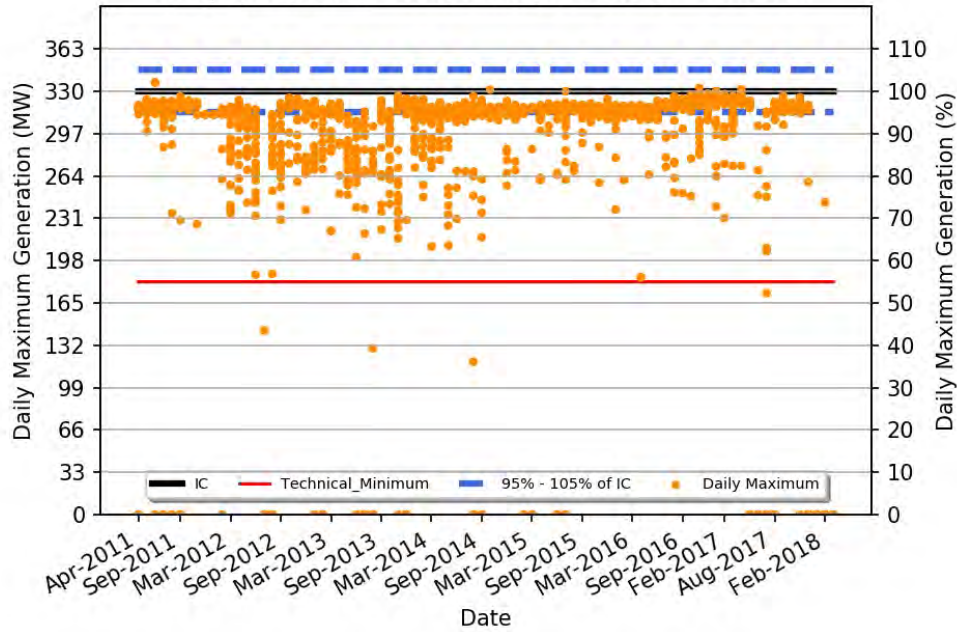


**MUNDRA TPS UNIT - 3 330 MW**

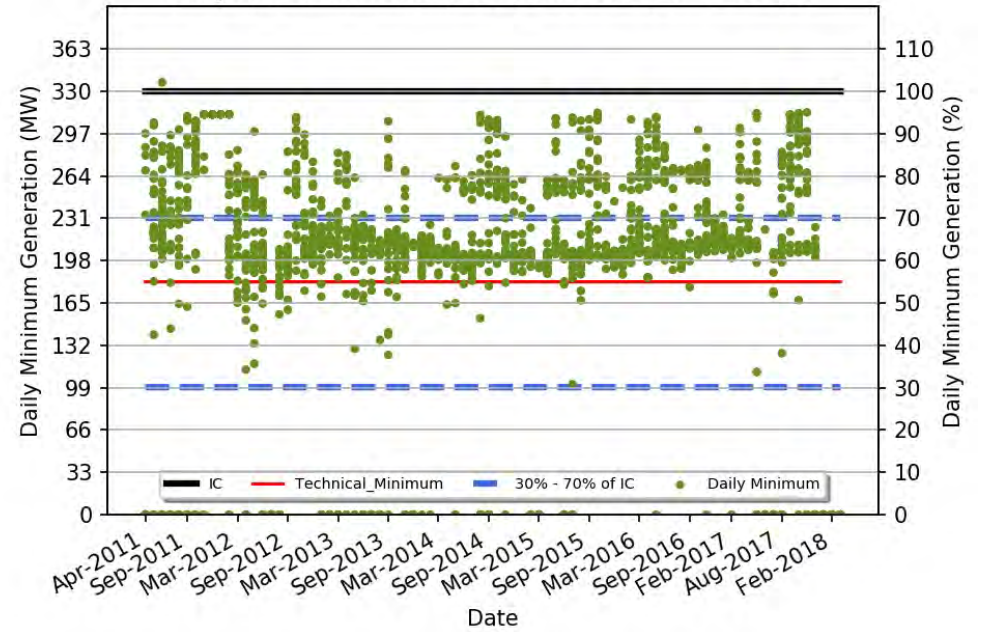
Region	: Western Region
Number of Days Considered	: 2147
No. Of Days Max Generation Achieved	: 43 (%)
(% of total days in operation)	
No. Of Days Min Generation Achieved	: 63 (%)
(% of total days in operation)	
Average Flexibility	: 26 (%)
Average Daily Max (MW)	: 304
Daily Average (MW)	: 267
Average Daily Min (MW)	: 218
Average Daily Max/ IC (%)	: 92
Daily Average/IC (%)	: 81
Average Daily Min/IC (%)	: 66
Variable Charge (Paisa/kWh)	: 174



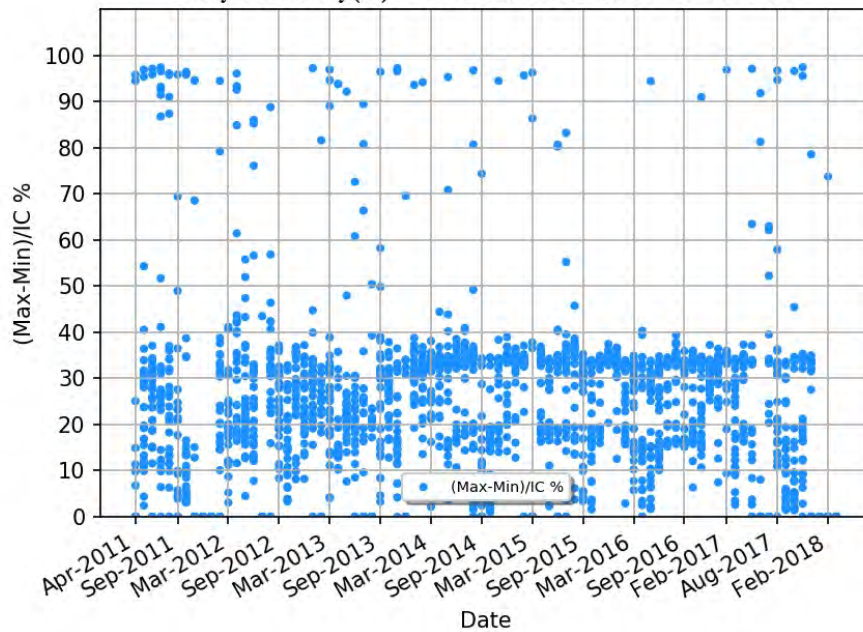
Daily Max Generation : MUNDRA TPS UNIT - 4 330 MW



Daily Min Generation : MUNDRA TPS UNIT - 4 330 MW



Daily Flexibility(%) : MUNDRA TPS UNIT - 4 330 MW

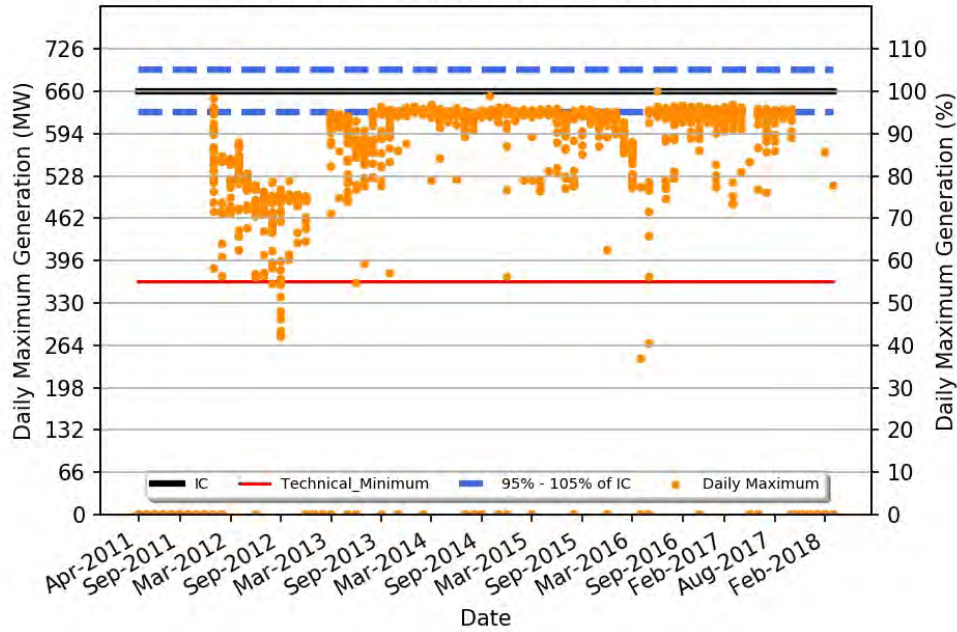


**MUNDRA TPS UNIT - 4 330 MW**

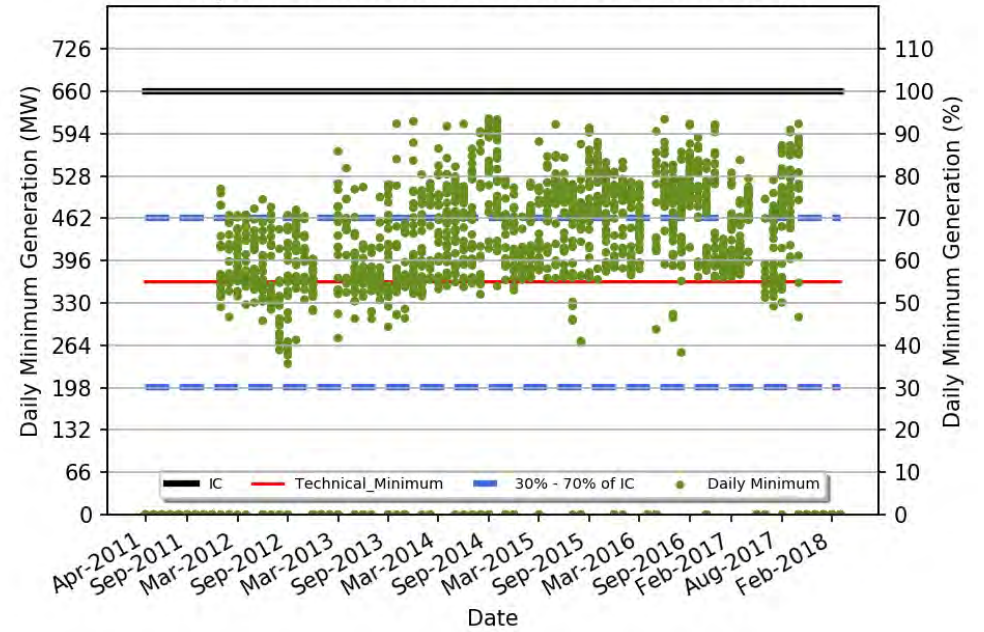
<b>Region</b>	<b>: Western Region</b>
<b>Number of Days Considered</b>	<b>: 2132</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 57 (%)</b>
(% of total days in operation)	
<b>No. Of Days Min Generation Achieved</b>	<b>: 62 (%)</b>
(% of total days in operation)	
<b>Average Flexibility</b>	<b>: 25 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 308</b>
<b>Daily Average (MW)</b>	<b>: 272</b>
<b>Average Daily Min (MW)</b>	<b>: 223</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 93</b>
<b>Daily Average/IC (%)</b>	<b>: 82</b>
<b>Average Daily Min/IC (%)</b>	<b>: 67</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 174</b>



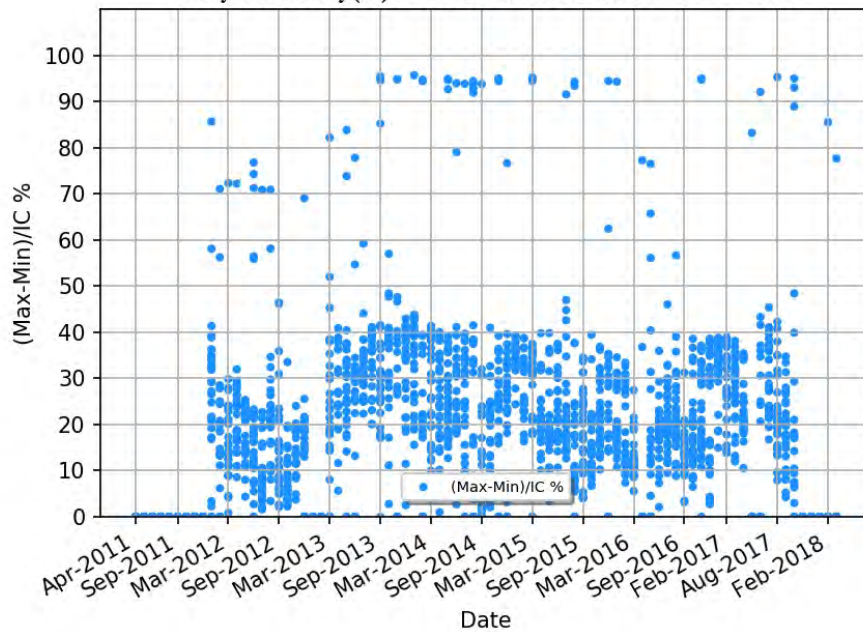
Daily Max Generation : MUNDRA TPS UNIT - 5 660 MW



Daily Min Generation : MUNDRA TPS UNIT - 5 660 MW



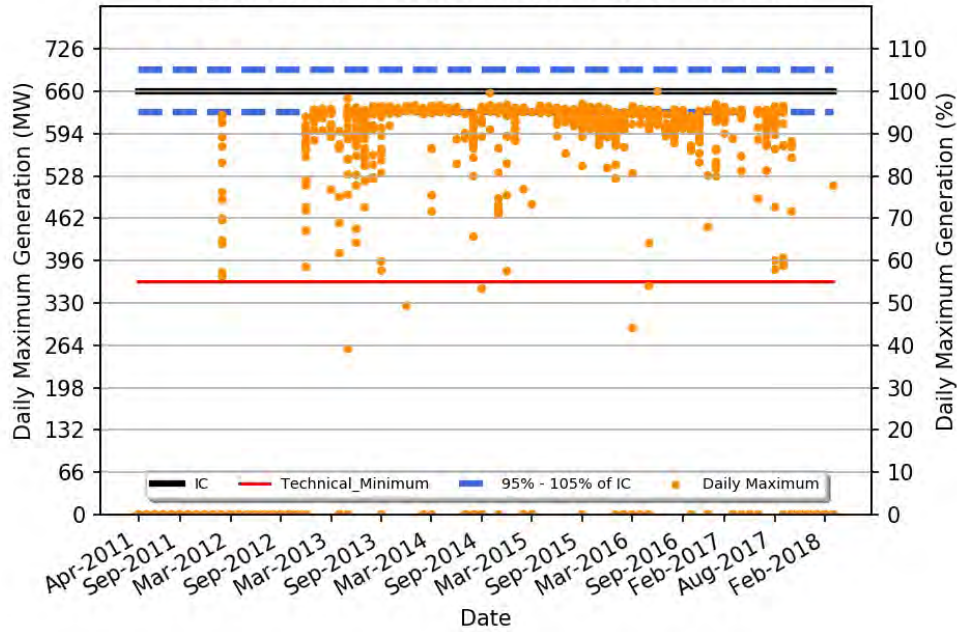
Daily Flexibility(%) : MUNDRA TPS UNIT - 5 660 MW



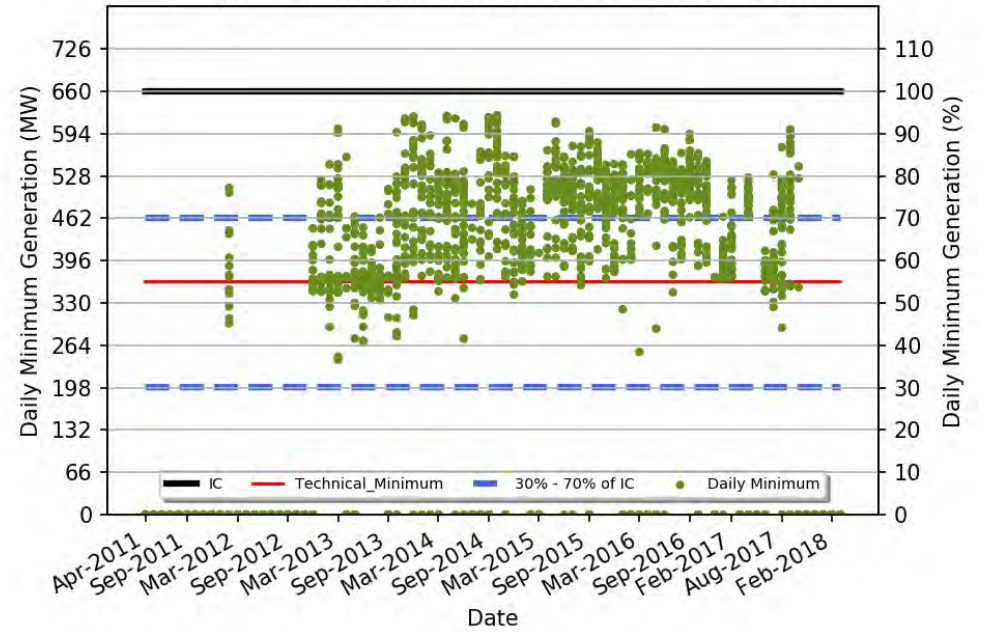
MUNDRA TPS UNIT - 5 660 MW	
Region	: Western Region
Number of Days Considered	: 1810
No. Of Days Max Generation Achieved	: 29 (%)
(% of total days in operation)	
No. Of Days Min Generation Achieved	: 57 (%)
(% of total days in operation)	
Average Flexibility	: 24 (%)
Average Daily Max (MW)	: 590
Daily Average (MW)	: 526
Average Daily Min (MW)	: 428
Average Daily Max/ IC (%)	: 89
Daily Average/IC (%)	: 79
Average Daily Min/IC (%)	: 64
Variable Charge (Paisa/kWh)	: 135



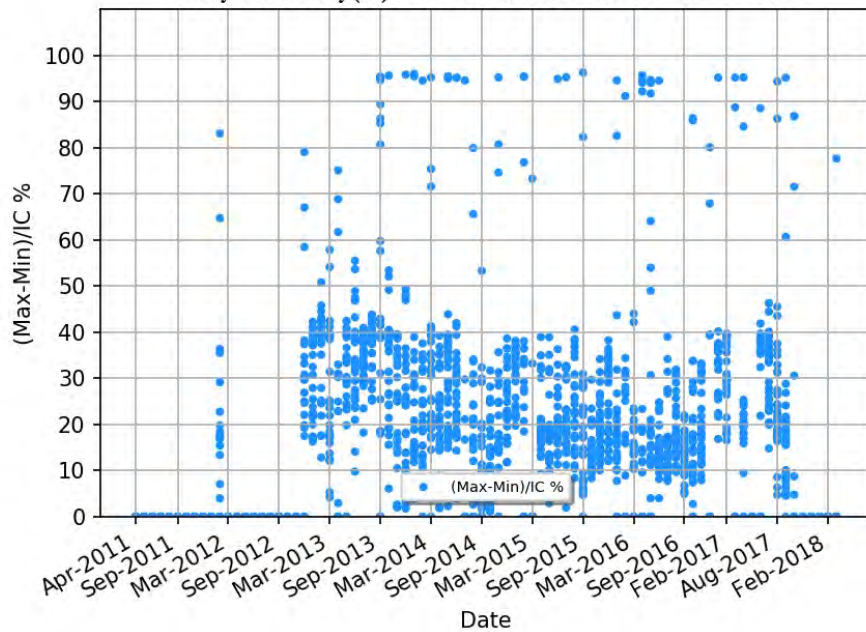
Daily Max Generation : MUNDRA TPS UNIT - 6 660 MW



Daily Min Generation : MUNDRA TPS UNIT - 6 660 MW



Daily Flexibility(%) : MUNDRA TPS UNIT - 6 660 MW

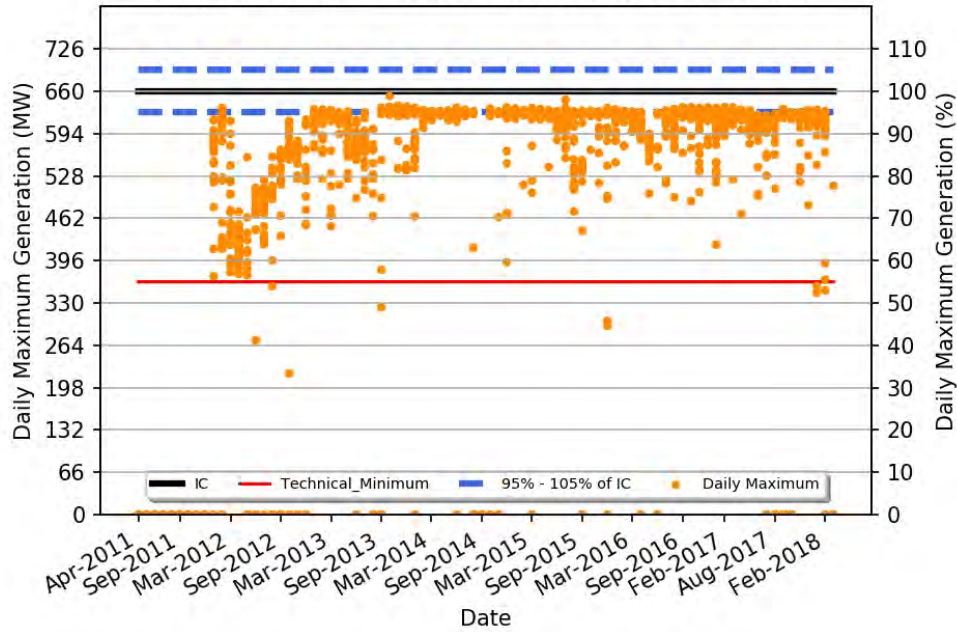


**MUNDRA TPS UNIT - 6 660 MW**

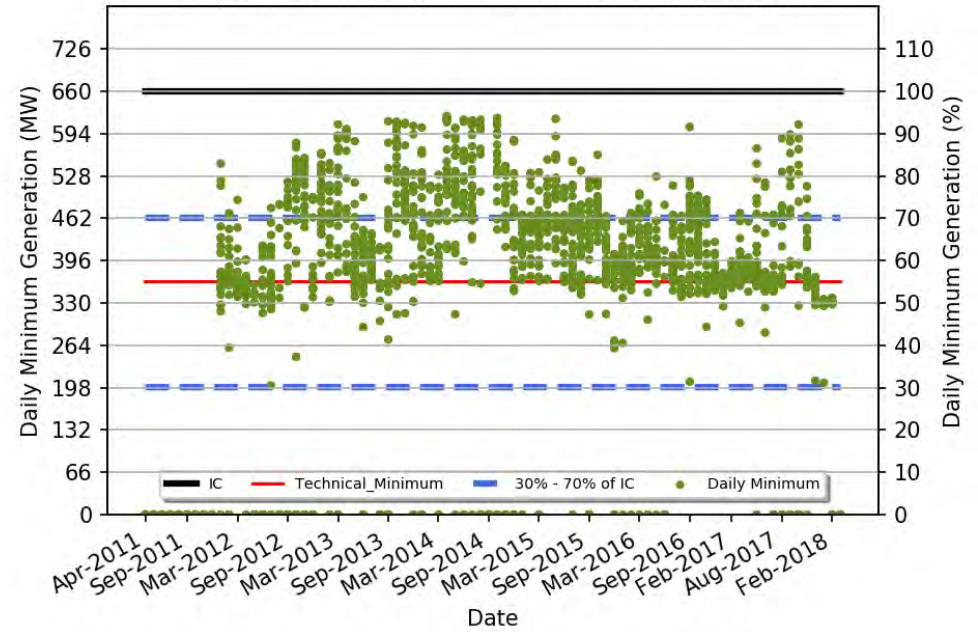
<b>Region</b>	<b>: Western Region</b>
<b>Number of Days Considered</b>	<b>: 1441</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 55 (%)</b>
(% of total days in operation)	
<b>No. Of Days Min Generation Achieved</b>	<b>: 43 (%)</b>
(% of total days in operation)	
<b>Average Flexibility</b>	<b>: 25 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 615</b>
<b>Daily Average (MW)</b>	<b>: 551</b>
<b>Average Daily Min (MW)</b>	<b>: 446</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 93</b>
<b>Daily Average/IC (%)</b>	<b>: 83</b>
<b>Average Daily Min/IC (%)</b>	<b>: 67</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 135</b>



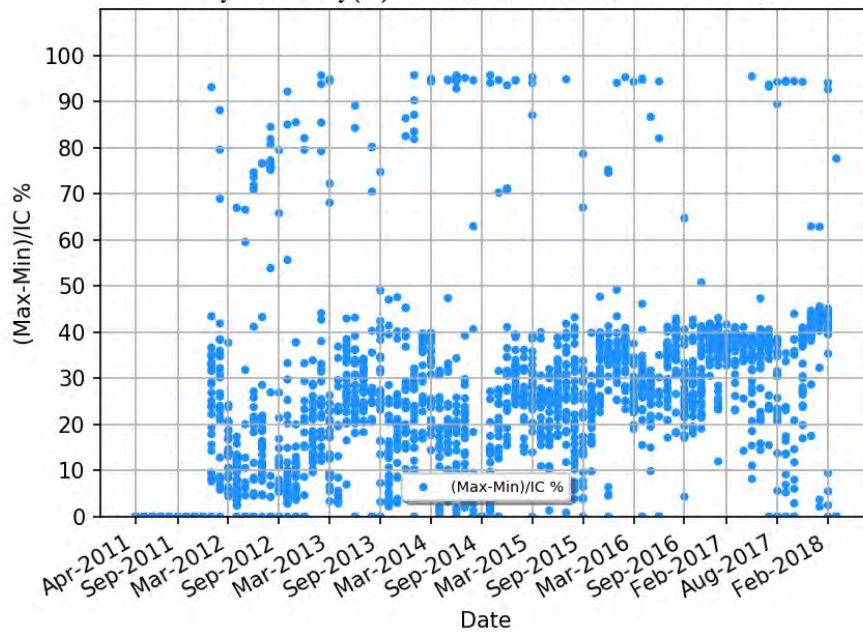
Daily Max Generation : MUNDRA TPS UNIT - 7 660 MW



Daily Min Generation : MUNDRA TPS UNIT - 7 660 MW



Daily Flexibility(%) : MUNDRA TPS UNIT - 7 660 MW

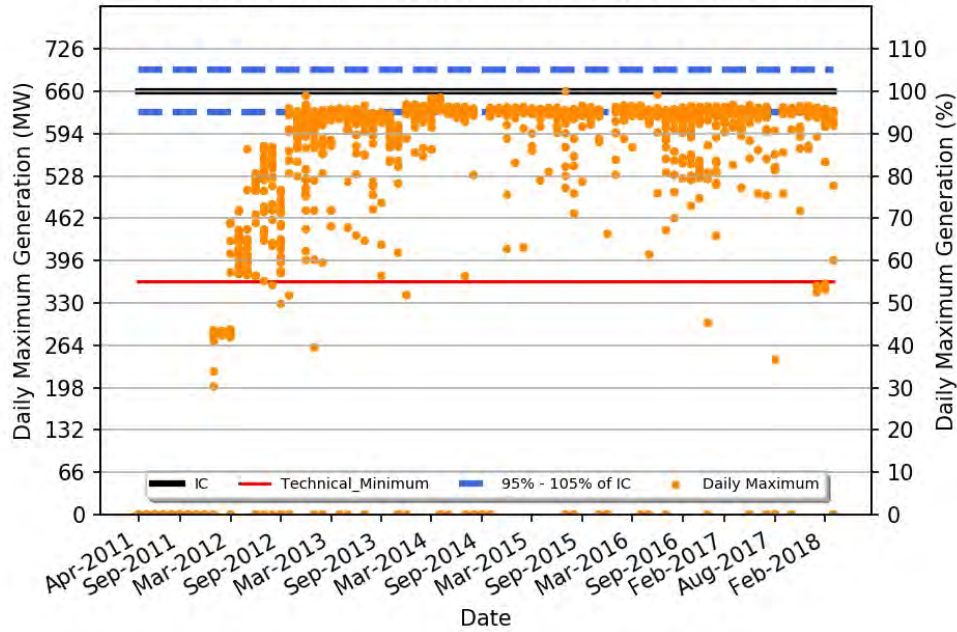


### MUNDRA TPS UNIT - 7 660 MW

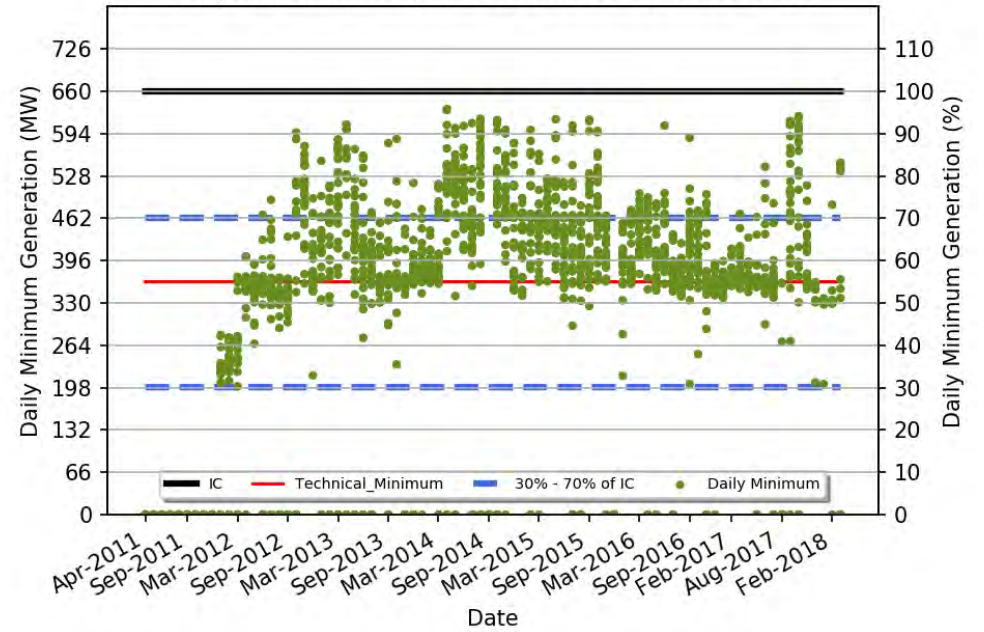
Region	: Western Region
Number of Days Considered	: 1946
No. Of Days Max Generation Achieved	: 24 (%)
(% of total days in operation)	
No. Of Days Min Generation Achieved	: 65 (%)
(% of total days in operation)	
Average Flexibility	: 28 (%)
Average Daily Max (MW)	: 597
Daily Average (MW)	: 523
Average Daily Min (MW)	: 409
Average Daily Max/ IC (%)	: 90
Daily Average/IC (%)	: 79
Average Daily Min/IC (%)	: 62
Variable Charge (Paisa/kWh)	: 196



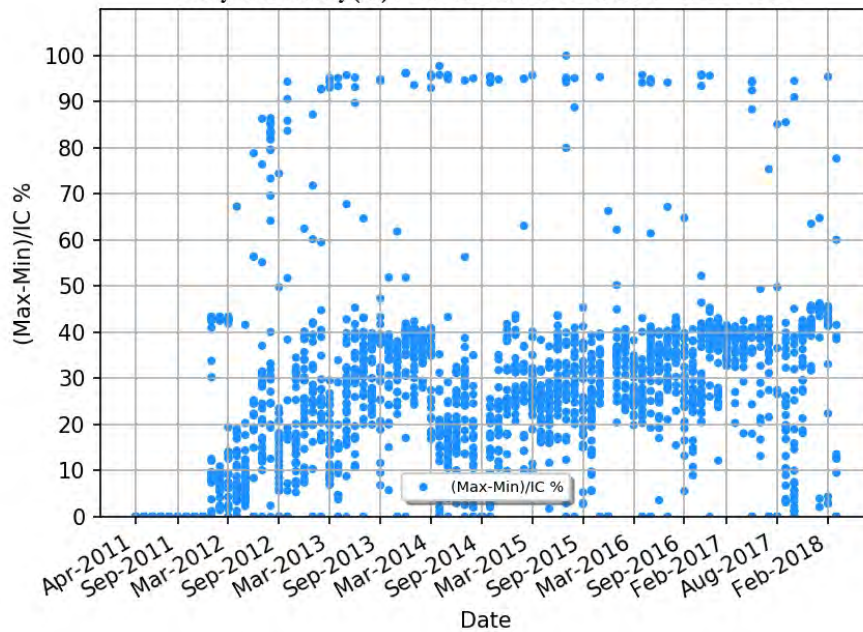
Daily Max Generation : MUNDRA TPS UNIT - 8 660 MW



Daily Min Generation : MUNDRA TPS UNIT - 8 660 MW



Daily Flexibility(%) : MUNDRA TPS UNIT - 8 660 MW

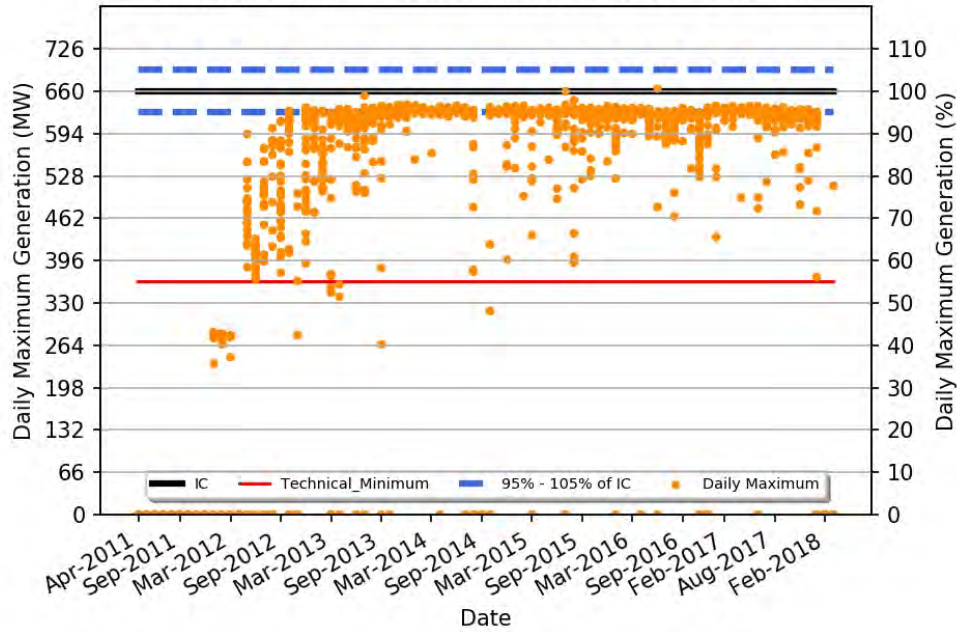


### MUNDRA TPS UNIT - 8 660 MW

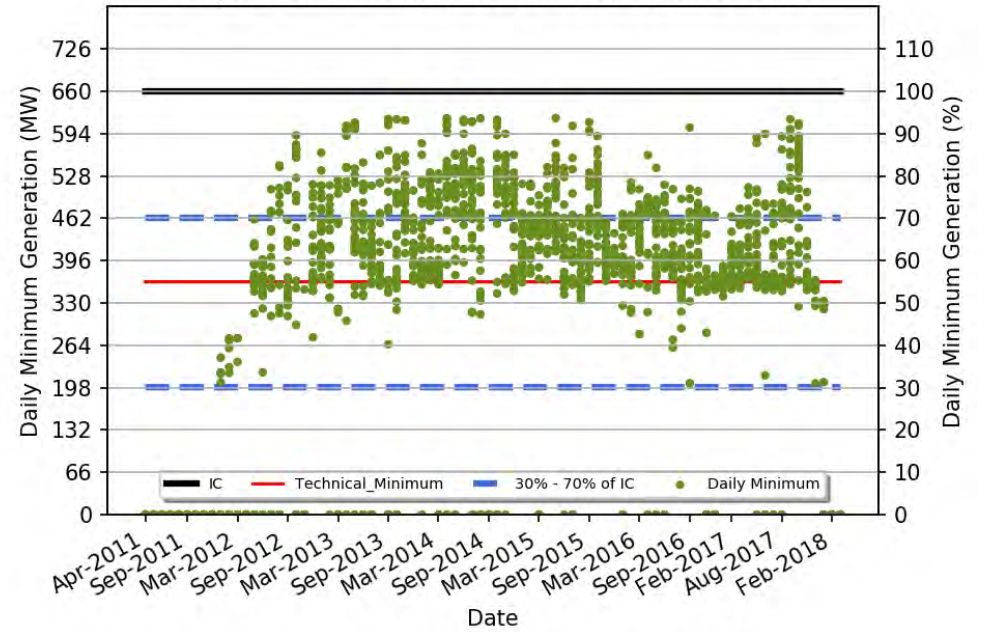
Region	: Western Region
Number of Days Considered	: 1995
No. Of Days Max Generation Achieved	: 46 (%)
(% of total days in operation)	
No. Of Days Min Generation Achieved	: 69 (%)
(% of total days in operation)	
Average Flexibility	: 30 (%)
Average Daily Max (MW)	: 592
Daily Average (MW)	: 514
Average Daily Min (MW)	: 393
Average Daily Max/ IC (%)	: 89
Daily Average/IC (%)	: 78
Average Daily Min/IC (%)	: 59
Variable Charge (Paisa/kWh)	: 196



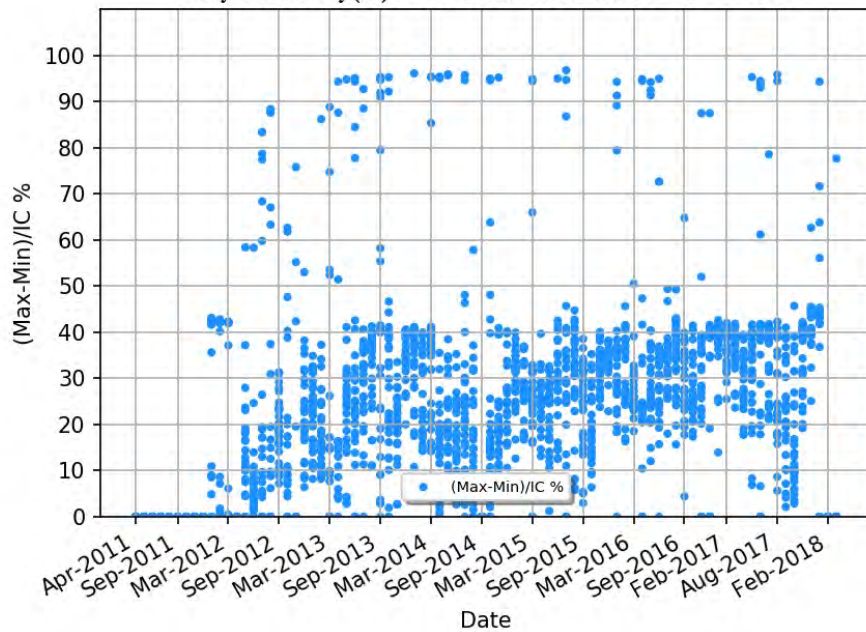
Daily Max Generation : MUNDRA TPS UNIT - 9 660 MW



Daily Min Generation : MUNDRA TPS UNIT - 9 660 MW



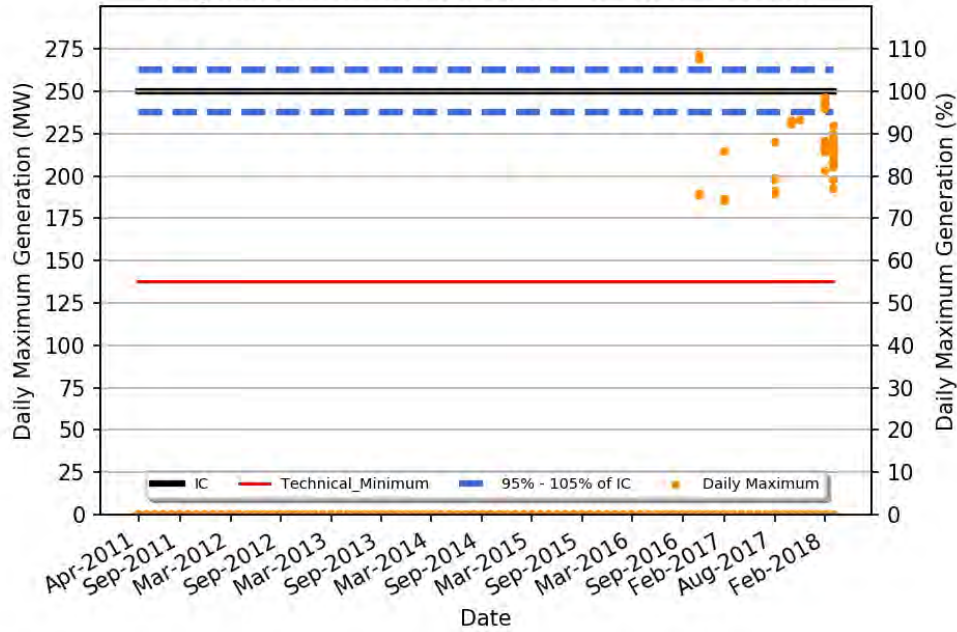
Daily Flexibility(%) : MUNDRA TPS UNIT - 9 660 MW



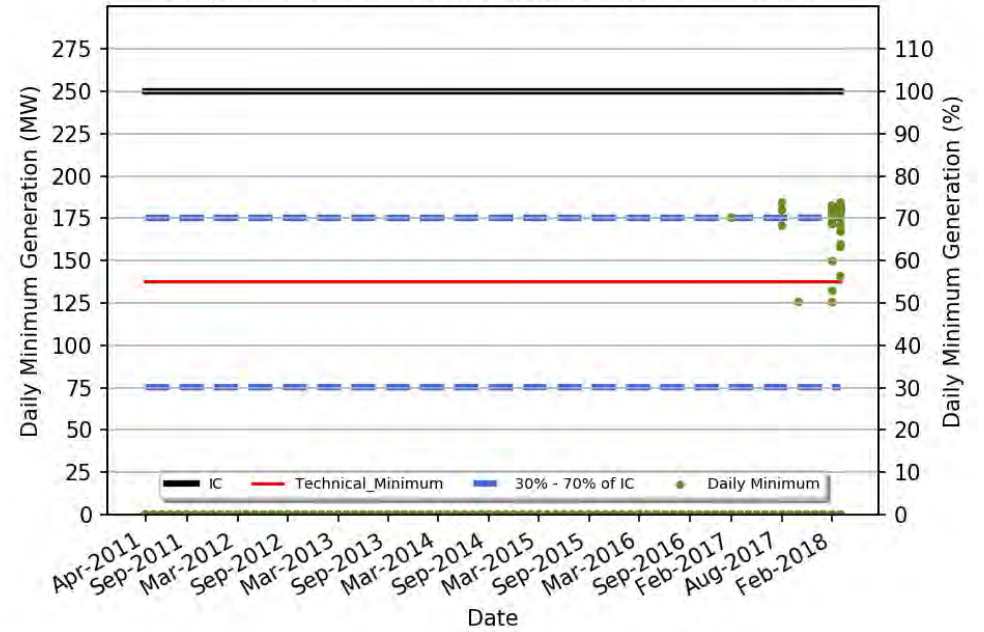
### MUNDRA TPS UNIT - 9 660 MW

Region	: Western Region
Number of Days Considered	: 1918
No. Of Days Max Generation Achieved	: 46 (%)
(% of total days in operation)	
No. Of Days Min Generation Achieved	: 62 (%)
(% of total days in operation)	
Average Flexibility	: 28 (%)
Average Daily Max (MW)	: 598
Daily Average (MW)	: 527
Average Daily Min (MW)	: 408
Average Daily Max/ IC (%)	: 90
Daily Average/IC (%)	: 79
Average Daily Min/IC (%)	: 61
Variable Charge (Paisa/kWh)	: 196

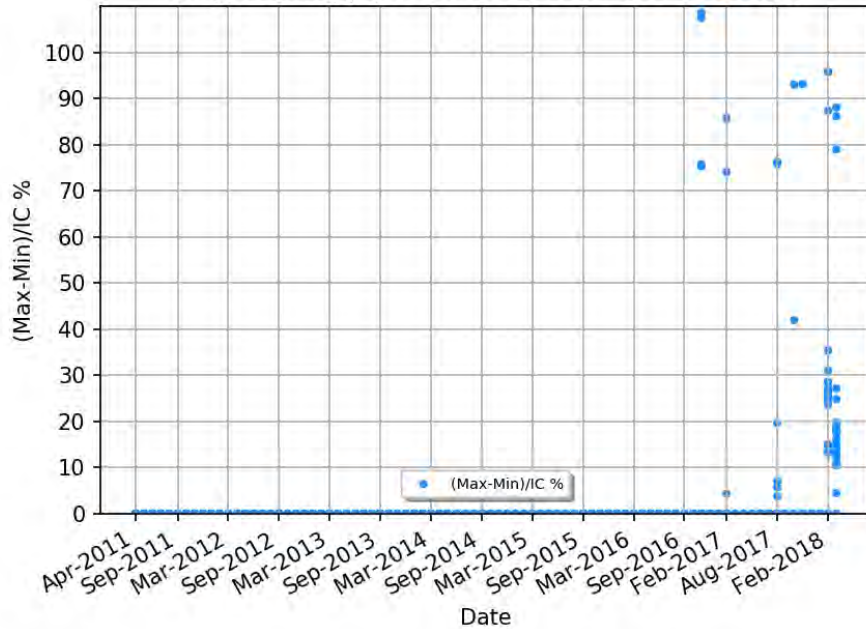
Daily Max Generation : SIKKA REP TPS UNIT - 3 250 MW



Daily Min Generation : SIKKA REP TPS UNIT - 3 250 MW



Daily Flexibility(%) : SIKKA REP TPS UNIT - 3 250 MW

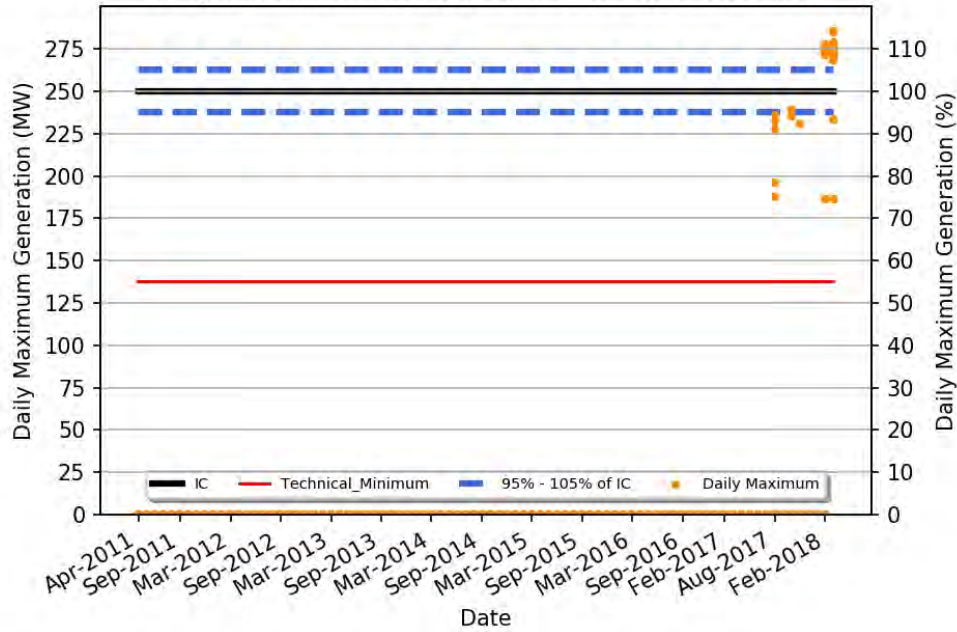


**SIKKA REP TPS UNIT - 3 250 MW**

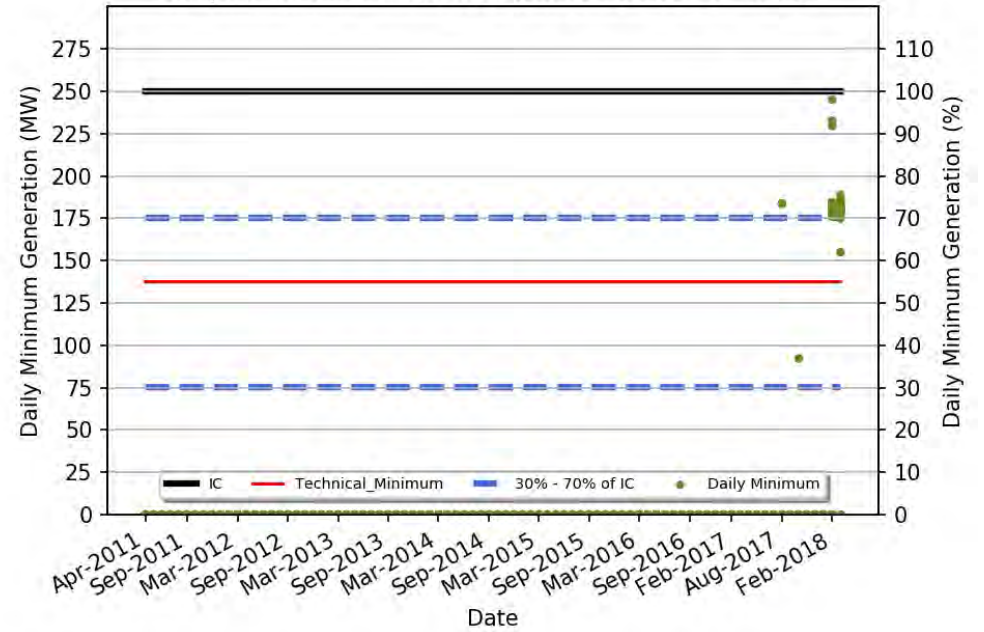
<b>Region</b>	<b>: Western Region</b>
<b>Number of Days Considered</b>	<b>: 53</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 20 (%)</b>
(% of total days in operation)	
<b>No. Of Days Min Generation Achieved</b>	<b>: 22 (%)</b>
(% of total days in operation)	
<b>Average Flexibility</b>	<b>: 30 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 220</b>
<b>Daily Average (MW)</b>	<b>: 182</b>
<b>Average Daily Min (MW)</b>	<b>: 143</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 88</b>
<b>Daily Average/IC (%)</b>	<b>: 73</b>
<b>Average Daily Min/IC (%)</b>	<b>: 57</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 378</b>



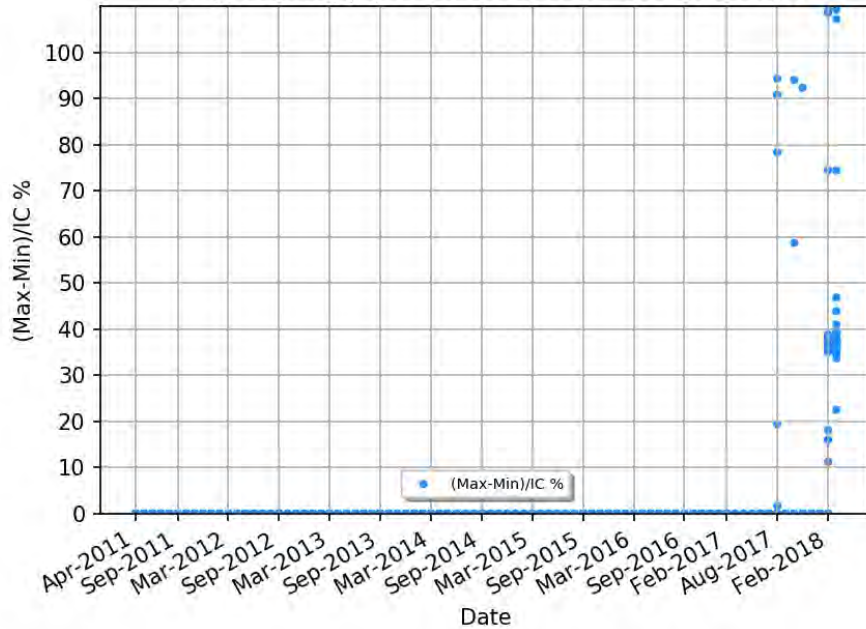
Daily Max Generation : SIKKA REP TPS UNIT - 4 250 MW



Daily Min Generation : SIKKA REP TPS UNIT - 4 250 MW



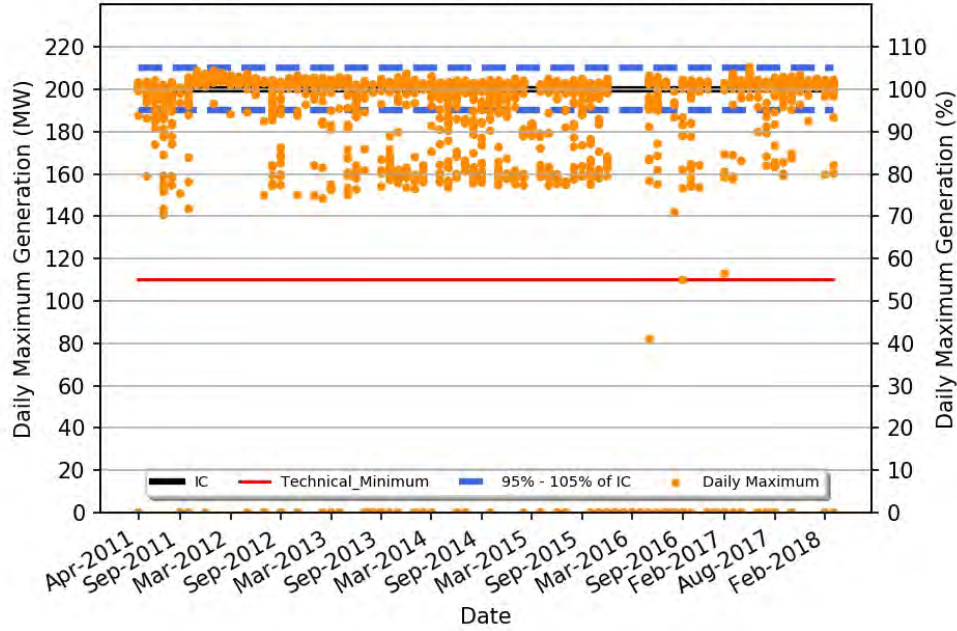
Daily Flexibility(%) : SIKKA REP TPS UNIT - 4 250 MW



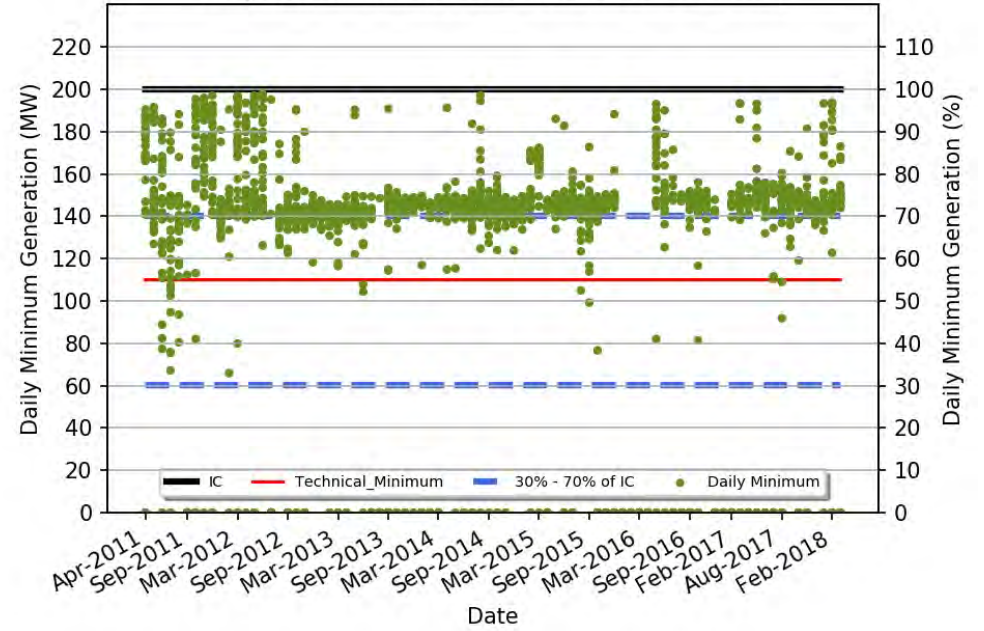
**SIKKA REP TPS UNIT - 4 250 MW**

<b>Region</b>	<b>: Western Region</b>
<b>Number of Days Considered</b>	<b>: 54</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 1 (%)</b>
<i>(% of total days in operation)</i>	
<b>No. Of Days Min Generation Achieved</b>	<b>: 5 (%)</b>
<i>(% of total days in operation)</i>	
<b>Average Flexibility</b>	<b>: 46 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 262</b>
<b>Daily Average (MW)</b>	<b>: 206</b>
<b>Average Daily Min (MW)</b>	<b>: 145</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 104</b>
<b>Daily Average/IC (%)</b>	<b>: 82</b>
<b>Average Daily Min/IC (%)</b>	<b>: 58</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 378</b>

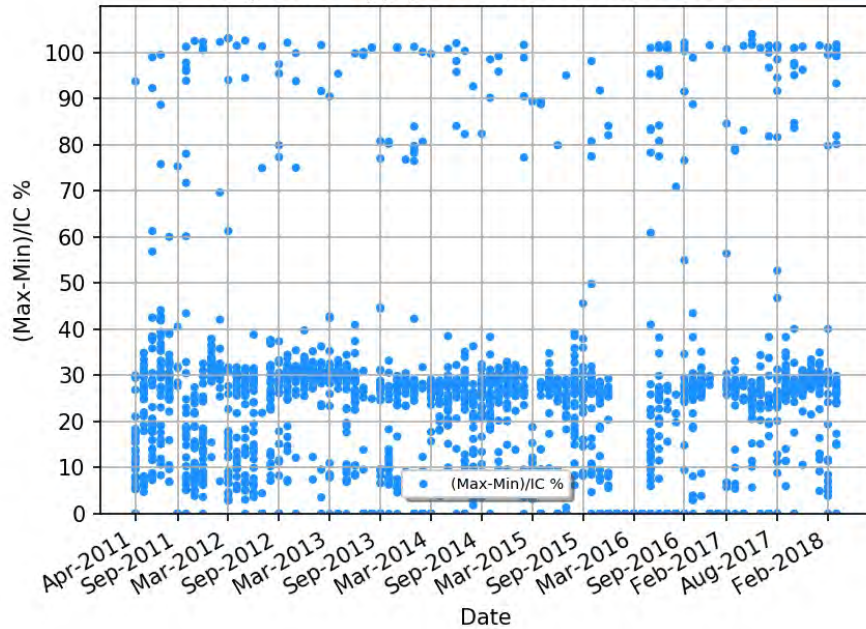
Daily Max Generation : UKAI TPS UNIT - 3 200 MW



Daily Min Generation : UKAI TPS UNIT - 3 200 MW



Daily Flexibility(%) : UKAI TPS UNIT - 3 200 MW

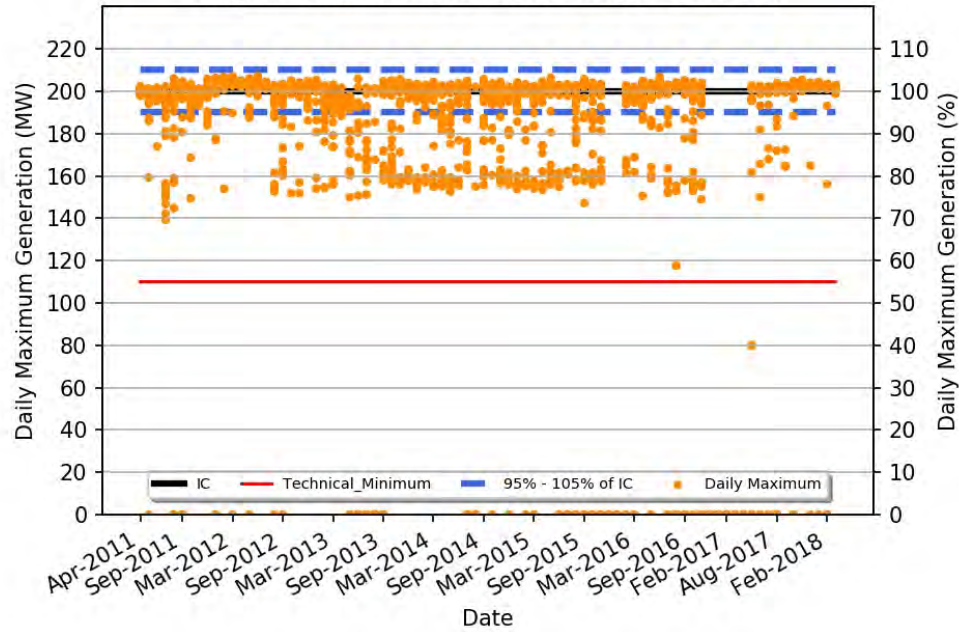


**UKAI TPS UNIT - 3 200 MW**

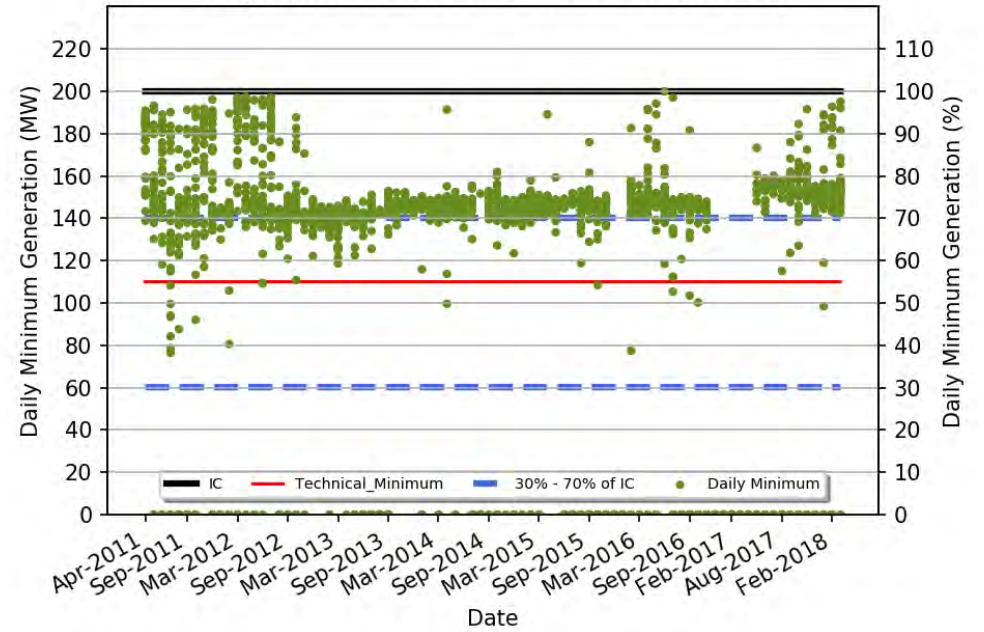
<b>Region</b>	<b>: Western Region</b>
<b>Number of Days Considered</b>	<b>: 1958</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 80 (%)</b>
<i>(% of total days in operation)</i>	
<b>No. Of Days Min Generation Achieved</b>	<b>: 15 (%)</b>
<i>(% of total days in operation)</i>	
<b>Average Flexibility</b>	<b>: 28 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 195</b>
<b>Daily Average (MW)</b>	<b>: 169</b>
<b>Average Daily Min (MW)</b>	<b>: 139</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 97</b>
<b>Daily Average/IC (%)</b>	<b>: 84</b>
<b>Average Daily Min/IC (%)</b>	<b>: 69</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 363</b>



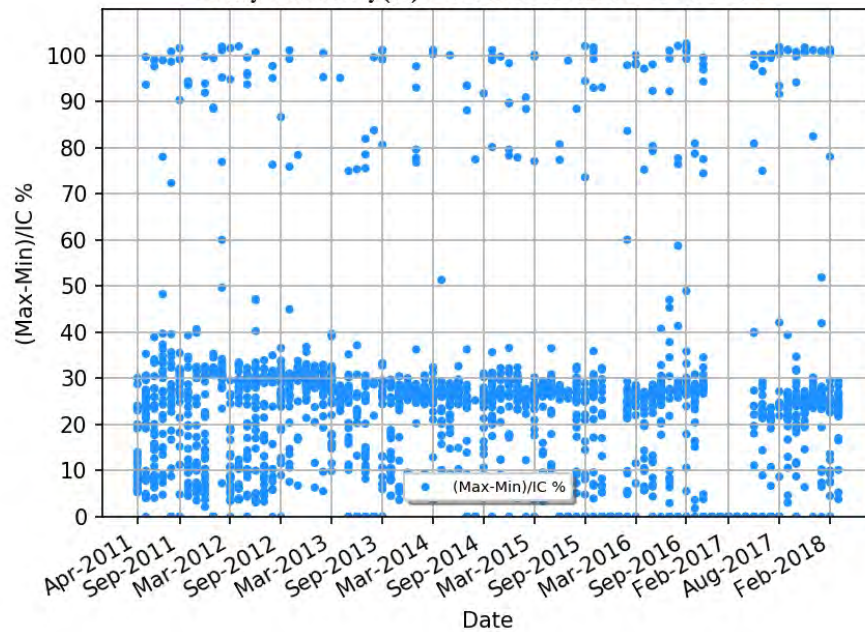
Daily Max Generation : UKAI TPS UNIT - 4 200 MW



Daily Min Generation : UKAI TPS UNIT - 4 200 MW



Daily Flexibility(%) : UKAI TPS UNIT - 4 200 MW

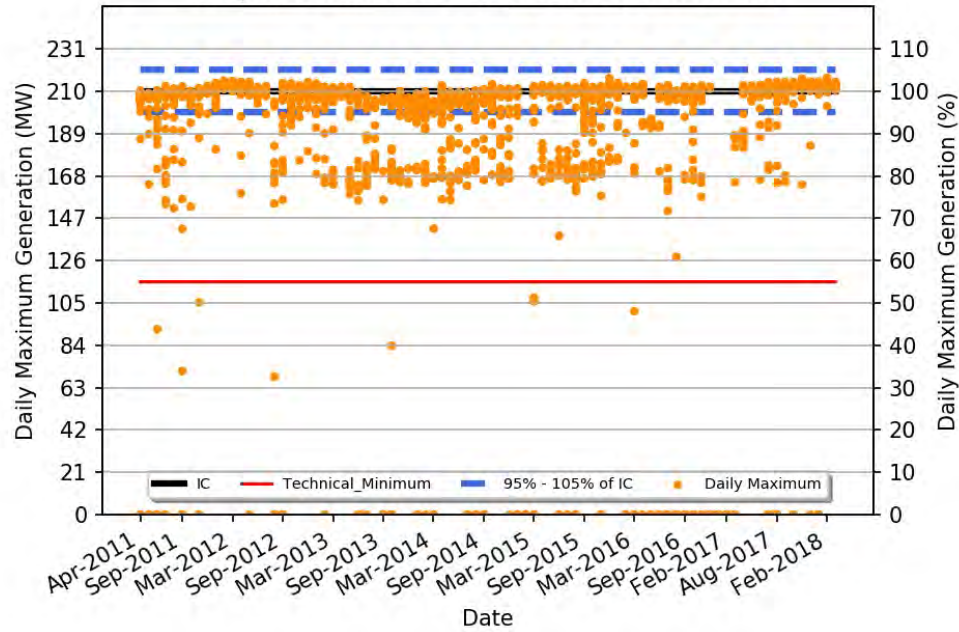


### UKAI TPS UNIT - 4 200 MW

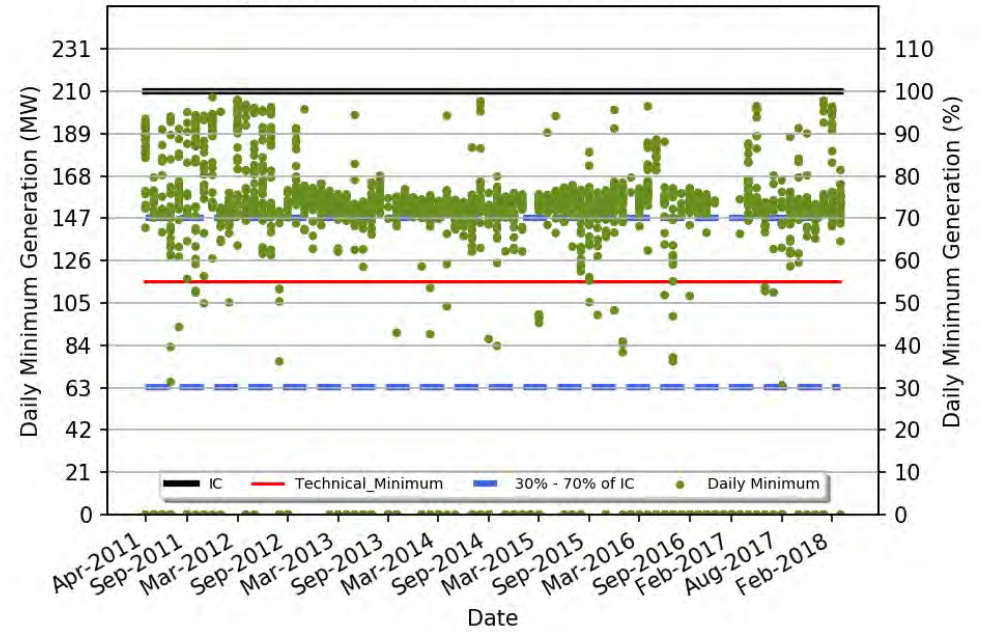
Region	: Western Region
Number of Days Considered	: 1972
No. Of Days Max Generation Achieved	: 82 (%)
(% of total days in operation)	
No. Of Days Min Generation Achieved	: 14 (%)
(% of total days in operation)	
Average Flexibility	: 27 (%)
Average Daily Max (MW)	: 194
Daily Average (MW)	: 169
Average Daily Min (MW)	: 140
Average Daily Max/ IC (%)	: 97
Daily Average/IC (%)	: 84
Average Daily Min/IC (%)	: 70
Variable Charge (Paisa/kWh)	: 363



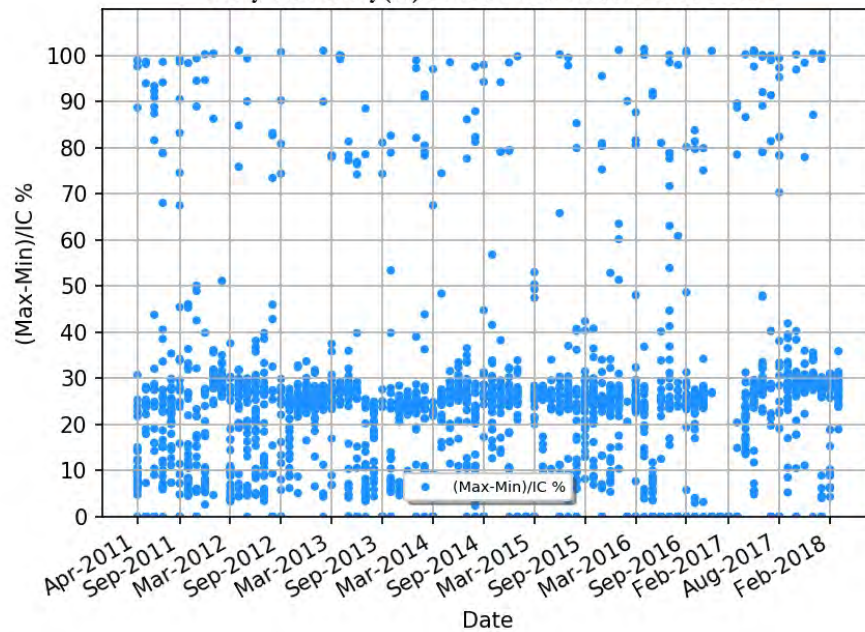
Daily Max Generation : UKAI TPS UNIT - 5 210 MW



Daily Min Generation : UKAI TPS UNIT - 5 210 MW



Daily Flexibility(%) : UKAI TPS UNIT - 5 210 MW

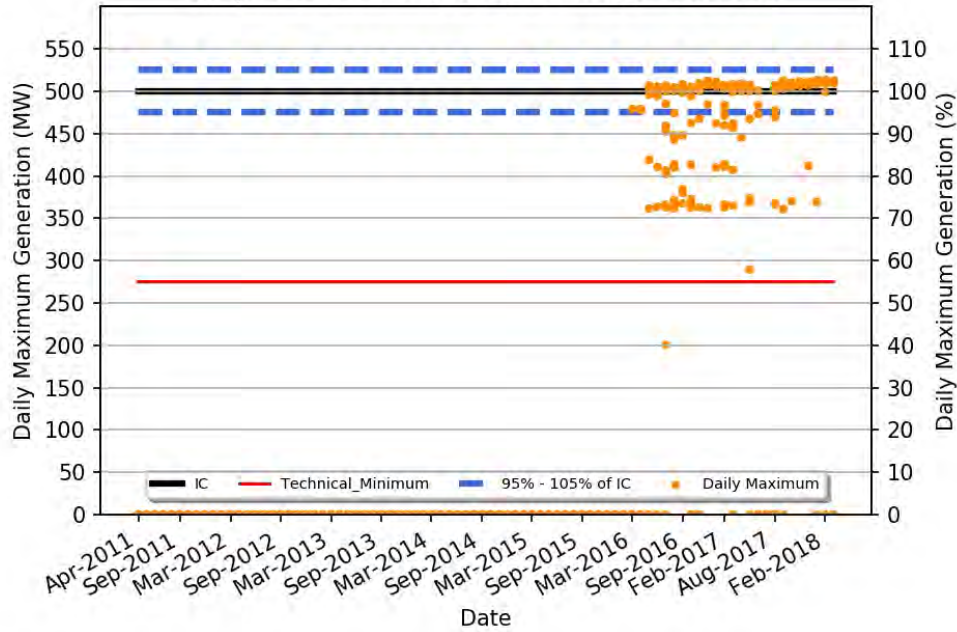


**UKAI TPS UNIT - 5 210 MW**

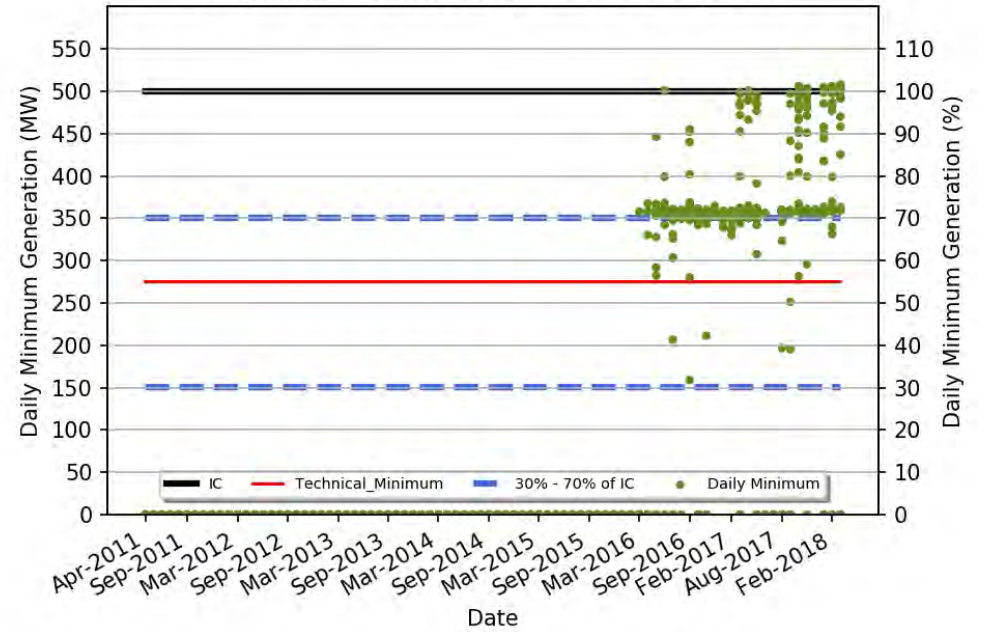
<b>Region</b>	<b>: Western Region</b>
<b>Number of Days Considered</b>	<b>: 1988</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 79 (%)</b>
(% of total days in operation)	
<b>No. Of Days Min Generation Achieved</b>	<b>: 13 (%)</b>
(% of total days in operation)	
<b>Average Flexibility</b>	<b>: 27 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 202</b>
<b>Daily Average (MW)</b>	<b>: 177</b>
<b>Average Daily Min (MW)</b>	<b>: 146</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 96</b>
<b>Daily Average/IC (%)</b>	<b>: 84</b>
<b>Average Daily Min/IC (%)</b>	<b>: 69</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 363</b>



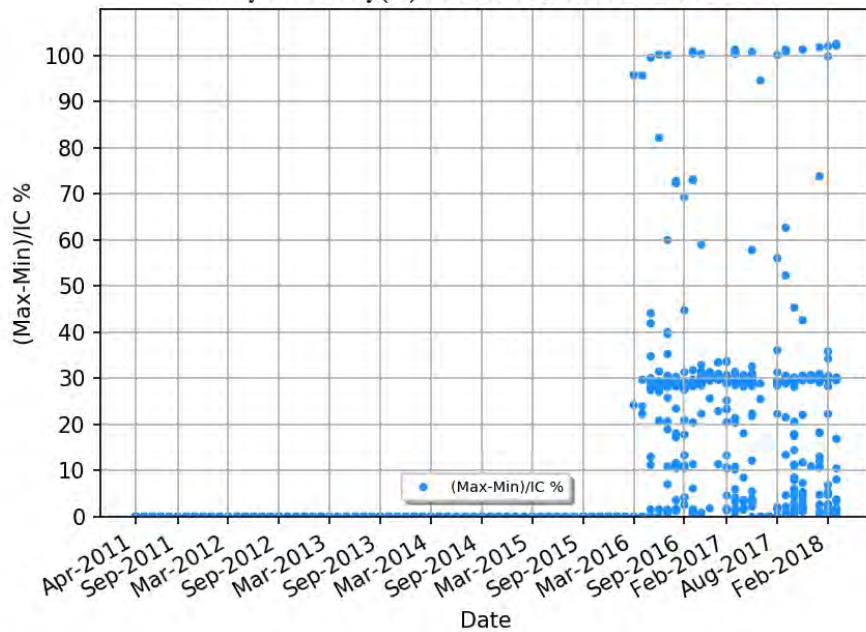
Daily Max Generation : UKAI TPS UNIT - 6 500 MW



Daily Min Generation : UKAI TPS UNIT - 6 500 MW



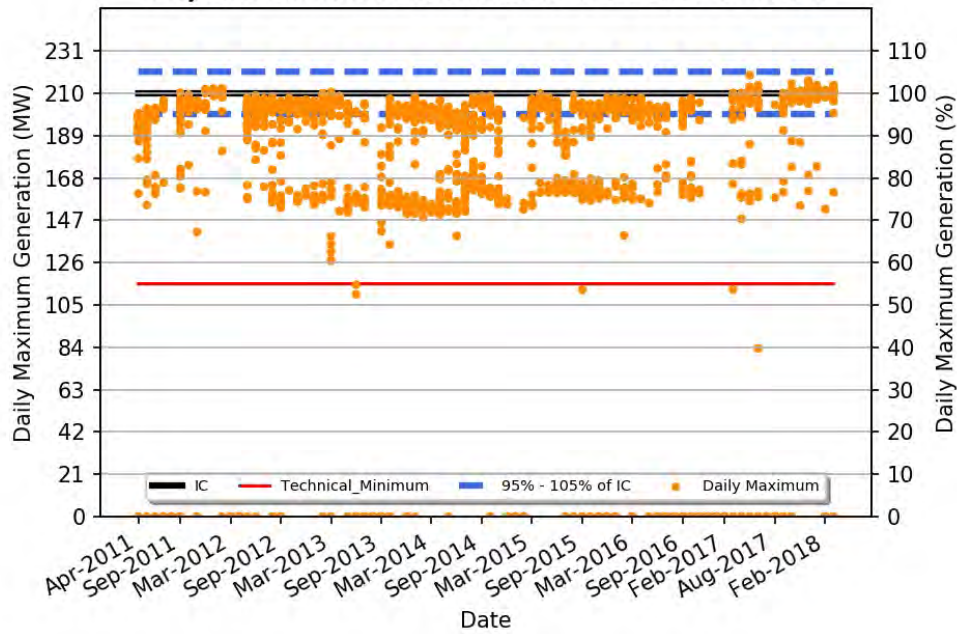
Daily Flexibility(%) : UKAI TPS UNIT - 6 500 MW



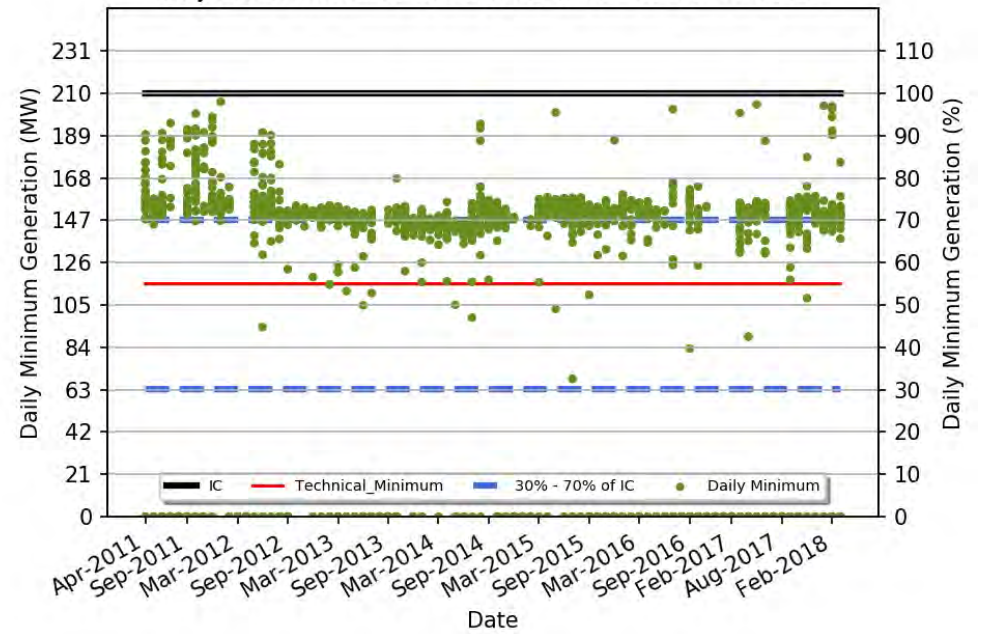
**UKAI TPS UNIT - 6 500 MW**

<b>Region</b>	<b>: Western Region</b>
<b>Number of Days Considered</b>	<b>: 581</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 88 (%)</b>
<i>(% of total days in operation)</i>	
<b>No. Of Days Min Generation Achieved</b>	<b>: 7 (%)</b>
<i>(% of total days in operation)</i>	
<b>Average Flexibility</b>	<b>: 27 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 492</b>
<b>Daily Average (MW)</b>	<b>: 430</b>
<b>Average Daily Min (MW)</b>	<b>: 356</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 98</b>
<b>Daily Average/IC (%)</b>	<b>: 86</b>
<b>Average Daily Min/IC (%)</b>	<b>: 71</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 363</b>

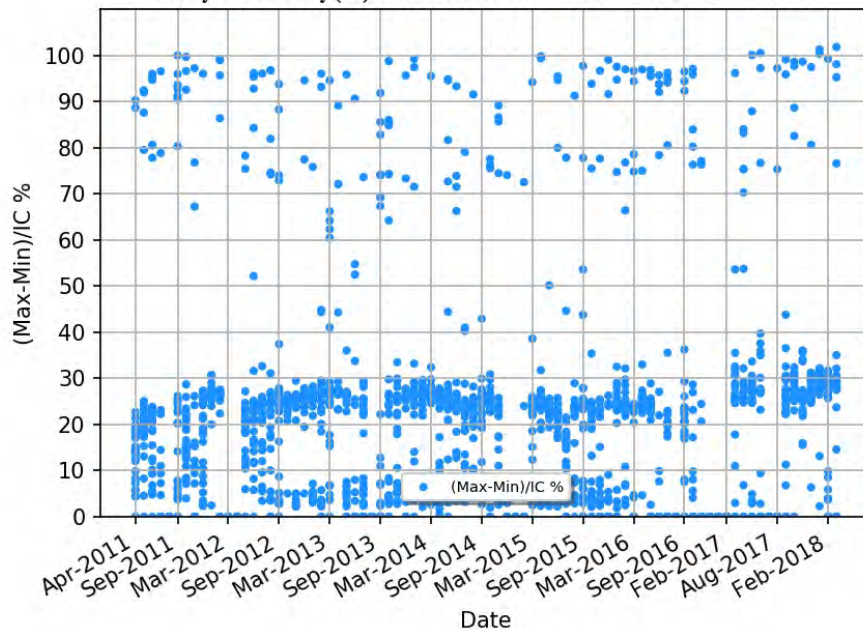
Daily Max Generation : WANAKBORI TPS UNIT - 1 210 MW



Daily Min Generation : WANAKBORI TPS UNIT - 1 210 MW



Daily Flexibility(%) : WANAKBORI TPS UNIT - 1 210 MW

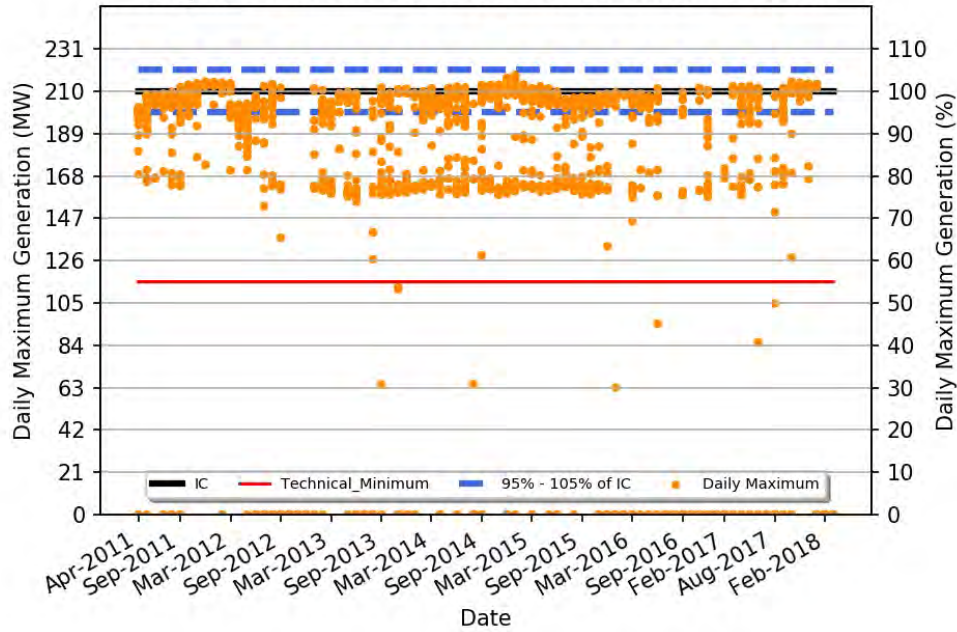


### WANAKBORI TPS UNIT - 1 210 MW

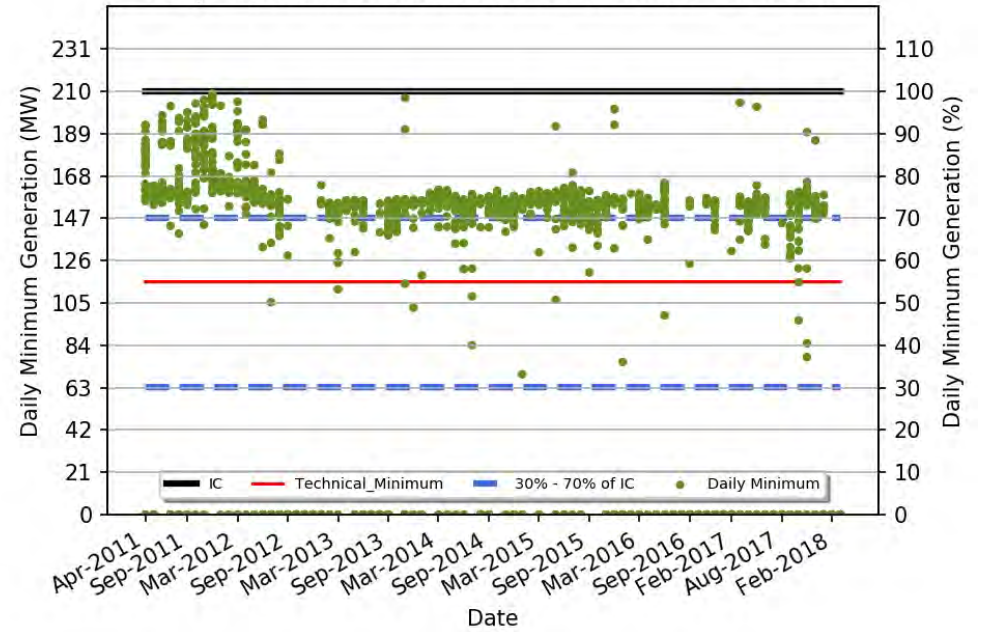
Region	: Western Region
Number of Days Considered	: 1741
No. Of Days Max Generation Achieved	: 60 (%)
(% of total days in operation)	
No. Of Days Min Generation Achieved	: 21 (%)
(% of total days in operation)	
Average Flexibility	: 25 (%)
Average Daily Max (MW)	: 193
Daily Average (MW)	: 166
Average Daily Min (MW)	: 139
Average Daily Max/ IC (%)	: 92
Daily Average/IC (%)	: 79
Average Daily Min/IC (%)	: 66
Variable Charge (Paisa/kWh)	: 412



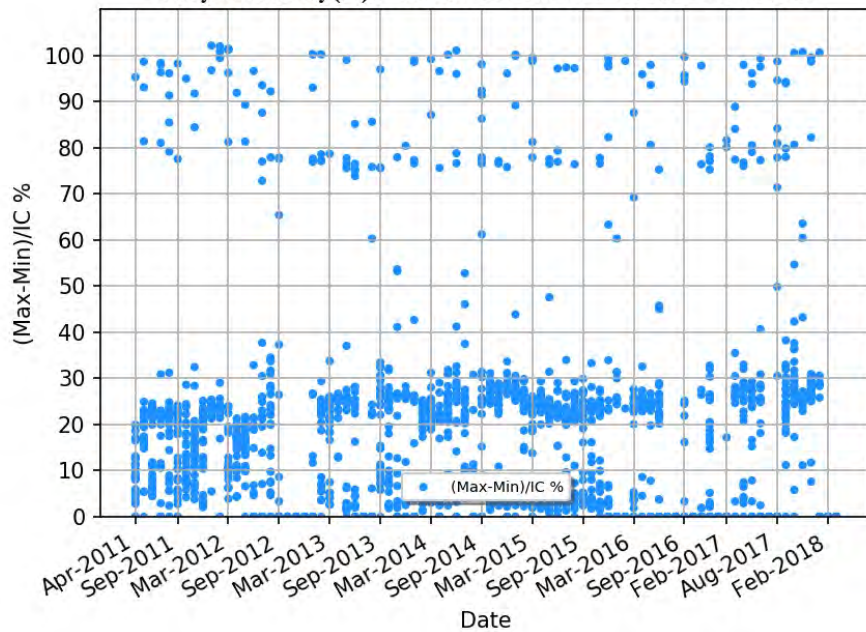
Daily Max Generation : WANAKBORI TPS UNIT - 2 210 MW



Daily Min Generation : WANAKBORI TPS UNIT - 2 210 MW



Daily Flexibility(%) : WANAKBORI TPS UNIT - 2 210 MW

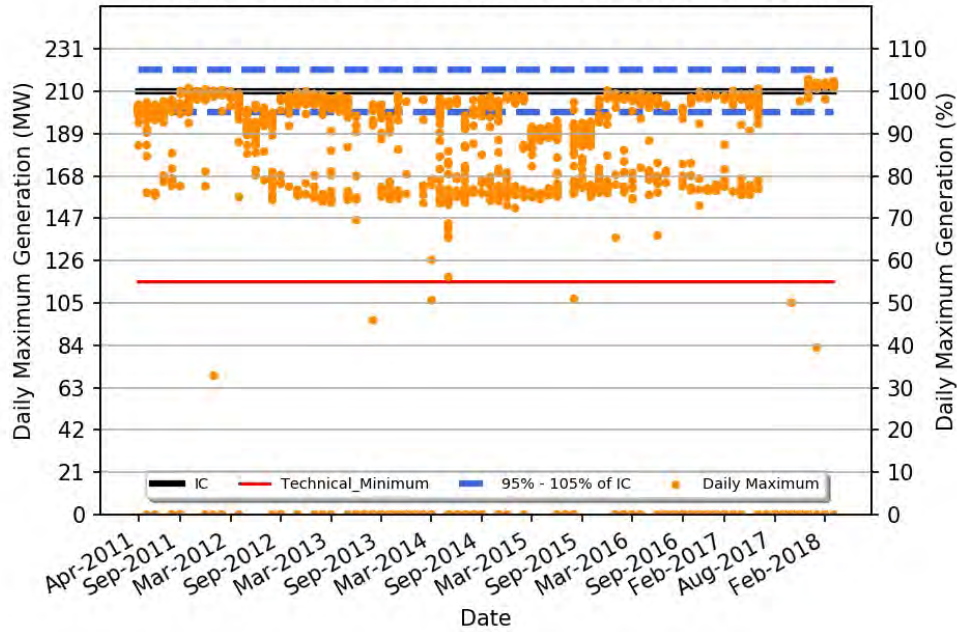


### WANAKBORI TPS UNIT - 2 210 MW

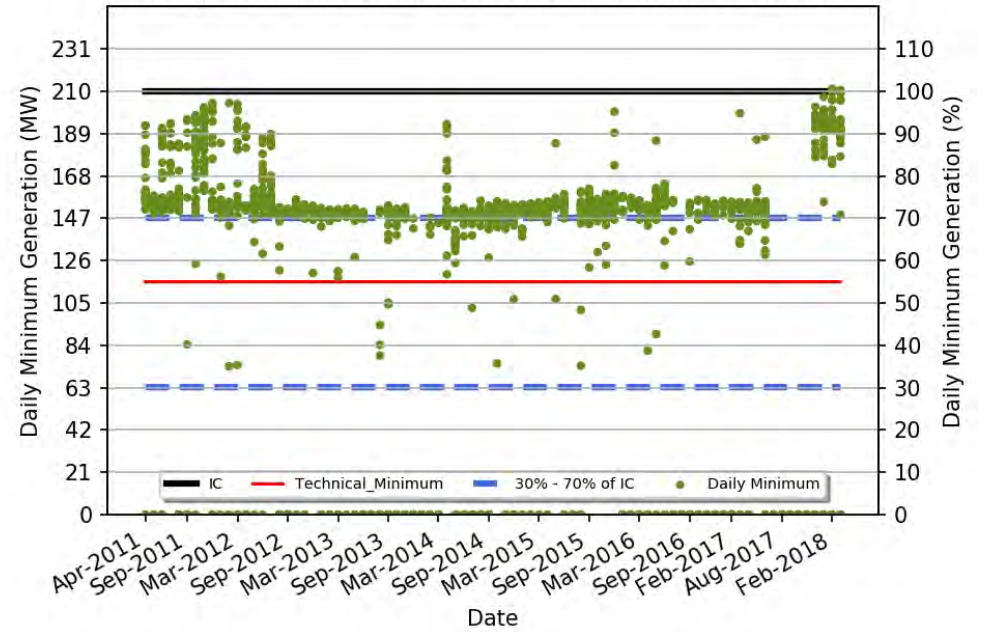
<b>Region</b>	<b>: Western Region</b>
<b>Number of Days Considered</b>	<b>: 1649</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 67 (%)</b>
(% of total days in operation)	
<b>No. Of Days Min Generation Achieved</b>	<b>: 8 (%)</b>
(% of total days in operation)	
<b>Average Flexibility</b>	<b>: 24 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 196</b>
<b>Daily Average (MW)</b>	<b>: 170</b>
<b>Average Daily Min (MW)</b>	<b>: 145</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 93</b>
<b>Daily Average/IC (%)</b>	<b>: 81</b>
<b>Average Daily Min/IC (%)</b>	<b>: 69</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 412</b>



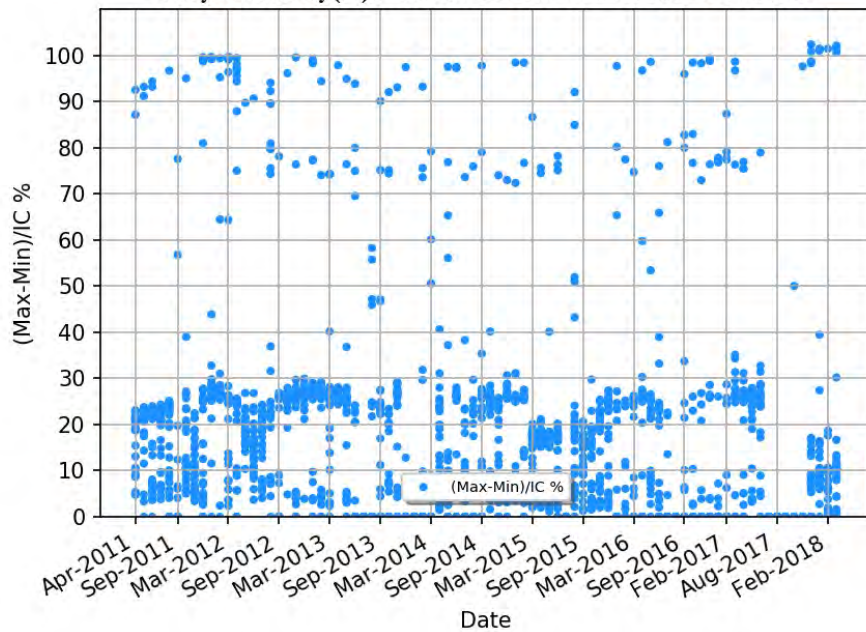
Daily Max Generation : WANAKBORI TPS UNIT - 3 210 MW



Daily Min Generation : WANAKBORI TPS UNIT - 3 210 MW



Daily Flexibility(%) : WANAKBORI TPS UNIT - 3 210 MW

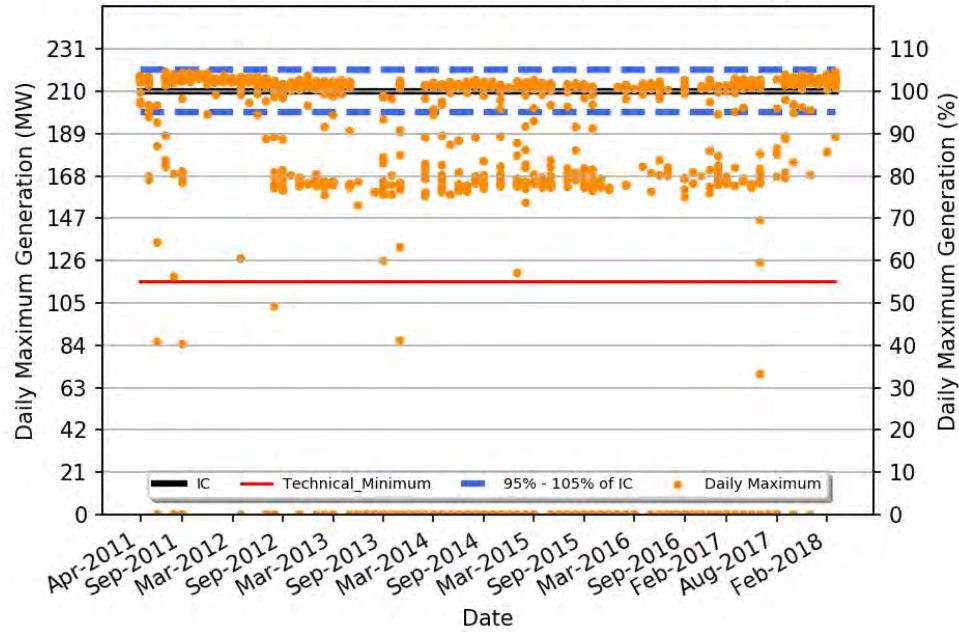


### WANAKBORI TPS UNIT - 3 210 MW

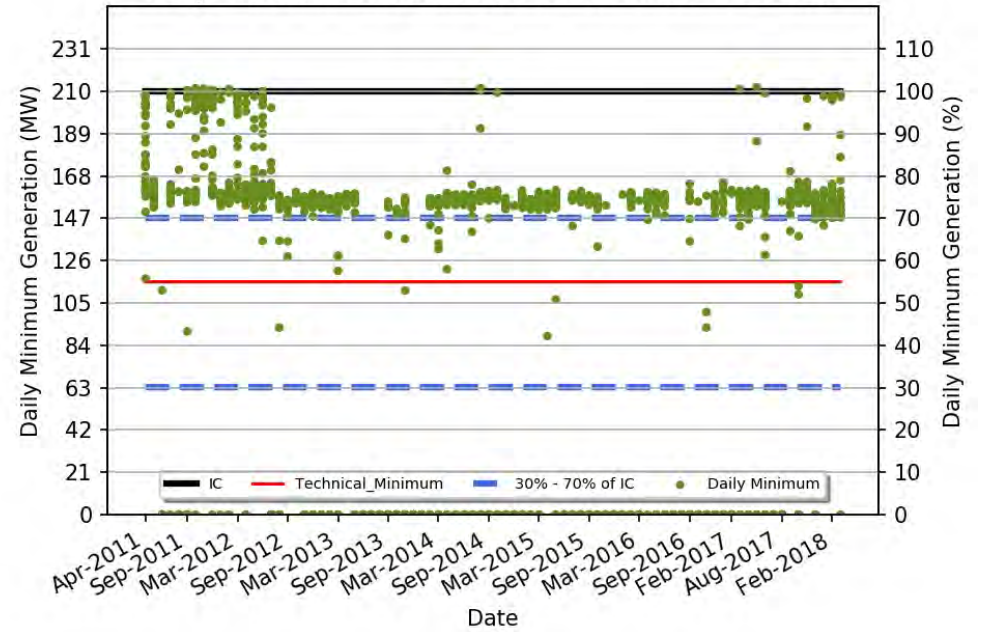
Region	: Western Region
Number of Days Considered	: 1634
No. Of Days Max Generation Achieved	: 57 (%)
(% of total days in operation)	
No. Of Days Min Generation Achieved	: 9 (%)
(% of total days in operation)	
Average Flexibility	: 23 (%)
Average Daily Max (MW)	: 194
Daily Average (MW)	: 170
Average Daily Min (MW)	: 145
Average Daily Max/ IC (%)	: 92
Daily Average/IC (%)	: 81
Average Daily Min/IC (%)	: 69
Variable Charge (Paisa/kWh)	: 412



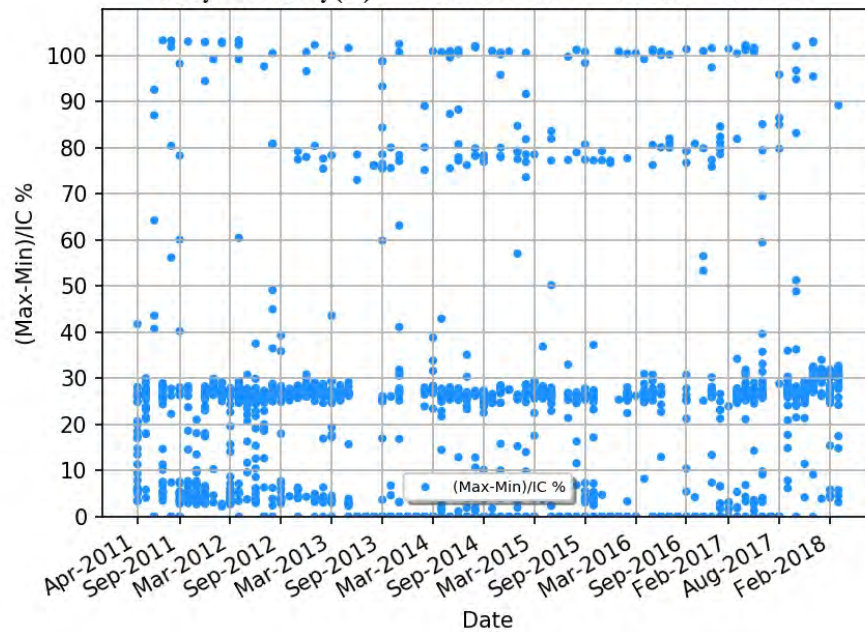
Daily Max Generation : WANAKBORI TPS UNIT - 4 210 MW



Daily Min Generation : WANAKBORI TPS UNIT - 4 210 MW



Daily Flexibility(%) : WANAKBORI TPS UNIT - 4 210 MW

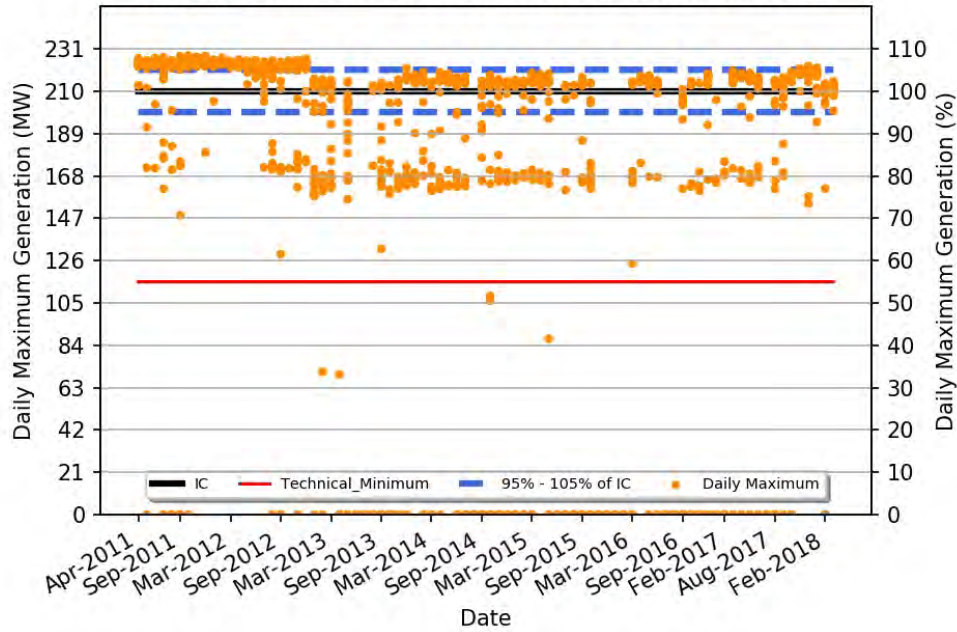


### WANAKBORI TPS UNIT - 4 210 MW

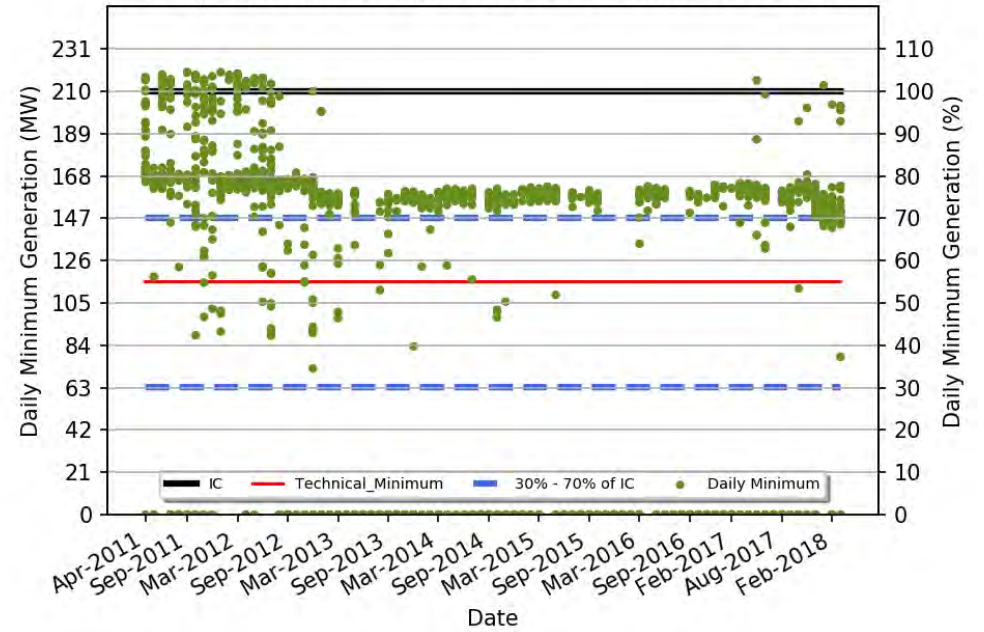
Region	: Western Region
Number of Days Considered	: 1566
No. Of Days Max Generation Achieved	: 83 (%)
(% of total days in operation)	
No. Of Days Min Generation Achieved	: 2 (%)
(% of total days in operation)	
Average Flexibility	: 28 (%)
Average Daily Max (MW)	: 206
Daily Average (MW)	: 178
Average Daily Min (MW)	: 147
Average Daily Max/ IC (%)	: 98
Daily Average/IC (%)	: 84
Average Daily Min/IC (%)	: 70
Variable Charge (Paisa/kWh)	: 412



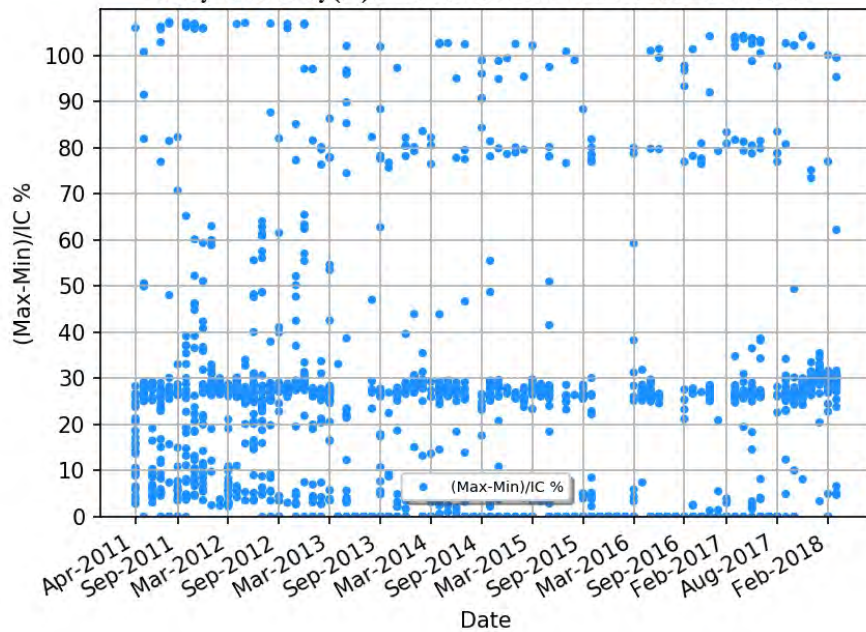
Daily Max Generation : WANAKBORI TPS UNIT - 5 210 MW



Daily Min Generation : WANAKBORI TPS UNIT - 5 210 MW



Daily Flexibility(%) : WANAKBORI TPS UNIT - 5 210 MW

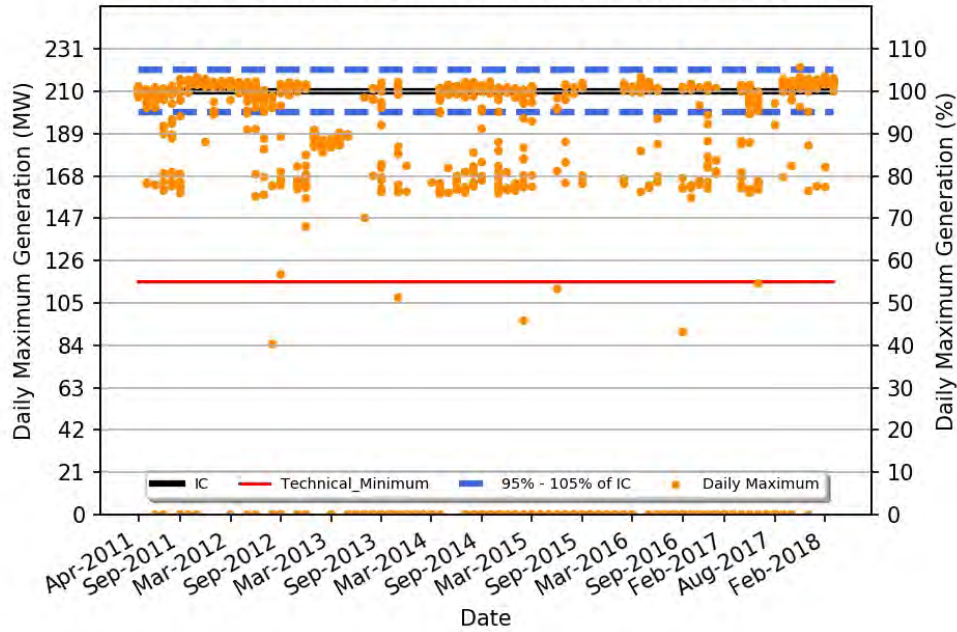


**WANAKBORI TPS UNIT - 5 210 MW**

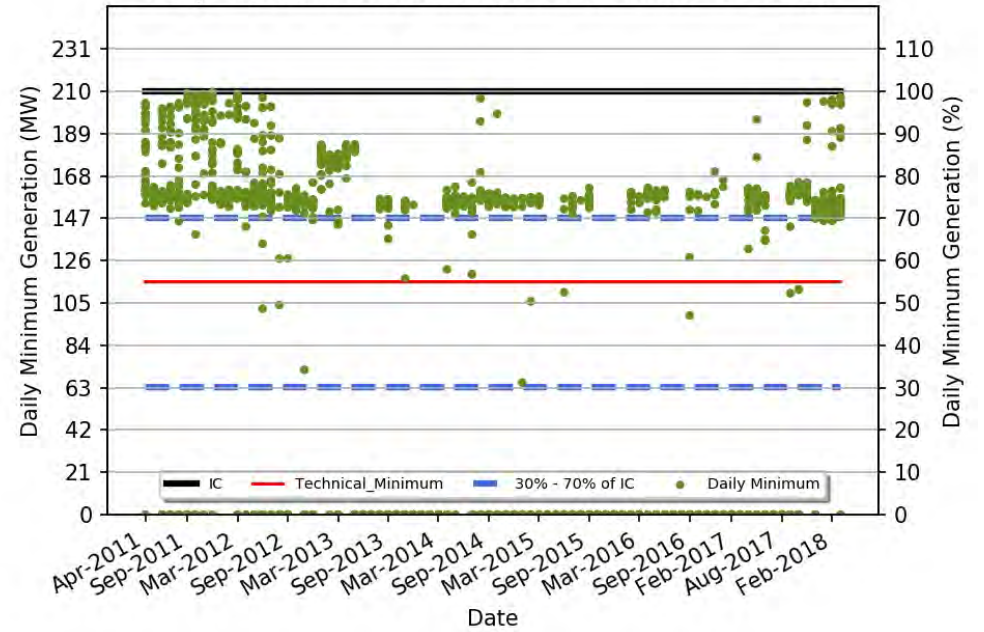
<b>Region</b>	<b>: Western Region</b>
<b>Number of Days Considered</b>	<b>: 1511</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 50 (%)</b>
(% of total days in operation)	
<b>No. Of Days Min Generation Achieved</b>	<b>: 6 (%)</b>
(% of total days in operation)	
<b>Average Flexibility</b>	<b>: 29 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 211</b>
<b>Daily Average (MW)</b>	<b>: 182</b>
<b>Average Daily Min (MW)</b>	<b>: 148</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 100</b>
<b>Daily Average/IC (%)</b>	<b>: 86</b>
<b>Average Daily Min/IC (%)</b>	<b>: 70</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 412</b>



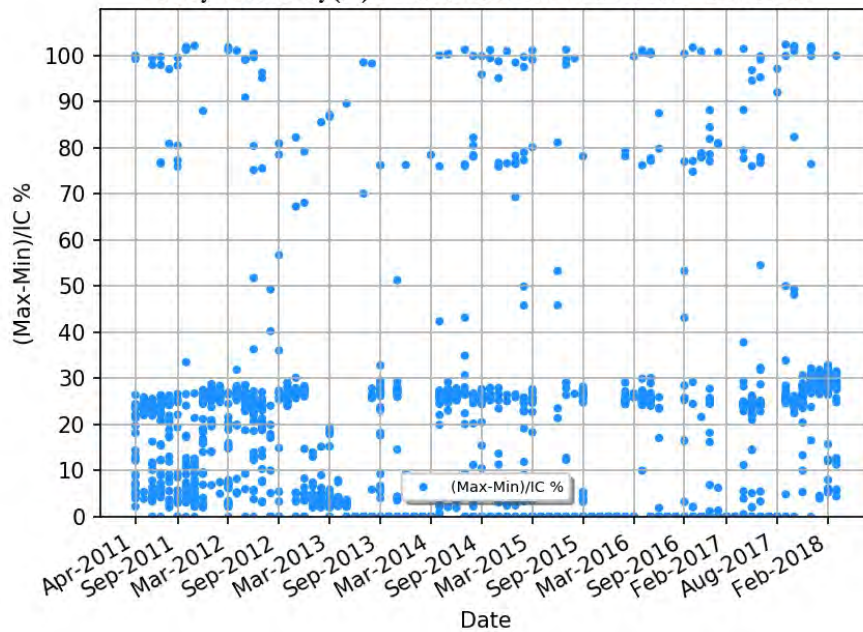
Daily Max Generation : WANAKBORI TPS UNIT - 6 210 MW



Daily Min Generation : WANAKBORI TPS UNIT - 6 210 MW



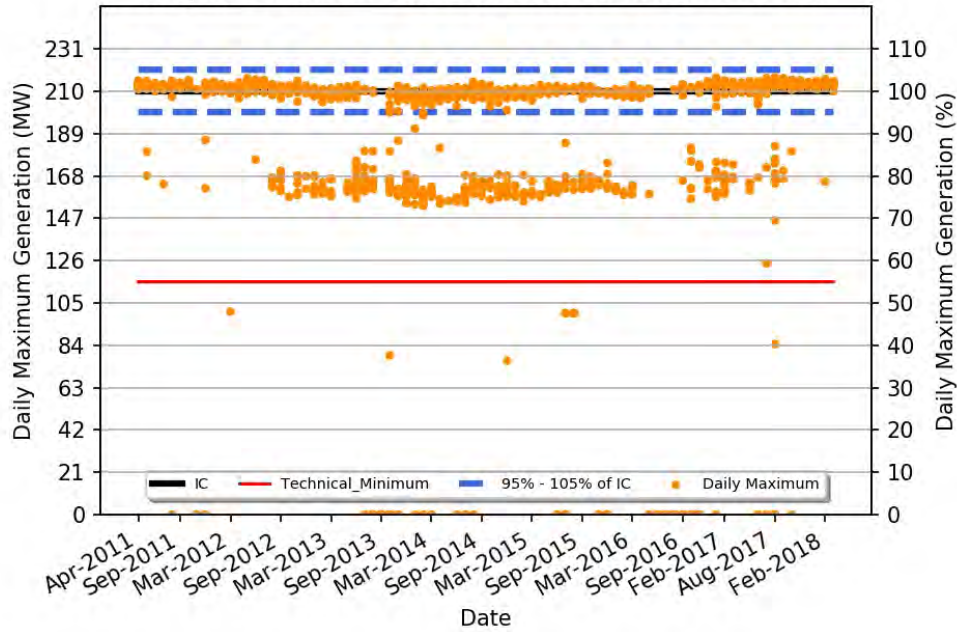
Daily Flexibility(%) : WANAKBORI TPS UNIT - 6 210 MW



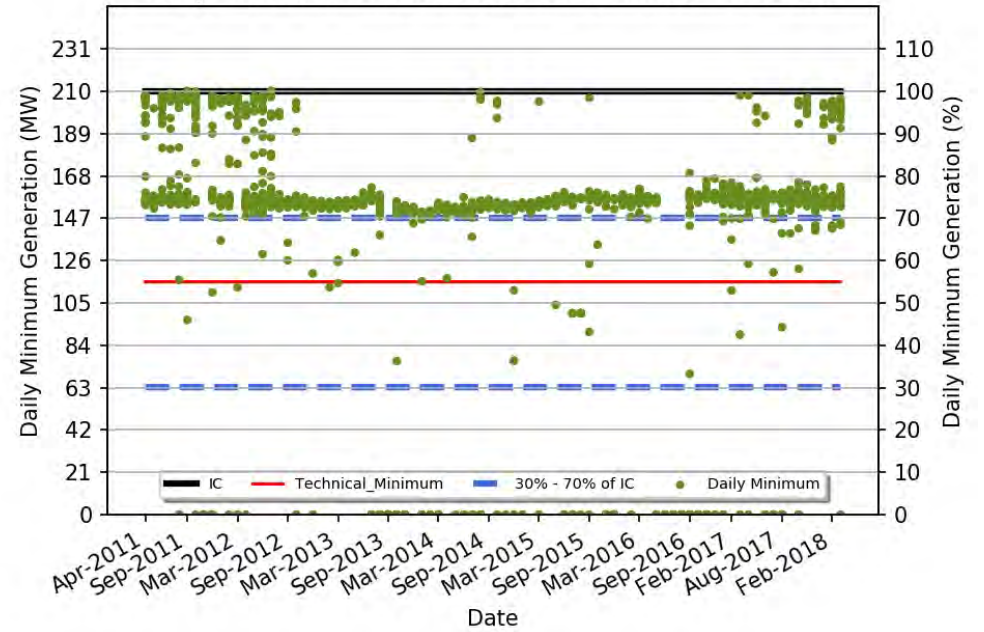
**WANAKBORI TPS UNIT - 6 210 MW**

<b>Region</b>	<b>: Western Region</b>
<b>Number of Days Considered</b>	<b>: 1369</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 77 (%)</b>
(% of total days in operation)	
<b>No. Of Days Min Generation Achieved</b>	<b>: 2 (%)</b>
(% of total days in operation)	
<b>Average Flexibility</b>	<b>: 25 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 203</b>
<b>Daily Average (MW)</b>	<b>: 180</b>
<b>Average Daily Min (MW)</b>	<b>: 150</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 96</b>
<b>Daily Average/IC (%)</b>	<b>: 85</b>
<b>Average Daily Min/IC (%)</b>	<b>: 71</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 412</b>

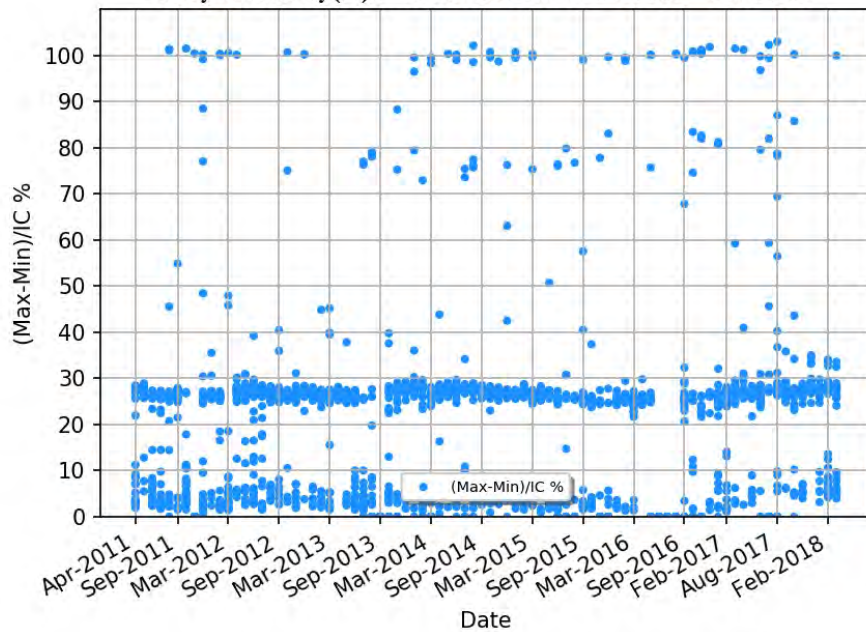
Daily Max Generation : WANAKBORI TPS UNIT - 7 210 MW



Daily Min Generation : WANAKBORI TPS UNIT - 7 210 MW



Daily Flexibility(%) : WANAKBORI TPS UNIT - 7 210 MW



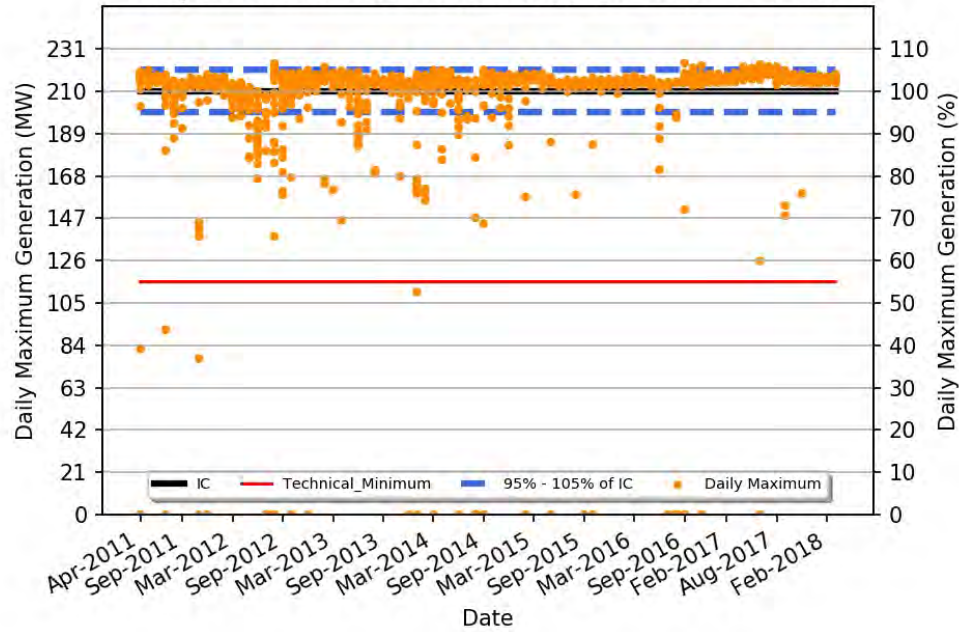
### WANAKBORI TPS UNIT - 7 210 MW

Region	: Western Region
Number of Days Considered	: 2147
No. Of Days Max Generation Achieved	: 82 (%)
(% of total days in operation)	
No. Of Days Min Generation Achieved	: 4 (%)
(% of total days in operation)	
Average Flexibility	: 22 (%)
Average Daily Max (MW)	: 201
Daily Average (MW)	: 176
Average Daily Min (MW)	: 153
Average Daily Max/ IC (%)	: 96
Daily Average/IC (%)	: 84
Average Daily Min/IC (%)	: 73
Variable Charge (Paisa/kWh)	: 402

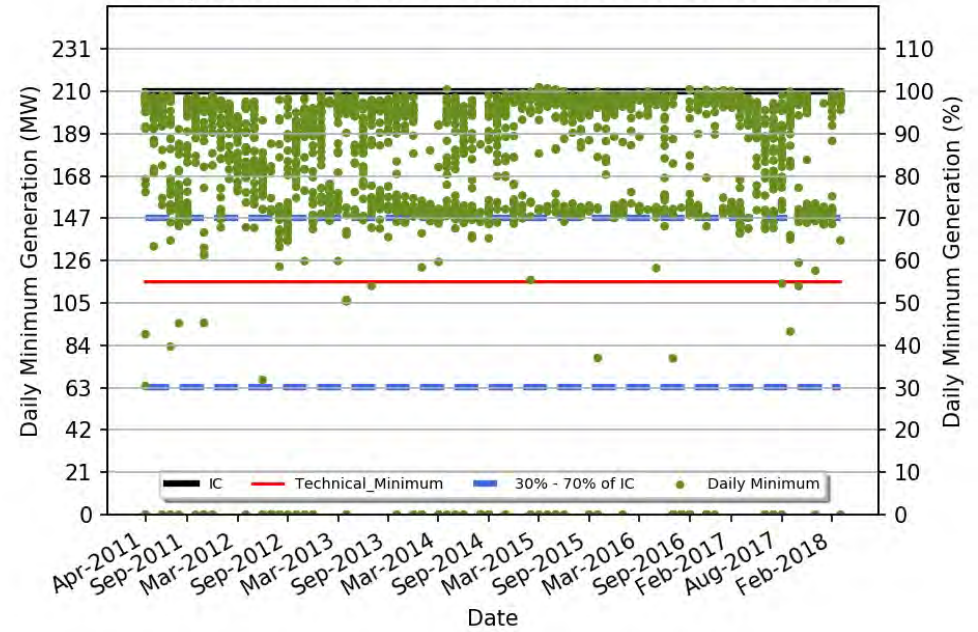


# MADHYA PRADESH

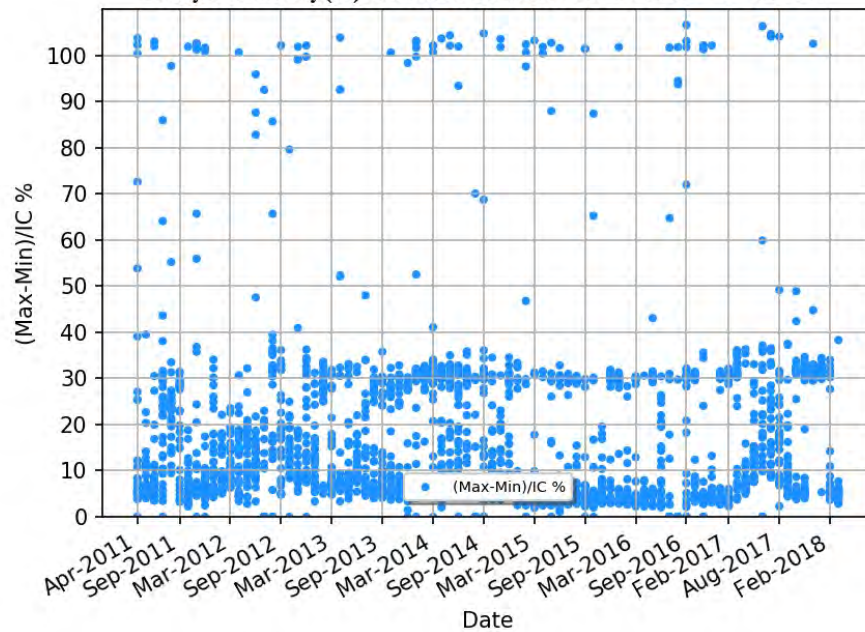
Daily Max Generation : AMARKANTAK TPS UNIT - 1 210 MW



Daily Min Generation : AMARKANTAK TPS UNIT - 1 210 MW



Daily Flexibility(%) : AMARKANTAK TPS UNIT - 1 210 MW

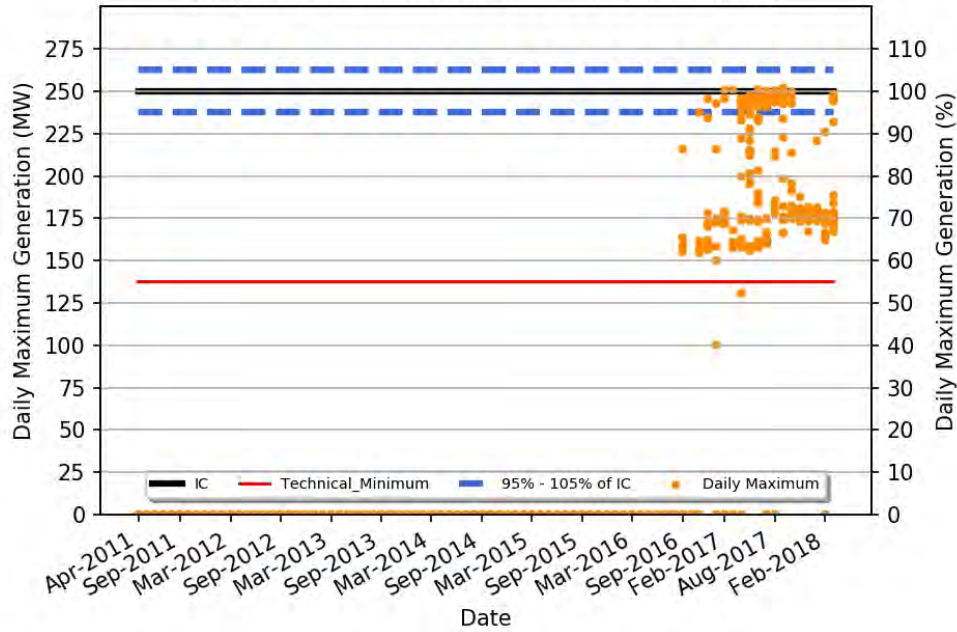


**AMARKANTAK TPS UNIT - 1 210 MW**

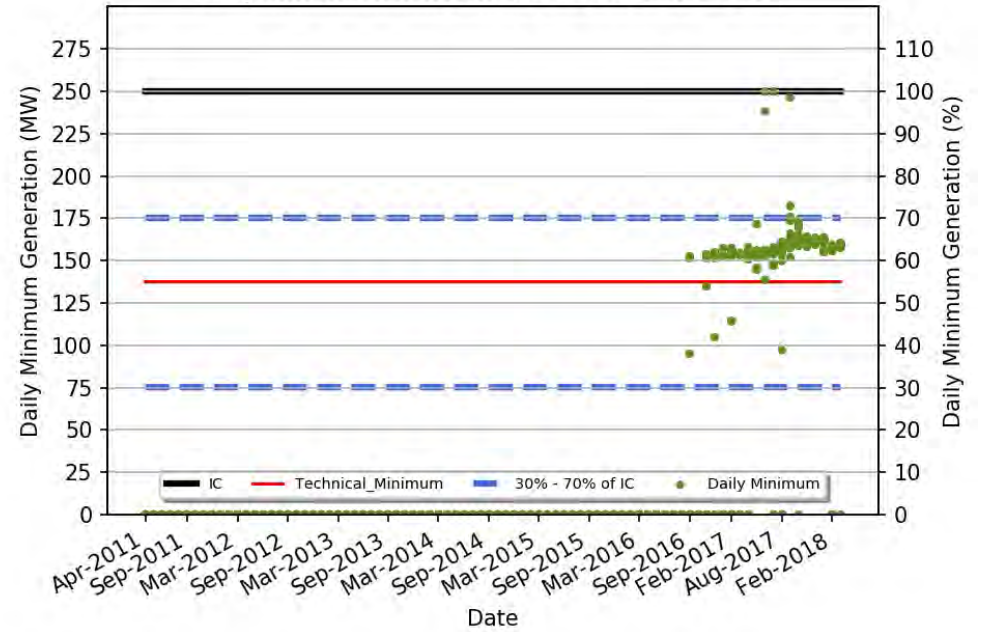
<b>Region</b>	<b>: Western Region</b>
<b>Number of Days Considered</b>	<b>: 2400</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 93 (%)</b>
(% of total days in operation)	
<b>No. Of Days Min Generation Achieved</b>	<b>: 6 (%)</b>
(% of total days in operation)	
<b>Average Flexibility</b>	<b>: 17 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 213</b>
<b>Daily Average (MW)</b>	<b>: 200</b>
<b>Average Daily Min (MW)</b>	<b>: 176</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 101</b>
<b>Daily Average/IC (%)</b>	<b>: 95</b>
<b>Average Daily Min/IC (%)</b>	<b>: 83</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 156</b>



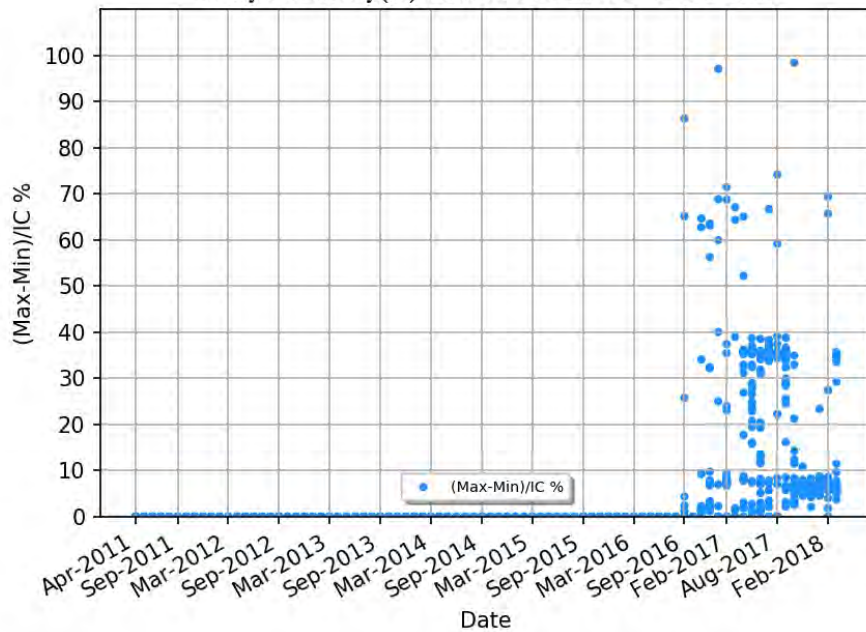
Daily Max Generation : BINA TPS UNIT - 1 250 MW



Daily Min Generation : BINA TPS UNIT - 1 250 MW



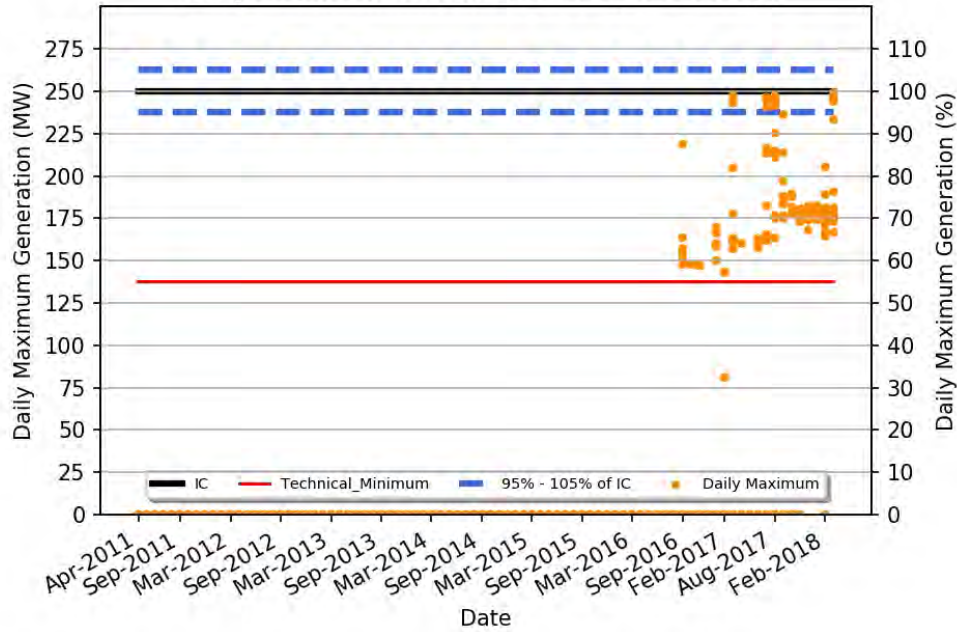
Daily Flexibility(%) : BINA TPS UNIT - 1 250 MW



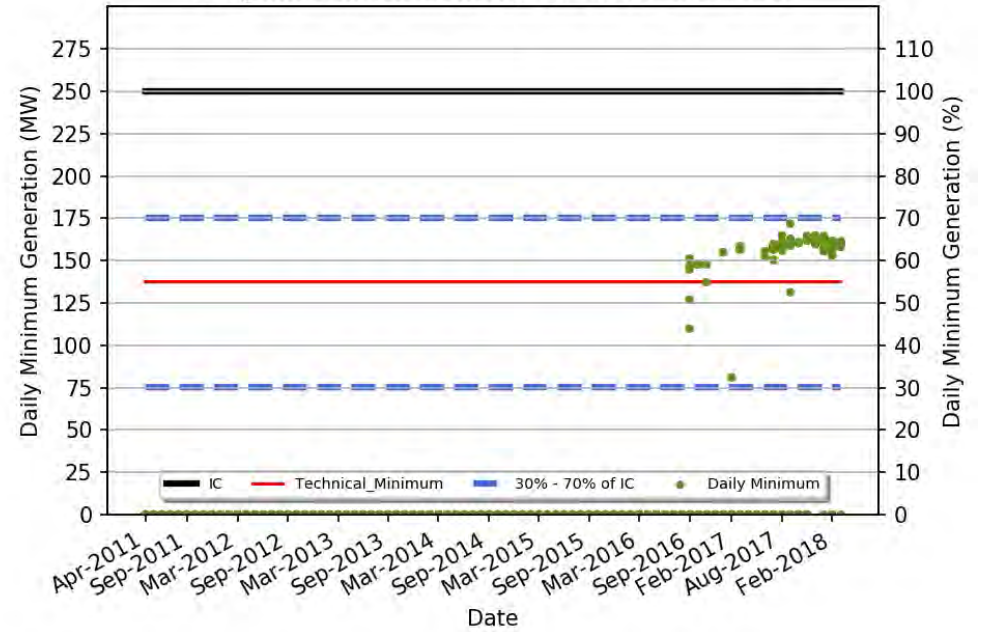
### BINA TPS UNIT - 1 250 MW

<b>Region</b>	<b>: Western Region</b>
<b>Number of Days Considered</b>	<b>: 421</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 22 (%)</b>
(% of total days in operation)	
<b>No. Of Days Min Generation Achieved</b>	<b>: 94 (%)</b>
(% of total days in operation)	
<b>Average Flexibility</b>	<b>: 16 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 193</b>
<b>Daily Average (MW)</b>	<b>: 168</b>
<b>Average Daily Min (MW)</b>	<b>: 152</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 77</b>
<b>Daily Average/IC (%)</b>	<b>: 67</b>
<b>Average Daily Min/IC (%)</b>	<b>: 60</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 318</b>

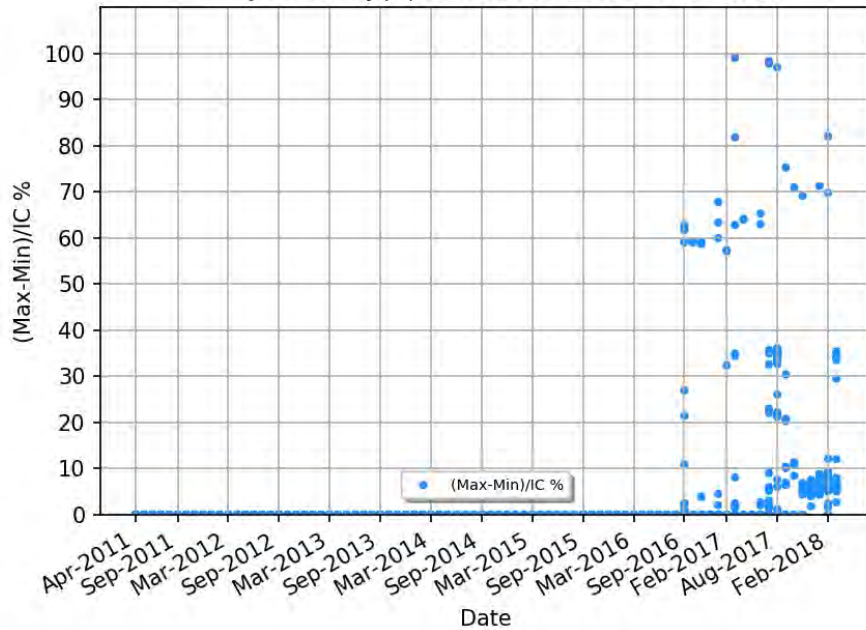
Daily Max Generation : BINA TPS UNIT - 2 250 MW



Daily Min Generation : BINA TPS UNIT - 2 250 MW



Daily Flexibility(%) : BINA TPS UNIT - 2 250 MW

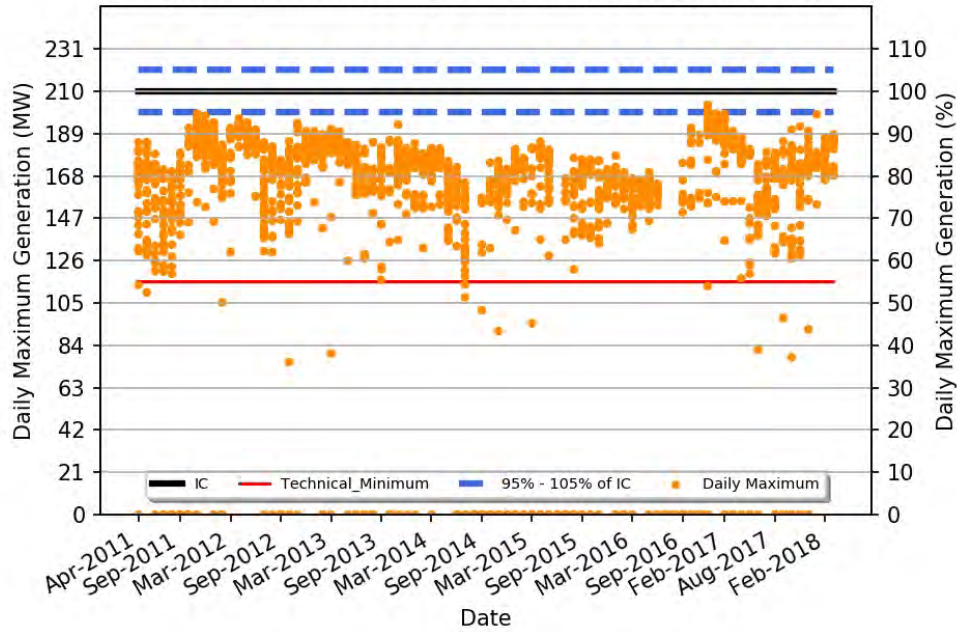


**BINA TPS UNIT - 2 250 MW**

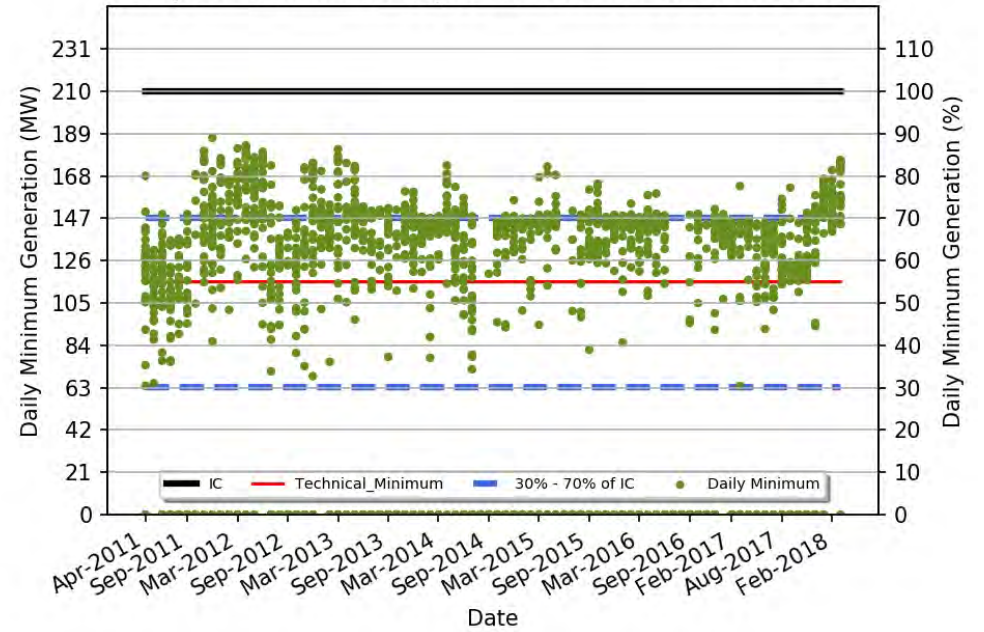
<b>Region</b>	<b>: Western Region</b>
<b>Number of Days Considered</b>	<b>: 244</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 12 (%)</b>
<i>(% of total days in operation)</i>	
<b>No. Of Days Min Generation Achieved</b>	<b>: 90 (%)</b>
<i>(% of total days in operation)</i>	
<b>Average Flexibility</b>	<b>: 15 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 182</b>
<b>Daily Average (MW)</b>	<b>: 161</b>
<b>Average Daily Min (MW)</b>	<b>: 143</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 72</b>
<b>Daily Average/IC (%)</b>	<b>: 64</b>
<b>Average Daily Min/IC (%)</b>	<b>: 57</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 318</b>



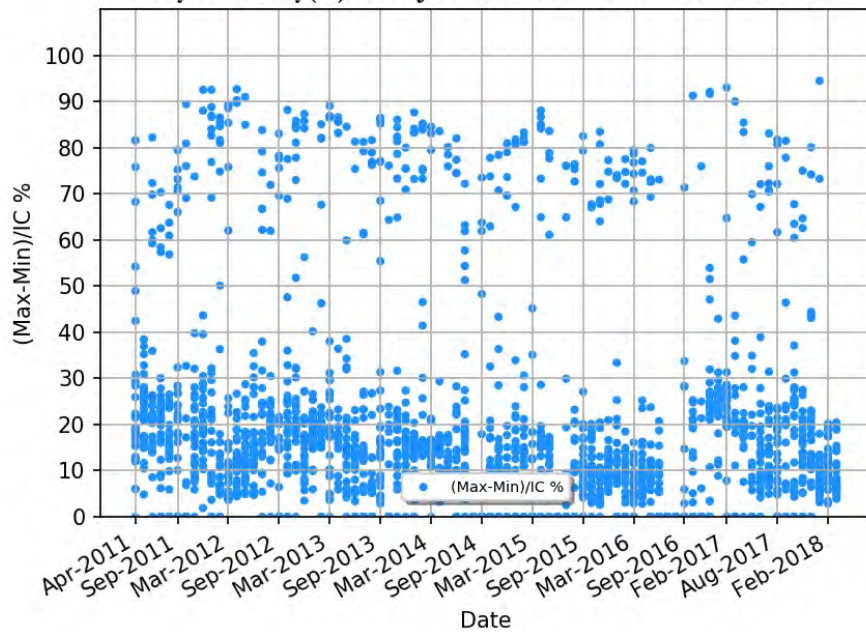
Daily Max Generation : SANJAY GANDHI TPS UNIT - 1 210 MW



Daily Min Generation : SANJAY GANDHI TPS UNIT - 1 210 MW



Daily Flexibility(%) : SANJAY GANDHI TPS UNIT - 1 210 MW

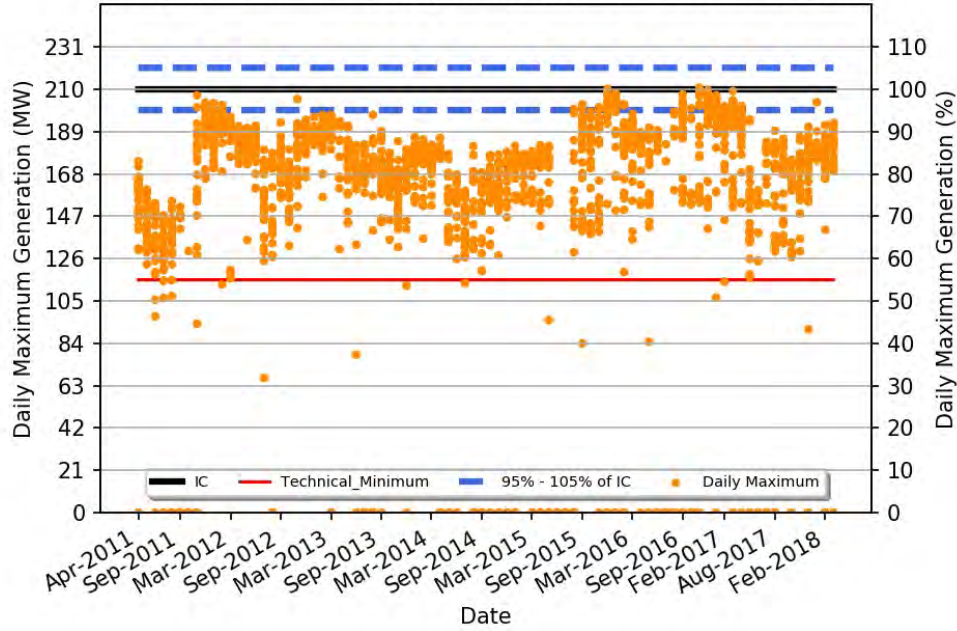


### SANJAY GANDHI TPS UNIT - 1 210 MW

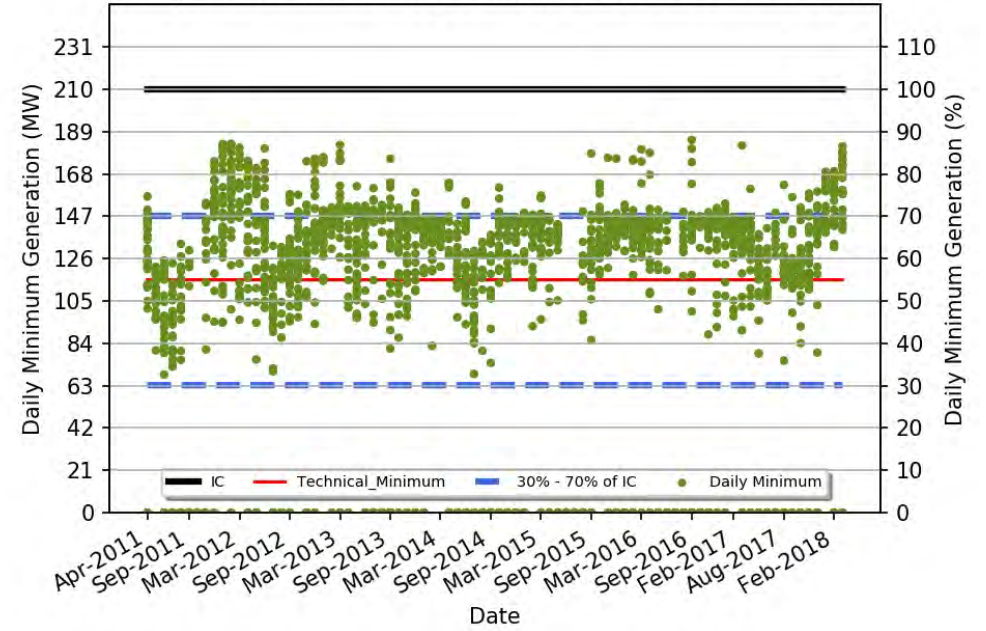
Region	: Western Region
Number of Days Considered	: 1863
No. Of Days Max Generation Achieved	: 0 (%)
(% of total days in operation)	
No. Of Days Min Generation Achieved	: 63 (%)
(% of total days in operation)	
Average Flexibility	: 21 (%)
Average Daily Max (MW)	: 170
Daily Average (MW)	: 151
Average Daily Min (MW)	: 125
Average Daily Max/ IC (%)	: 81
Daily Average/IC (%)	: 72
Average Daily Min/IC (%)	: 59
Variable Charge (Paisa/kWh)	: 221



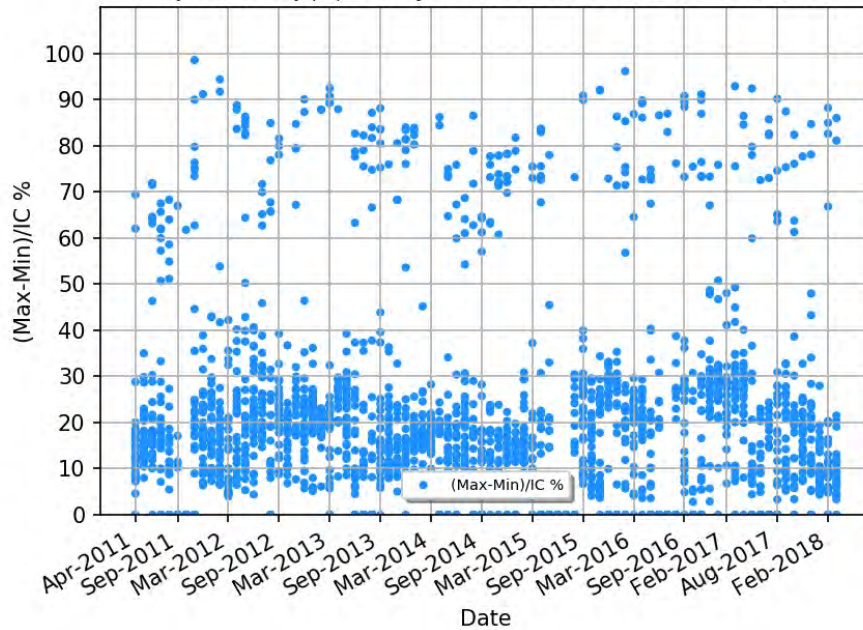
Daily Max Generation : SANJAY GANDHI TPS UNIT - 2 210 MW



Daily Min Generation : SANJAY GANDHI TPS UNIT - 2 210 MW



Daily Flexibility(%) : SANJAY GANDHI TPS UNIT - 2 210 MW

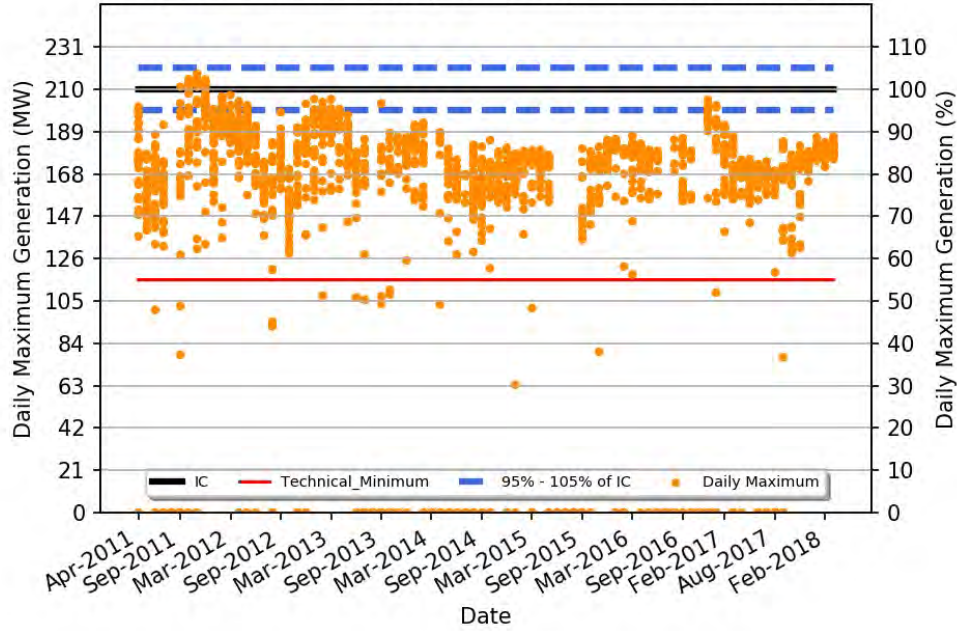


### SANJAY GANDHI TPS UNIT - 2 210 MW

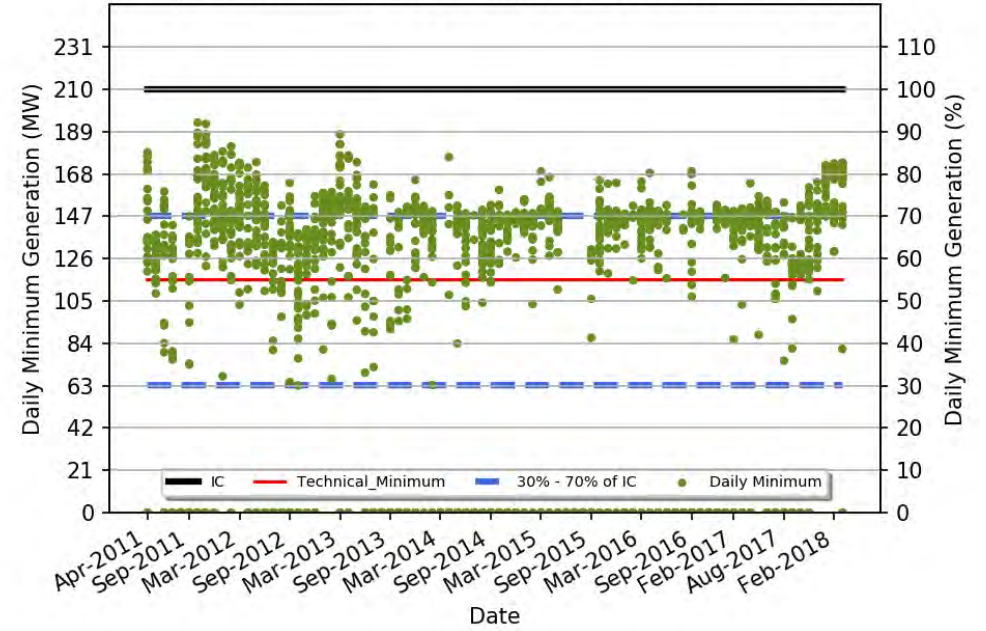
Region	: Western Region
Number of Days Considered	: 1945
No. Of Days Max Generation Achieved	: 5 (%)
(% of total days in operation)	
No. Of Days Min Generation Achieved	: 72 (%)
(% of total days in operation)	
Average Flexibility	: 23 (%)
Average Daily Max (MW)	: 172
Daily Average (MW)	: 151
Average Daily Min (MW)	: 123
Average Daily Max/ IC (%)	: 82
Daily Average/IC (%)	: 72
Average Daily Min/IC (%)	: 58
Variable Charge (Paisa/kWh)	: 221



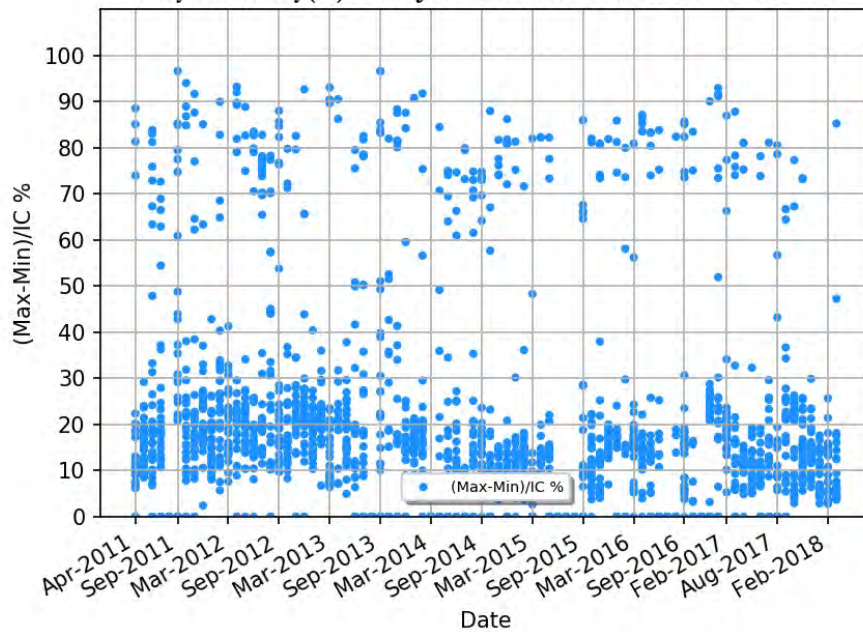
Daily Max Generation : SANJAY GANDHI TPS UNIT - 3 210 MW



Daily Min Generation : SANJAY GANDHI TPS UNIT - 3 210 MW



Daily Flexibility(%) : SANJAY GANDHI TPS UNIT - 3 210 MW

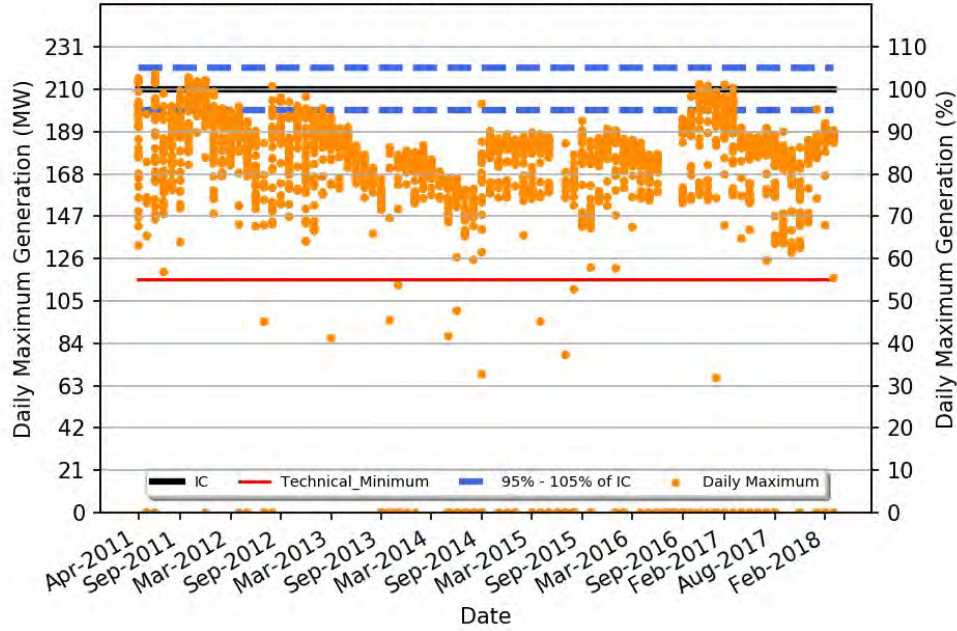


### SANJAY GANDHI TPS UNIT - 3 210 MW

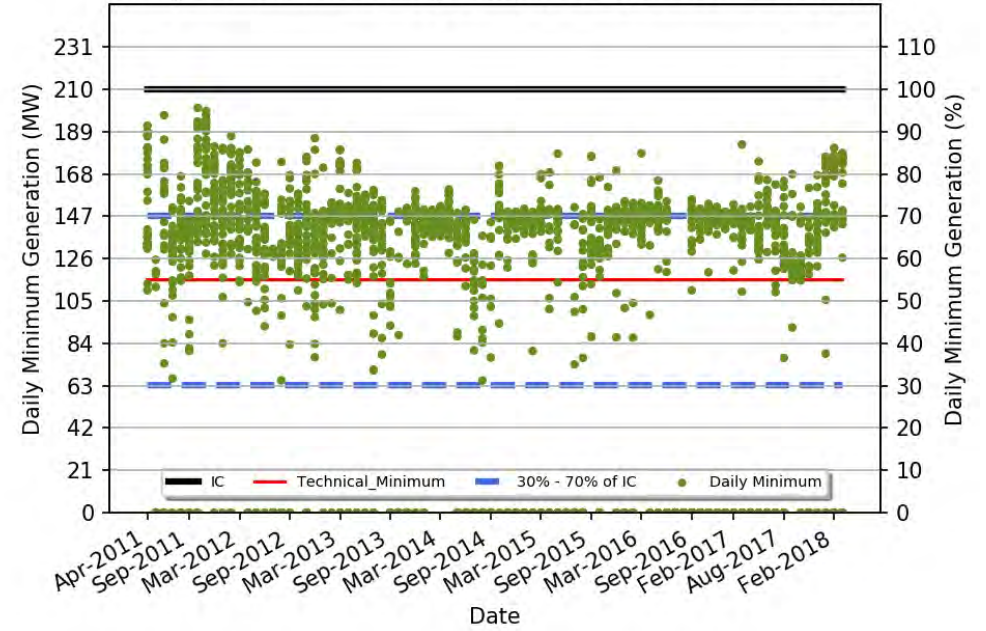
Region	: Western Region
Number of Days Considered	: 1759
No. Of Days Max Generation Achieved	: 5 (%)
(% of total days in operation)	
No. Of Days Min Generation Achieved	: 54 (%)
(% of total days in operation)	
Average Flexibility	: 22 (%)
Average Daily Max (MW)	: 175
Daily Average (MW)	: 155
Average Daily Min (MW)	: 127
Average Daily Max/ IC (%)	: 83
Daily Average/IC (%)	: 74
Average Daily Min/IC (%)	: 60
Variable Charge (Paisa/kWh)	: 221



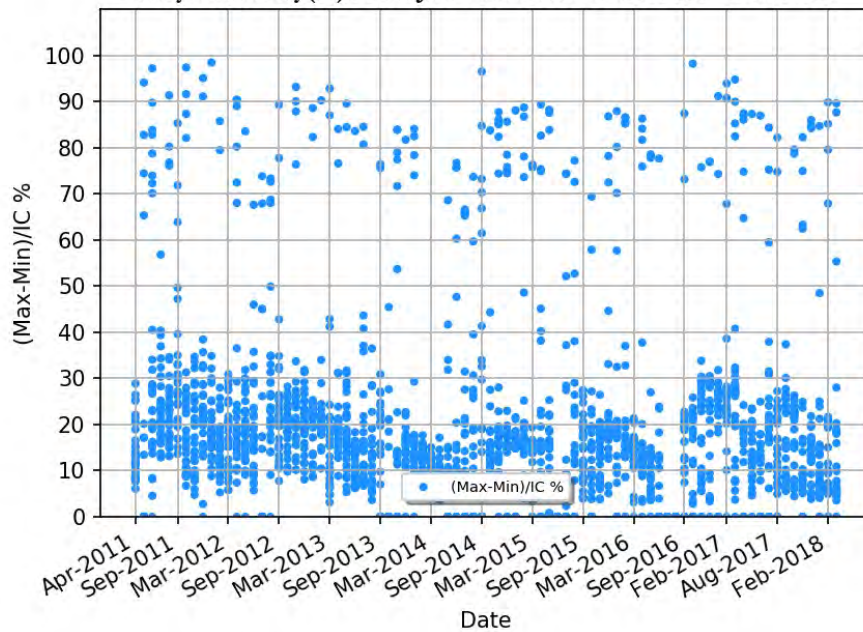
Daily Max Generation : SANJAY GANDHI TPS UNIT - 4 210 MW



Daily Min Generation : SANJAY GANDHI TPS UNIT - 4 210 MW



Daily Flexibility(%) : SANJAY GANDHI TPS UNIT - 4 210 MW

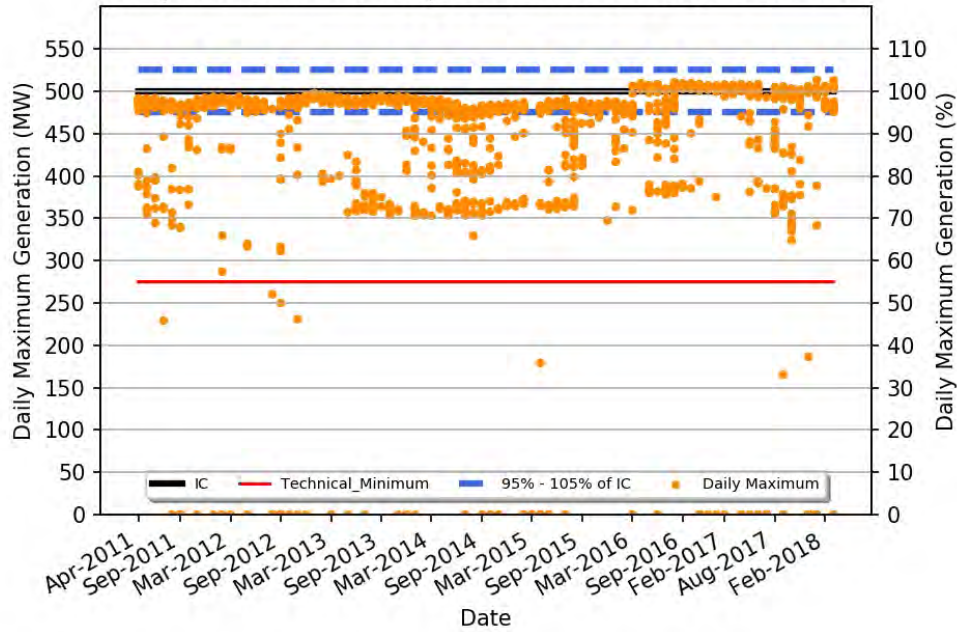


### SANJAY GANDHI TPS UNIT - 4 210 MW

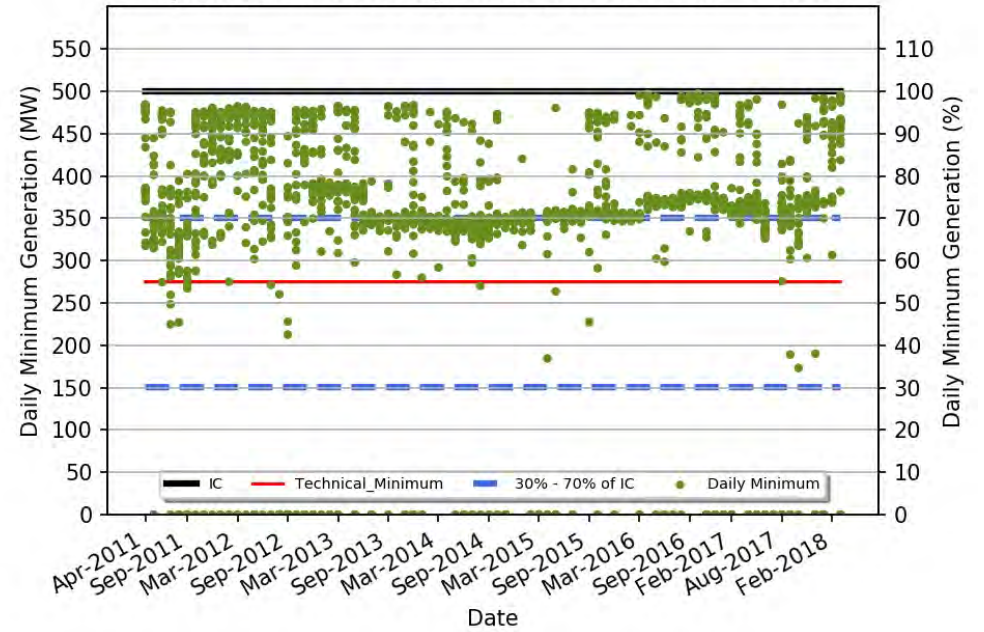
Region	: Western Region
Number of Days Considered	: 2032
No. Of Days Max Generation Achieved	: 8 (%)
(% of total days in operation)	
No. Of Days Min Generation Achieved	: 54 (%)
(% of total days in operation)	
Average Flexibility	: 21 (%)
Average Daily Max (MW)	: 177
Daily Average (MW)	: 158
Average Daily Min (MW)	: 132
Average Daily Max/ IC (%)	: 84
Daily Average/IC (%)	: 75
Average Daily Min/IC (%)	: 63
Variable Charge (Paisa/kWh)	: 221



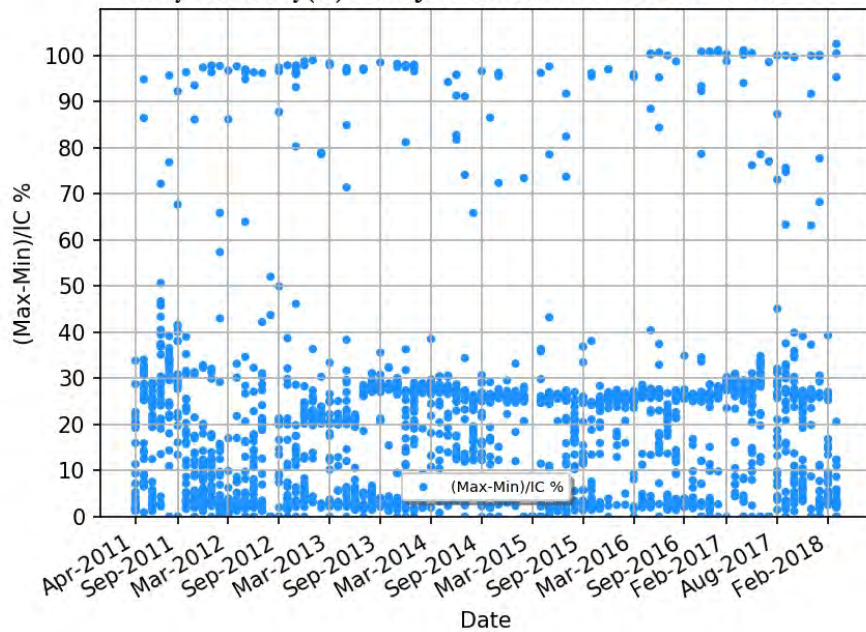
Daily Max Generation : SANJAY GANDHI TPS UNIT - 5 500 MW



Daily Min Generation : SANJAY GANDHI TPS UNIT - 5 500 MW



Daily Flexibility(%) : SANJAY GANDHI TPS UNIT - 5 500 MW

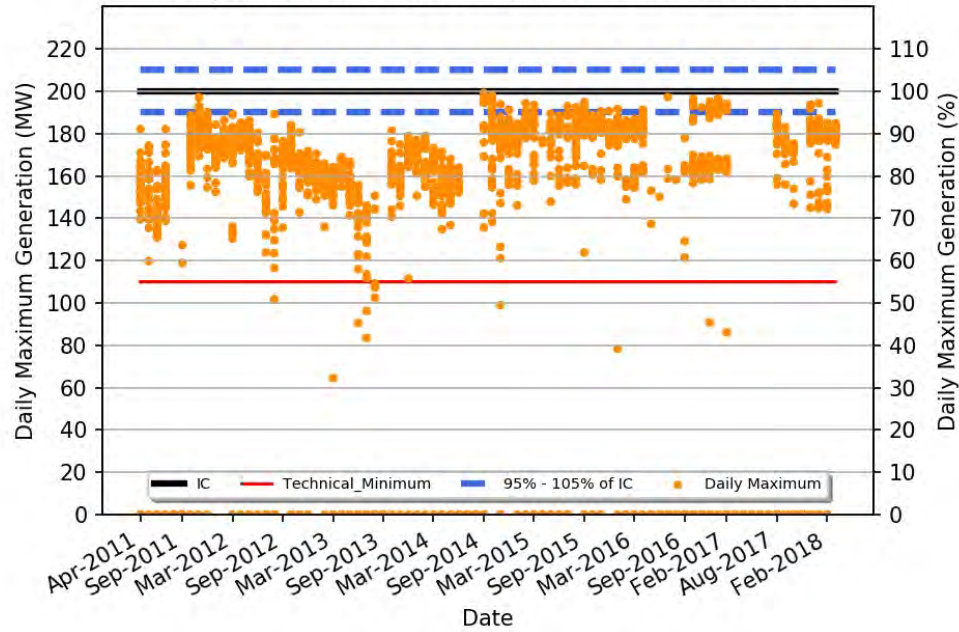


### SANJAY GANDHI TPS UNIT - 5 500 MW

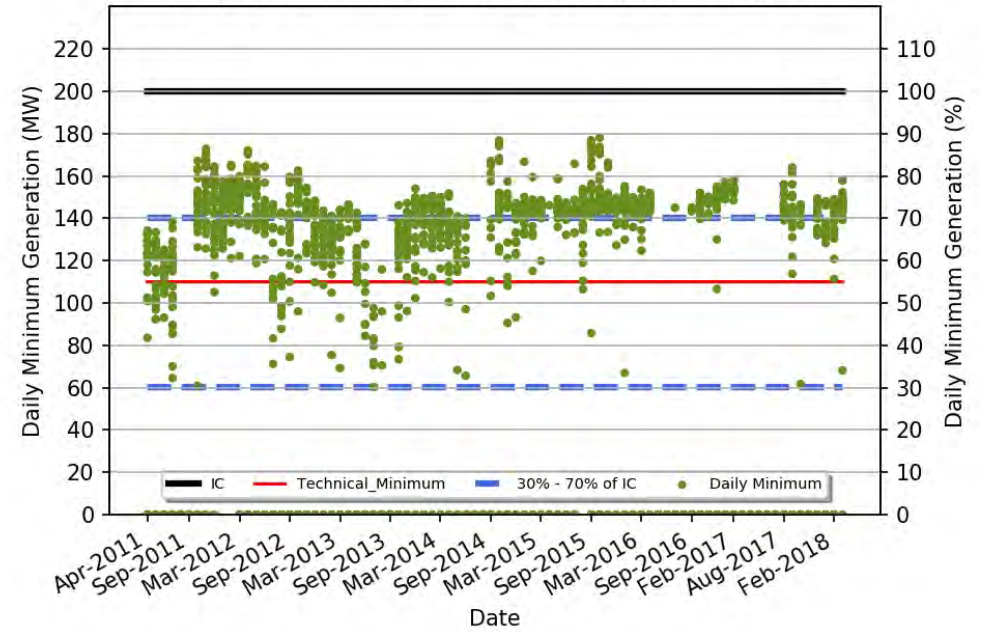
Region	: Western Region
Number of Days Considered	: 2305
No. Of Days Max Generation Achieved	: 77 (%)
(% of total days in operation)	
No. Of Days Min Generation Achieved	: 25 (%)
(% of total days in operation)	
Average Flexibility	: 20 (%)
Average Daily Max (MW)	: 470
Daily Average (MW)	: 422
Average Daily Min (MW)	: 365
Average Daily Max/ IC (%)	: 94
Daily Average/IC (%)	: 84
Average Daily Min/IC (%)	: 73
Variable Charge (Paisa/kWh)	: 221



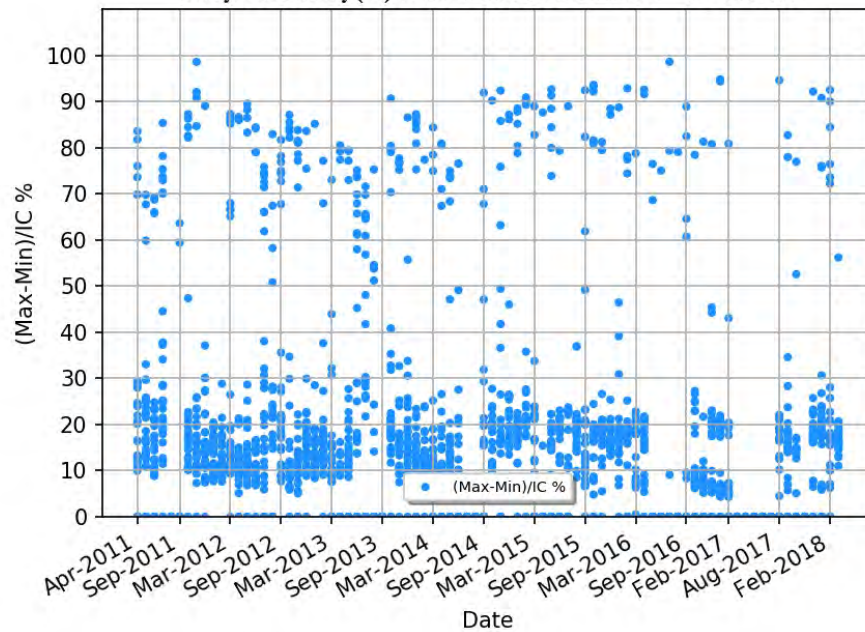
Daily Max Generation : SATPURA TPS UNIT - 6 200 MW



Daily Min Generation : SATPURA TPS UNIT - 6 200 MW



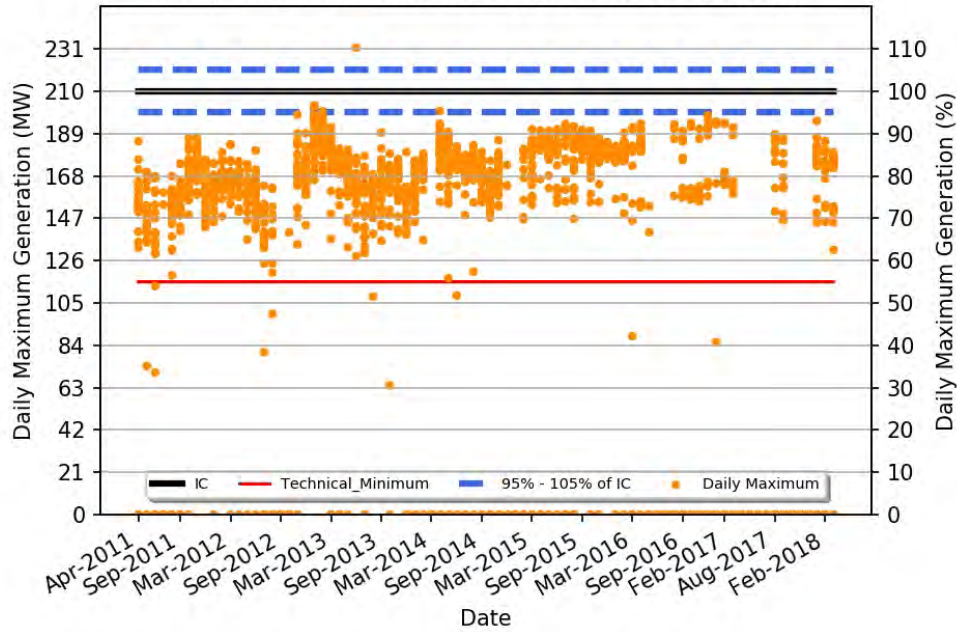
Daily Flexibility(%) : SATPURA TPS UNIT - 6 200 MW



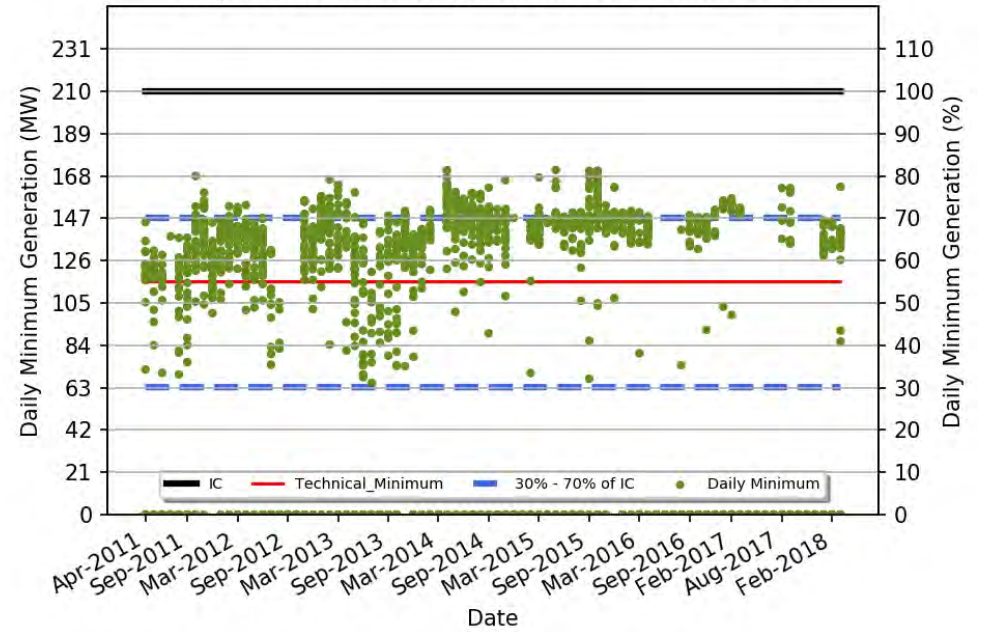
SATPURA TPS UNIT - 6 200 MW	
Region	: Western Region
Number of Days Considered	: 1574
No. Of Days Max Generation Achieved	: 5 (%)
(% of total days in operation)	
No. Of Days Min Generation Achieved	: 36 (%)
(% of total days in operation)	
Average Flexibility	: 22 (%)
Average Daily Max (MW)	: 170
Daily Average (MW)	: 151
Average Daily Min (MW)	: 125
Average Daily Max/ IC (%)	: 85
Daily Average/IC (%)	: 75
Average Daily Min/IC (%)	: 62
Variable Charge (Paisa/kWh)	: 253



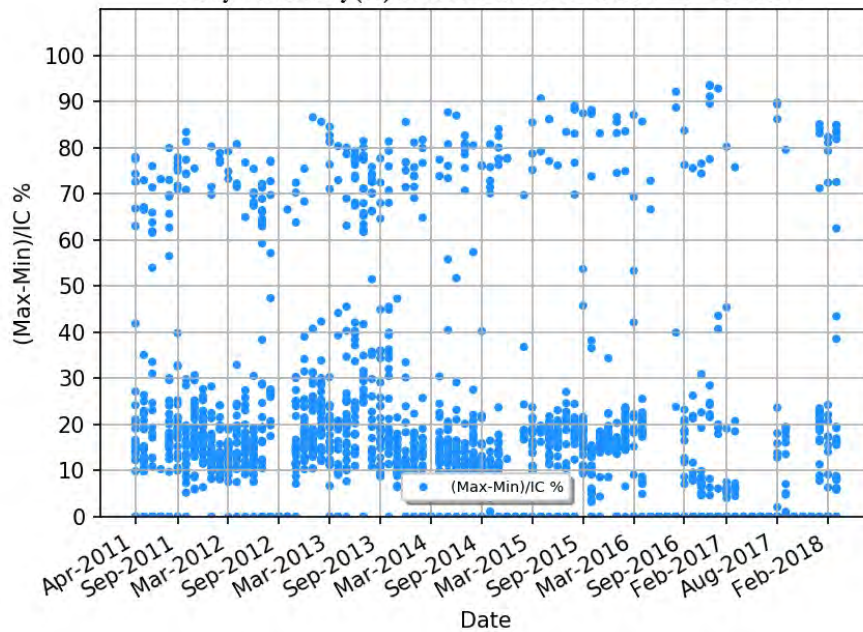
Daily Max Generation : SATPURA TPS UNIT - 7 210 MW



Daily Min Generation : SATPURA TPS UNIT - 7 210 MW



Daily Flexibility(%) : SATPURA TPS UNIT - 7 210 MW

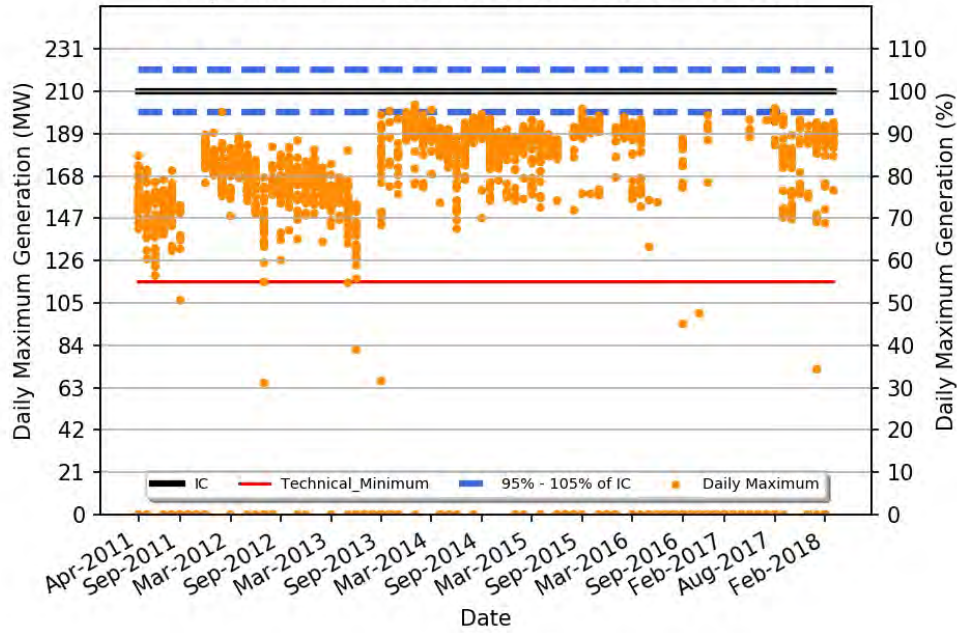


### SATPURA TPS UNIT - 7 210 MW

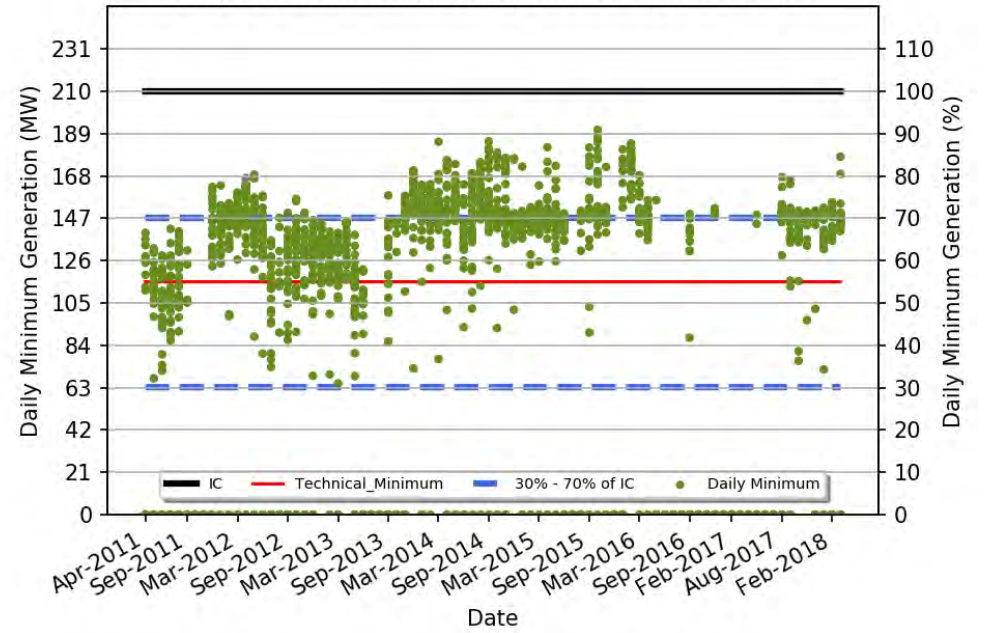
<b>Region</b>	<b>: Western Region</b>
<b>Number of Days Considered</b>	<b>: 1517</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 0 (%)</b>
(% of total days in operation)	
<b>No. Of Days Min Generation Achieved</b>	<b>: 69 (%)</b>
(% of total days in operation)	
<b>Average Flexibility</b>	<b>: 24 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 169</b>
<b>Daily Average (MW)</b>	<b>: 149</b>
<b>Average Daily Min (MW)</b>	<b>: 118</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 80</b>
<b>Daily Average/IC (%)</b>	<b>: 70</b>
<b>Average Daily Min/IC (%)</b>	<b>: 56</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 253</b>



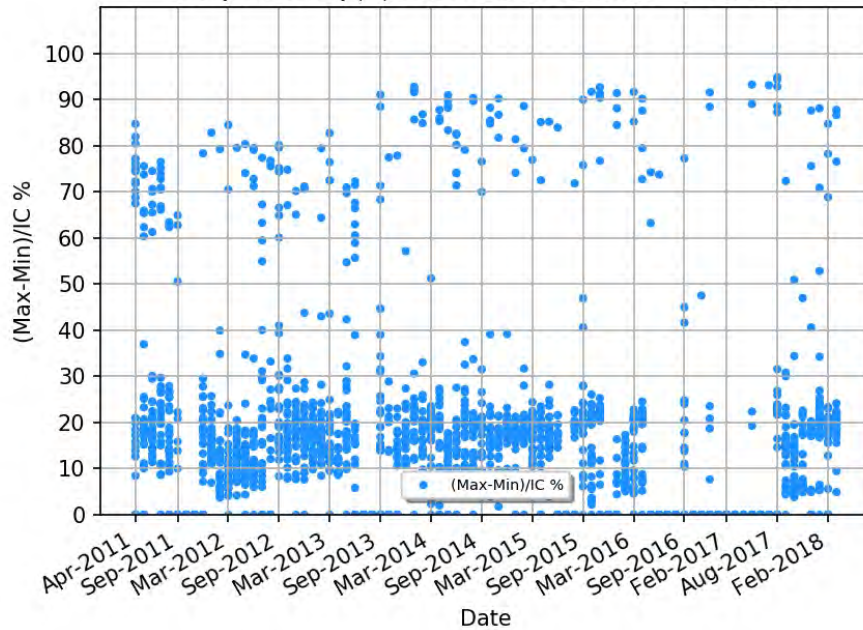
Daily Max Generation : SATPURA TPS UNIT - 8 210 MW



Daily Min Generation : SATPURA TPS UNIT - 8 210 MW



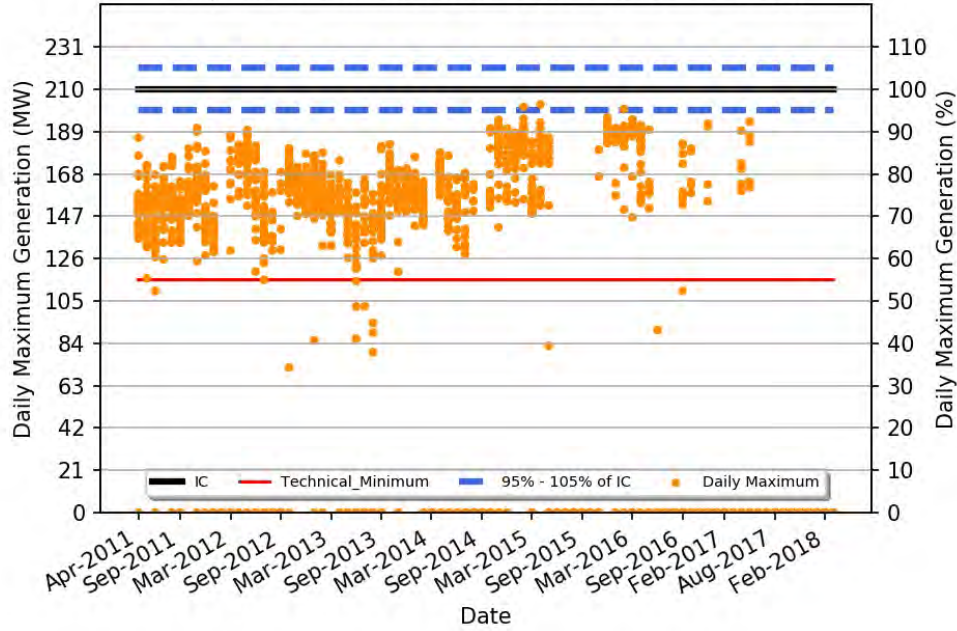
Daily Flexibility(%) : SATPURA TPS UNIT - 8 210 MW



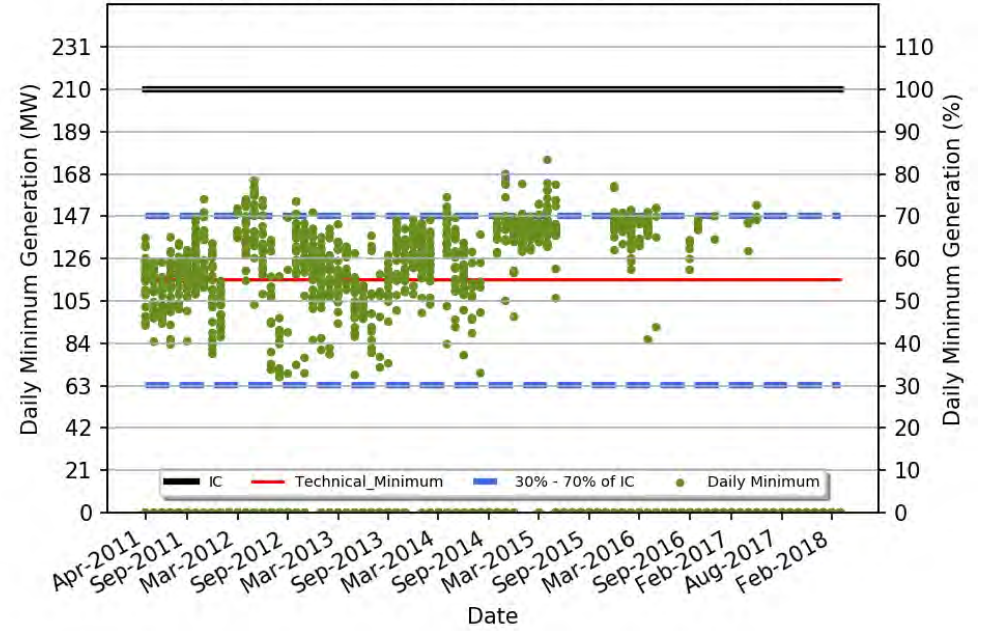
SATPURA TPS UNIT - 8 210 MW	
Region	: Western Region
Number of Days Considered	: 1625
No. Of Days Max Generation Achieved	: 0 (%)
(% of total days in operation)	
No. Of Days Min Generation Achieved	: 52 (%)
(% of total days in operation)	
Average Flexibility	: 21 (%)
Average Daily Max (MW)	: 175
Daily Average (MW)	: 157
Average Daily Min (MW)	: 130
Average Daily Max/ IC (%)	: 83
Daily Average/IC (%)	: 74
Average Daily Min/IC (%)	: 62
Variable Charge (Paisa/kWh)	: 253



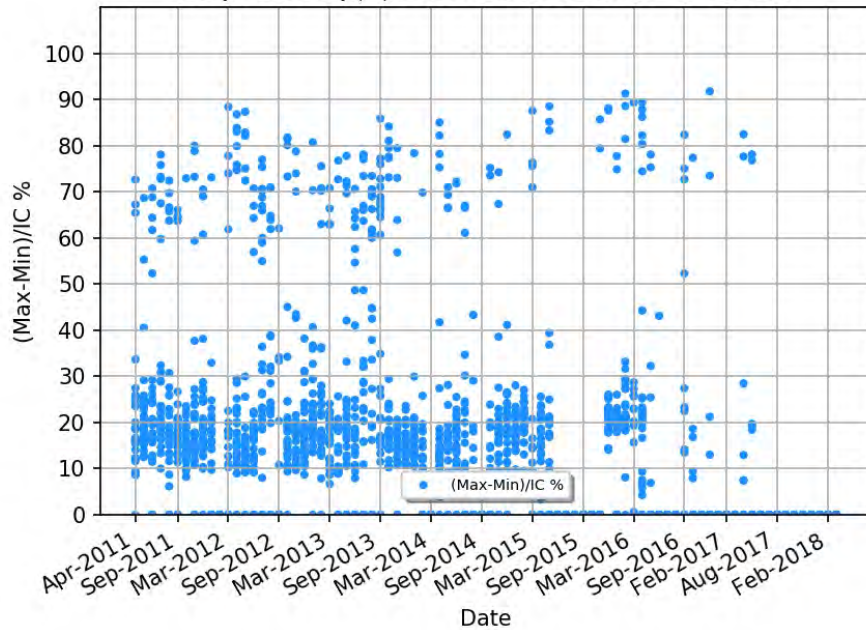
Daily Max Generation : SATPURA TPS UNIT - 9 210 MW



Daily Min Generation : SATPURA TPS UNIT - 9 210 MW



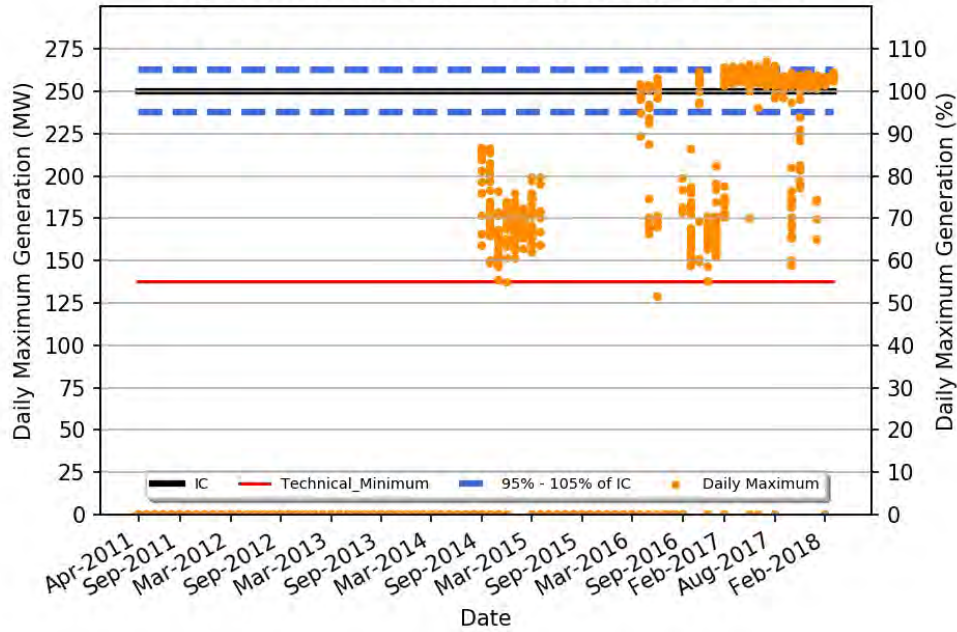
Daily Flexibility(%) : SATPURA TPS UNIT - 9 210 MW



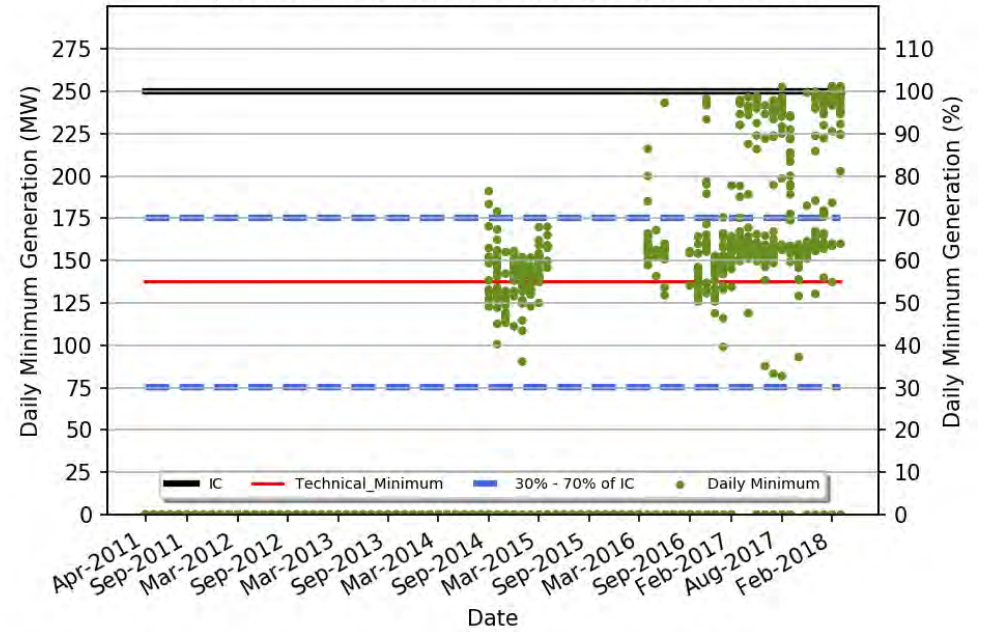
**SATPURA TPS UNIT - 9 210 MW**

<b>Region</b>	<b>: Western Region</b>
<b>Number of Days Considered</b>	<b>: 1276</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 0 (%)</b>
<i>(% of total days in operation)</i>	
<b>No. Of Days Min Generation Achieved</b>	<b>: 82 (%)</b>
<i>(% of total days in operation)</i>	
<b>Average Flexibility</b>	<b>: 23 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 162</b>
<b>Daily Average (MW)</b>	<b>: 142</b>
<b>Average Daily Min (MW)</b>	<b>: 112</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 77</b>
<b>Daily Average/IC (%)</b>	<b>: 67</b>
<b>Average Daily Min/IC (%)</b>	<b>: 53</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 253</b>

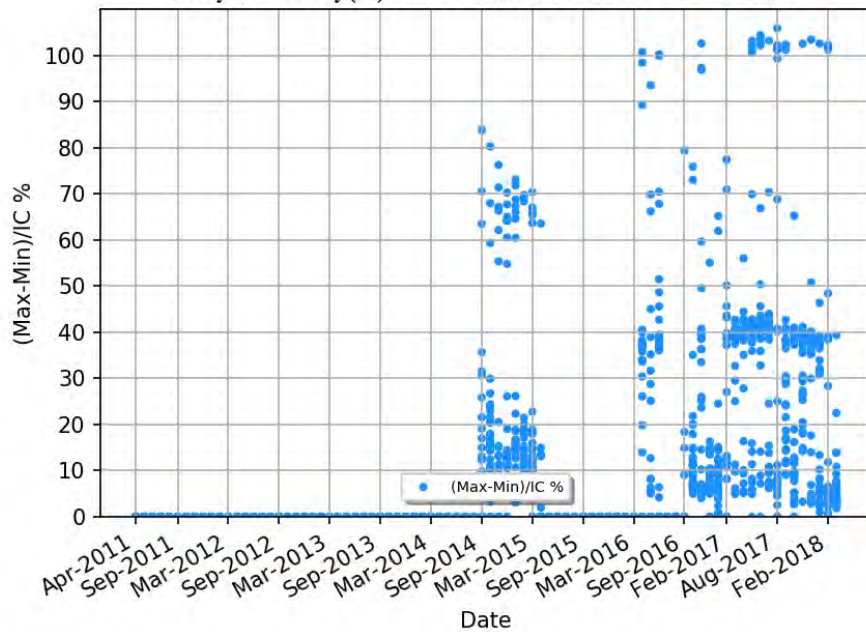
Daily Max Generation : SATPURA TPS UNIT - 10 250 MW



Daily Min Generation : SATPURA TPS UNIT - 10 250 MW



Daily Flexibility(%) : SATPURA TPS UNIT - 10 250 MW

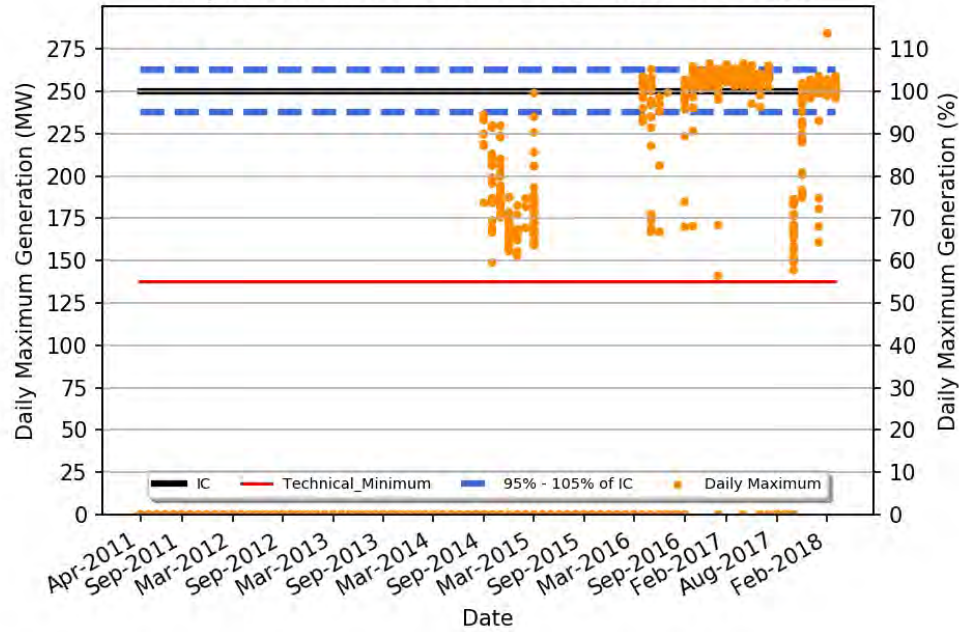


**SATPURA TPS UNIT - 10 250 MW**

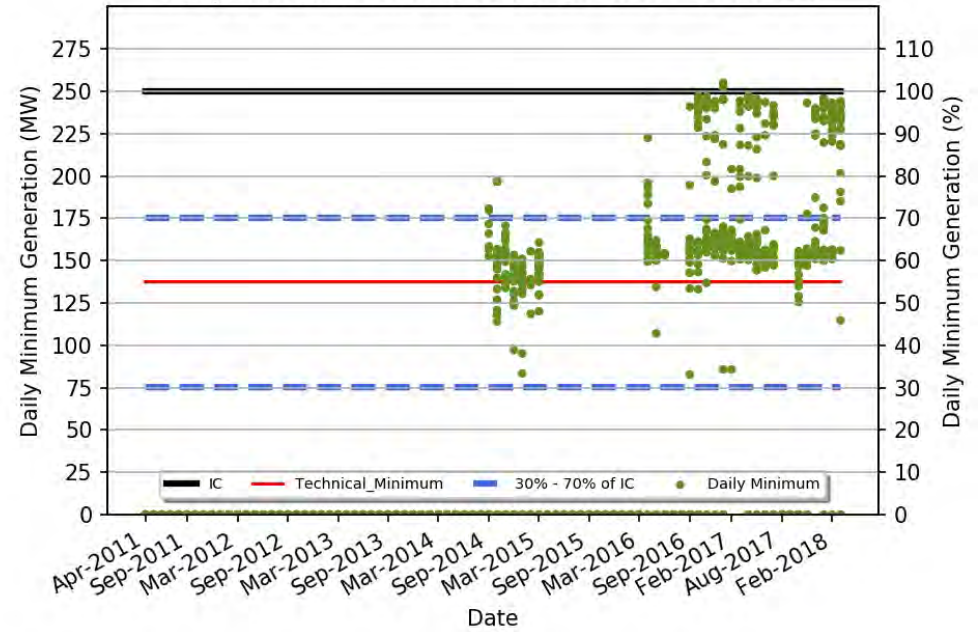
<b>Region</b>	<b>: Western Region</b>
<b>Number of Days Considered</b>	<b>: 757</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 53 (%)</b>
<i>(% of total days in operation)</i>	
<b>No. Of Days Min Generation Achieved</b>	<b>: 67 (%)</b>
<i>(% of total days in operation)</i>	
<b>Average Flexibility</b>	<b>: 27 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 220</b>
<b>Daily Average (MW)</b>	<b>: 193</b>
<b>Average Daily Min (MW)</b>	<b>: 152</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 88</b>
<b>Daily Average/IC (%)</b>	<b>: 77</b>
<b>Average Daily Min/IC (%)</b>	<b>: 61</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 209</b>



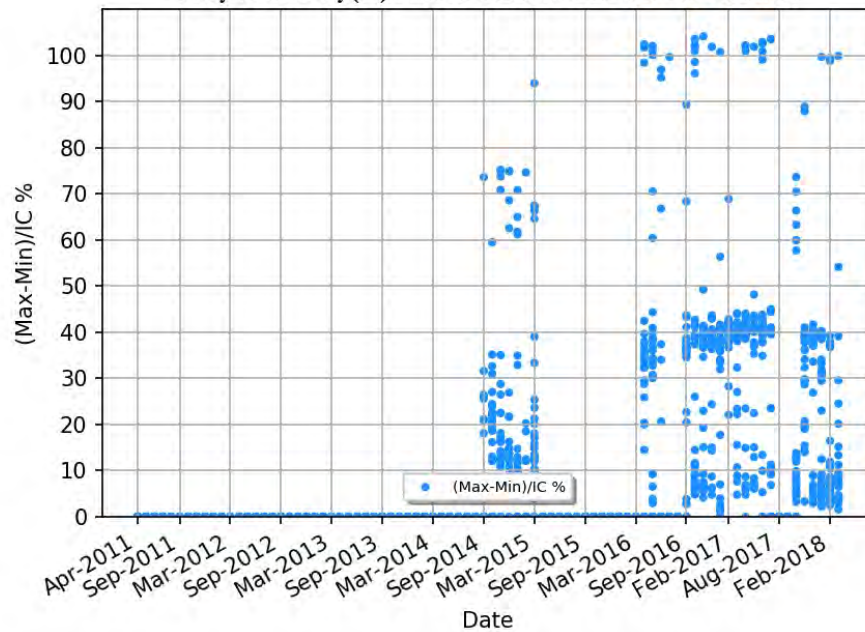
Daily Max Generation : SATPURA TPS UNIT - 11 250 MW



Daily Min Generation : SATPURA TPS UNIT - 11 250 MW



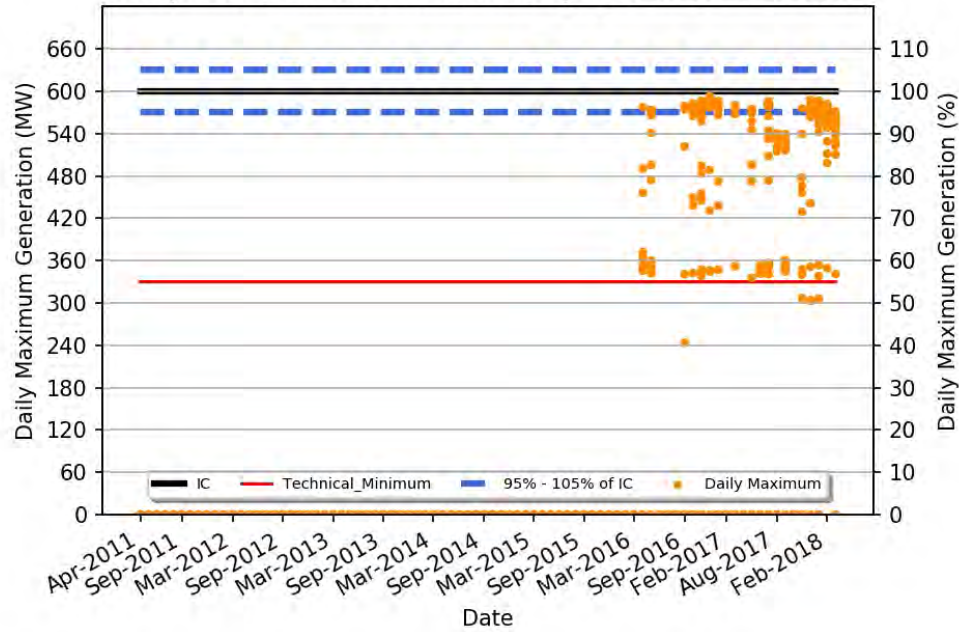
Daily Flexibility(%) : SATPURA TPS UNIT - 11 250 MW



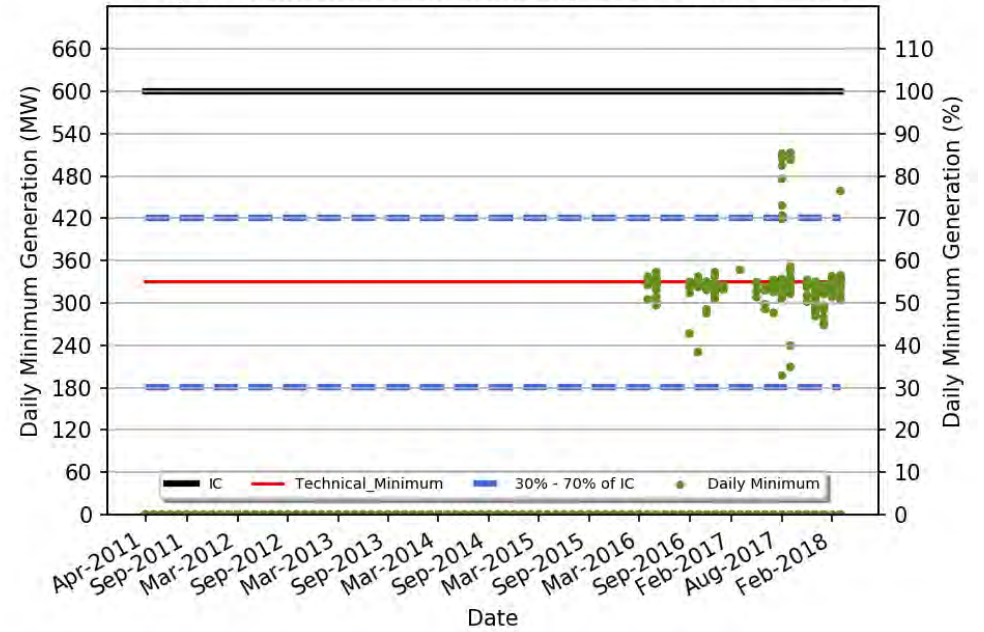
**SATPURA TPS UNIT - 11 250 MW**

<b>Region</b>	<b>: Western Region</b>
<b>Number of Days Considered</b>	<b>: 655</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 66 (%)</b>
(% of total days in operation)	
<b>No. Of Days Min Generation Achieved</b>	<b>: 65 (%)</b>
(% of total days in operation)	
<b>Average Flexibility</b>	<b>: 30 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 235</b>
<b>Daily Average (MW)</b>	<b>: 204</b>
<b>Average Daily Min (MW)</b>	<b>: 159</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 94</b>
<b>Daily Average/IC (%)</b>	<b>: 81</b>
<b>Average Daily Min/IC (%)</b>	<b>: 63</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 209</b>

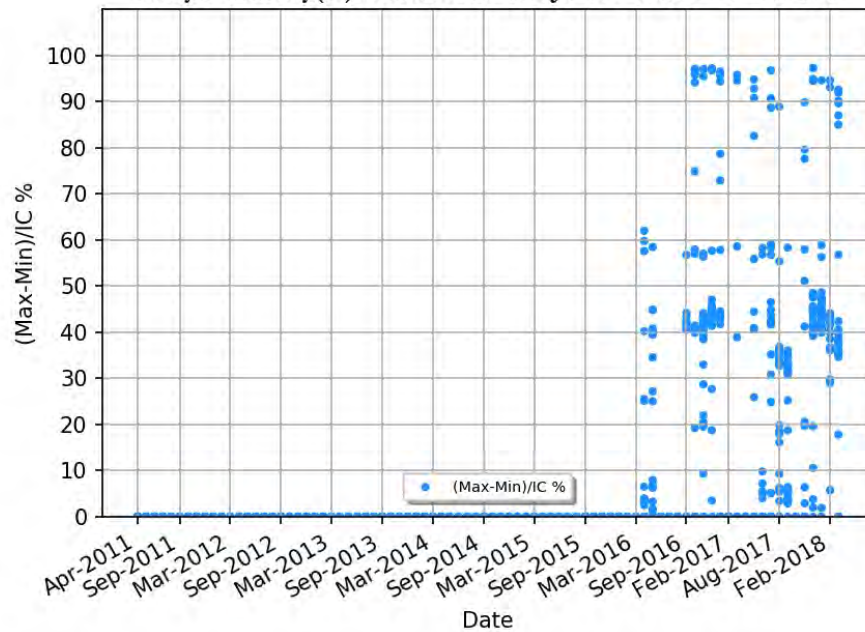
Daily Max Generation : SHREE SINGAJI TPP UNIT - 1 600 MW



Daily Min Generation : SHREE SINGAJI TPP UNIT - 1 600 MW



Daily Flexibility(%) : SHREE SINGAJI TPP UNIT - 1 600 MW

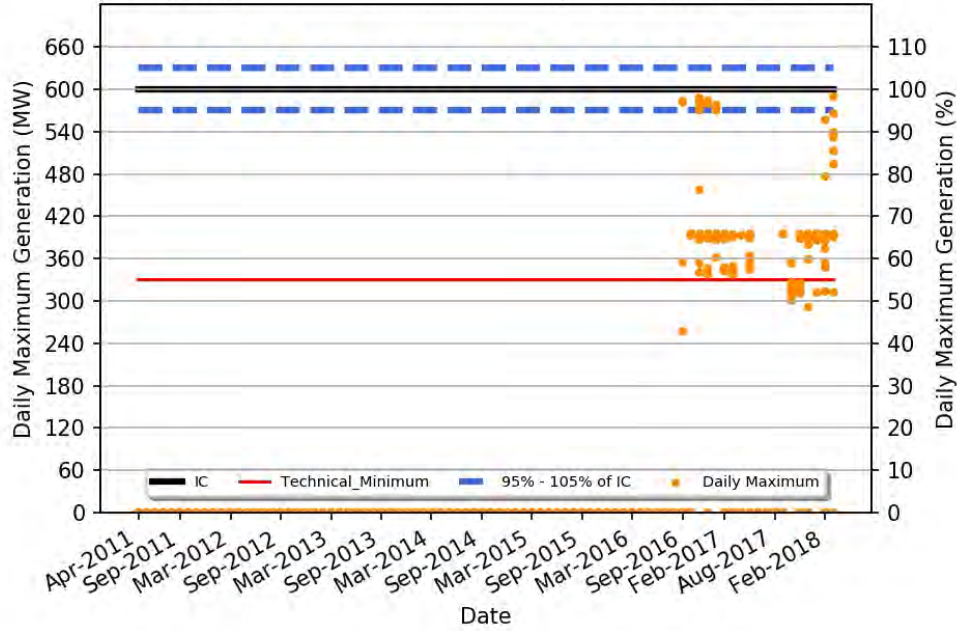


**SHREE SINGAJI TPP UNIT - 1 600 MW**

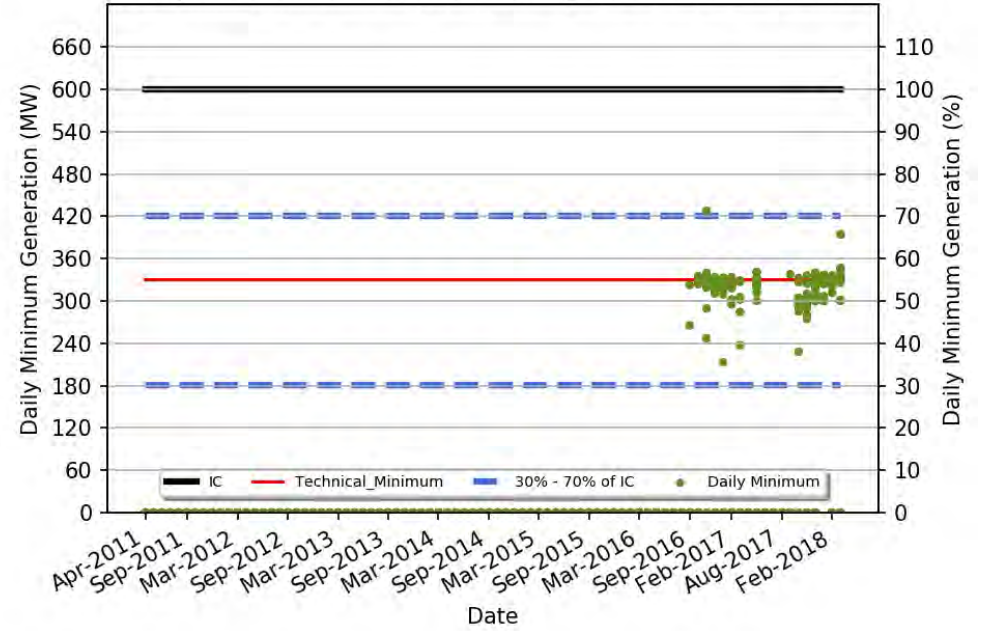
<b>Region</b>	<b>: Western Region</b>
<b>Number of Days Considered</b>	<b>: 322</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 42 (%)</b>
(% of total days in operation)	
<b>No. Of Days Min Generation Achieved</b>	<b>: 81 (%)</b>
(% of total days in operation)	
<b>Average Flexibility</b>	<b>: 40 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 523</b>
<b>Daily Average (MW)</b>	<b>: 397</b>
<b>Average Daily Min (MW)</b>	<b>: 278</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 87</b>
<b>Daily Average/IC (%)</b>	<b>: 66</b>
<b>Average Daily Min/IC (%)</b>	<b>: 46</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 274</b>



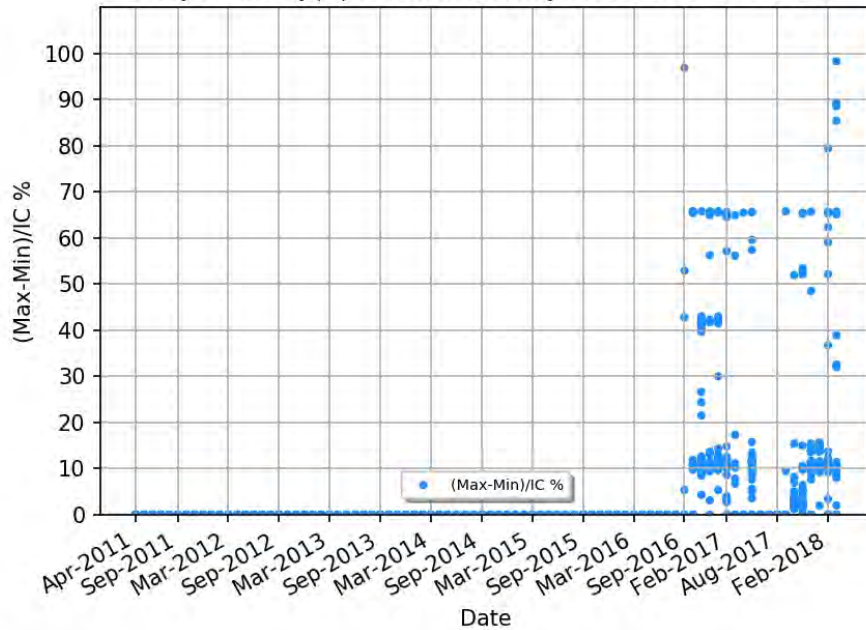
Daily Max Generation : SHREE SINGAJI TPP UNIT - 2 600 MW



Daily Min Generation : SHREE SINGAJI TPP UNIT - 2 600 MW



Daily Flexibility(%) : SHREE SINGAJI TPP UNIT - 2 600 MW



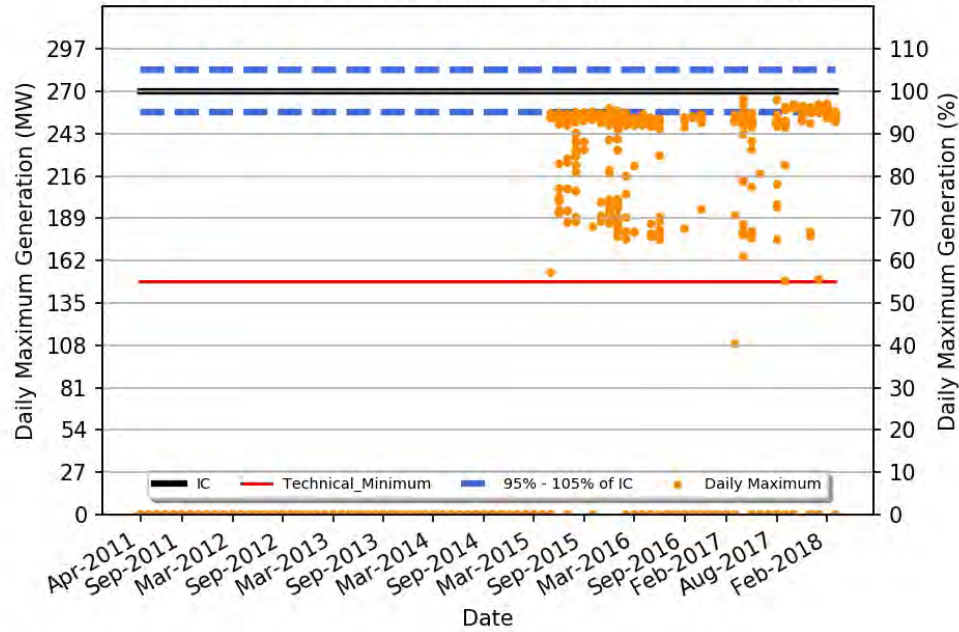
**SHREE SINGAJI TPP UNIT - 2 600 MW**

Region	: Western Region
Number of Days Considered	: 300
No. Of Days Max Generation Achieved	: 6 (%)
(% of total days in operation)	
No. Of Days Min Generation Achieved	: 87 (%)
(% of total days in operation)	
Average Flexibility	: 18 (%)
Average Daily Max (MW)	: 390
Daily Average (MW)	: 343
Average Daily Min (MW)	: 279
Average Daily Max/ IC (%)	: 65
Daily Average/IC (%)	: 57
Average Daily Min/IC (%)	: 46
Variable Charge (Paisa/kWh)	: 274

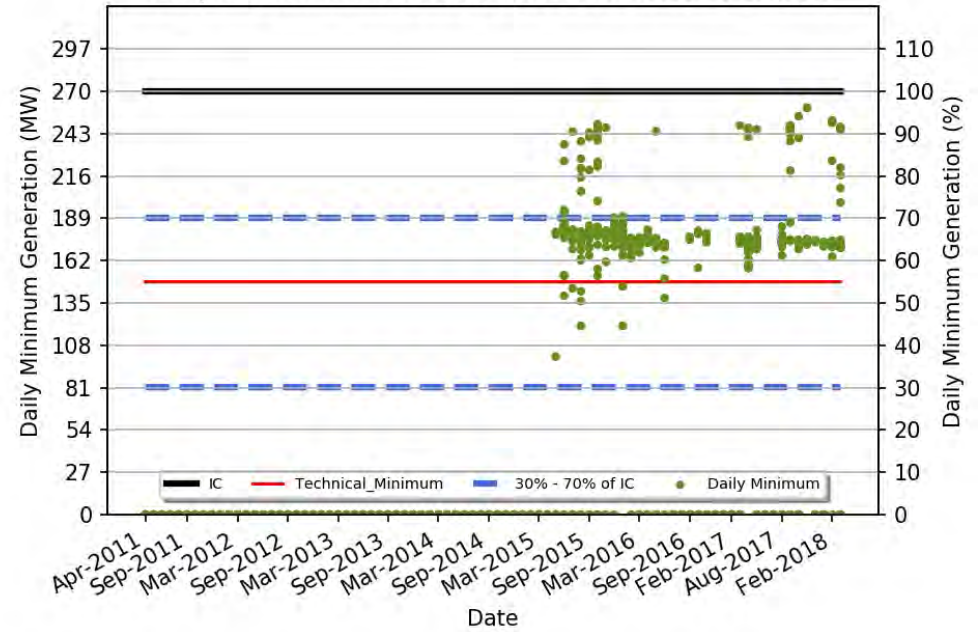
# MAHARASHTRA



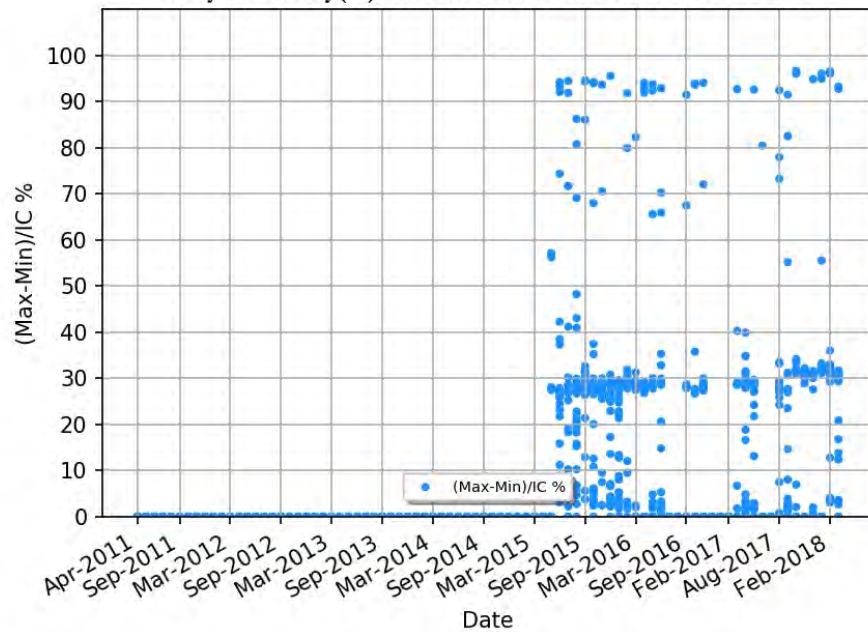
Daily Max Generation : AMARAVATI TPS UNIT - 1 270 MW



Daily Min Generation : AMARAVATI TPS UNIT - 1 270 MW



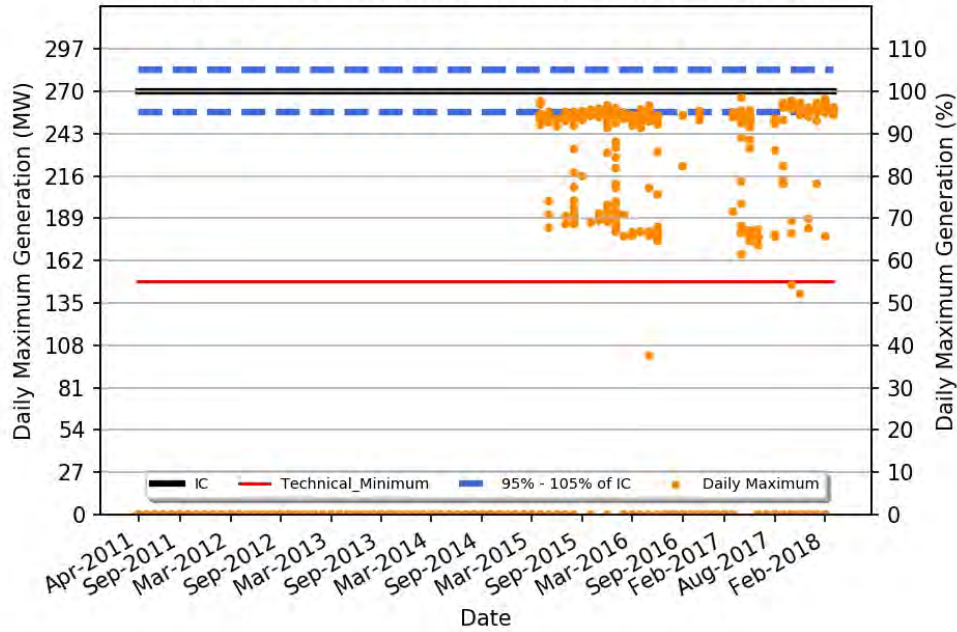
Daily Flexibility(%) : AMARAVATI TPS UNIT - 1 270 MW



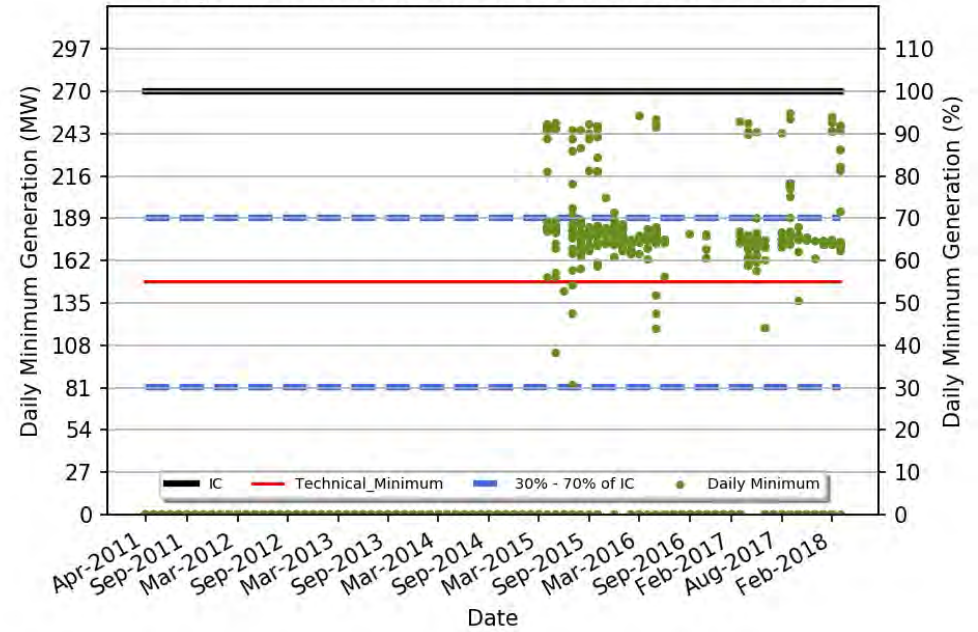
### AMARAVATI TPS UNIT - 1 270 MW

Region	: Western Region
Number of Days Considered	: 578
No. Of Days Max Generation Achieved	: 19 (%)
(% of total days in operation)	
No. Of Days Min Generation Achieved	: 79 (%)
(% of total days in operation)	
Average Flexibility	: 27 (%)
Average Daily Max (MW)	: 241
Daily Average (MW)	: 207
Average Daily Min (MW)	: 168
Average Daily Max/ IC (%)	: 89
Daily Average/IC (%)	: 76
Average Daily Min/IC (%)	: 62
Variable Charge (Paisa/kWh)	: 303

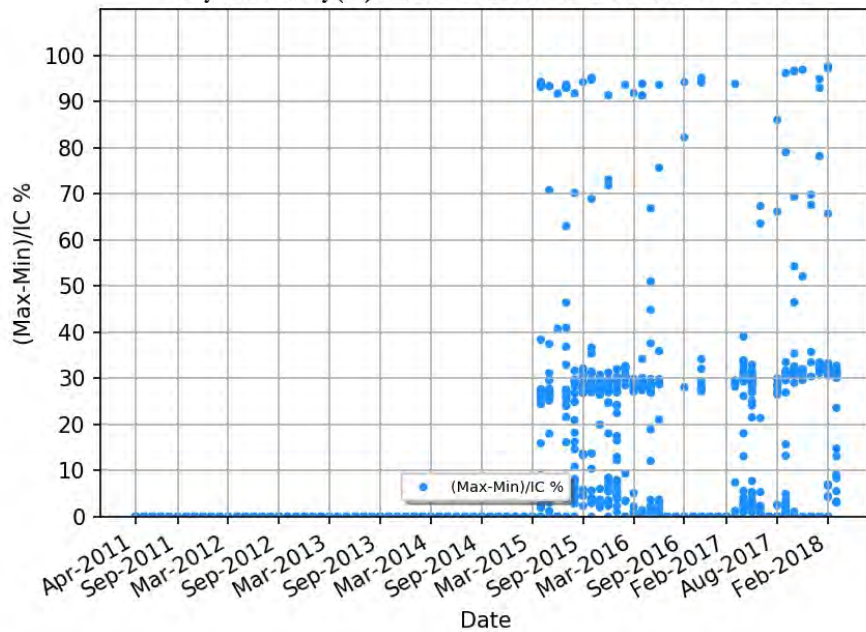
Daily Max Generation : AMARAVATI TPS UNIT - 2 270 MW



Daily Min Generation : AMARAVATI TPS UNIT - 2 270 MW



Daily Flexibility(%) : AMARAVATI TPS UNIT - 2 270 MW

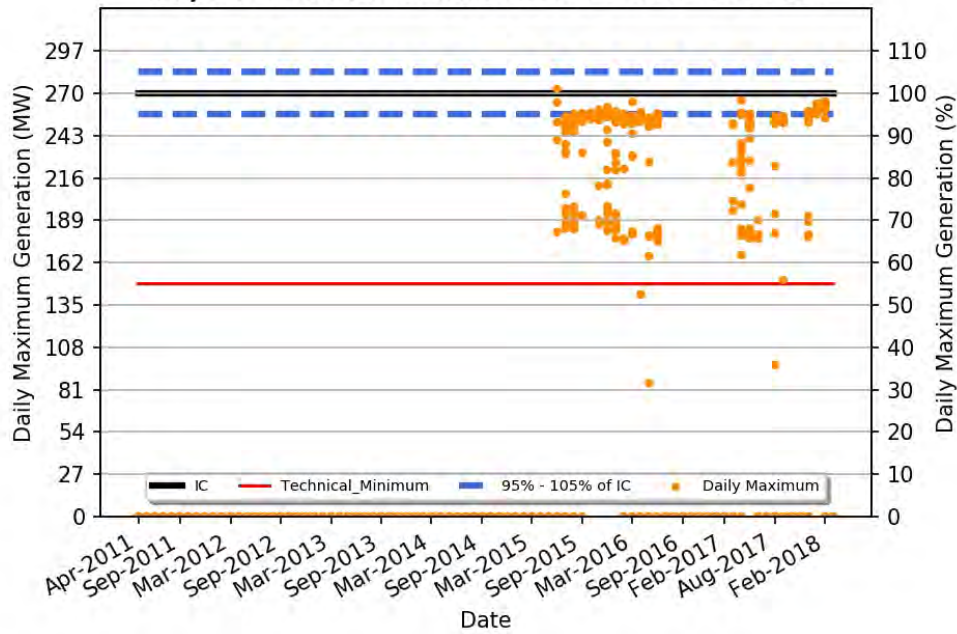


### AMARAVATI TPS UNIT - 2 270 MW

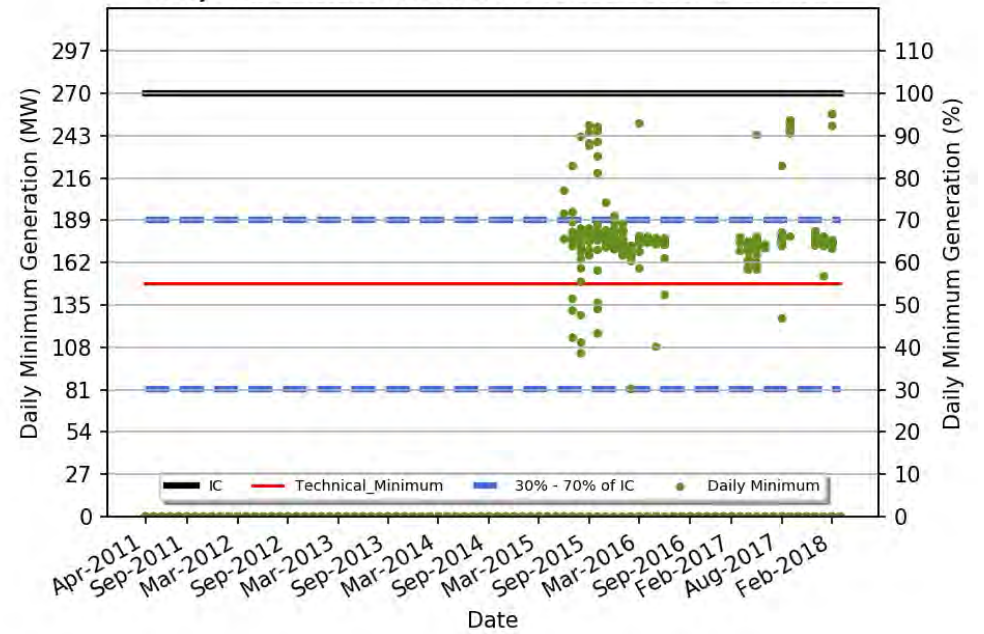
Region	: Western Region
Number of Days Considered	: 579
No. Of Days Max Generation Achieved	: 27 (%)
(% of total days in operation)	
No. Of Days Min Generation Achieved	: 79 (%)
(% of total days in operation)	
Average Flexibility	: 26 (%)
Average Daily Max (MW)	: 241
Daily Average (MW)	: 208
Average Daily Min (MW)	: 170
Average Daily Max/ IC (%)	: 89
Daily Average/IC (%)	: 77
Average Daily Min/IC (%)	: 63
Variable Charge (Paisa/kWh)	: 303



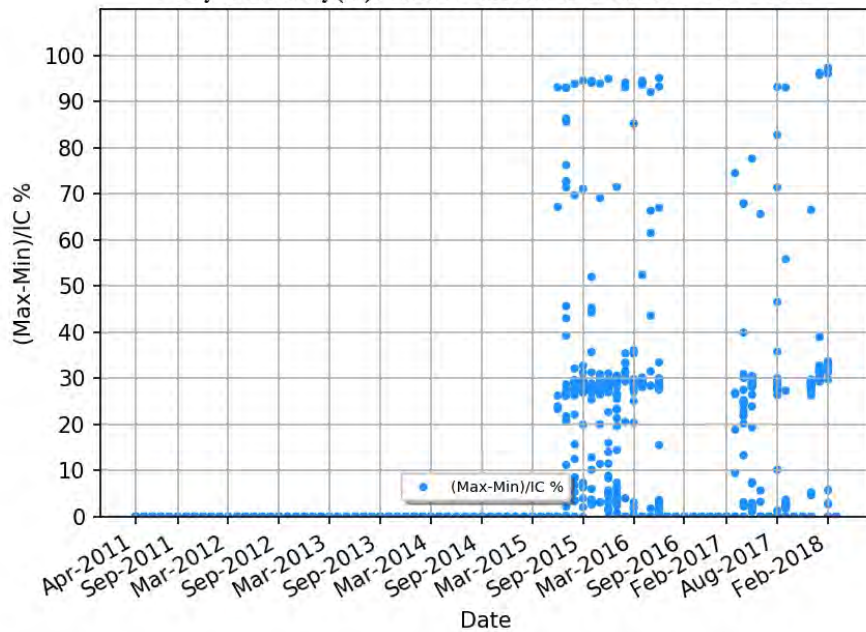
Daily Max Generation : AMARAVATI TPS UNIT - 3 270 MW



Daily Min Generation : AMARAVATI TPS UNIT - 3 270 MW



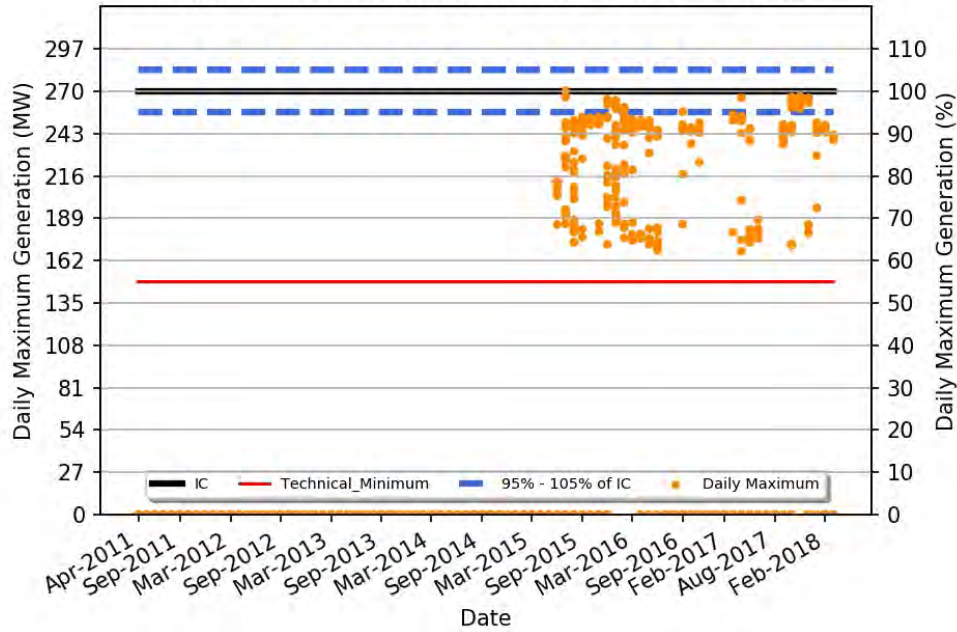
Daily Flexibility(%) : AMARAVATI TPS UNIT - 3 270 MW



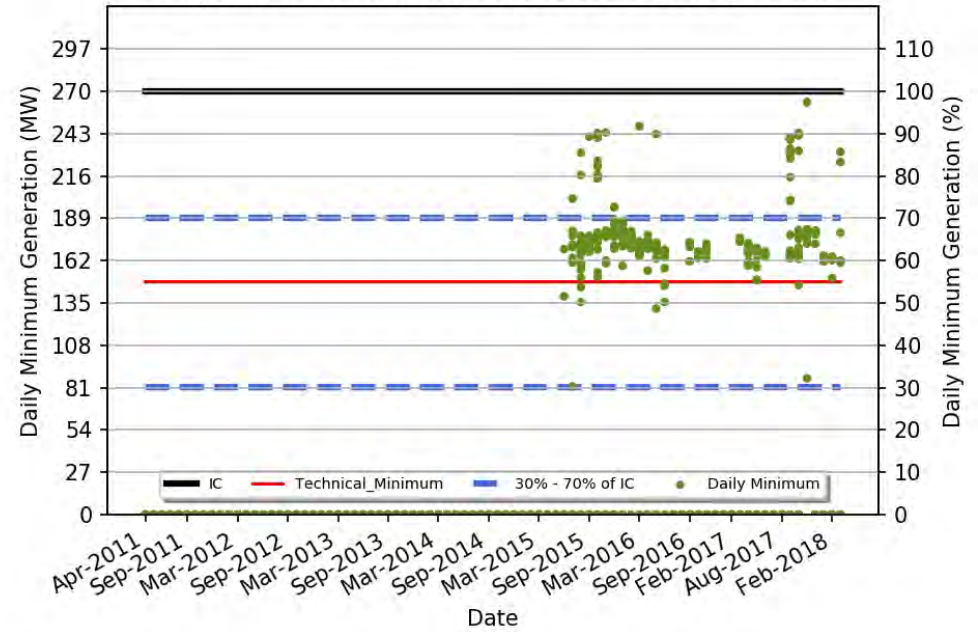
### AMARAVATI TPS UNIT - 3 270 MW

Region	: Western Region
Number of Days Considered	: 444
No. Of Days Max Generation Achieved	: 20 (%)
(% of total days in operation)	
No. Of Days Min Generation Achieved	: 81 (%)
(% of total days in operation)	
Average Flexibility	: 27 (%)
Average Daily Max (MW)	: 237
Daily Average (MW)	: 202
Average Daily Min (MW)	: 164
Average Daily Max/ IC (%)	: 88
Daily Average/IC (%)	: 75
Average Daily Min/IC (%)	: 60
Variable Charge (Paisa/kWh)	: 303

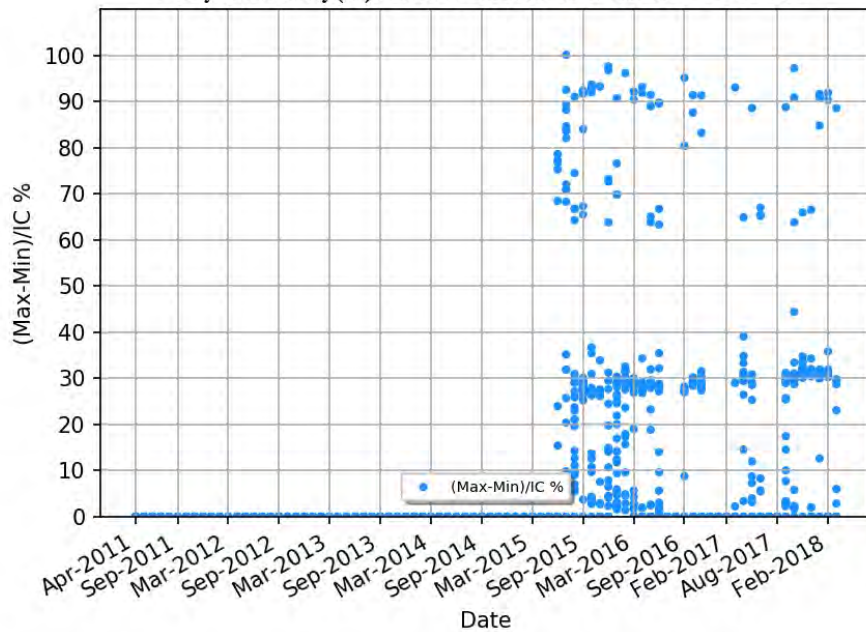
Daily Max Generation : AMARAVATI TPS UNIT - 4 270 MW



Daily Min Generation : AMARAVATI TPS UNIT - 4 270 MW



Daily Flexibility(%) : AMARAVATI TPS UNIT - 4 270 MW

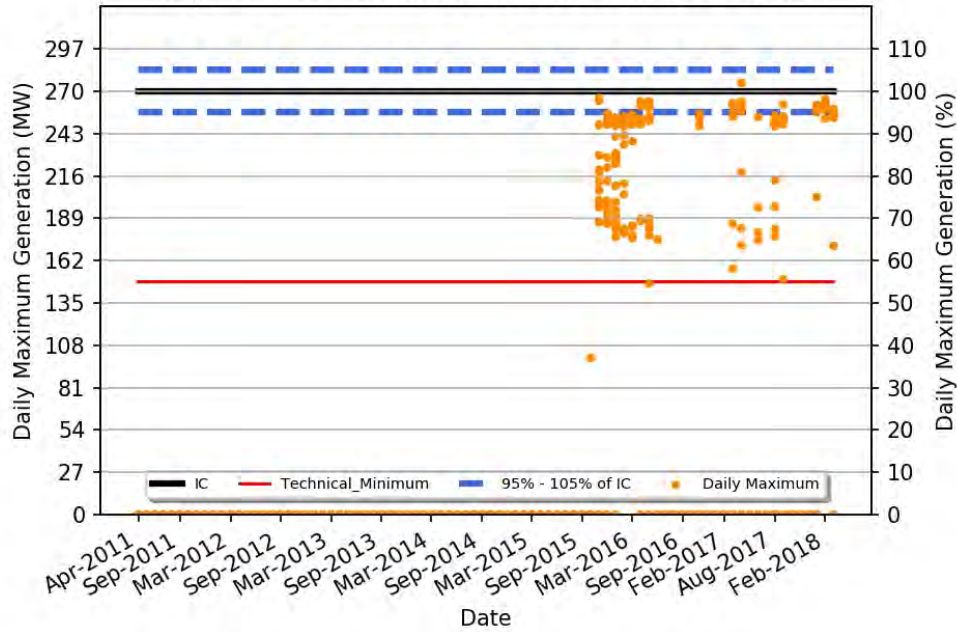


### AMARAVATI TPS UNIT - 4 270 MW

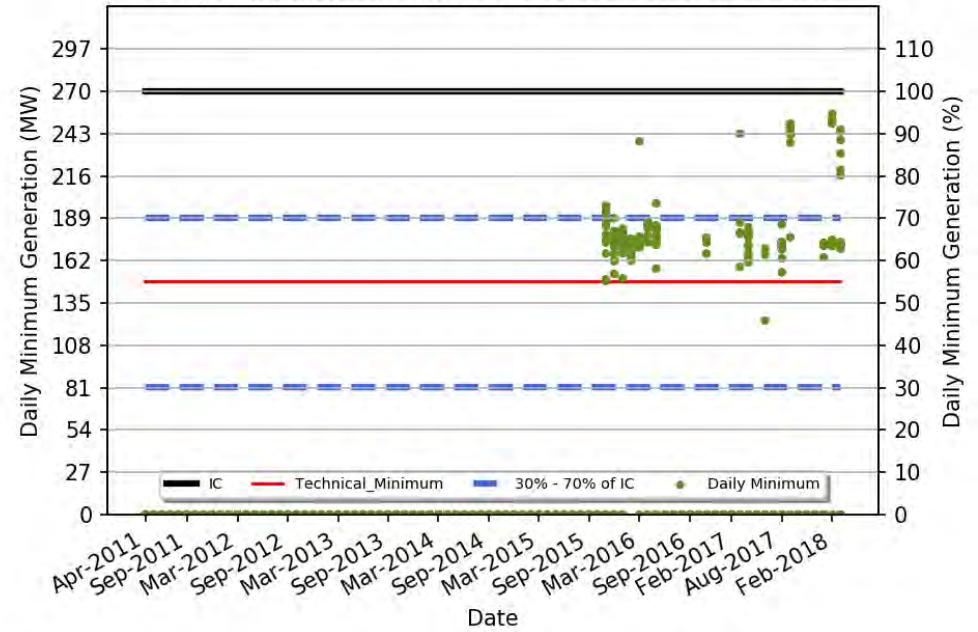
Region	: Western Region
Number of Days Considered	: 478
No. Of Days Max Generation Achieved	: 15 (%)
(% of total days in operation)	
No. Of Days Min Generation Achieved	: 78 (%)
(% of total days in operation)	
Average Flexibility	: 29 (%)
Average Daily Max (MW)	: 235
Daily Average (MW)	: 197
Average Daily Min (MW)	: 154
Average Daily Max/ IC (%)	: 87
Daily Average/IC (%)	: 73
Average Daily Min/IC (%)	: 57
Variable Charge (Paisa/kWh)	: 303



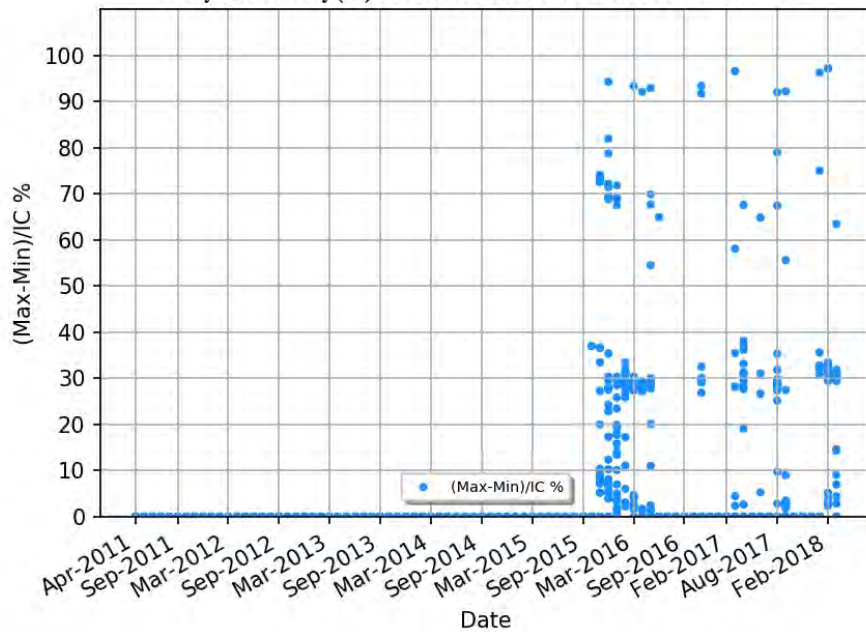
Daily Max Generation : AMARAVATI TPS UNIT - 5 270 MW



Daily Min Generation : AMARAVATI TPS UNIT - 5 270 MW



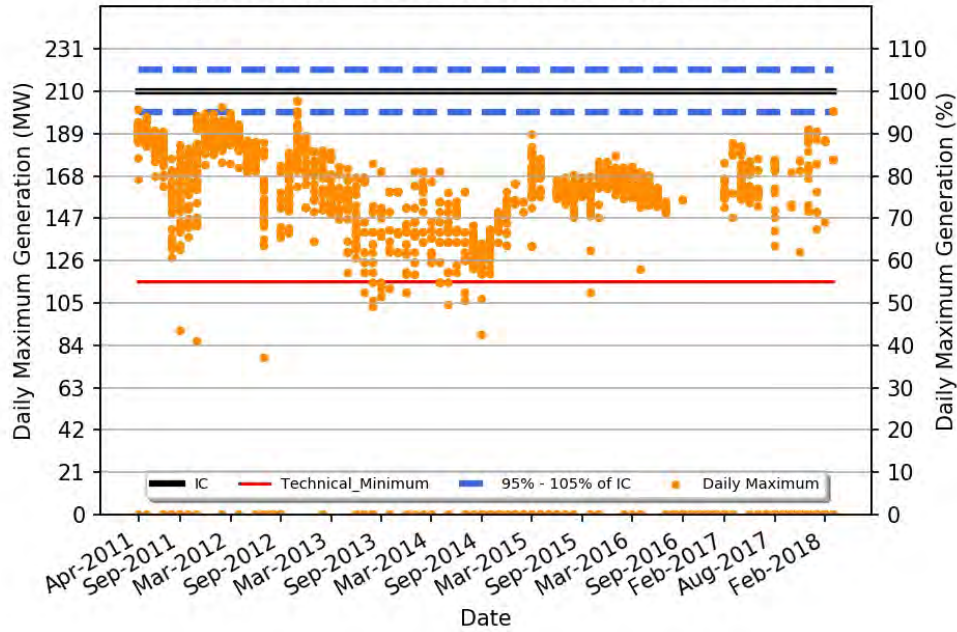
Daily Flexibility(%) : AMARAVATI TPS UNIT - 5 270 MW



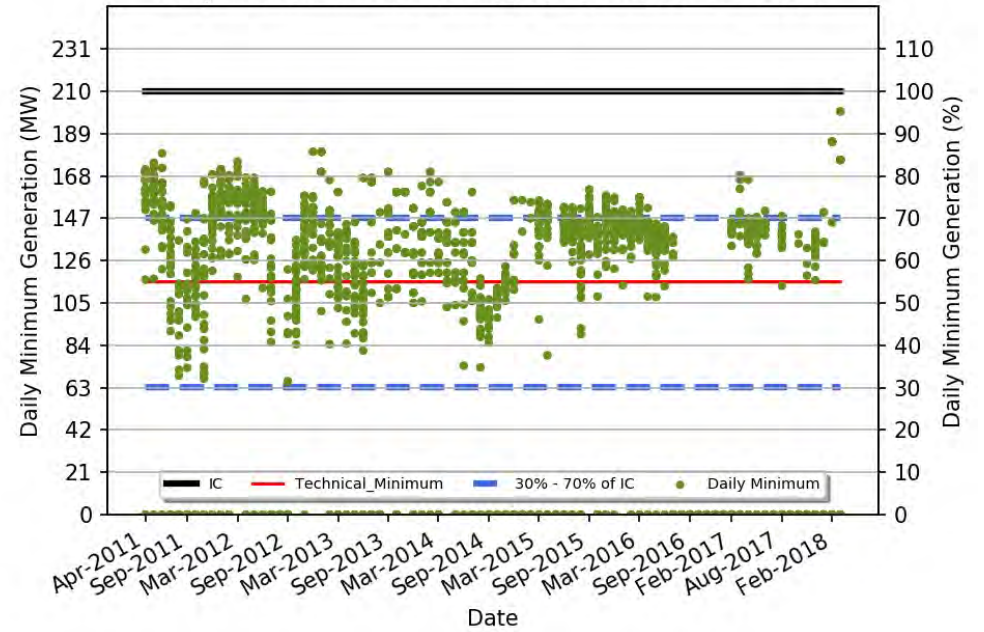
### AMARAVATI TPS UNIT - 5 270 MW

Region	: Western Region
Number of Days Considered	: 292
No. Of Days Max Generation Achieved	: 25 (%)
(% of total days in operation)	
No. Of Days Min Generation Achieved	: 79 (%)
(% of total days in operation)	
Average Flexibility	: 27 (%)
Average Daily Max (MW)	: 238
Daily Average (MW)	: 202
Average Daily Min (MW)	: 165
Average Daily Max/ IC (%)	: 88
Daily Average/IC (%)	: 74
Average Daily Min/IC (%)	: 61
Variable Charge (Paisa/kWh)	: 303

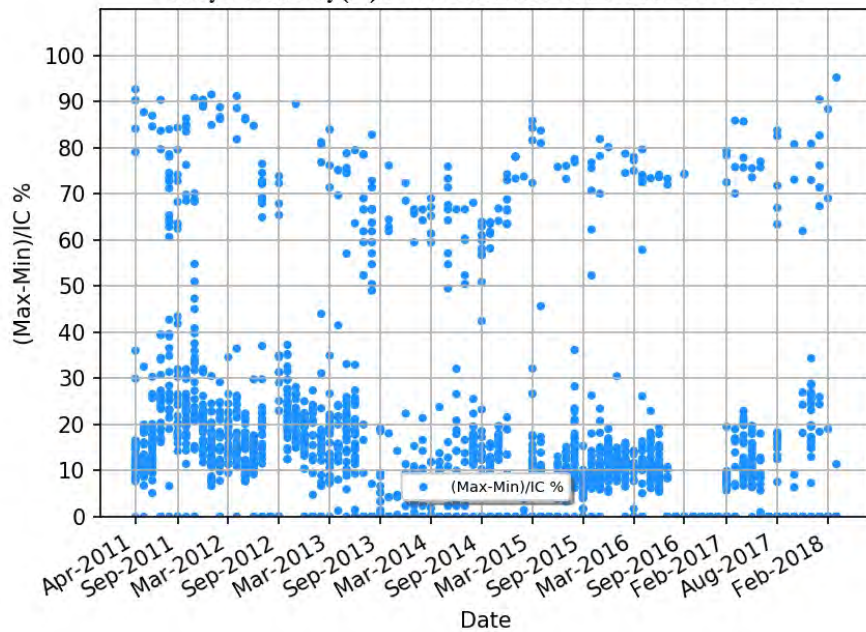
Daily Max Generation : BHUSAWAL TPS UNIT - 3 210 MW



Daily Min Generation : BHUSAWAL TPS UNIT - 3 210 MW



Daily Flexibility(%) : BHUSAWAL TPS UNIT - 3 210 MW

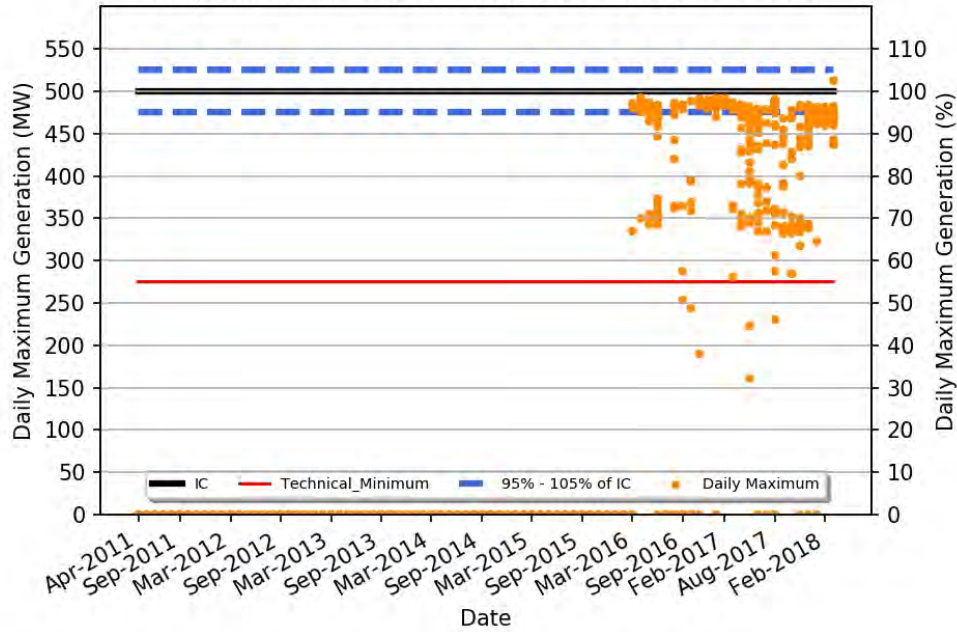


**BHUSAWAL TPS UNIT - 3 210 MW**

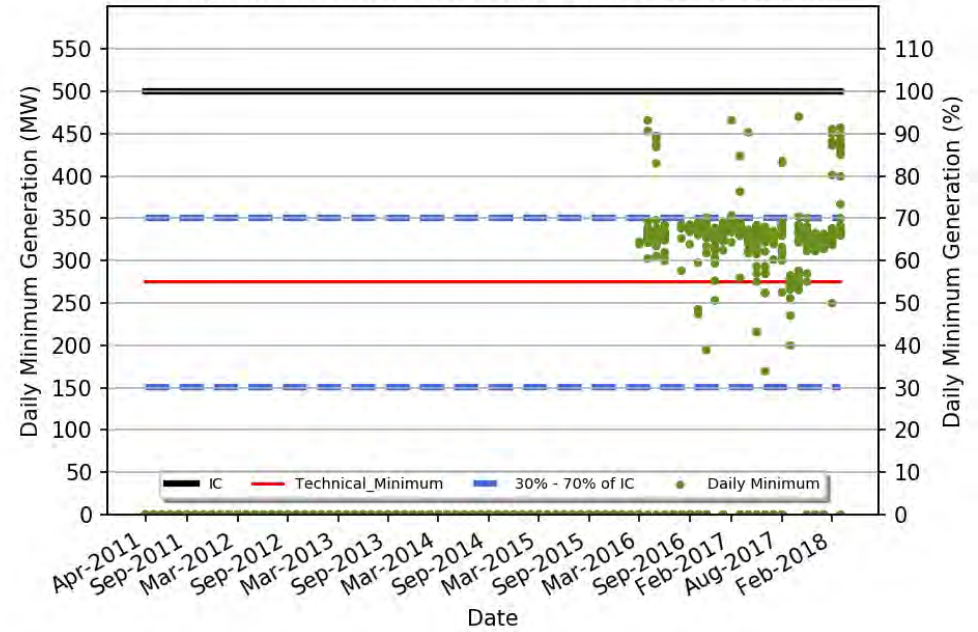
<b>Region</b>	<b>: Western Region</b>
<b>Number of Days Considered</b>	<b>: 1735</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 0 (%)</b>
<i>(% of total days in operation)</i>	
<b>No. Of Days Min Generation Achieved</b>	<b>: 63 (%)</b>
<i>(% of total days in operation)</i>	
<b>Average Flexibility</b>	<b>: 18 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 162</b>
<b>Daily Average (MW)</b>	<b>: 148</b>
<b>Average Daily Min (MW)</b>	<b>: 123</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 77</b>
<b>Daily Average/IC (%)</b>	<b>: 70</b>
<b>Average Daily Min/IC (%)</b>	<b>: 58</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 307</b>



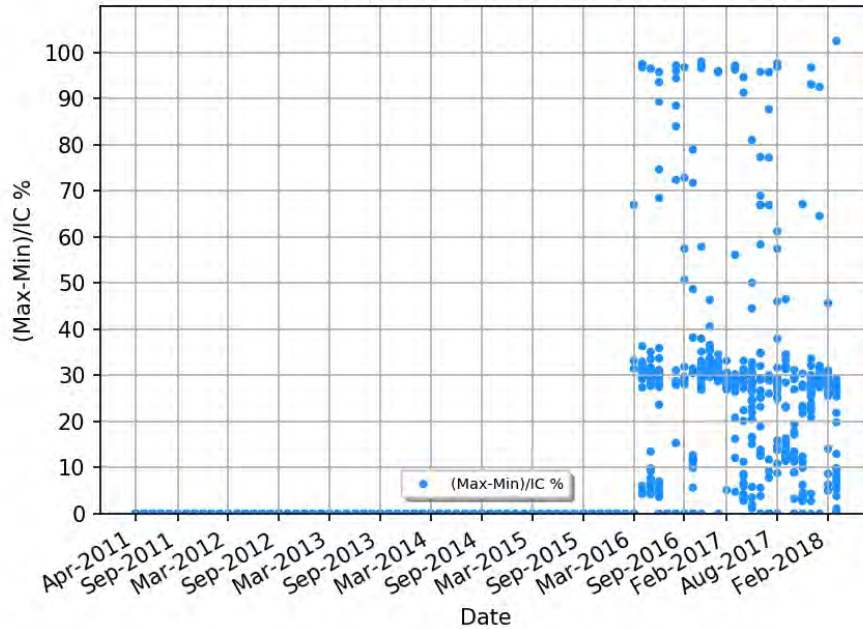
Daily Max Generation : BHUSAWAL TPS UNIT - 4 500 MW



Daily Min Generation : BHUSAWAL TPS UNIT - 4 500 MW



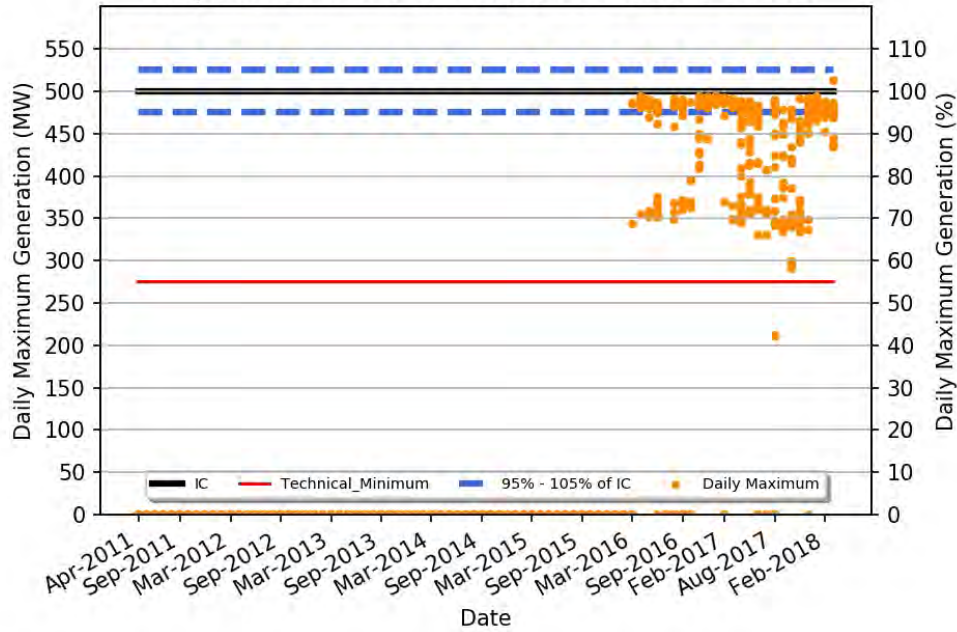
Daily Flexibility(%) : BHUSAWAL TPS UNIT - 4 500 MW



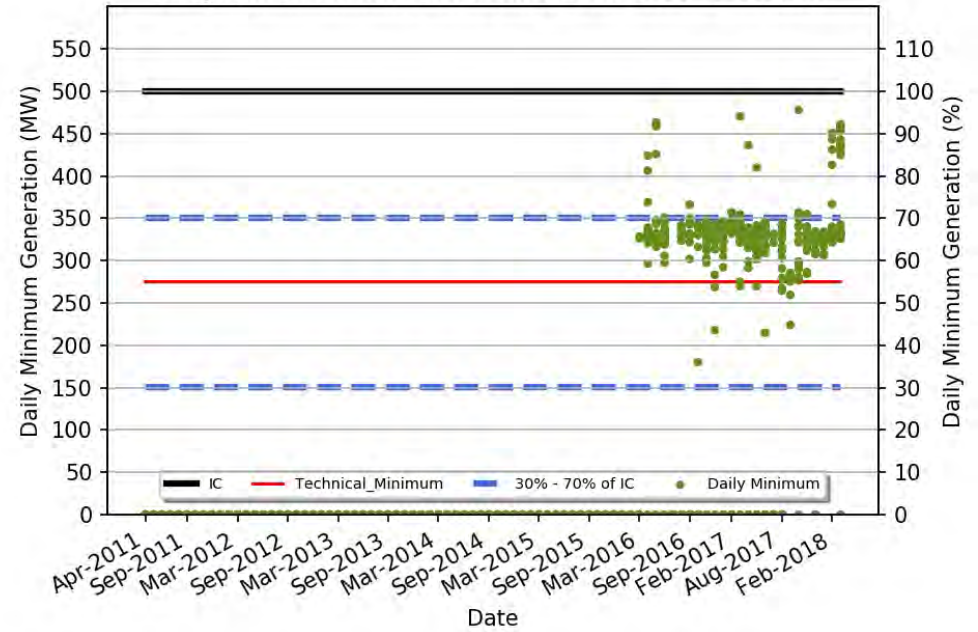
**BHUSAWAL TPS UNIT - 4 500 MW**

<b>Region</b>	<b>: Western Region</b>
<b>Number of Days Considered</b>	<b>: 585</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 51 (%)</b>
(% of total days in operation)	
<b>No. Of Days Min Generation Achieved</b>	<b>: 85 (%)</b>
(% of total days in operation)	
<b>Average Flexibility</b>	<b>: 27 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 446</b>
<b>Daily Average (MW)</b>	<b>: 385</b>
<b>Average Daily Min (MW)</b>	<b>: 309</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 89</b>
<b>Daily Average/IC (%)</b>	<b>: 77</b>
<b>Average Daily Min/IC (%)</b>	<b>: 61</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 274</b>

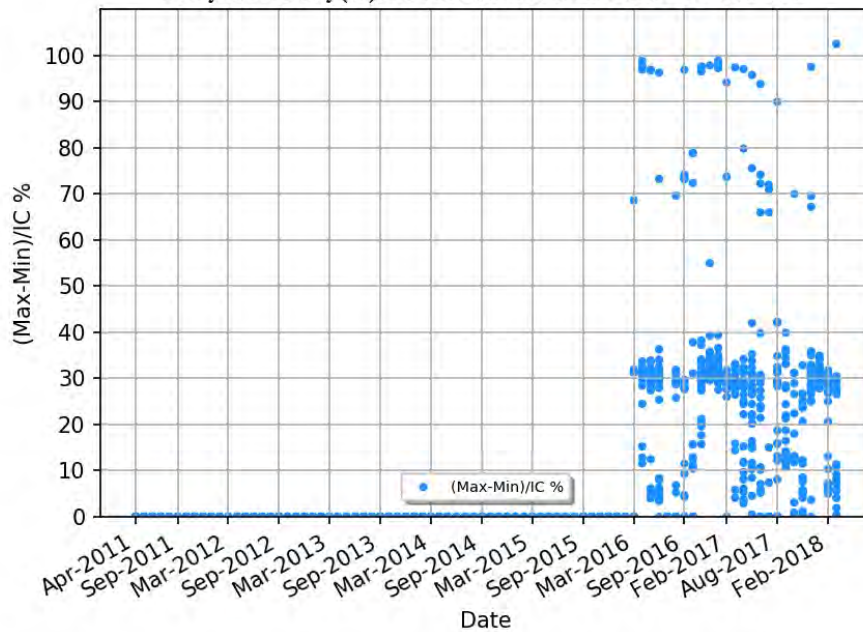
Daily Max Generation : BHUSAWAL TPS UNIT - 5 500 MW



Daily Min Generation : BHUSAWAL TPS UNIT - 5 500 MW



Daily Flexibility(%) : BHUSAWAL TPS UNIT - 5 500 MW

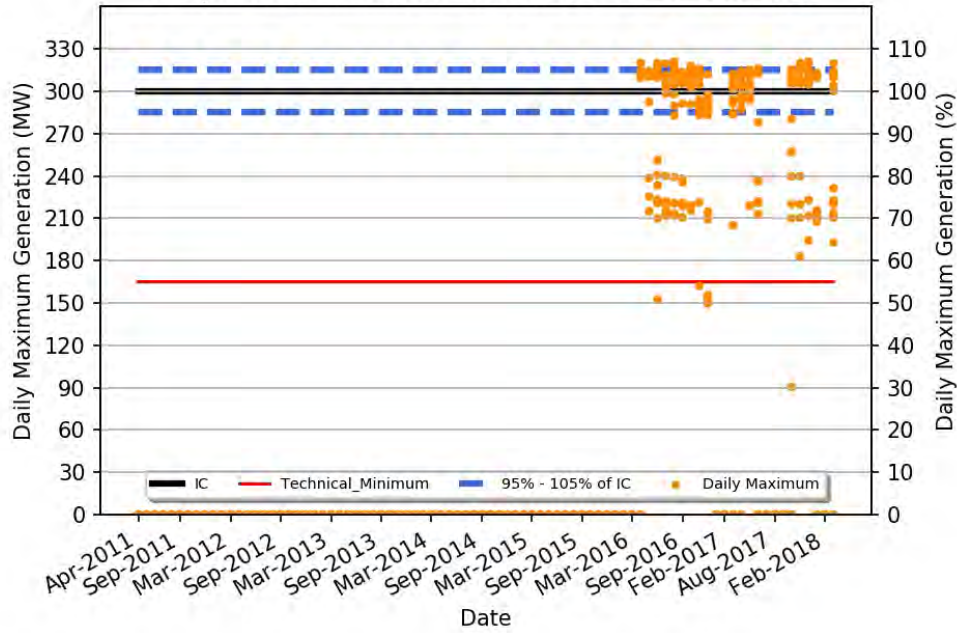


**BHUSAWAL TPS UNIT - 5 500 MW**

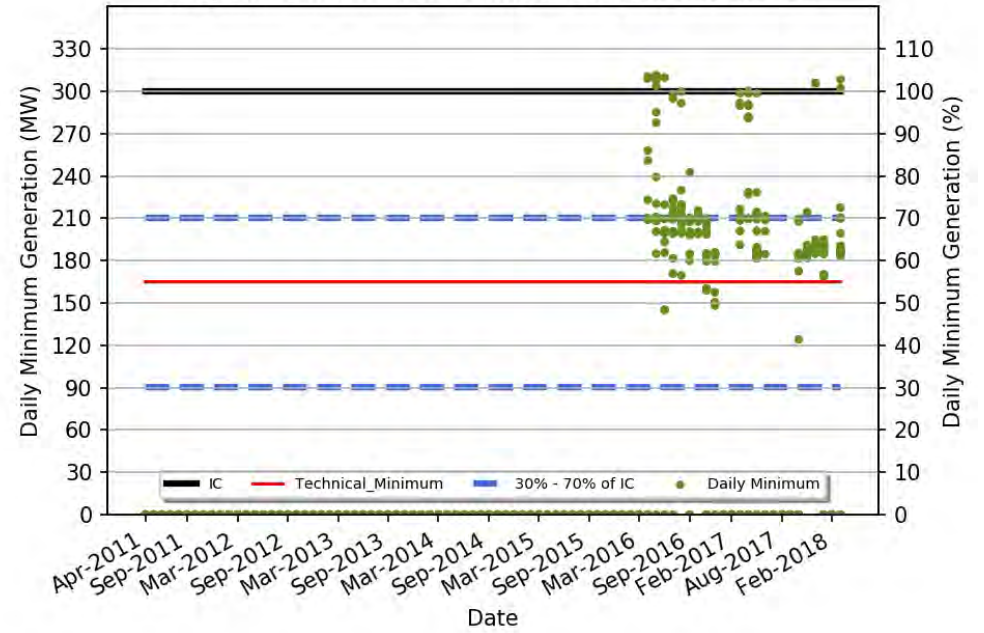
<b>Region</b>	<b>: Western Region</b>
<b>Number of Days Considered</b>	<b>: 589</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 58 (%)</b>
(% of total days in operation)	
<b>No. Of Days Min Generation Achieved</b>	<b>: 85 (%)</b>
(% of total days in operation)	
<b>Average Flexibility</b>	<b>: 27 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 448</b>
<b>Daily Average (MW)</b>	<b>: 384</b>
<b>Average Daily Min (MW)</b>	<b>: 310</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 89</b>
<b>Daily Average/IC (%)</b>	<b>: 76</b>
<b>Average Daily Min/IC (%)</b>	<b>: 62</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 274</b>



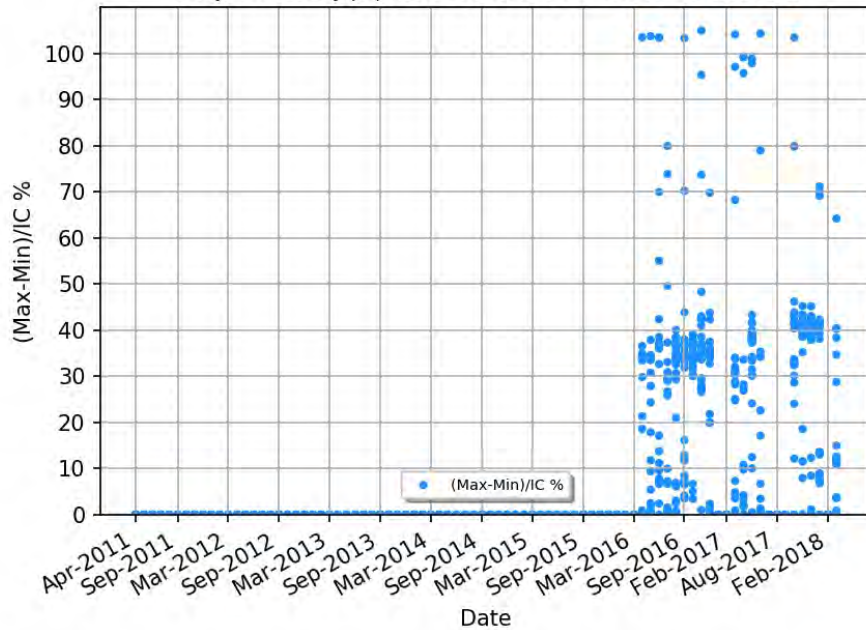
Daily Max Generation : BUTIBORI TPP UNIT - 1 300 MW



Daily Min Generation : BUTIBORI TPP UNIT - 1 300 MW



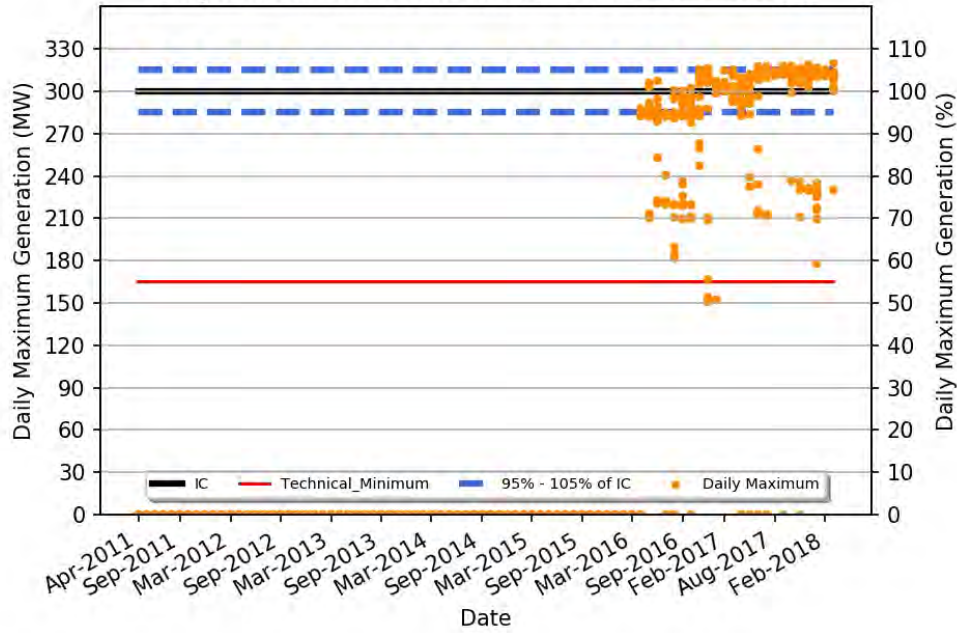
Daily Flexibility(%) : BUTIBORI TPP UNIT - 1 300 MW



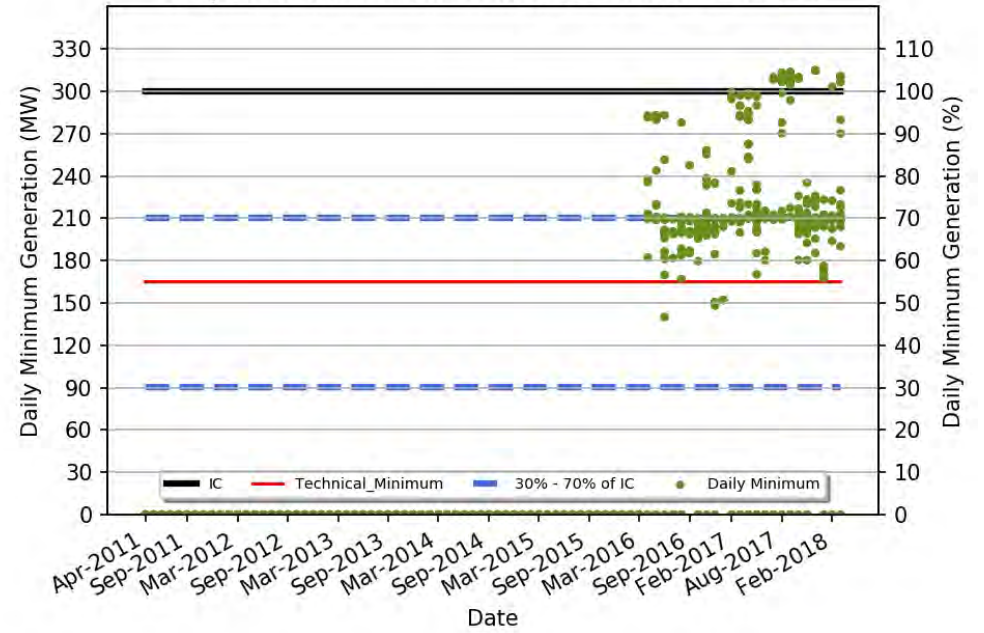
**BUTIBORI TPP UNIT - 1 300 MW**

<b>Region</b>	<b>: Western Region</b>
<b>Number of Days Considered</b>	<b>: 469</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 67 (%)</b>
(% of total days in operation)	
<b>No. Of Days Min Generation Achieved</b>	<b>: 73 (%)</b>
(% of total days in operation)	
<b>Average Flexibility</b>	<b>: 30 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 284</b>
<b>Daily Average (MW)</b>	<b>: 243</b>
<b>Average Daily Min (MW)</b>	<b>: 192</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 94</b>
<b>Daily Average/IC (%)</b>	<b>: 81</b>
<b>Average Daily Min/IC (%)</b>	<b>: 64</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 245</b>

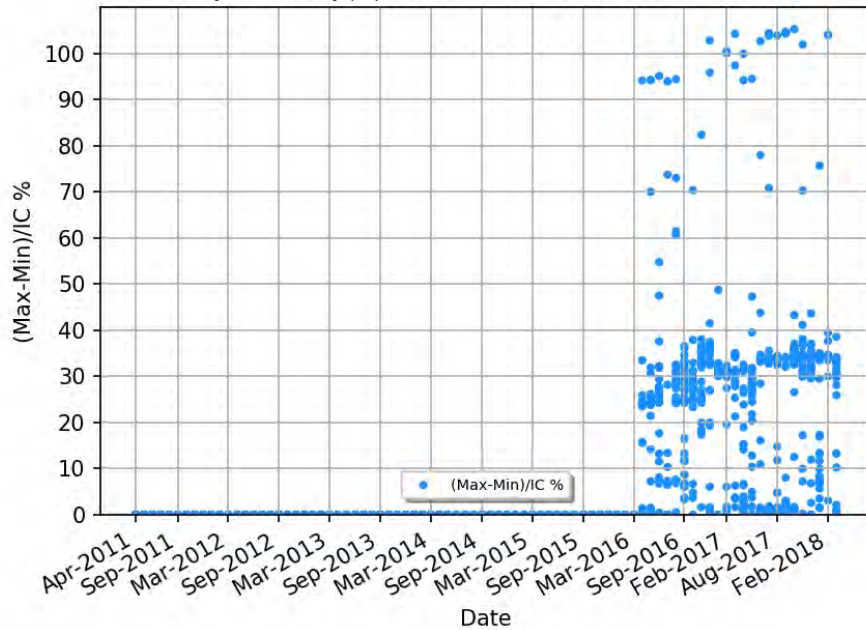
Daily Max Generation : BUTIBORI TPP UNIT - 2 300 MW



Daily Min Generation : BUTIBORI TPP UNIT - 2 300 MW



Daily Flexibility(%) : BUTIBORI TPP UNIT - 2 300 MW

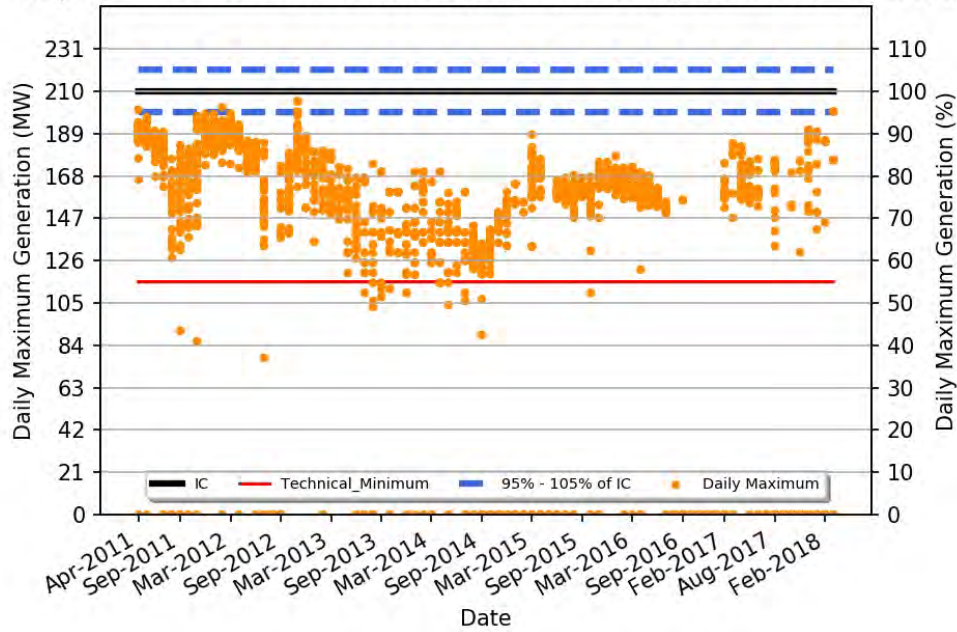


**BUTIBORI TPP UNIT - 2 300 MW**

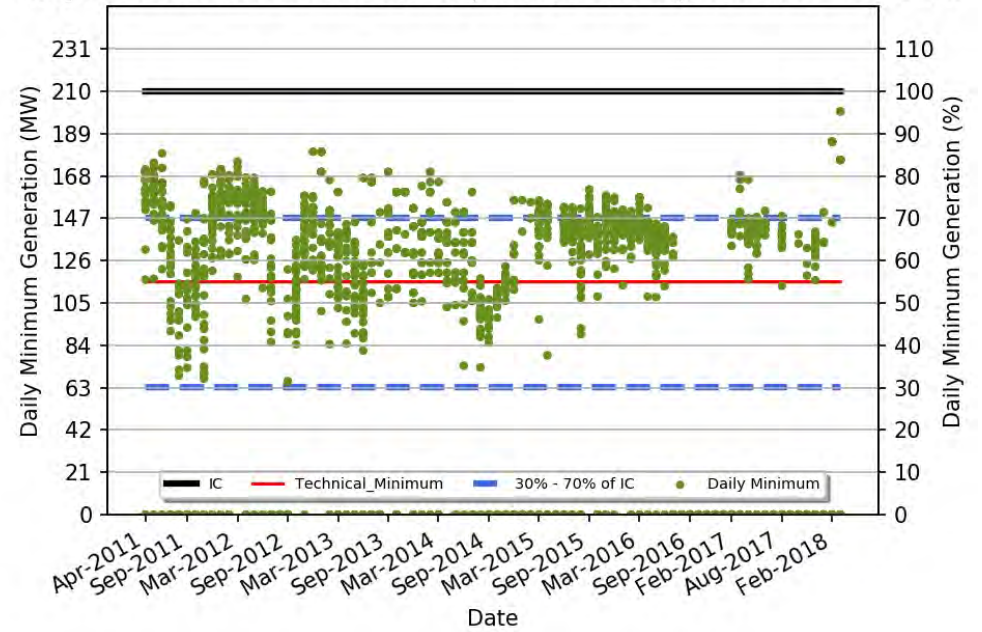
<b>Region</b>	<b>: Western Region</b>
<b>Number of Days Considered</b>	<b>: 665</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 65 (%)</b>
<i>(% of total days in operation)</i>	
<b>No. Of Days Min Generation Achieved</b>	<b>: 51 (%)</b>
<i>(% of total days in operation)</i>	
<b>Average Flexibility</b>	<b>: 26 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 289</b>
<b>Daily Average (MW)</b>	<b>: 254</b>
<b>Average Daily Min (MW)</b>	<b>: 208</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 96</b>
<b>Daily Average/IC (%)</b>	<b>: 84</b>
<b>Average Daily Min/IC (%)</b>	<b>: 69</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 245</b>



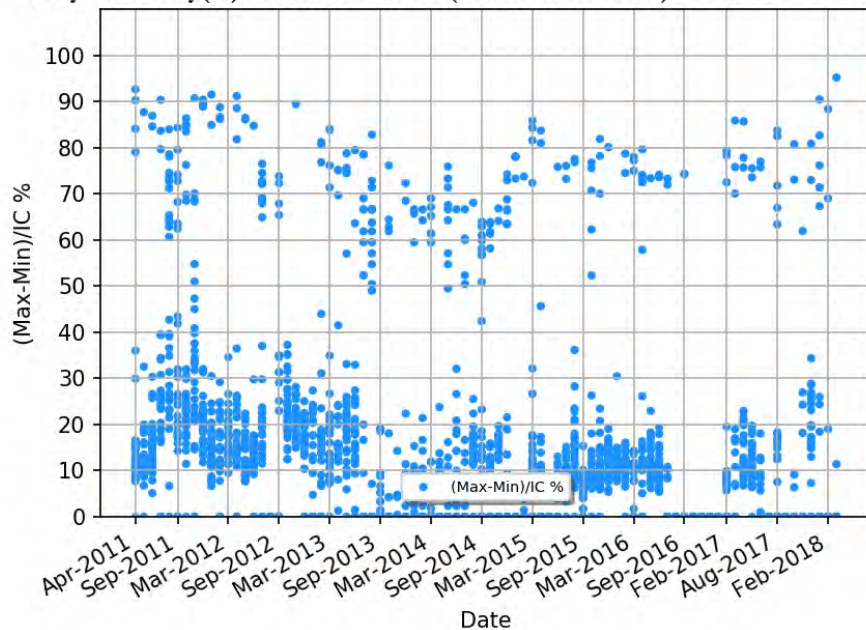
Daily Max Generation : CHANDRAPUR(MAHARASHTRA) STPS UNIT - 3 210 MW



Daily Min Generation : CHANDRAPUR(MAHARASHTRA) STPS UNIT - 3 210 MW



Daily Flexibility(%) : CHANDRAPUR(MAHARASHTRA) STPS UNIT - 3 210 MW

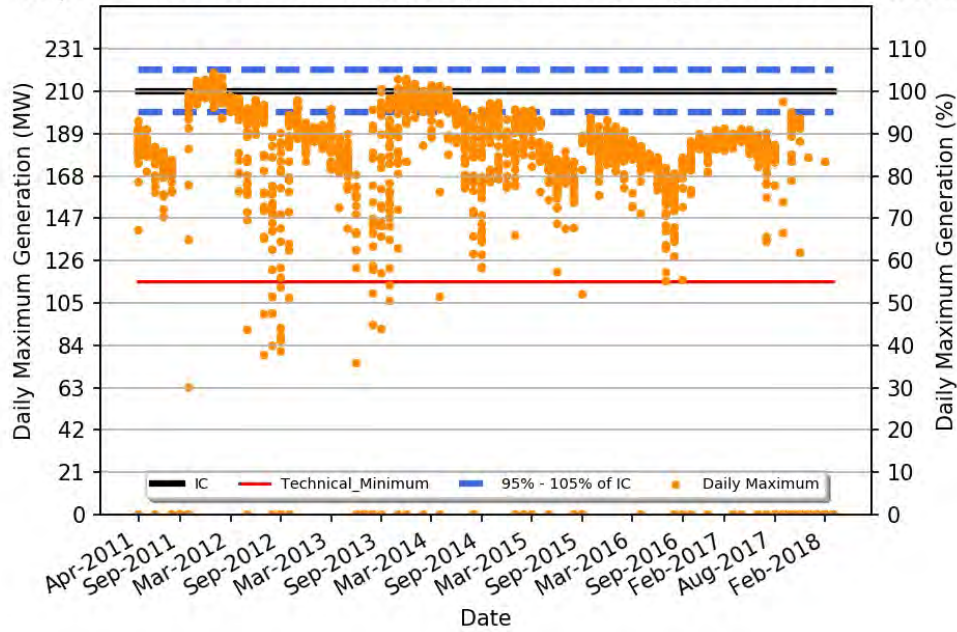


**CHANDRAPUR(MAHARASHTRA) STPS UNIT - 3 210 MW**

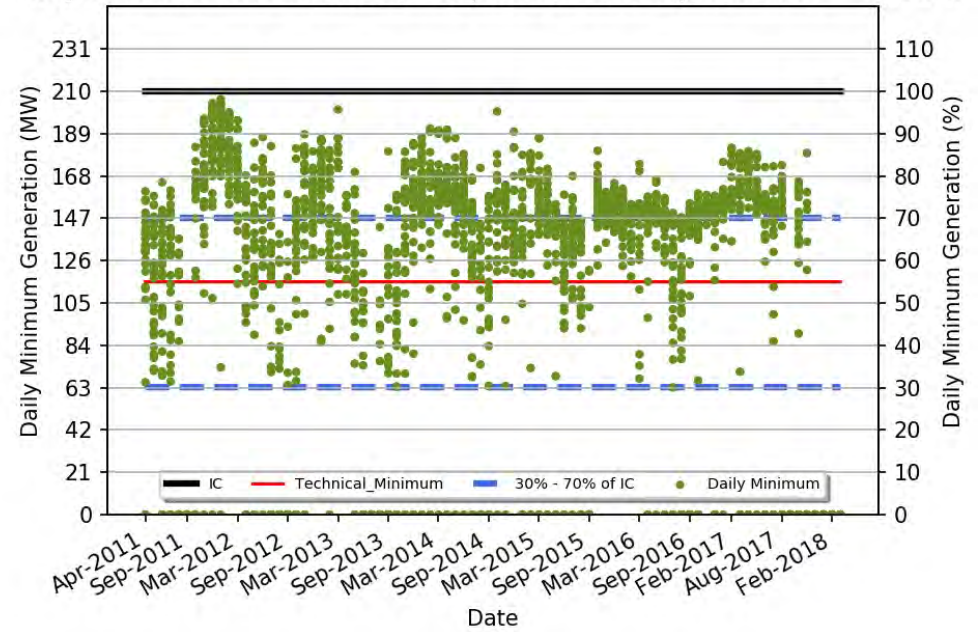
Region	: Western Region
Number of Days Considered	: 1735
No. Of Days Max Generation Achieved	: 0 (%)
(% of total days in operation)	
No. Of Days Min Generation Achieved	: 63 (%)
(% of total days in operation)	
Average Flexibility	: 18 (%)
Average Daily Max (MW)	: 162
Daily Average (MW)	: 148
Average Daily Min (MW)	: 123
Average Daily Max/ IC (%)	: 77
Daily Average/IC (%)	: 70
Average Daily Min/IC (%)	: 58
Variable Charge (Paisa/kWh)	: 231



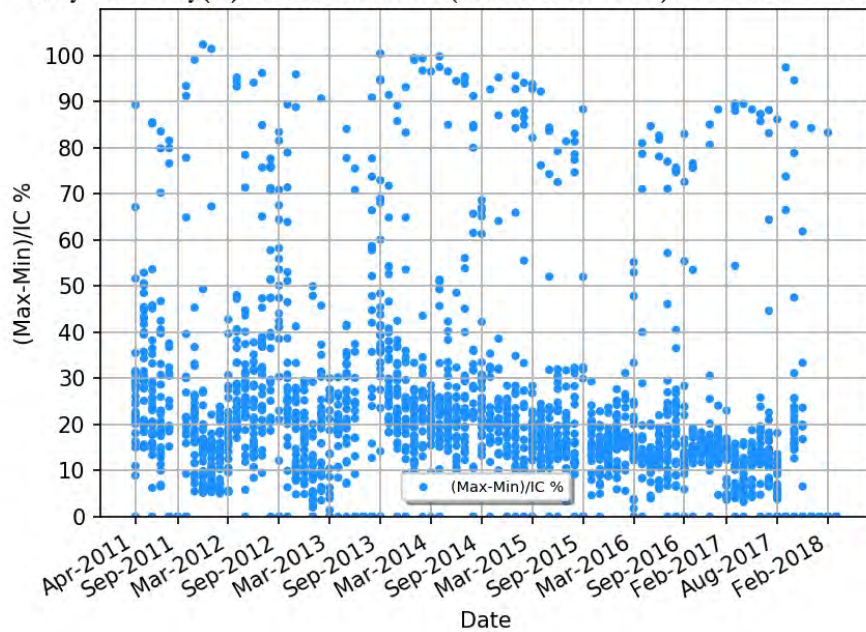
Daily Max Generation : CHANDRAPUR(MAHARASHTRA) STPS UNIT - 4 210 MW



Daily Min Generation : CHANDRAPUR(MAHARASHTRA) STPS UNIT - 4 210 MW



Daily Flexibility(%) : CHANDRAPUR(MAHARASHTRA) STPS UNIT - 4 210 MW

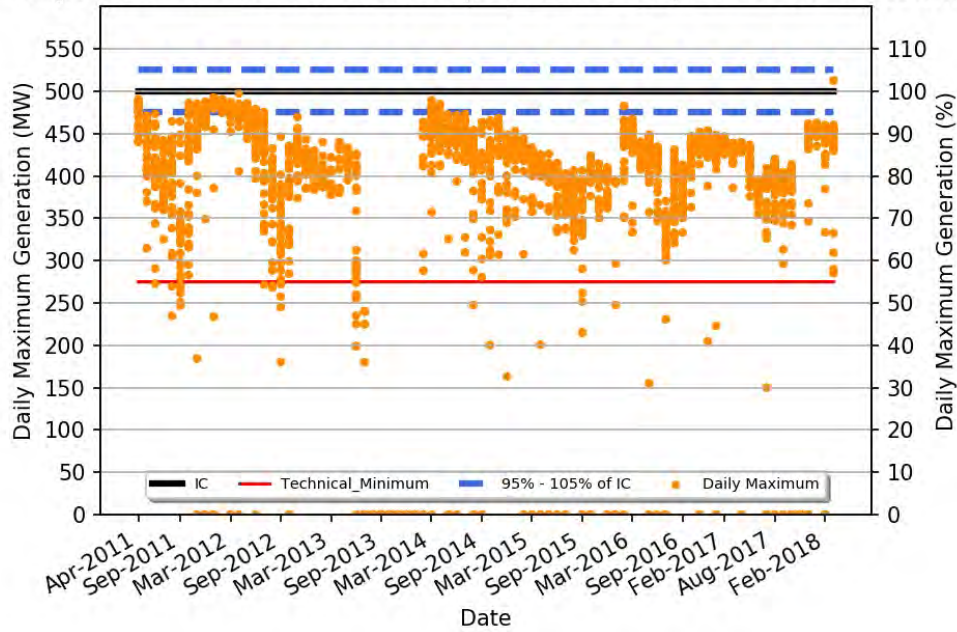


**CHANDRAPUR(MAHARASHTRA) STPS UNIT - 4 210 MW**

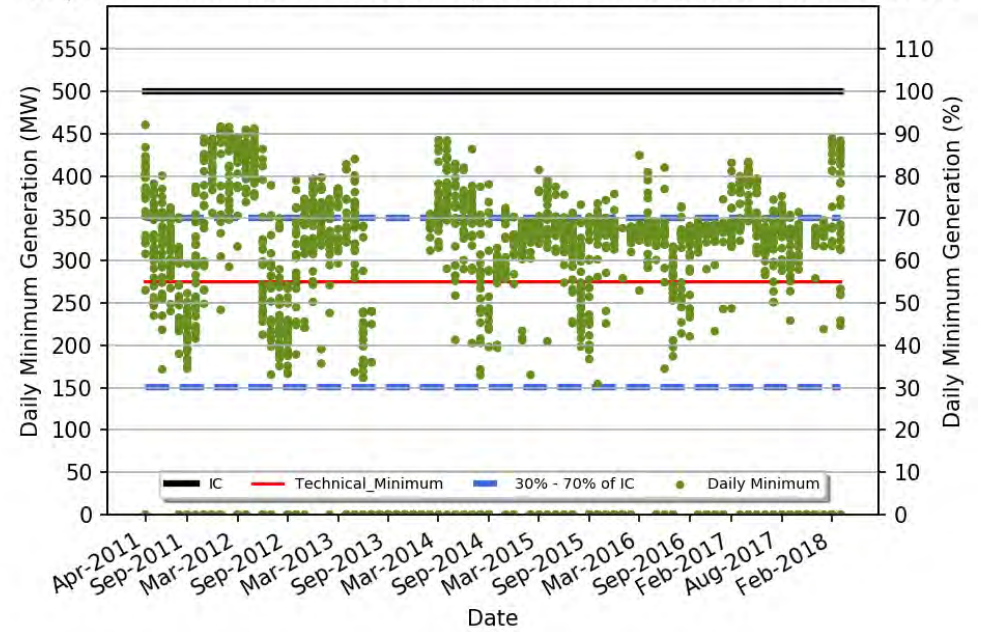
<b>Region</b>	<b>: Western Region</b>
<b>Number of Days Considered</b>	<b>: 2100</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 21 (%)</b>
(% of total days in operation)	
<b>No. Of Days Min Generation Achieved</b>	<b>: 40 (%)</b>
(% of total days in operation)	
<b>Average Flexibility</b>	<b>: 23 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 184</b>
<b>Daily Average (MW)</b>	<b>: 167</b>
<b>Average Daily Min (MW)</b>	<b>: 135</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 87</b>
<b>Daily Average/IC (%)</b>	<b>: 79</b>
<b>Average Daily Min/IC (%)</b>	<b>: 64</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 231</b>



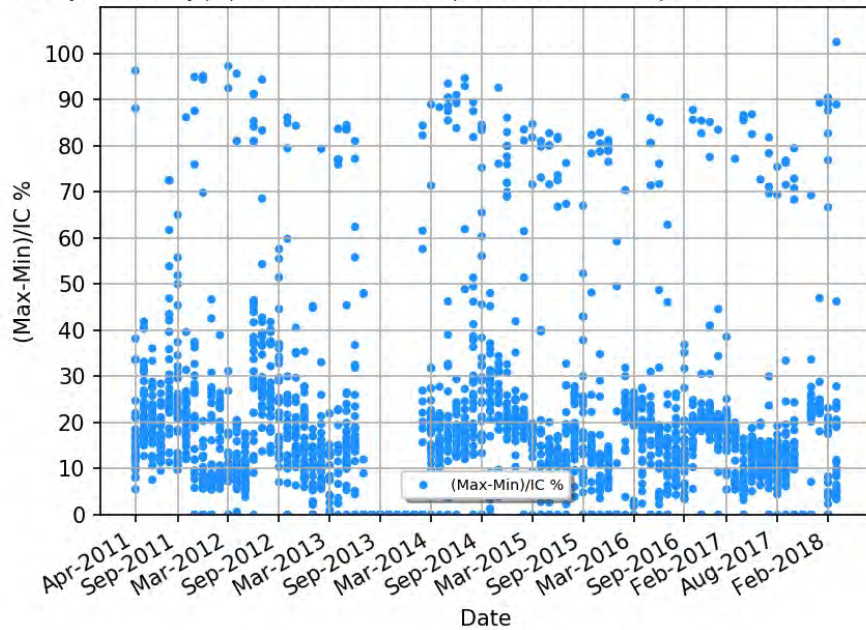
Daily Max Generation : CHANDRAPUR(MAHARASHTRA) STPS UNIT - 5 500 MW



Daily Min Generation : CHANDRAPUR(MAHARASHTRA) STPS UNIT - 5 500 MW



Daily Flexibility(%): CHANDRAPUR(MAHARASHTRA) STPS UNIT - 5 500 MW

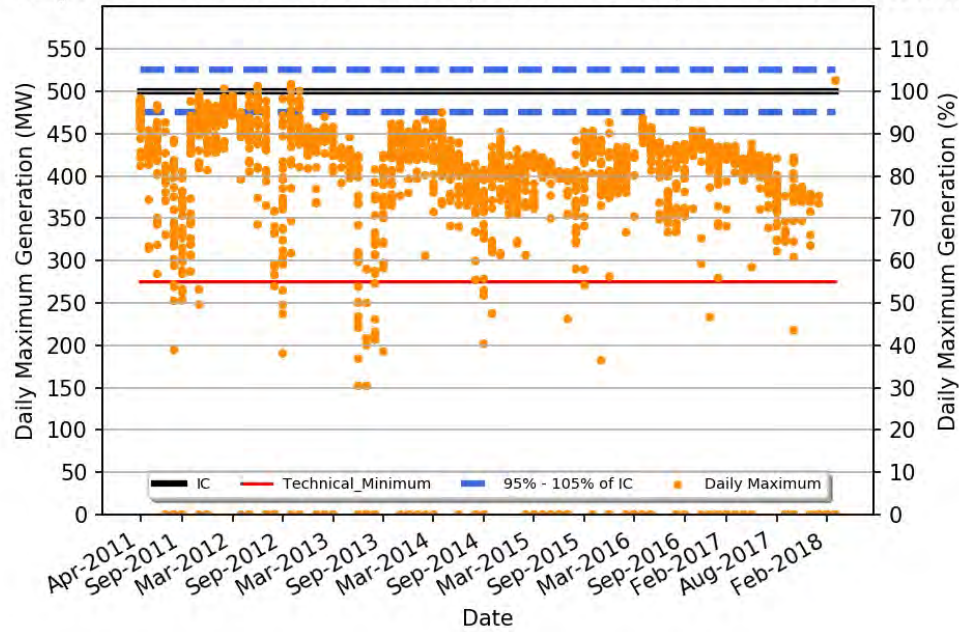


**CHANDRAPUR(MAHARASHTRA) STPS UNIT - 5 500 MW**

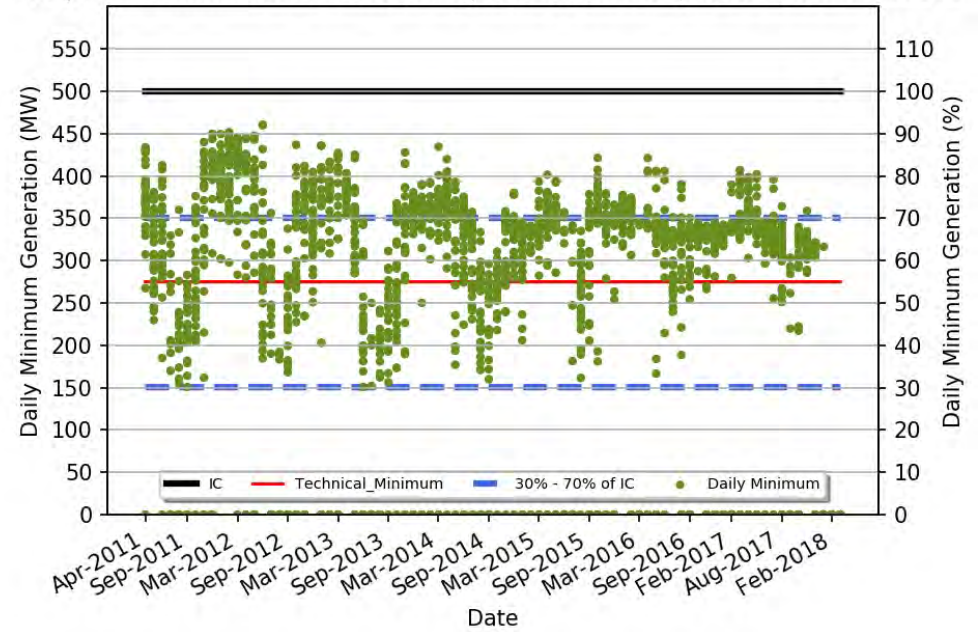
Region	: Western Region
Number of Days Considered	: 2091
No. Of Days Max Generation Achieved	: 7 (%)
(% of total days in operation)	
No. Of Days Min Generation Achieved	: 65 (%)
(% of total days in operation)	
Average Flexibility	: 21 (%)
Average Daily Max (MW)	: 413
Daily Average (MW)	: 368
Average Daily Min (MW)	: 304
Average Daily Max/ IC (%)	: 82
Daily Average/IC (%)	: 73
Average Daily Min/IC (%)	: 60
Variable Charge (Paisa/kWh)	: 231



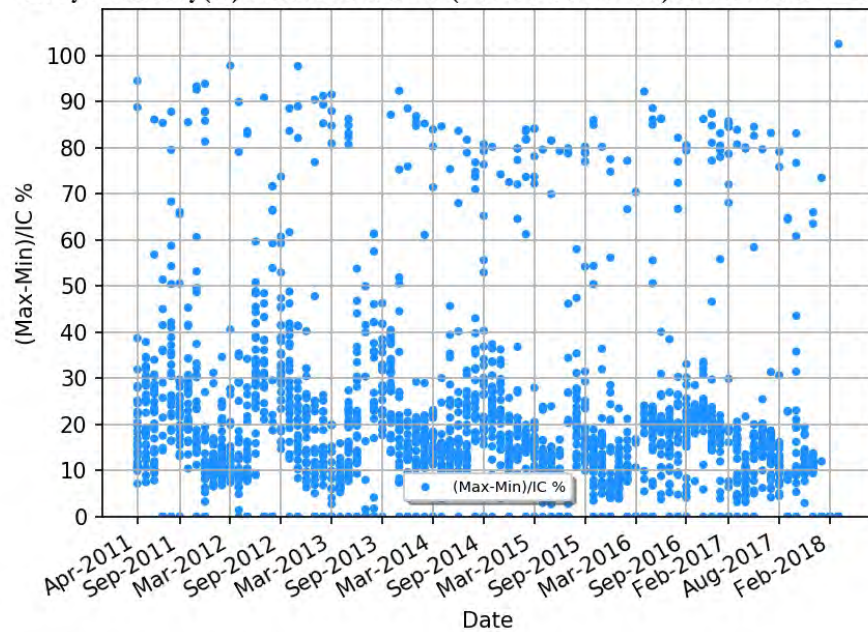
Daily Max Generation : CHANDRAPUR(MAHARASHTRA) STPS UNIT - 6 500 MW



Daily Min Generation : CHANDRAPUR(MAHARASHTRA) STPS UNIT - 6 500 MW



Daily Flexibility(%): CHANDRAPUR(MAHARASHTRA) STPS UNIT - 6 500 MW

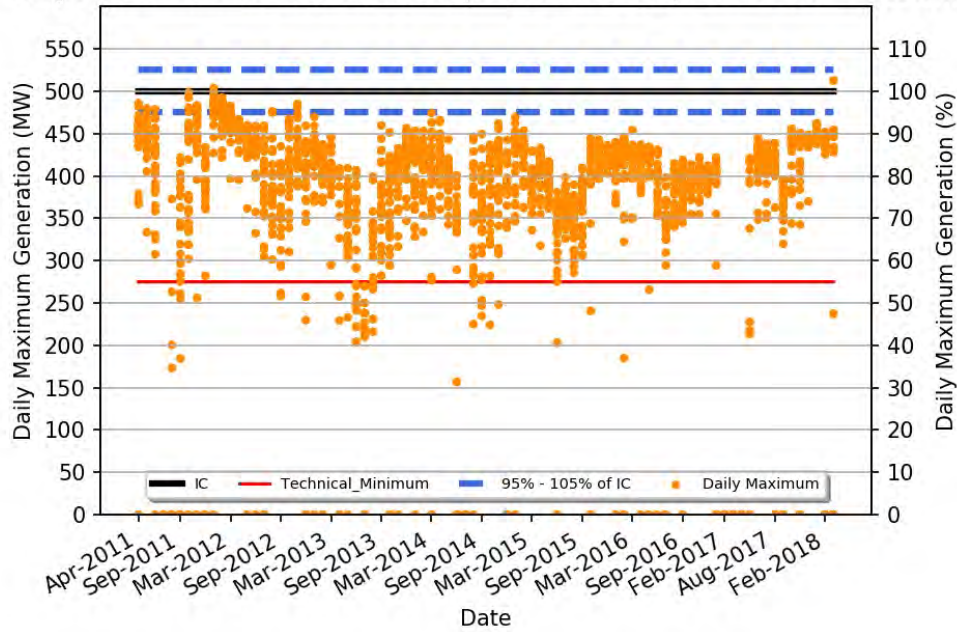


**CHANDRAPUR(MAHARASHTRA) STPS UNIT - 6 500 MW**

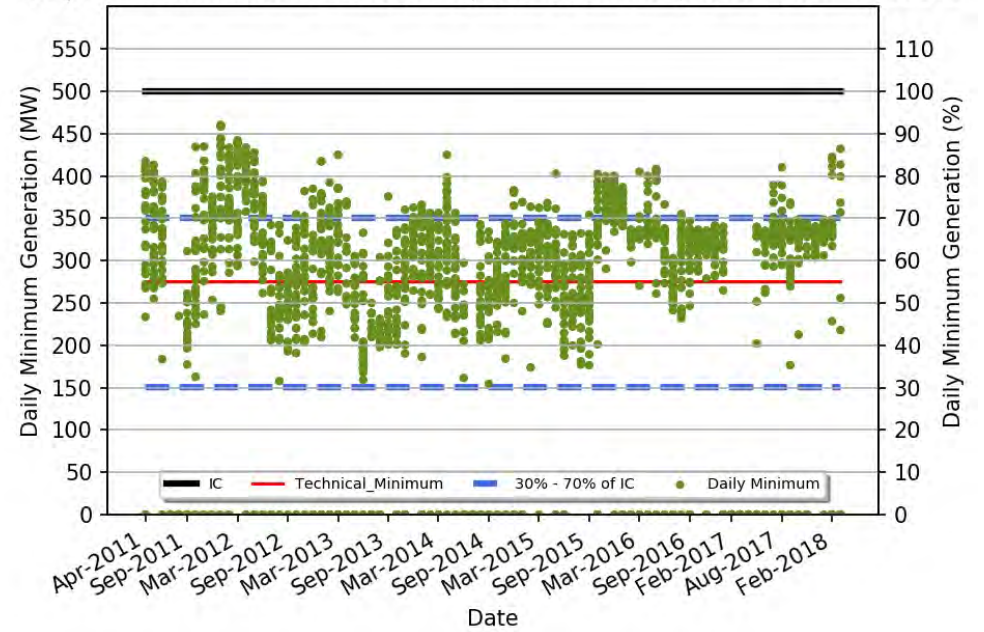
<b>Region</b>	<b>: Western Region</b>
<b>Number of Days Considered</b>	<b>: 2094</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 6 (%)</b>
(% of total days in operation)	
<b>No. Of Days Min Generation Achieved</b>	<b>: 60 (%)</b>
(% of total days in operation)	
<b>Average Flexibility</b>	<b>: 21 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 412</b>
<b>Daily Average (MW)</b>	<b>: 369</b>
<b>Average Daily Min (MW)</b>	<b>: 303</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 82</b>
<b>Daily Average/IC (%)</b>	<b>: 73</b>
<b>Average Daily Min/IC (%)</b>	<b>: 60</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 231</b>



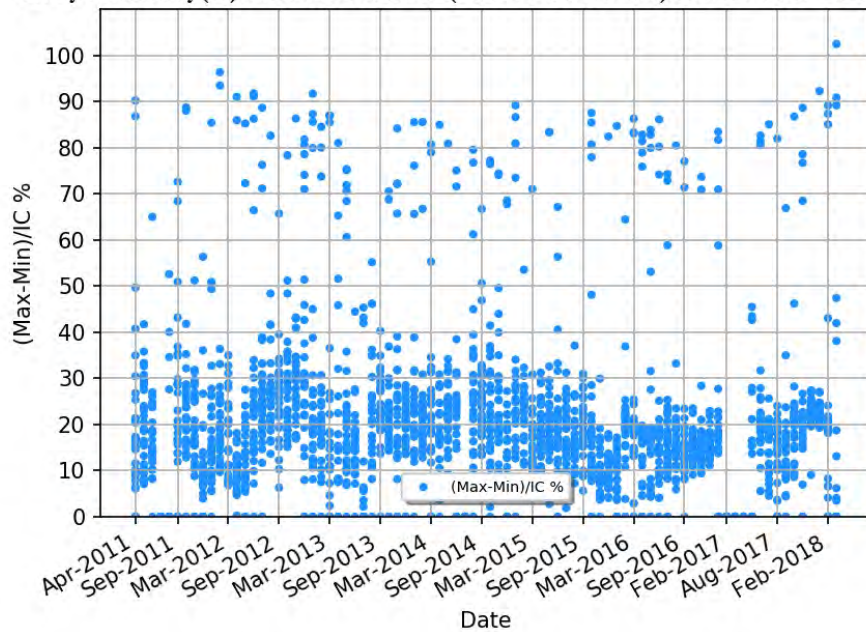
Daily Max Generation : CHANDRAPUR(MAHARASHTRA) STPS UNIT - 7 500 MW



Daily Min Generation : CHANDRAPUR(MAHARASHTRA) STPS UNIT - 7 500 MW



Daily Flexibility(%): CHANDRAPUR(MAHARASHTRA) STPS UNIT - 7 500 MW

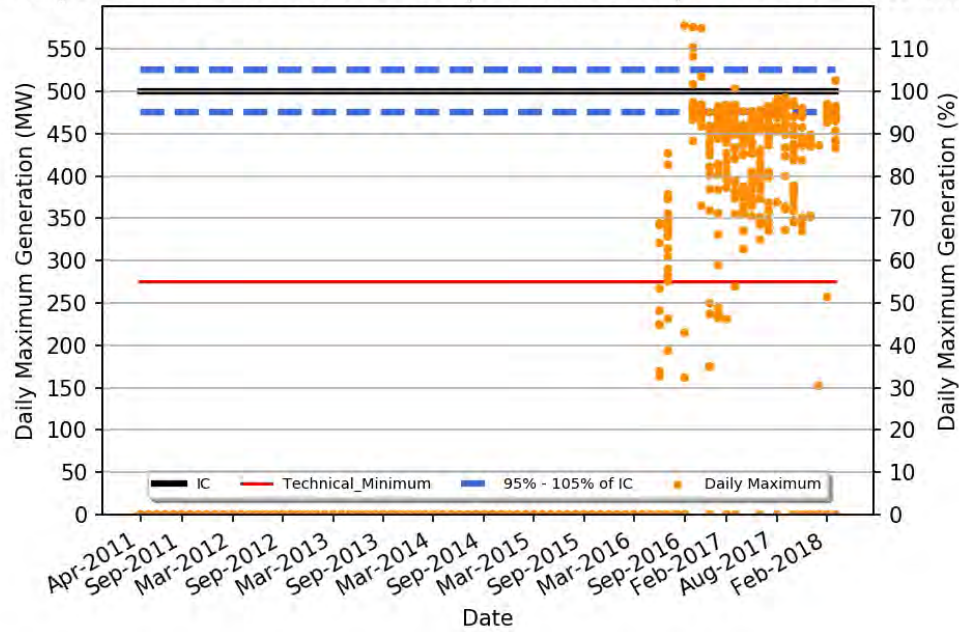


**CHANDRAPUR(MAHARASHTRA) STPS UNIT - 7 500 MW**

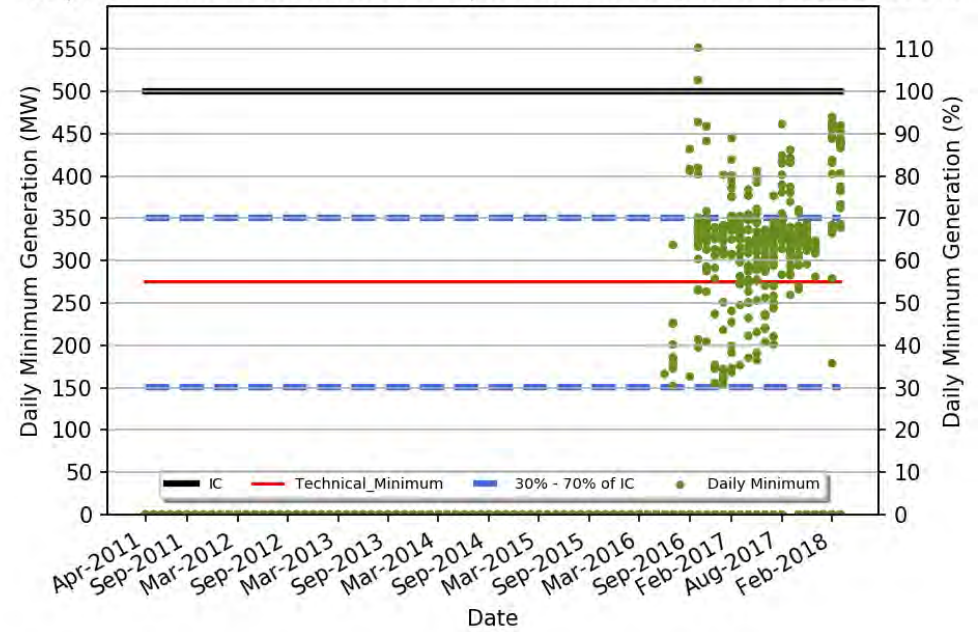
<b>Region</b>	<b>: Western Region</b>
<b>Number of Days Considered</b>	<b>: 2150</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 3 (%)</b>
(% of total days in operation)	
<b>No. Of Days Min Generation Achieved</b>	<b>: 76 (%)</b>
(% of total days in operation)	
<b>Average Flexibility</b>	<b>: 21 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 401</b>
<b>Daily Average (MW)</b>	<b>: 356</b>
<b>Average Daily Min (MW)</b>	<b>: 291</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 80</b>
<b>Daily Average/IC (%)</b>	<b>: 71</b>
<b>Average Daily Min/IC (%)</b>	<b>: 58</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 231</b>



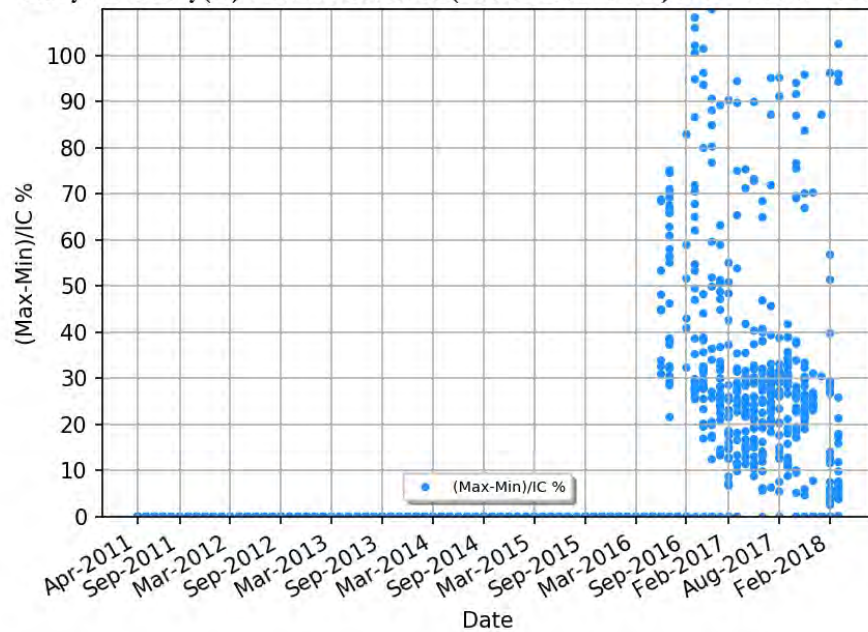
Daily Max Generation : CHANDRAPUR(MAHARASHTRA) STPS UNIT - 8 500 MW



Daily Min Generation : CHANDRAPUR(MAHARASHTRA) STPS UNIT - 8 500 MW



Daily Flexibility(%): CHANDRAPUR(MAHARASHTRA) STPS UNIT - 8 500 MW

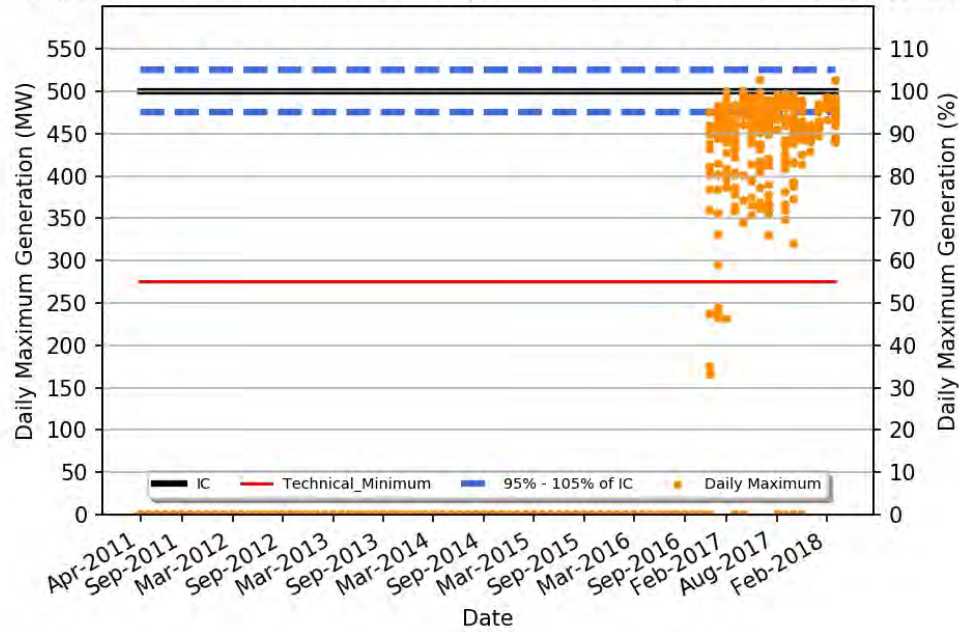


**CHANDRAPUR(MAHARASHTRA) STPS UNIT - 8 500 MW**

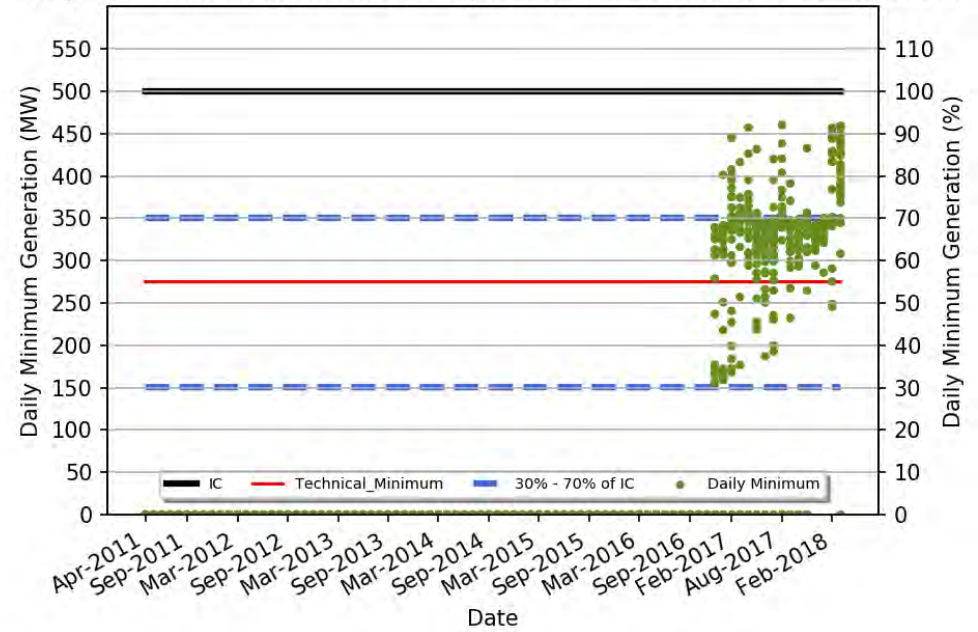
<b>Region</b>	<b>: Western Region</b>
<b>Number of Days Considered</b>	<b>: 481</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 23 (%)</b>
(% of total days in operation)	
<b>No. Of Days Min Generation Achieved</b>	<b>: 69 (%)</b>
(% of total days in operation)	
<b>Average Flexibility</b>	<b>: 32 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 452</b>
<b>Daily Average (MW)</b>	<b>: 385</b>
<b>Average Daily Min (MW)</b>	<b>: 288</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 90</b>
<b>Daily Average/IC (%)</b>	<b>: 77</b>
<b>Average Daily Min/IC (%)</b>	<b>: 57</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 224</b>



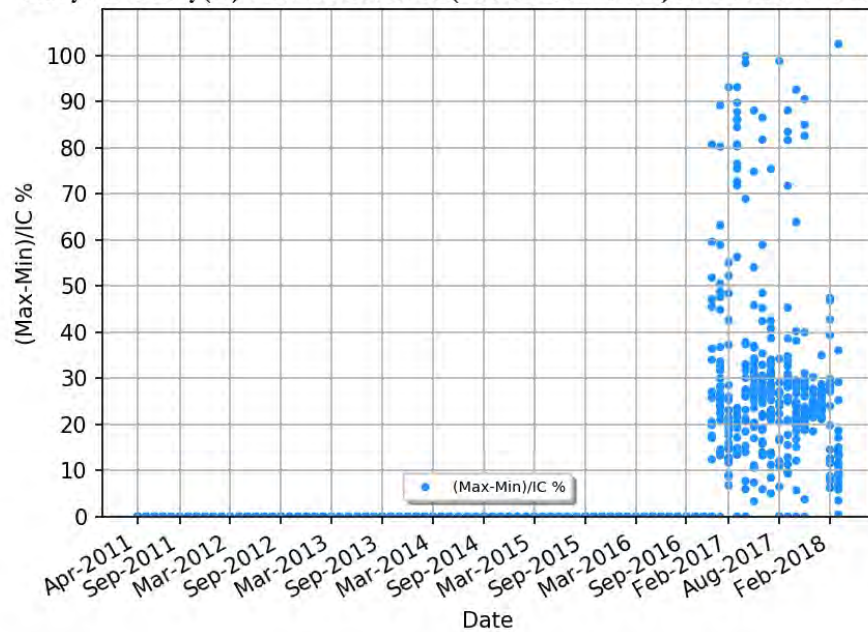
Daily Max Generation : CHANDRAPUR(MAHARASHTRA) STPS UNIT - 9 500 MW



Daily Min Generation : CHANDRAPUR(MAHARASHTRA) STPS UNIT - 9 500 MW



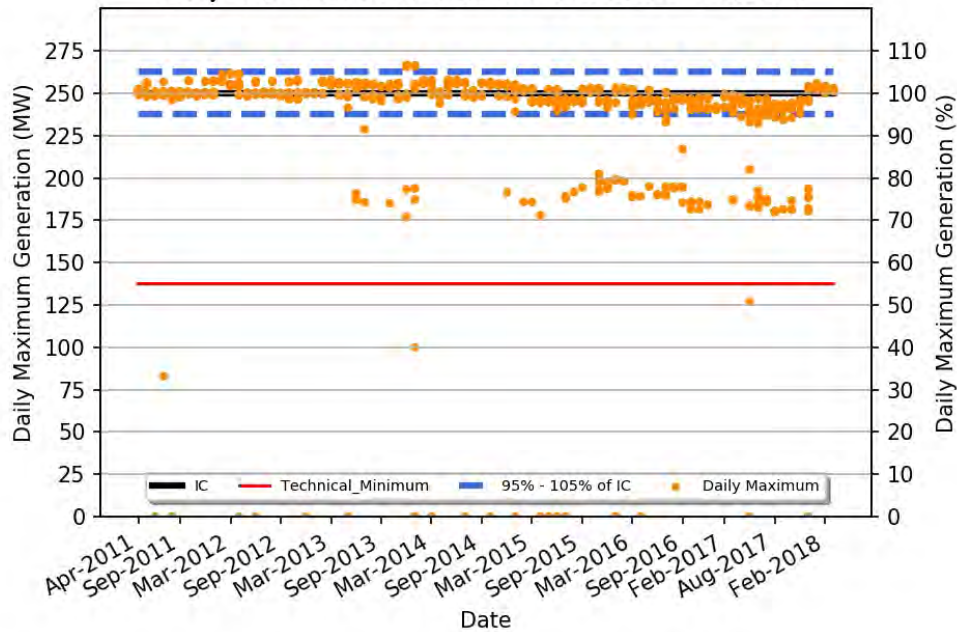
Daily Flexibility(%): CHANDRAPUR(MAHARASHTRA) STPS UNIT - 9 500 MW



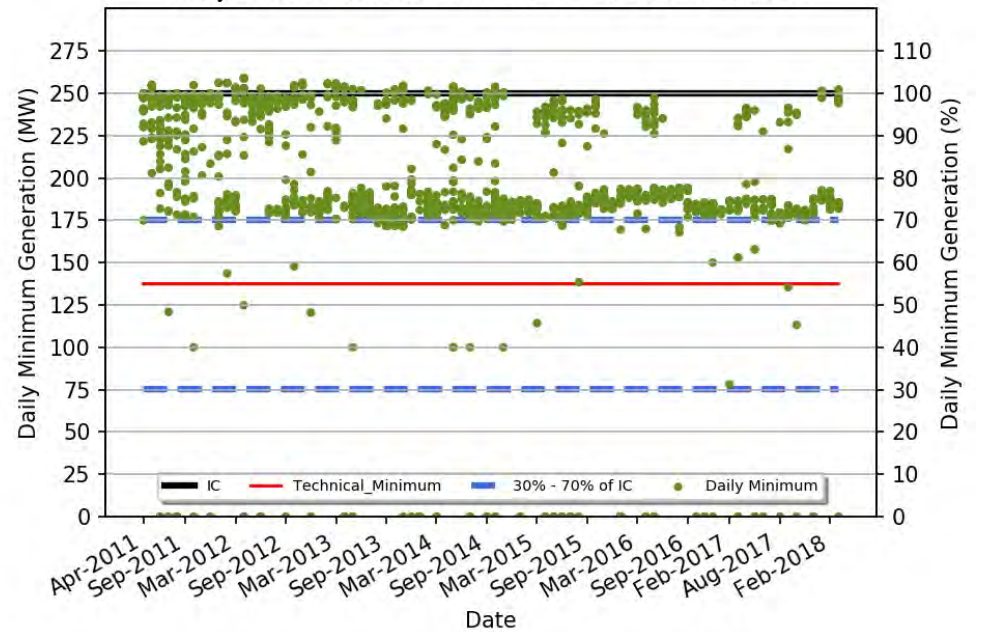
**CHANDRAPUR(MAHARASHTRA) STPS UNIT - 9 500 MW**

<b>Region</b>	<b>: Western Region</b>
<b>Number of Days Considered</b>	<b>: 432</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 33 (%)</b>
<b>(% of total days in operation)</b>	
<b>No. Of Days Min Generation Achieved</b>	<b>: 72 (%)</b>
<b>(% of total days in operation)</b>	
<b>Average Flexibility</b>	<b>: 27 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 443</b>
<b>Daily Average (MW)</b>	<b>: 388</b>
<b>Average Daily Min (MW)</b>	<b>: 305</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 88</b>
<b>Daily Average/IC (%)</b>	<b>: 77</b>
<b>Average Daily Min/IC (%)</b>	<b>: 61</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 224</b>

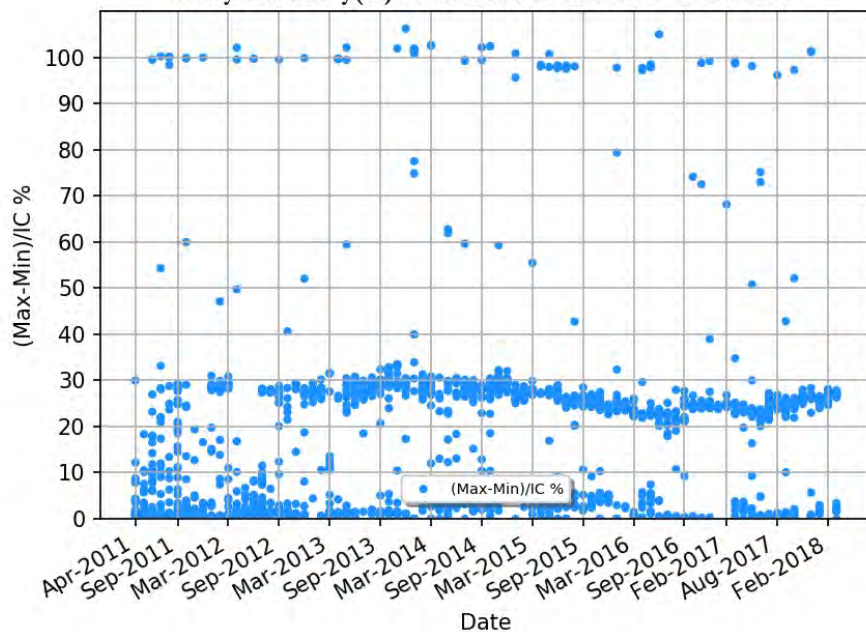
Daily Max Generation : DAHANU TPS UNIT - 1 250 MW



Daily Min Generation : DAHANU TPS UNIT - 1 250 MW



Daily Flexibility(%) : DAHANU TPS UNIT - 1 250 MW

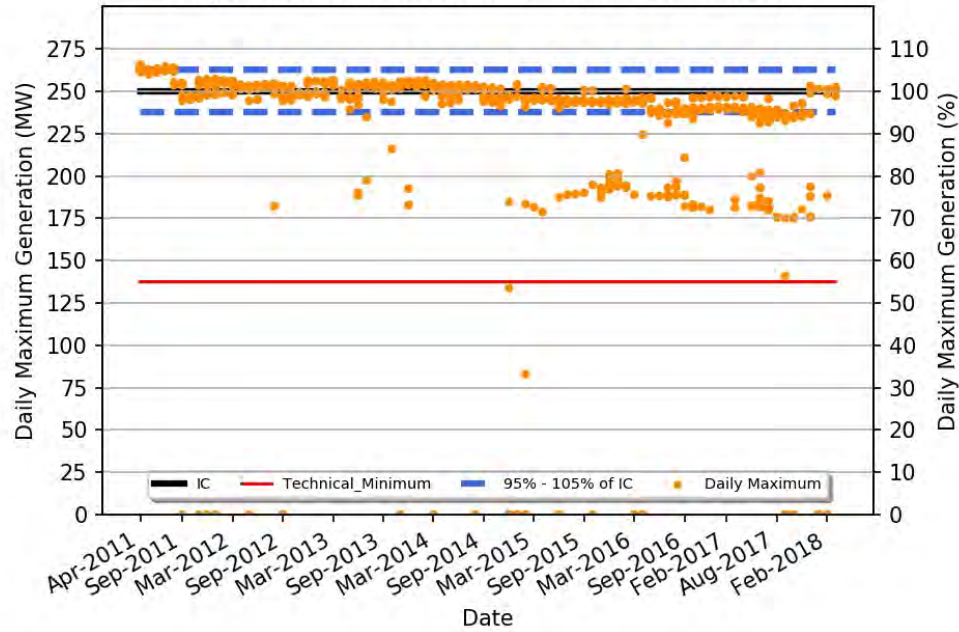


### DAHANU TPS UNIT - 1 250 MW

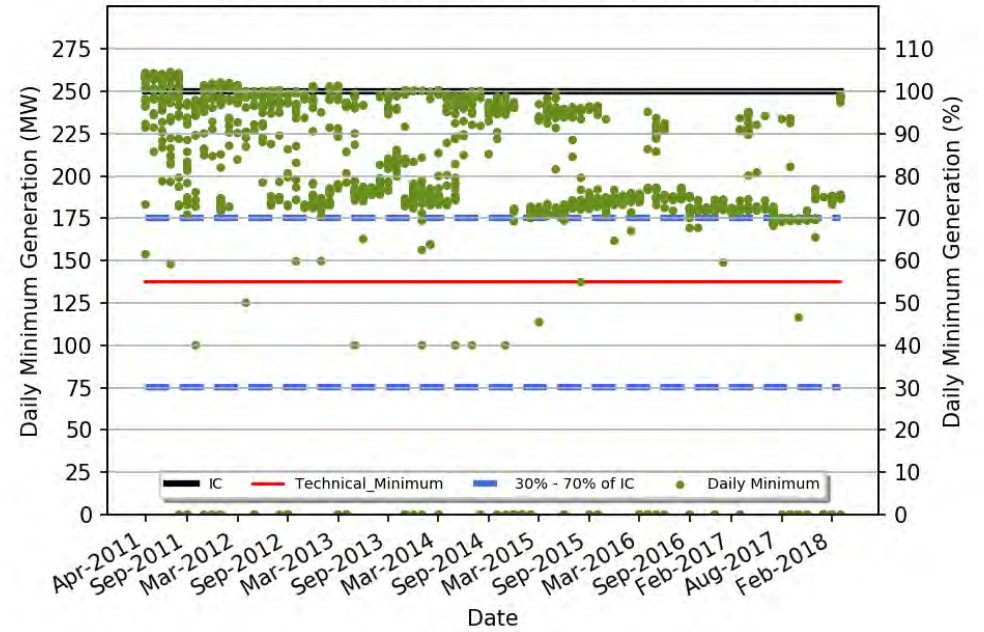
<b>Region</b>	<b>: Western Region</b>
<b>Number of Days Considered</b>	<b>: 2465</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 93 (%)</b>
<small>(% of total days in operation)</small>	
<b>No. Of Days Min Generation Achieved</b>	<b>: 2 (%)</b>
<small>(% of total days in operation)</small>	
<b>Average Flexibility</b>	<b>: 19 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 246</b>
<b>Daily Average (MW)</b>	<b>: 228</b>
<b>Average Daily Min (MW)</b>	<b>: 198</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 98</b>
<b>Daily Average/IC (%)</b>	<b>: 91</b>
<b>Average Daily Min/IC (%)</b>	<b>: 79</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 339</b>



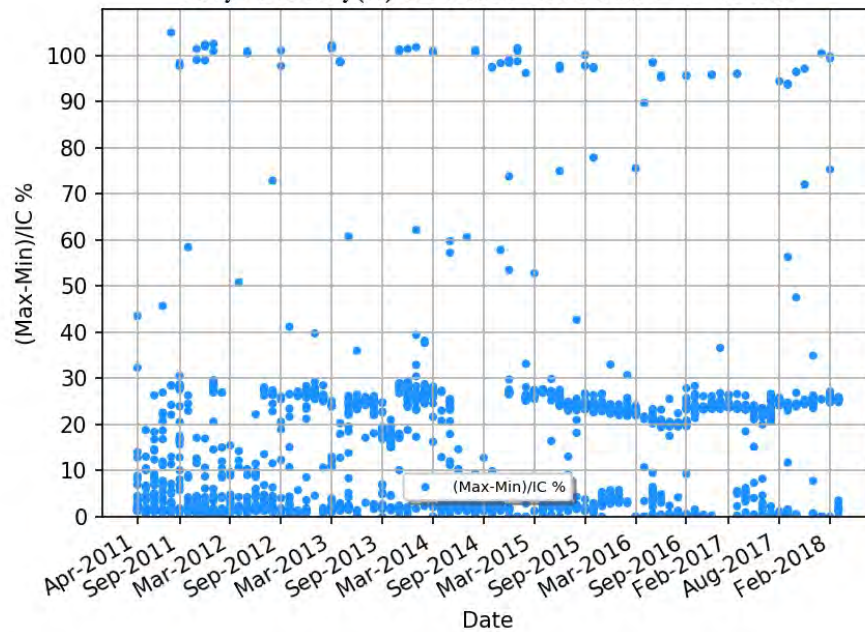
Daily Max Generation : DAHANU TPS UNIT - 2 250 MW



Daily Min Generation : DAHANU TPS UNIT - 2 250 MW



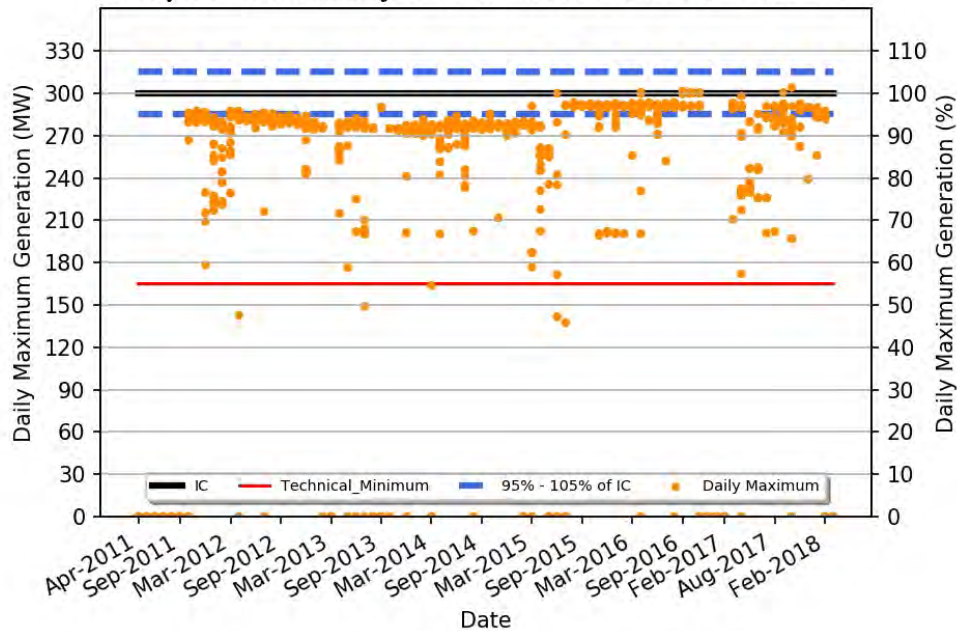
Daily Flexibility(%) : DAHANU TPS UNIT - 2 250 MW



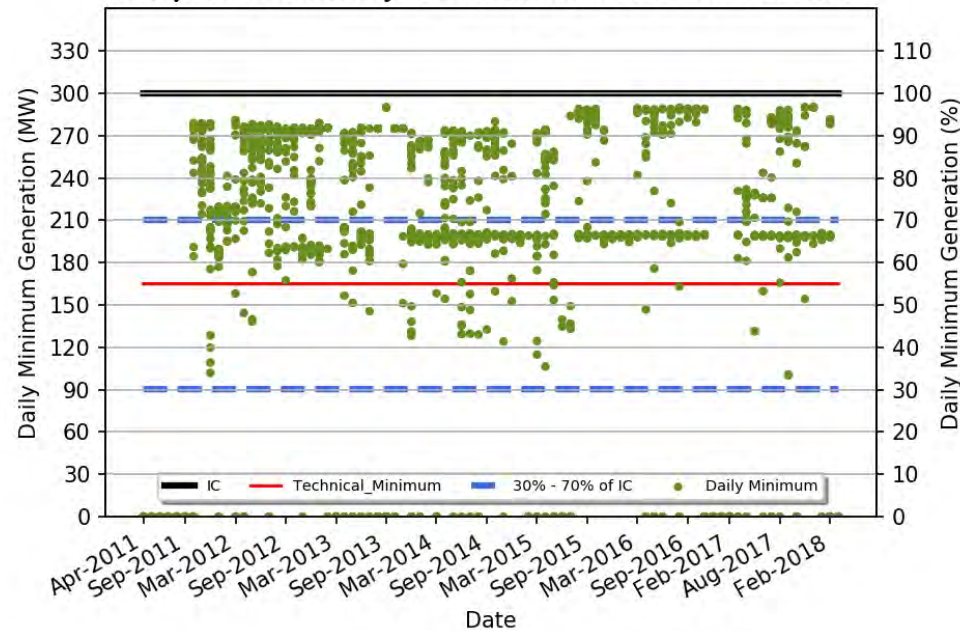
**DAHANU TPS UNIT - 2 250 MW**

<b>Region</b>	<b>: Western Region</b>
<b>Number of Days Considered</b>	<b>: 2381</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 85 (%)</b>
<i>(% of total days in operation)</i>	
<b>No. Of Days Min Generation Achieved</b>	<b>: 5 (%)</b>
<i>(% of total days in operation)</i>	
<b>Average Flexibility</b>	<b>: 16 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 244</b>
<b>Daily Average (MW)</b>	<b>: 228</b>
<b>Average Daily Min (MW)</b>	<b>: 202</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 97</b>
<b>Daily Average/IC (%)</b>	<b>: 91</b>
<b>Average Daily Min/IC (%)</b>	<b>: 81</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 339</b>

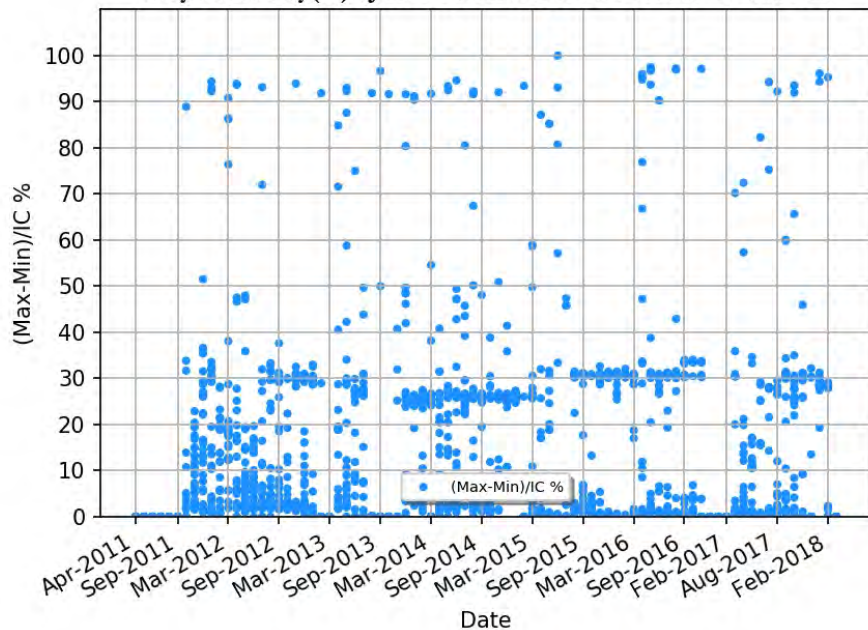
Daily Max Generation : JSW RATNAGIRI TPP UNIT - 1 300 MW



Daily Min Generation : JSW RATNAGIRI TPP UNIT - 1 300 MW



Daily Flexibility(%) : JSW RATNAGIRI TPP UNIT - 1 300 MW

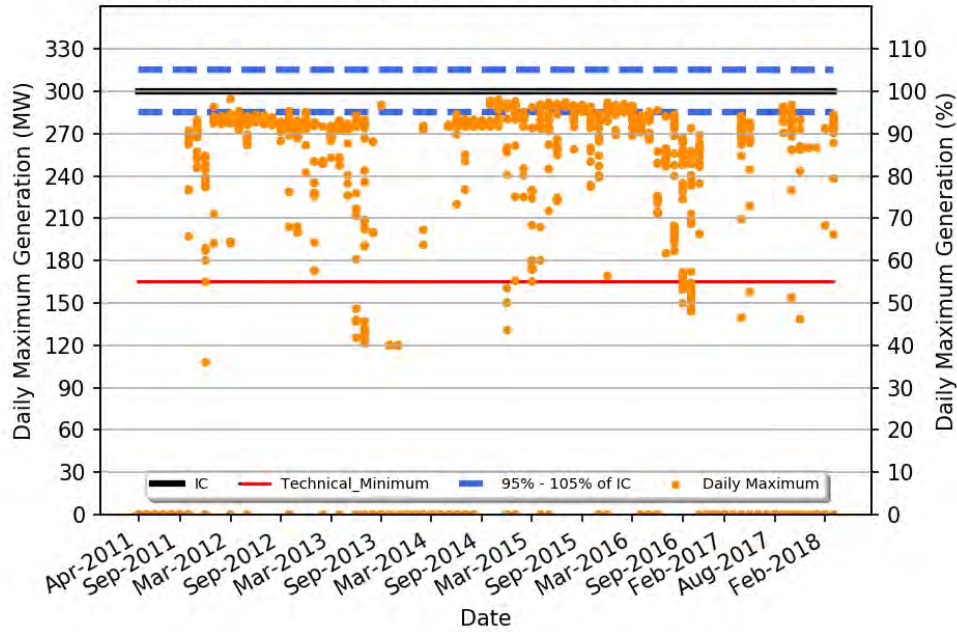


### JSW RATNAGIRI TPP UNIT - 1 300 MW

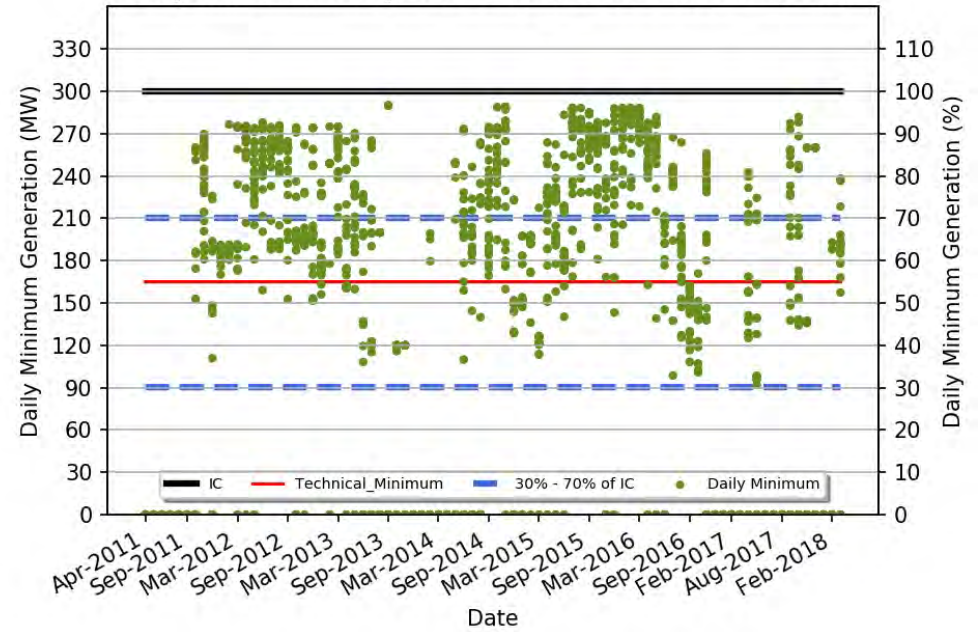
Region	: Western Region
Number of Days Considered	: 1968
No. Of Days Max Generation Achieved	: 29 (%)
(% of total days in operation)	
No. Of Days Min Generation Achieved	: 44 (%)
(% of total days in operation)	
Average Flexibility	: 17 (%)
Average Daily Max (MW)	: 277
Daily Average (MW)	: 259
Average Daily Min (MW)	: 225
Average Daily Max/ IC (%)	: 92
Daily Average/IC (%)	: 86
Average Daily Min/IC (%)	: 75
Variable Charge (Paisa/kWh)	: 270



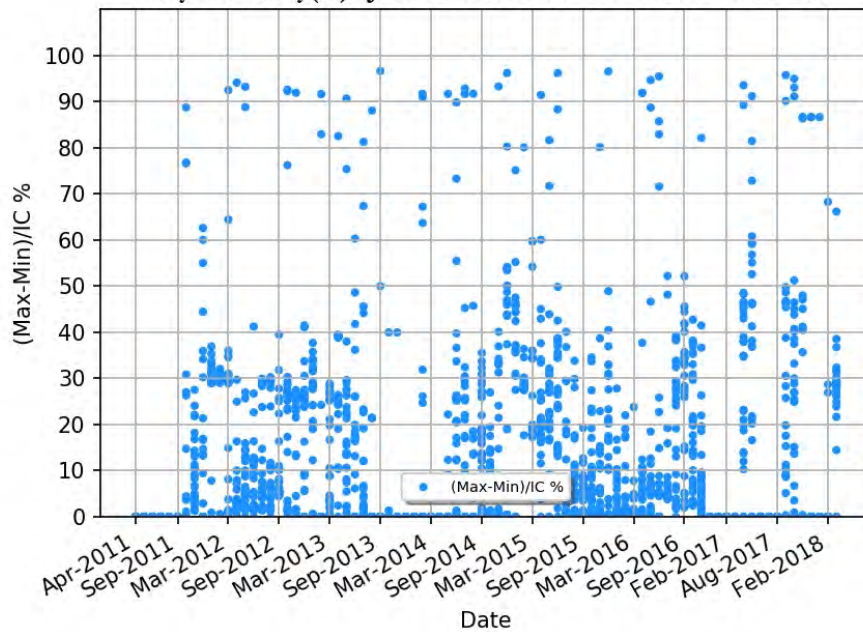
Daily Max Generation : JSW RATNAGIRI TPP UNIT - 2 300 MW



Daily Min Generation : JSW RATNAGIRI TPP UNIT - 2 300 MW



Daily Flexibility(%) : JSW RATNAGIRI TPP UNIT - 2 300 MW

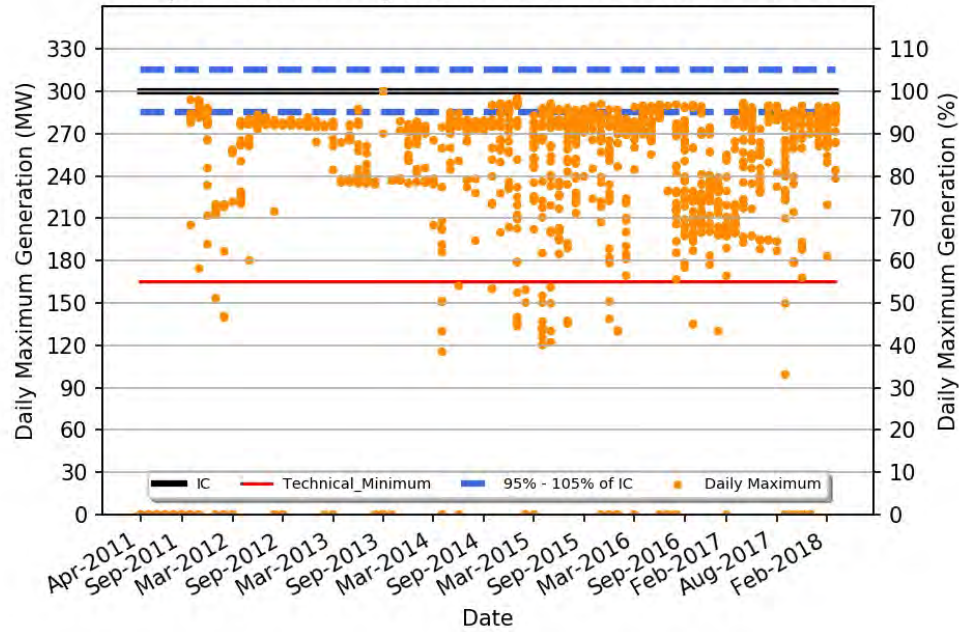


### JSW RATNAGIRI TPP UNIT - 2 300 MW

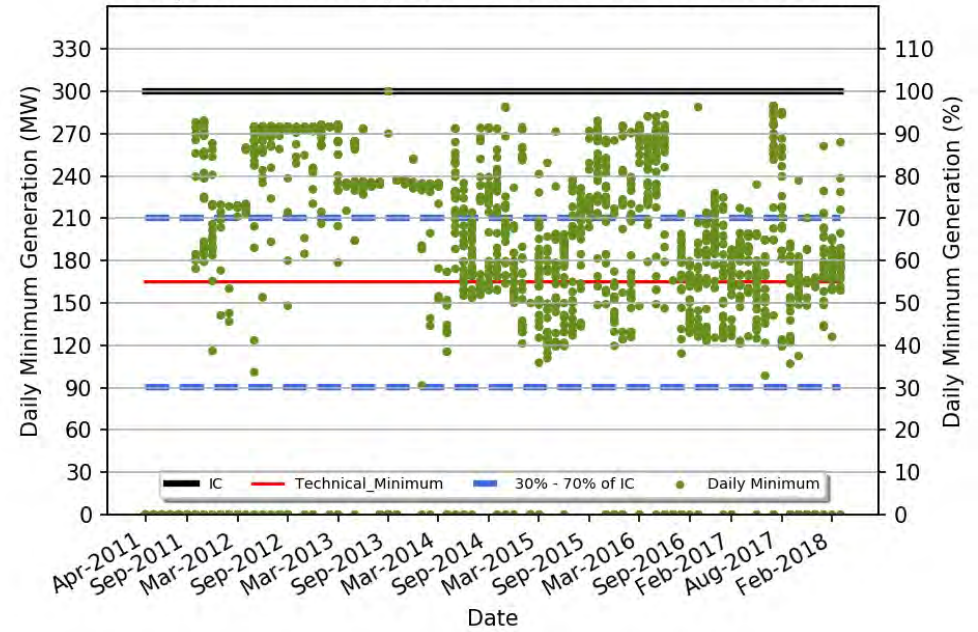
<b>Region</b>	<b>: Western Region</b>
<b>Number of Days Considered</b>	<b>: 1673</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 18 (%)</b>
(% of total days in operation)	
<b>No. Of Days Min Generation Achieved</b>	<b>: 44 (%)</b>
(% of total days in operation)	
<b>Average Flexibility</b>	<b>: 17 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 262</b>
<b>Daily Average (MW)</b>	<b>: 241</b>
<b>Average Daily Min (MW)</b>	<b>: 209</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 87</b>
<b>Daily Average/IC (%)</b>	<b>: 80</b>
<b>Average Daily Min/IC (%)</b>	<b>: 69</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 270</b>



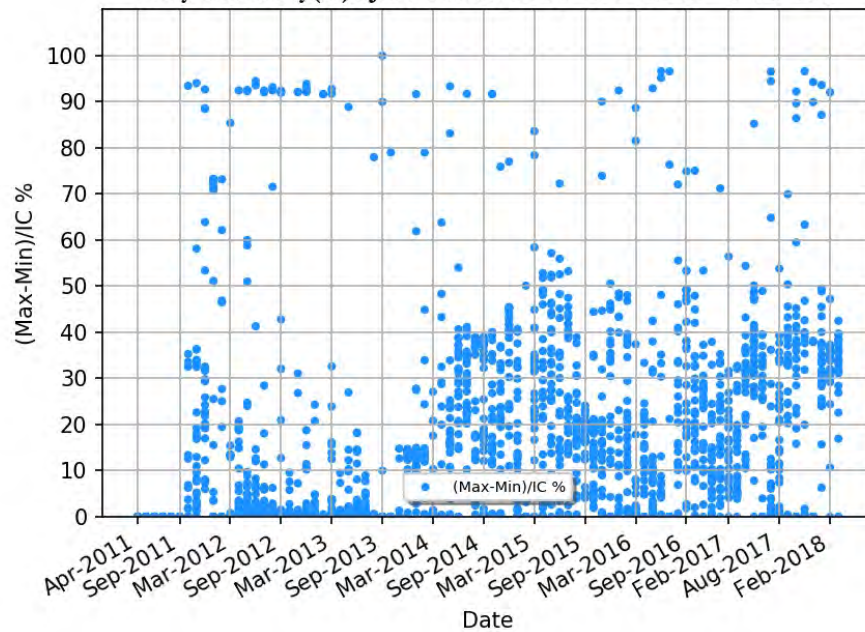
Daily Max Generation : JSW RATNAGIRI TPP UNIT - 3 300 MW



Daily Min Generation : JSW RATNAGIRI TPP UNIT - 3 300 MW



Daily Flexibility(%) : JSW RATNAGIRI TPP UNIT - 3 300 MW

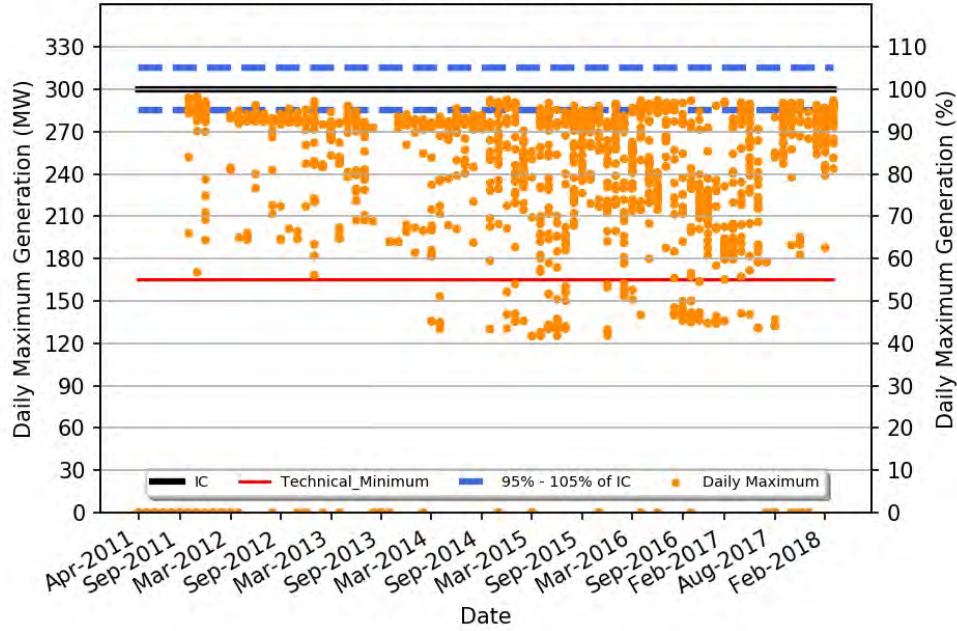


### JSW RATNAGIRI TPP UNIT - 3 300 MW

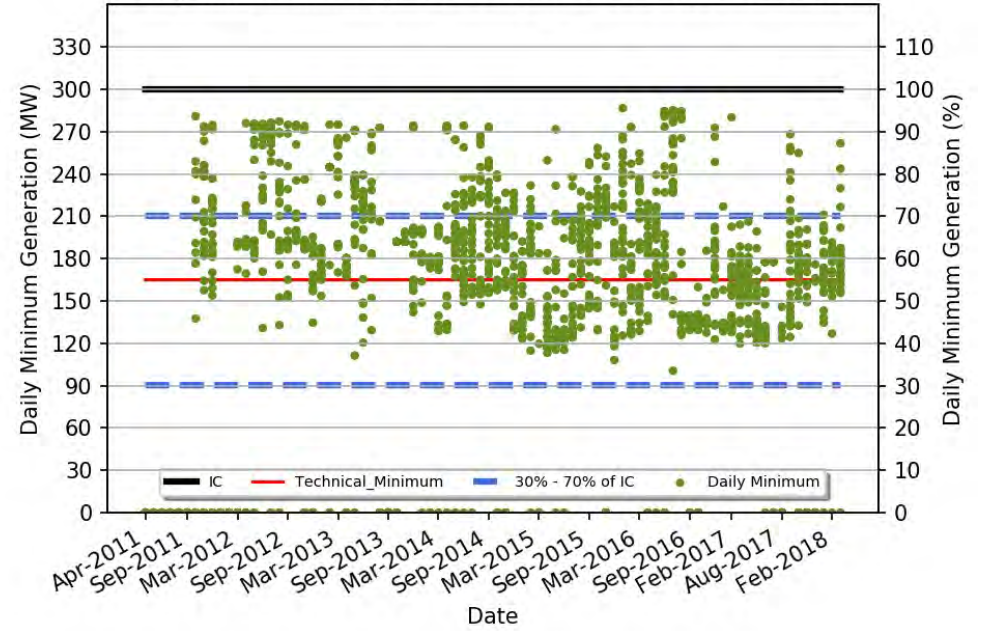
Region	: Western Region
Number of Days Considered	: 2047
No. Of Days Max Generation Achieved	: 11 (%)
(% of total days in operation)	
No. Of Days Min Generation Achieved	: 44 (%)
(% of total days in operation)	
Average Flexibility	: 18 (%)
Average Daily Max (MW)	: 258
Daily Average (MW)	: 233
Average Daily Min (MW)	: 203
Average Daily Max/ IC (%)	: 86
Daily Average/IC (%)	: 77
Average Daily Min/IC (%)	: 67
Variable Charge (Paisa/kWh)	: 270



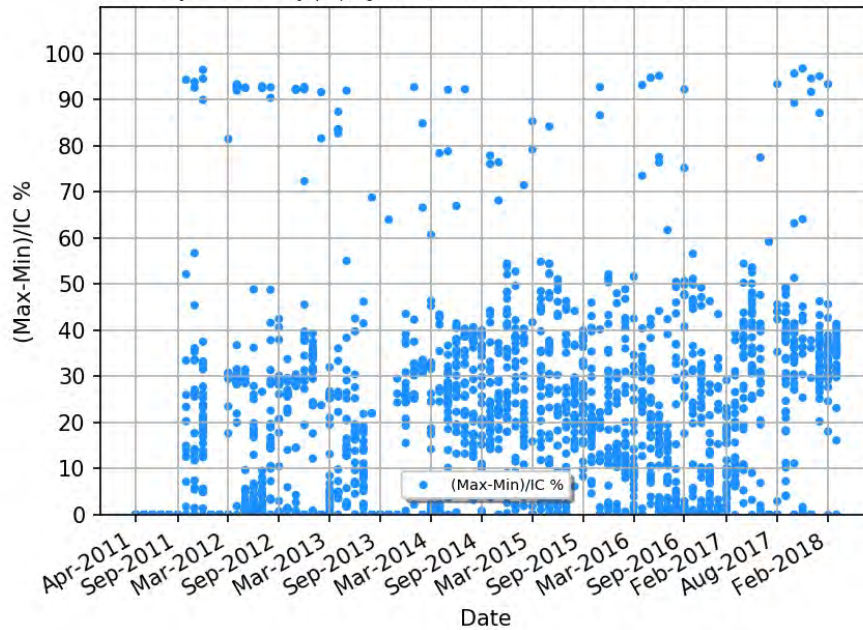
Daily Max Generation : JSW RATNAGIRI TPP UNIT - 4 300 MW



Daily Min Generation : JSW RATNAGIRI TPP UNIT - 4 300 MW



Daily Flexibility(%) : JSW RATNAGIRI TPP UNIT - 4 300 MW

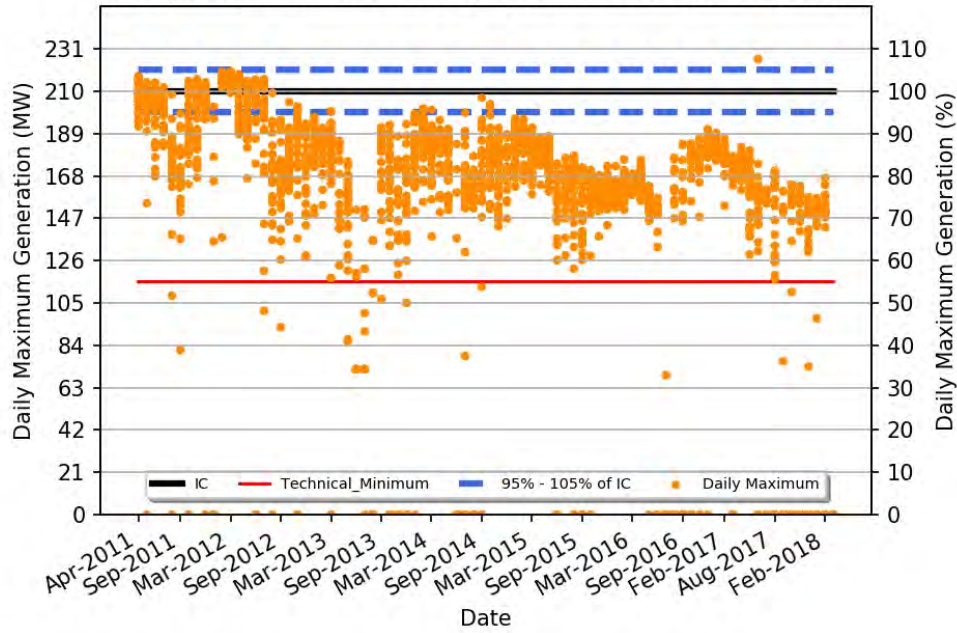


**JSW RATNAGIRI TPP UNIT - 4 300 MW**

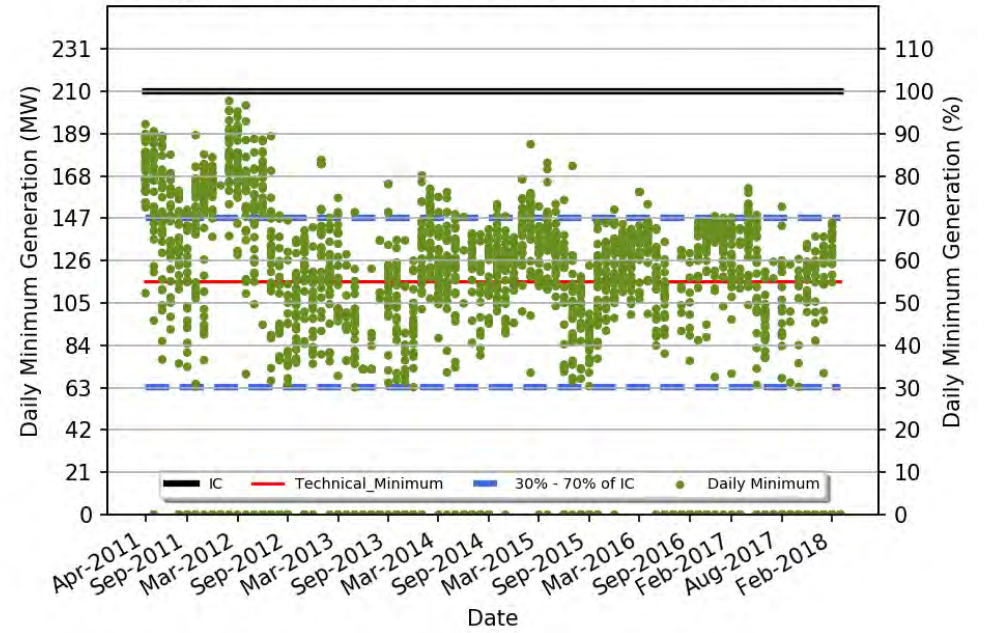
<b>Region</b>	<b>: Western Region</b>
<b>Number of Days Considered</b>	<b>: 2024</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 10 (%)</b>
(% of total days in operation)	
<b>No. Of Days Min Generation Achieved</b>	<b>: 71 (%)</b>
(% of total days in operation)	
<b>Average Flexibility</b>	<b>: 21 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 247</b>
<b>Daily Average (MW)</b>	<b>: 216</b>
<b>Average Daily Min (MW)</b>	<b>: 181</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 82</b>
<b>Daily Average/IC (%)</b>	<b>: 72</b>
<b>Average Daily Min/IC (%)</b>	<b>: 60</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 270</b>



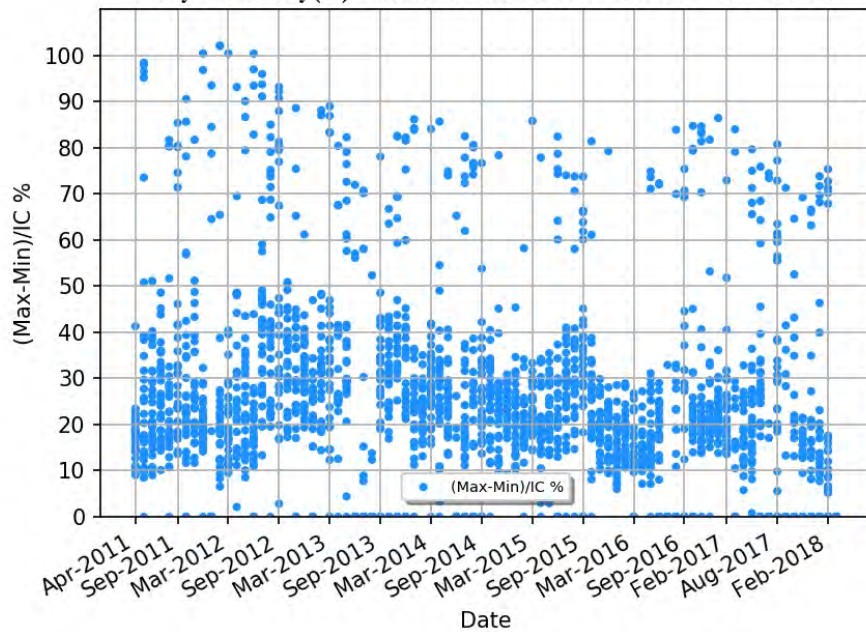
Daily Max Generation : KHAPARKHEDA TPS UNIT - 1 210 MW



Daily Min Generation : KHAPARKHEDA TPS UNIT - 1 210 MW



Daily Flexibility(%) : KHAPARKHEDA TPS UNIT - 1 210 MW

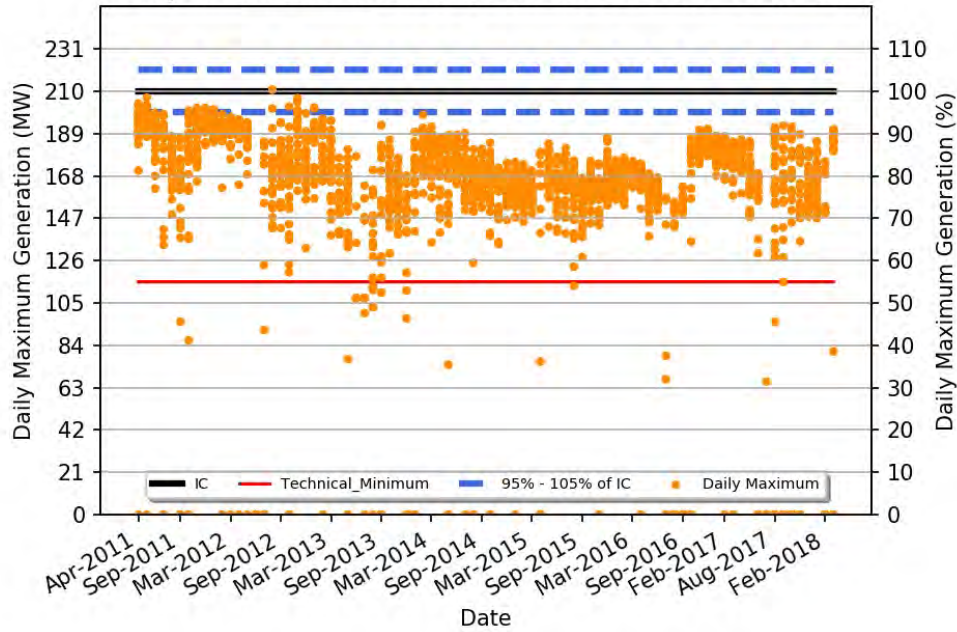


### KHAPARKHEDA TPS UNIT - 1 210 MW

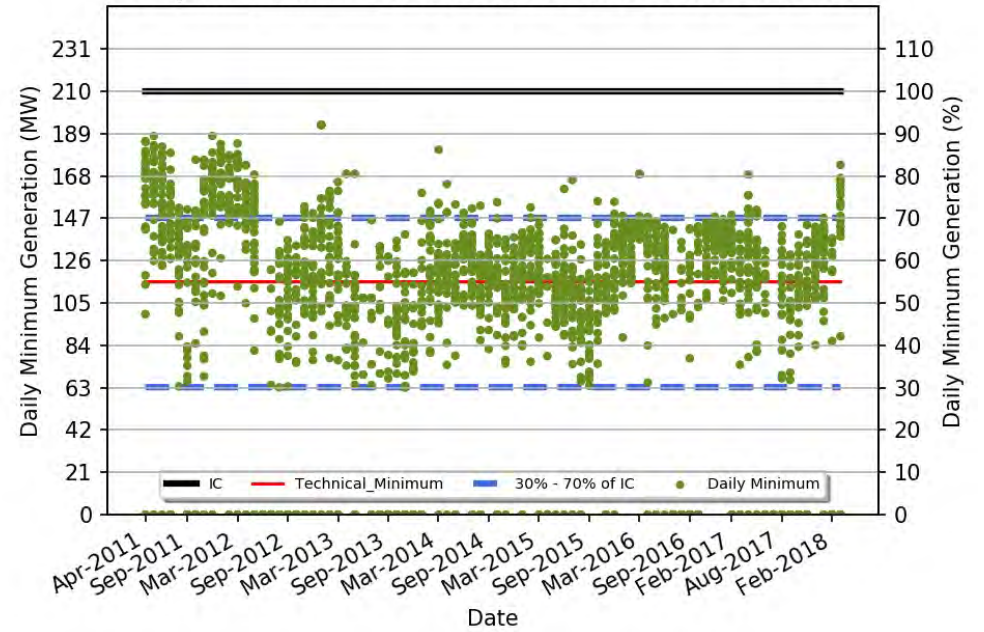
Region	: Western Region
Number of Days Considered	: 2106
No. Of Days Max Generation Achieved	: 13 (%)
(% of total days in operation)	
No. Of Days Min Generation Achieved	: 74 (%)
(% of total days in operation)	
Average Flexibility	: 27 (%)
Average Daily Max (MW)	: 172
Daily Average (MW)	: 150
Average Daily Min (MW)	: 114
Average Daily Max/ IC (%)	: 82
Daily Average/IC (%)	: 71
Average Daily Min/IC (%)	: 54
Variable Charge (Paisa/kWh)	: 273



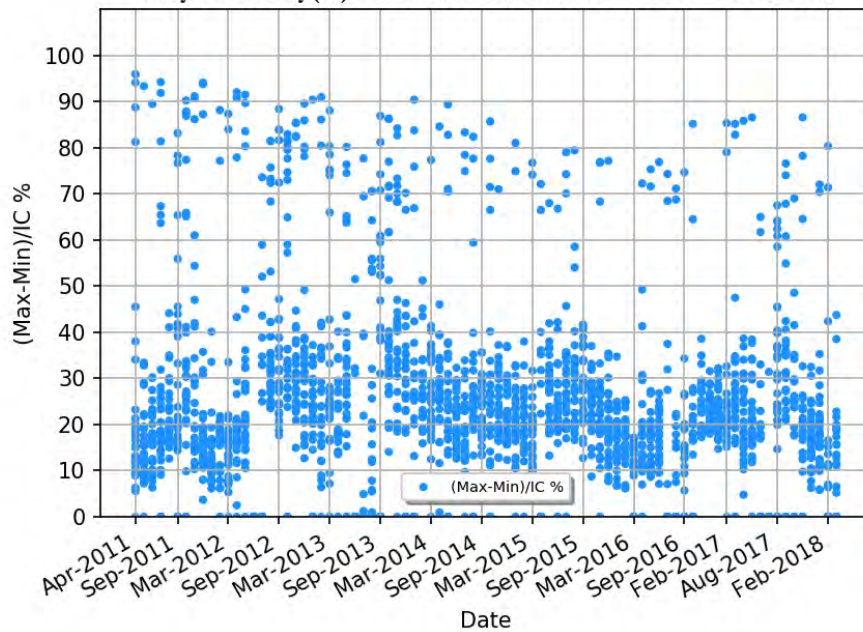
Daily Max Generation : KHAPARKHEDA TPS UNIT - 2 210 MW



Daily Min Generation : KHAPARKHEDA TPS UNIT - 2 210 MW



Daily Flexibility(%) : KHAPARKHEDA TPS UNIT - 2 210 MW

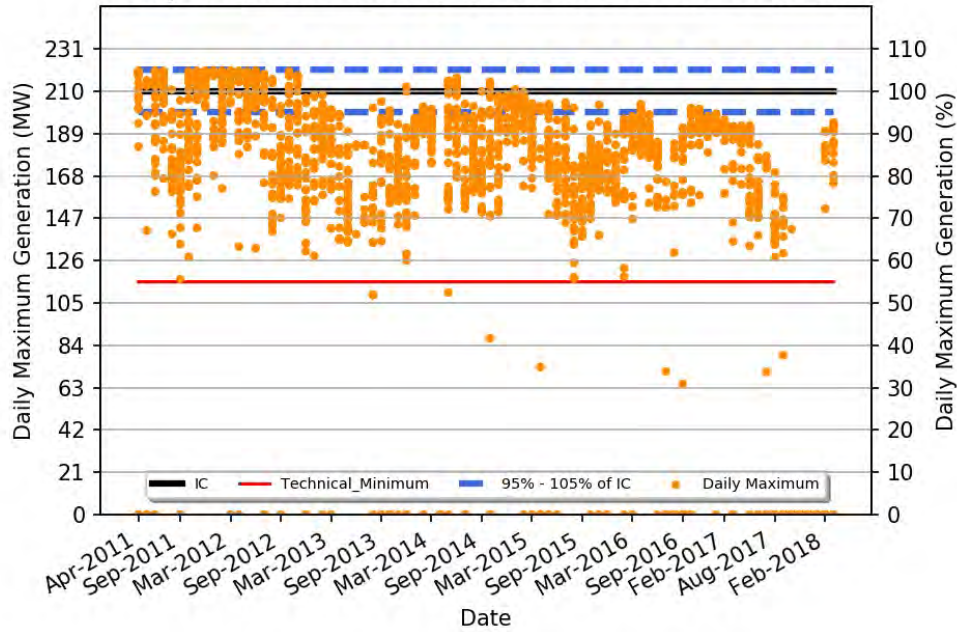


**KHAPARKHEDA TPS UNIT - 2 210 MW**

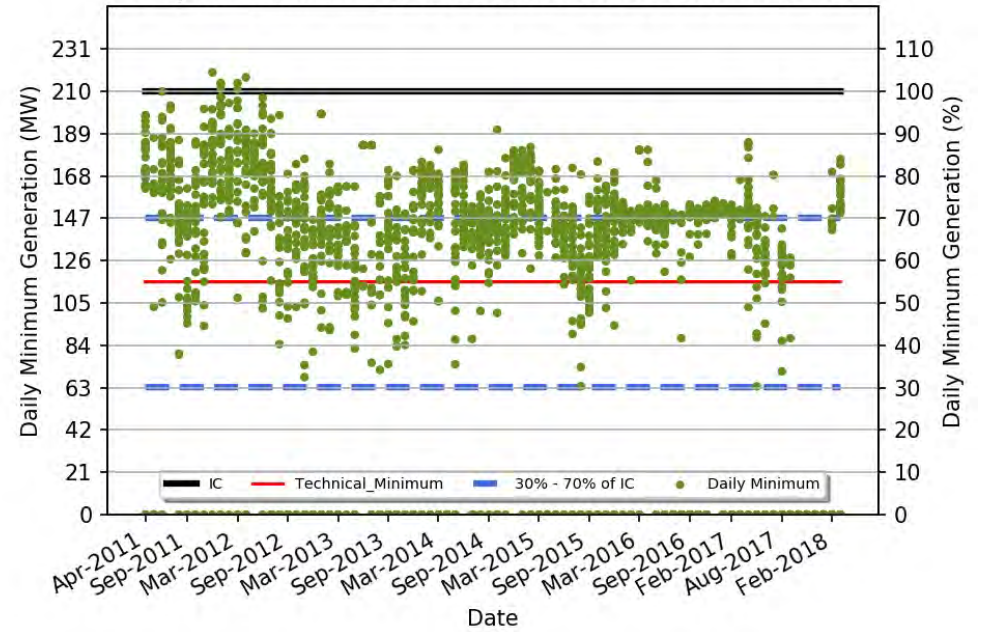
<b>Region</b>	<b>: Western Region</b>
<b>Number of Days Considered</b>	<b>: 2170</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 1 (%)</b>
(% of total days in operation)	
<b>No. Of Days Min Generation Achieved</b>	<b>: 77 (%)</b>
(% of total days in operation)	
<b>Average Flexibility</b>	<b>: 26 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 169</b>
<b>Daily Average (MW)</b>	<b>: 148</b>
<b>Average Daily Min (MW)</b>	<b>: 114</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 80</b>
<b>Daily Average/IC (%)</b>	<b>: 70</b>
<b>Average Daily Min/IC (%)</b>	<b>: 54</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 273</b>



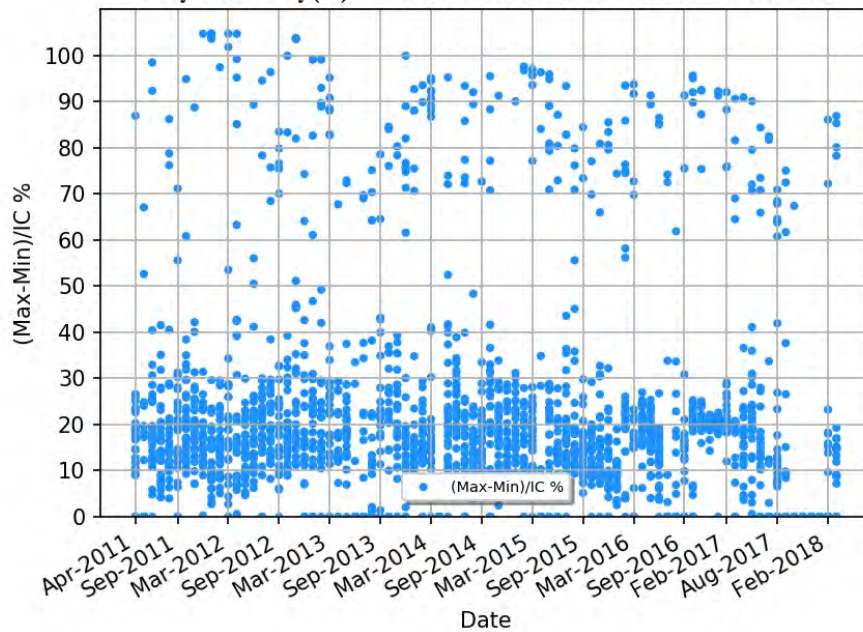
Daily Max Generation : KHAPARKHEDA TPS UNIT - 3 210 MW



Daily Min Generation : KHAPARKHEDA TPS UNIT - 3 210 MW



Daily Flexibility(%) : KHAPARKHEDA TPS UNIT - 3 210 MW

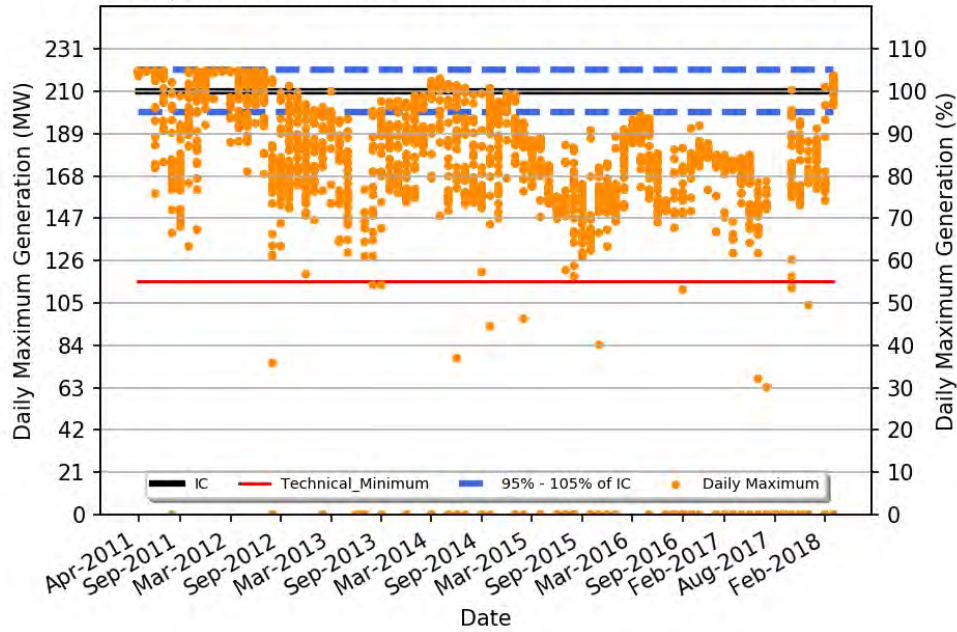


### KHAPARKHEDA TPS UNIT - 3 210 MW

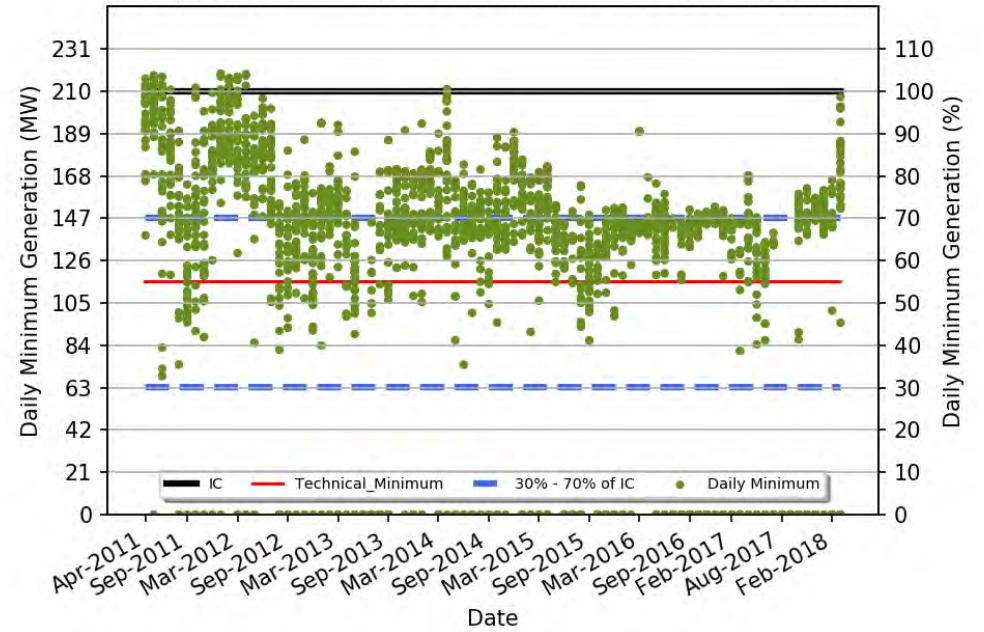
Region	: Western Region
Number of Days Considered	: 2055
No. Of Days Max Generation Achieved	: 22 (%)
(% of total days in operation)	
No. Of Days Min Generation Achieved	: 39 (%)
(% of total days in operation)	
Average Flexibility	: 22 (%)
Average Daily Max (MW)	: 184
Daily Average (MW)	: 163
Average Daily Min (MW)	: 136
Average Daily Max/ IC (%)	: 87
Daily Average/IC (%)	: 77
Average Daily Min/IC (%)	: 64
Variable Charge (Paisa/kWh)	: 273



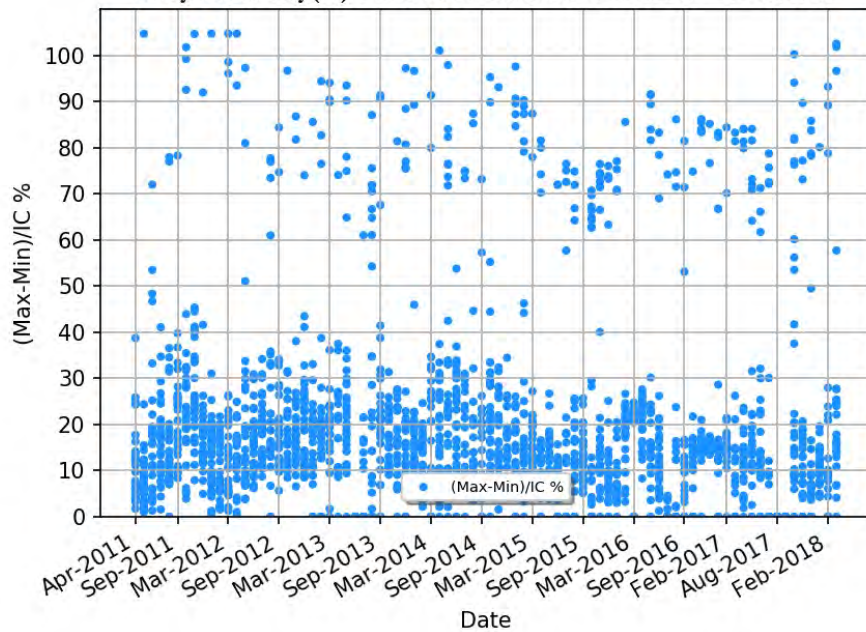
Daily Max Generation : KHAPARKHEDA TPS UNIT - 4 210 MW



Daily Min Generation : KHAPARKHEDA TPS UNIT - 4 210 MW



Daily Flexibility(%) : KHAPARKHEDA TPS UNIT - 4 210 MW

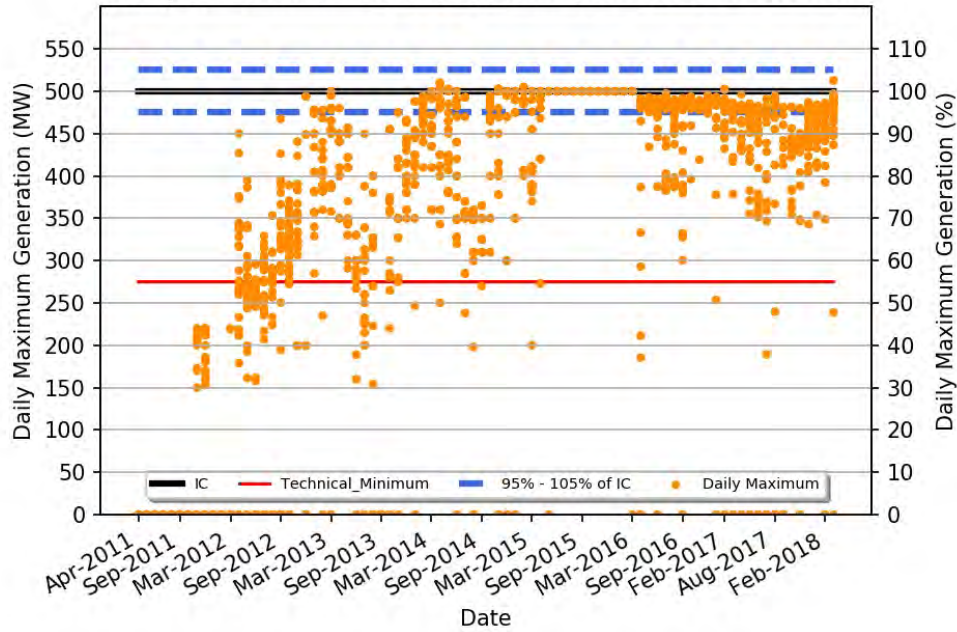


### KHAPARKHEDA TPS UNIT - 4 210 MW

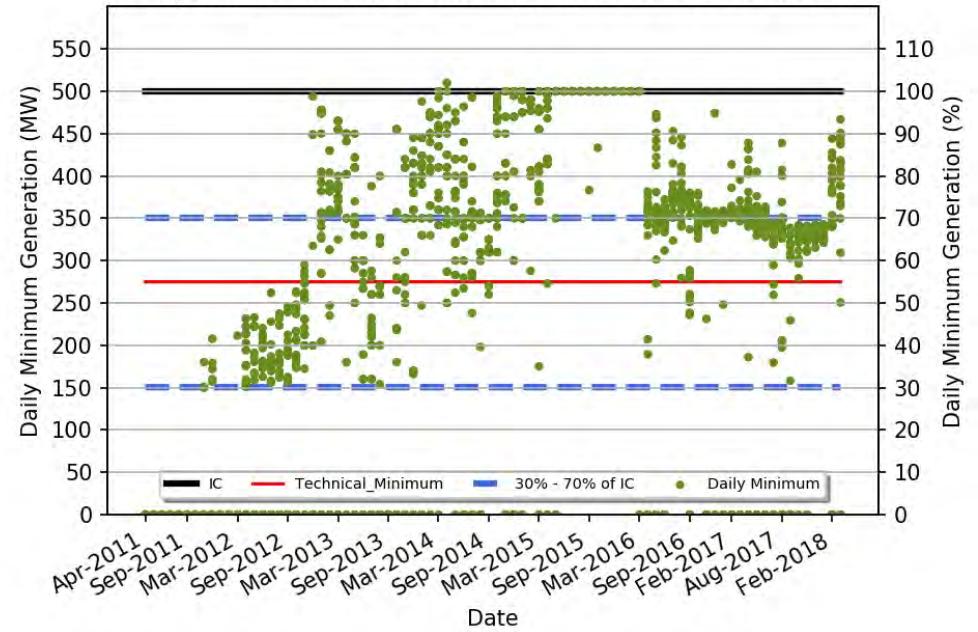
Region	: Western Region
Number of Days Considered	: 2126
No. Of Days Max Generation Achieved	: 27 (%)
(% of total days in operation)	
No. Of Days Min Generation Achieved	: 45 (%)
(% of total days in operation)	
Average Flexibility	: 20 (%)
Average Daily Max (MW)	: 183
Daily Average (MW)	: 165
Average Daily Min (MW)	: 140
Average Daily Max/ IC (%)	: 87
Daily Average/IC (%)	: 78
Average Daily Min/IC (%)	: 66
Variable Charge (Paisa/kWh)	: 273



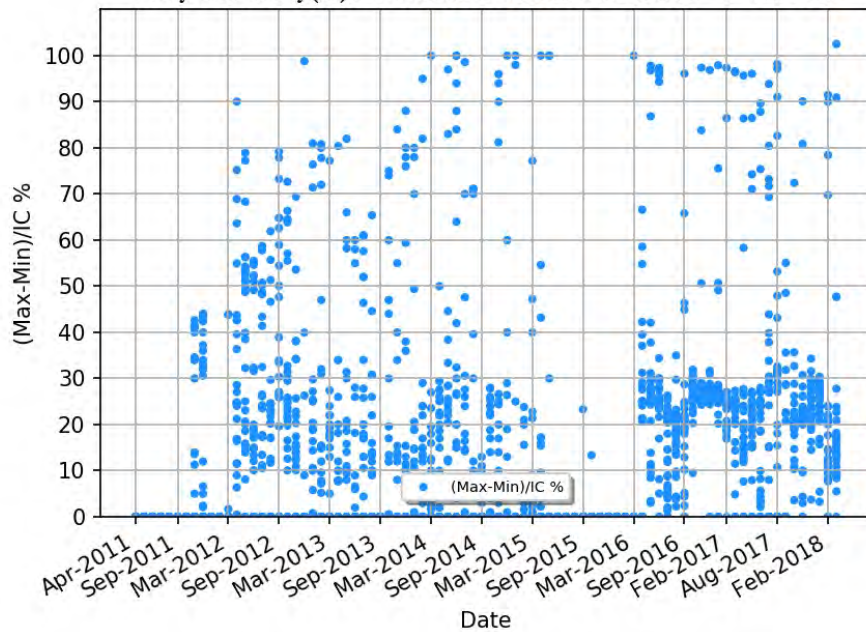
Daily Max Generation : KHAPARKHEDA TPS UNIT - 5 500 MW



Daily Min Generation : KHAPARKHEDA TPS UNIT - 5 500 MW



Daily Flexibility(%) : KHAPARKHEDA TPS UNIT - 5 500 MW

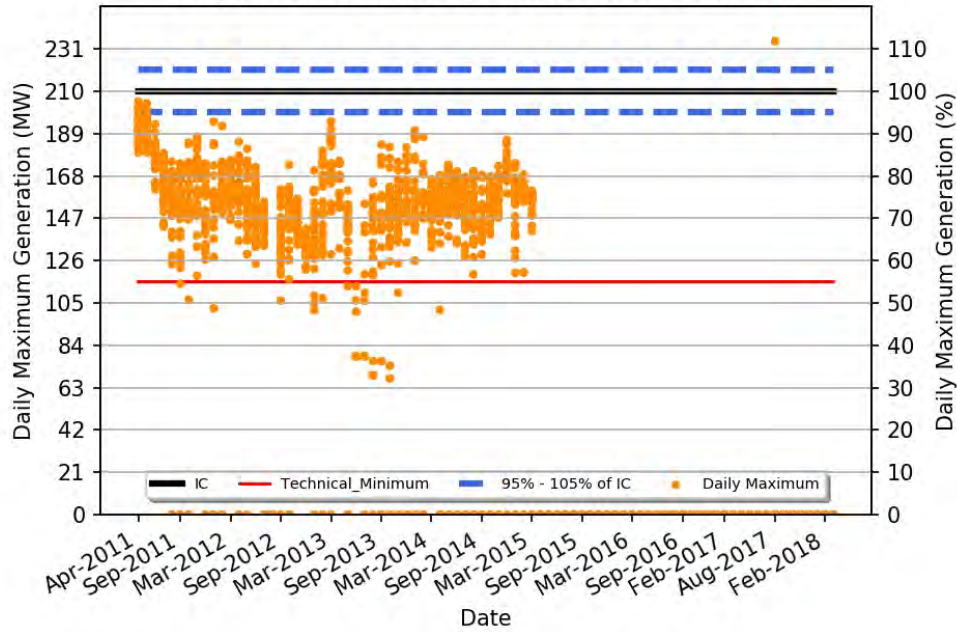


### KHAPARKHEDA TPS UNIT - 5 500 MW

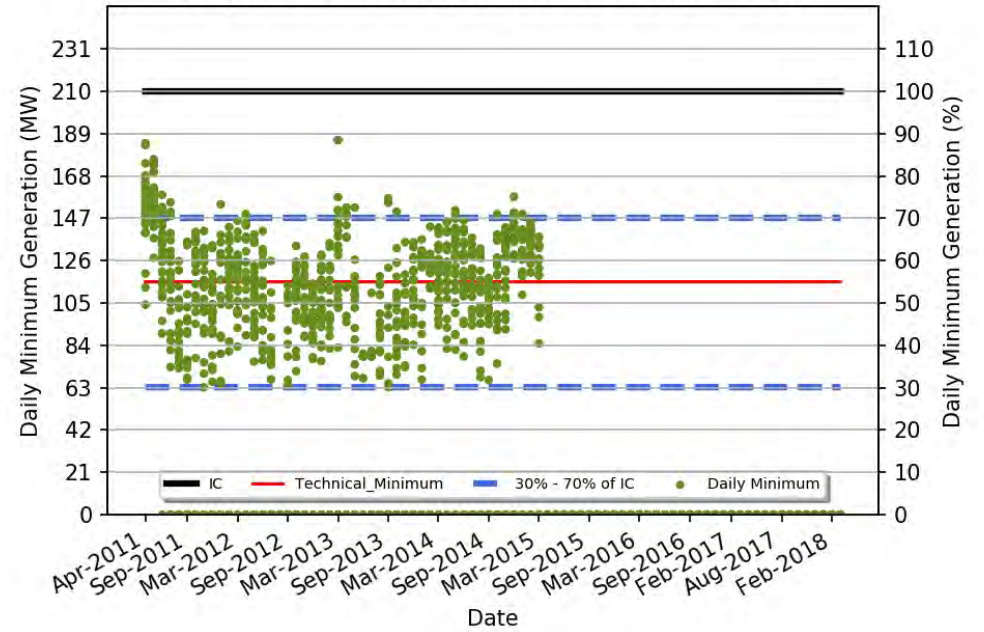
Region	: Western Region
Number of Days Considered	: 1899
No. Of Days Max Generation Achieved	: 47 (%)
(% of total days in operation)	
No. Of Days Min Generation Achieved	: 32 (%)
(% of total days in operation)	
Average Flexibility	: 16 (%)
Average Daily Max (MW)	: 433
Daily Average (MW)	: 400
Average Daily Min (MW)	: 353
Average Daily Max/ IC (%)	: 86
Daily Average/IC (%)	: 80
Average Daily Min/IC (%)	: 70
Variable Charge (Paisa/kWh)	: 235



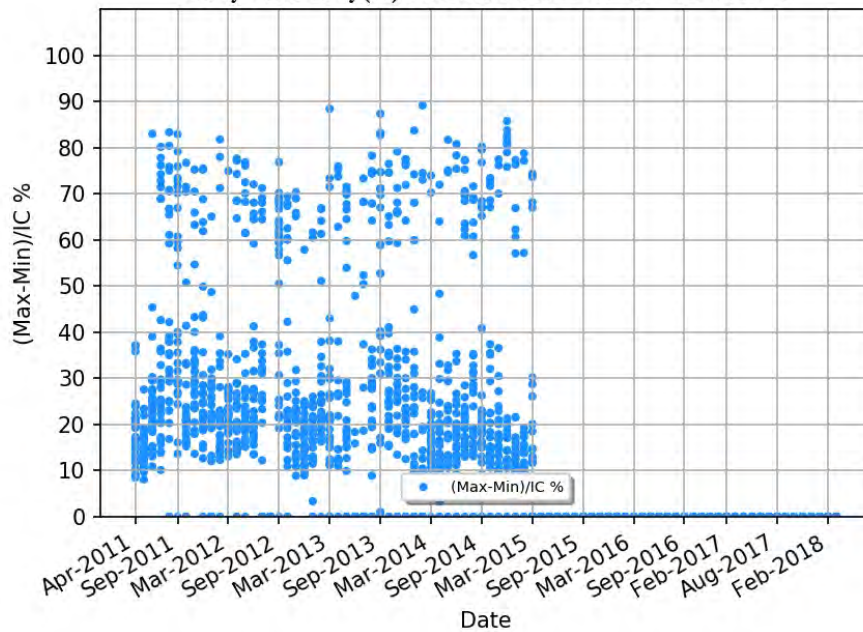
Daily Max Generation : KORADI TPS UNIT - 6 210 MW



Daily Min Generation : KORADI TPS UNIT - 6 210 MW



Daily Flexibility(%) : KORADI TPS UNIT - 6 210 MW

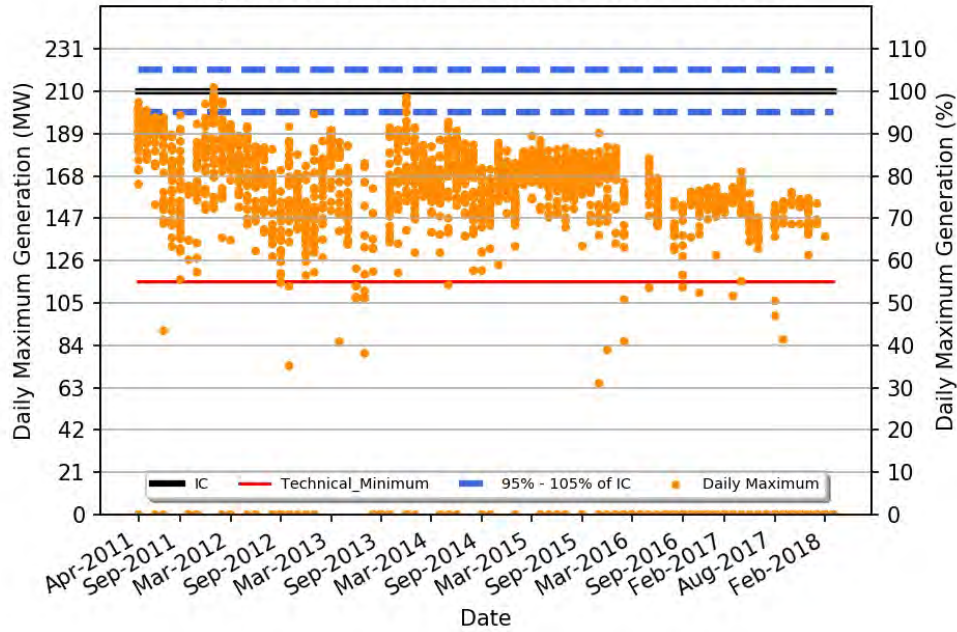


**KORADI TPS UNIT - 6 210 MW**

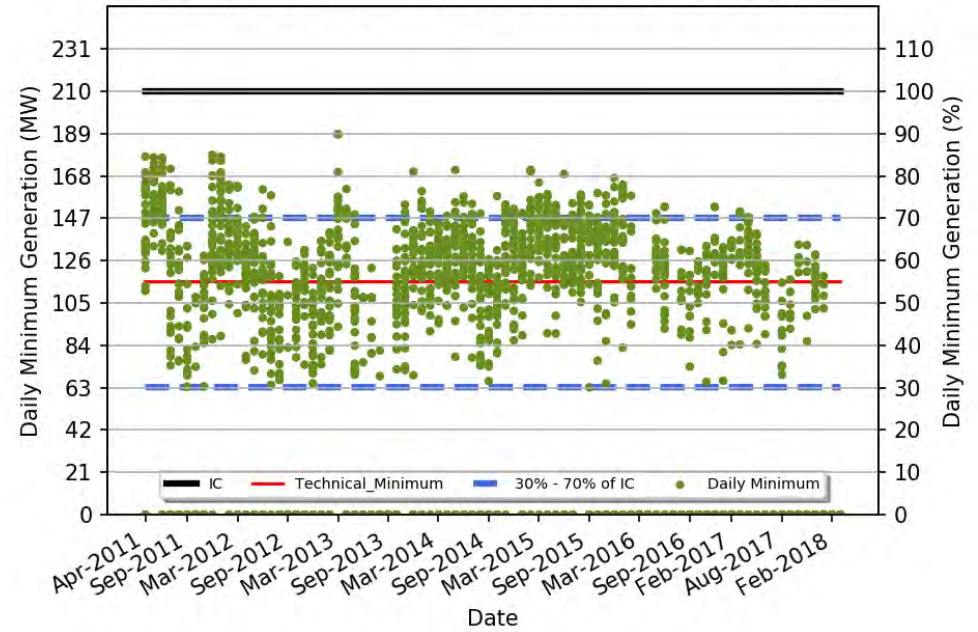
Region	: Western Region
Number of Days Considered	: 1234
No. Of Days Max Generation Achieved	: 0 (%)
(% of total days in operation)	
No. Of Days Min Generation Achieved	: 76 (%)
(% of total days in operation)	
Average Flexibility	: 27 (%)
Average Daily Max (MW)	: 154
Daily Average (MW)	: 132
Average Daily Min (MW)	: 96
Average Daily Max/ IC (%)	: 73
Daily Average/IC (%)	: 63
Average Daily Min/IC (%)	: 45
Variable Charge (Paisa/kWh)	: 217



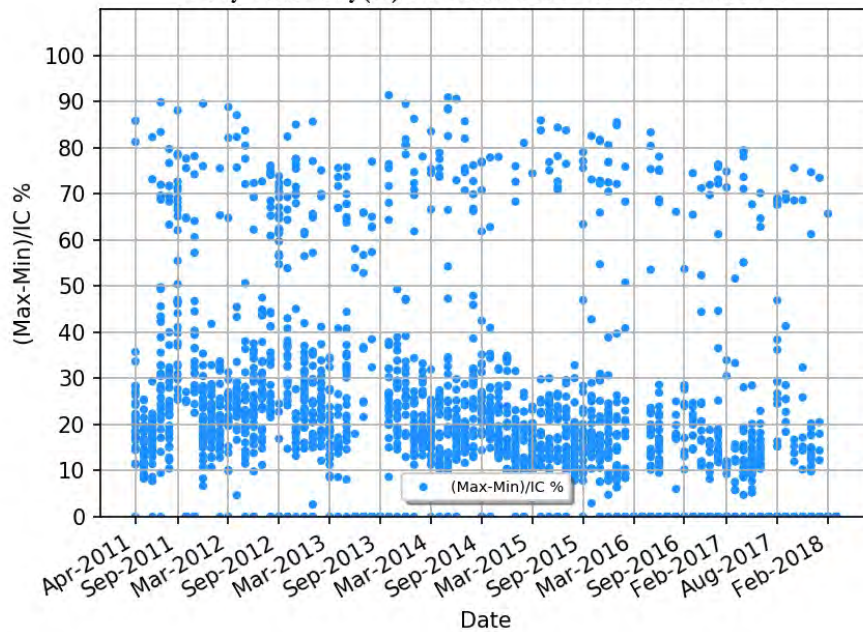
Daily Max Generation : KORADI TPS UNIT - 7 210 MW



Daily Min Generation : KORADI TPS UNIT - 7 210 MW



Daily Flexibility(%) : KORADI TPS UNIT - 7 210 MW

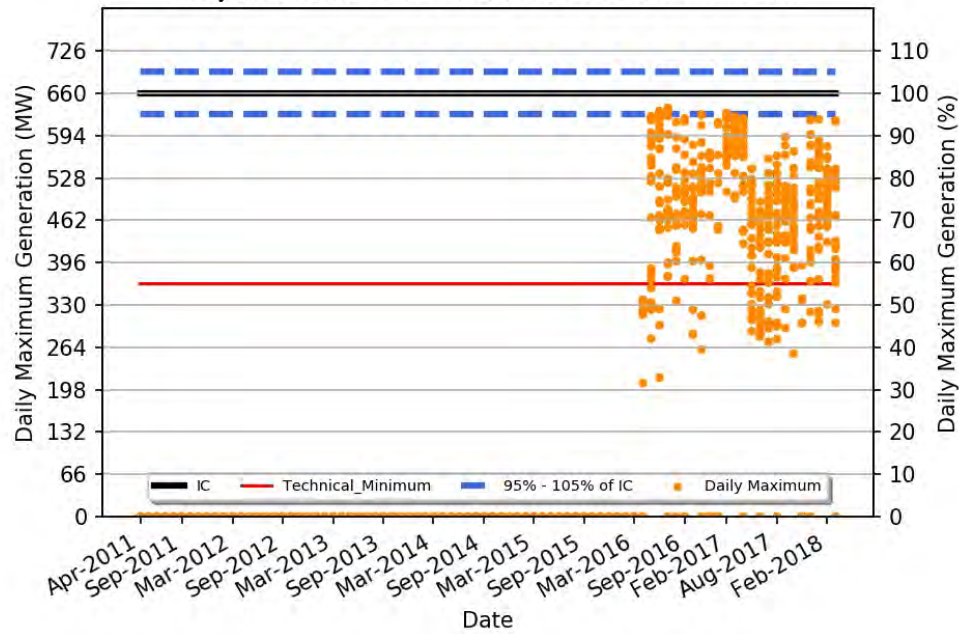


**KORADI TPS UNIT - 7 210 MW**

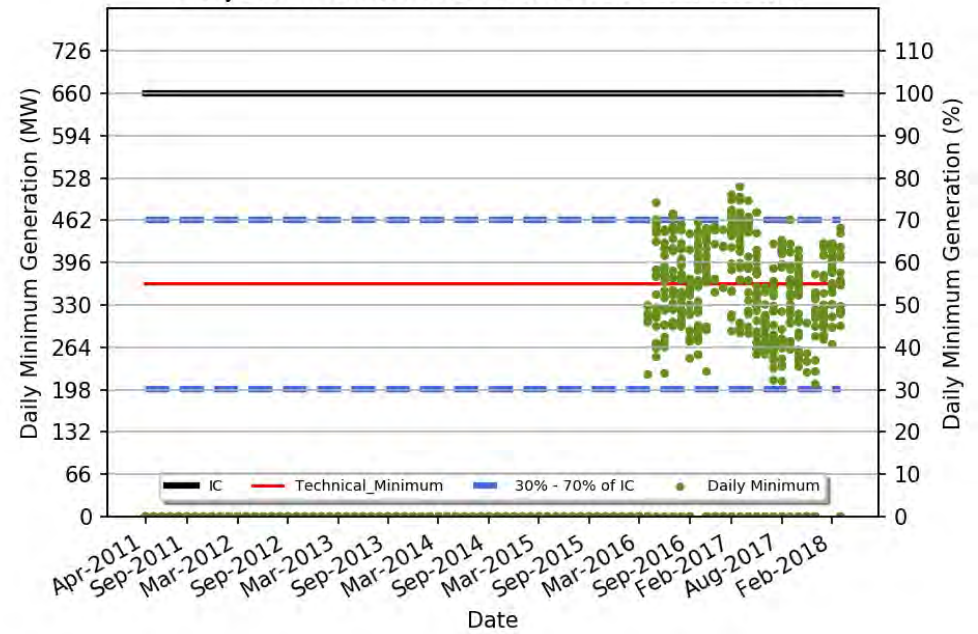
<b>Region</b>	<b>: Western Region</b>
<b>Number of Days Considered</b>	<b>: 1815</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 1 (%)</b>
(% of total days in operation)	
<b>No. Of Days Min Generation Achieved</b>	<b>: 75 (%)</b>
(% of total days in operation)	
<b>Average Flexibility</b>	<b>: 25 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 163</b>
<b>Daily Average (MW)</b>	<b>: 144</b>
<b>Average Daily Min (MW)</b>	<b>: 110</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 78</b>
<b>Daily Average/IC (%)</b>	<b>: 68</b>
<b>Average Daily Min/IC (%)</b>	<b>: 52</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 226</b>



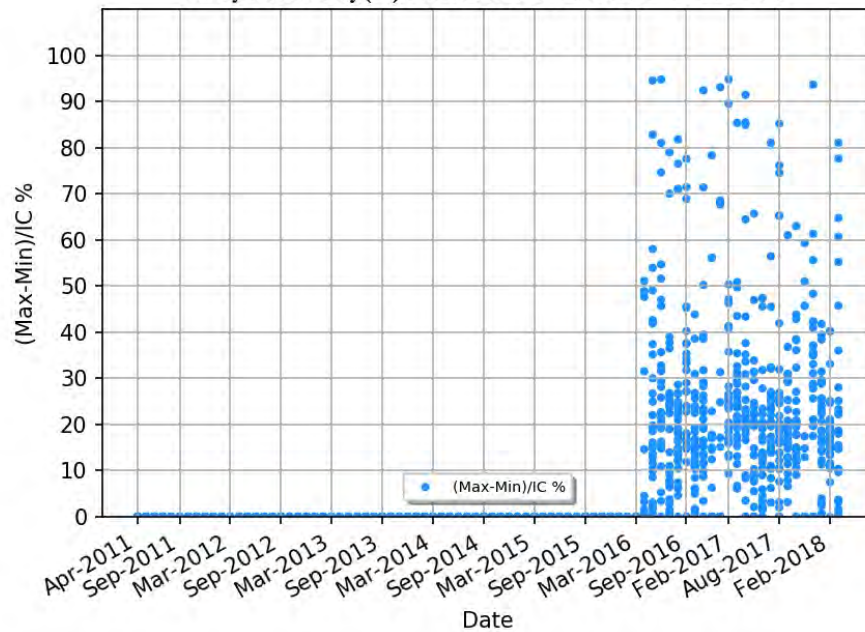
Daily Max Generation : KORADI TPS UNIT - 8 660 MW



Daily Min Generation : KORADI TPS UNIT - 8 660 MW



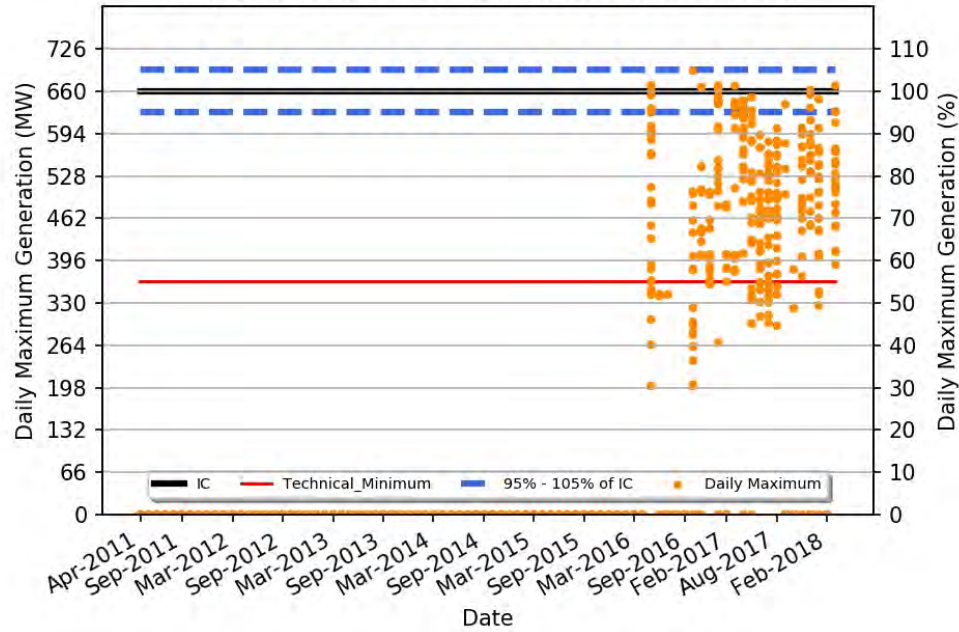
Daily Flexibility(%): KORADI TPS UNIT - 8 660 MW



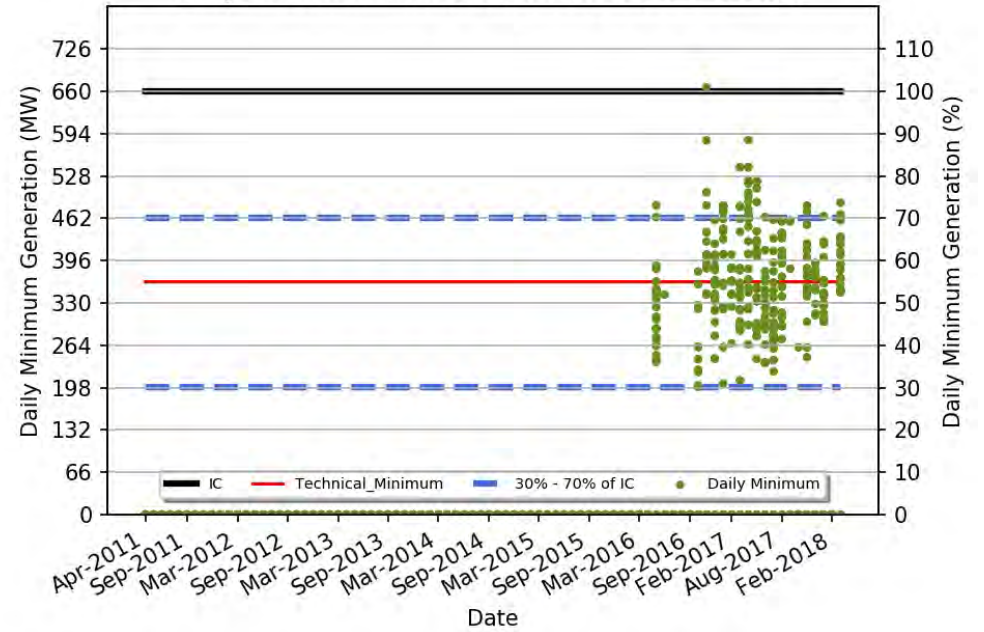
**KORADI TPS UNIT - 8 660 MW**

<b>Region</b>	<b>: Western Region</b>
<b>Number of Days Considered</b>	<b>: 588</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 1 (%)</b>
<i>(% of total days in operation)</i>	
<b>No. Of Days Min Generation Achieved</b>	<b>: 86 (%)</b>
<i>(% of total days in operation)</i>	
<b>Average Flexibility</b>	<b>: 23 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 486</b>
<b>Daily Average (MW)</b>	<b>: 419</b>
<b>Average Daily Min (MW)</b>	<b>: 330</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 73</b>
<b>Daily Average/IC (%)</b>	<b>: 63</b>
<b>Average Daily Min/IC (%)</b>	<b>: 50</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 226</b>

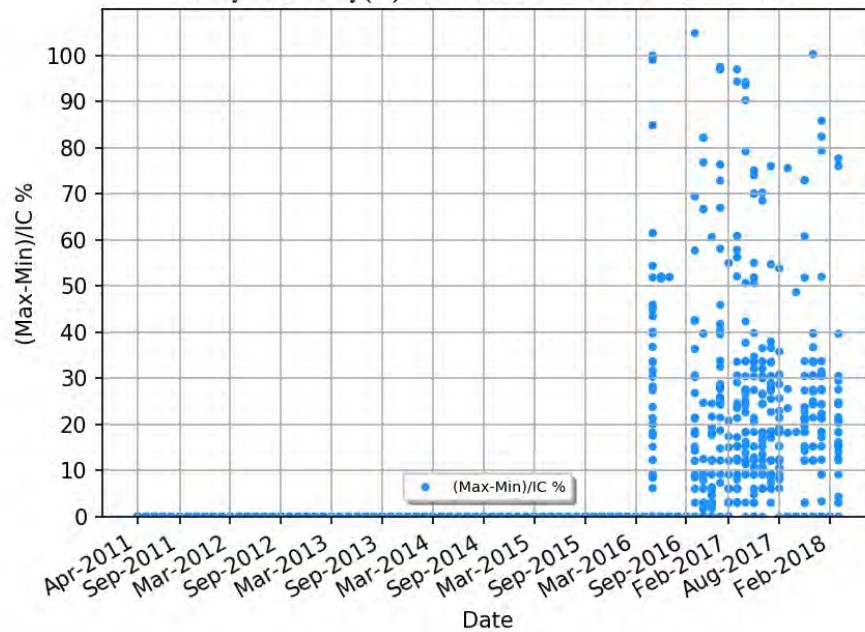
Daily Max Generation : KORADI TPS UNIT - 9 660 MW



Daily Min Generation : KORADI TPS UNIT - 9 660 MW



Daily Flexibility(%): KORADI TPS UNIT - 9 660 MW

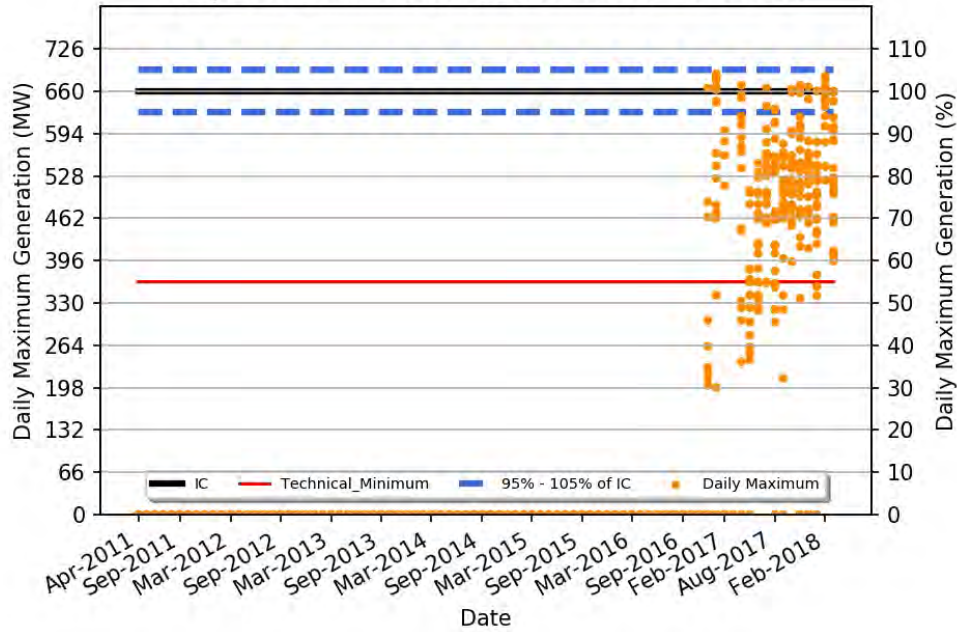


**KORADI TPS UNIT - 9 660 MW**

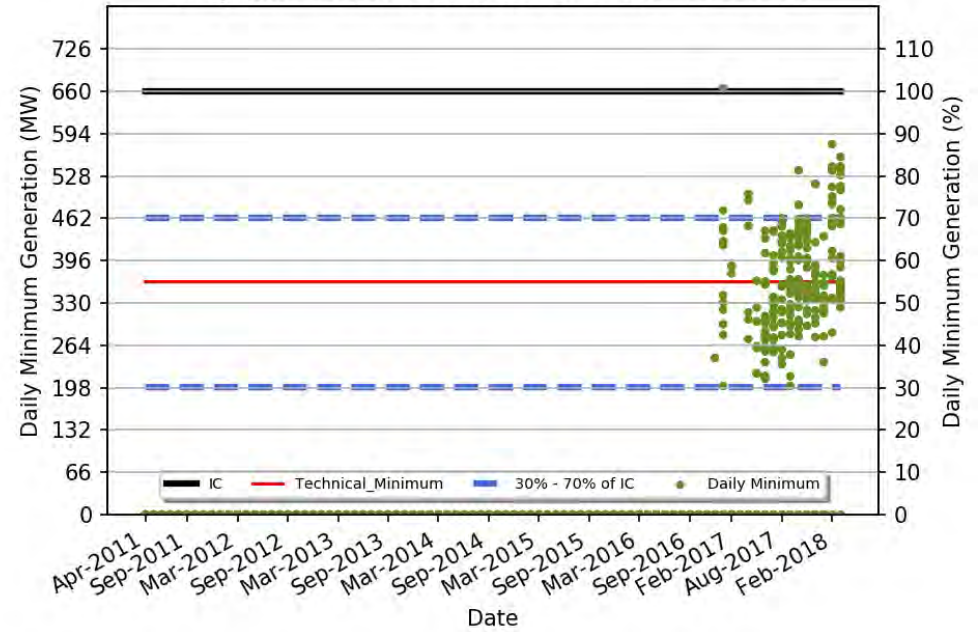
<b>Region</b>	<b>: Western Region</b>
<b>Number of Days Considered</b>	<b>: 436</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 11 (%)</b>
<i>(% of total days in operation)</i>	
<b>No. Of Days Min Generation Achieved</b>	<b>: 80 (%)</b>
<i>(% of total days in operation)</i>	
<b>Average Flexibility</b>	<b>: 23 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 484</b>
<b>Daily Average (MW)</b>	<b>: 416</b>
<b>Average Daily Min (MW)</b>	<b>: 326</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 73</b>
<b>Daily Average/IC (%)</b>	<b>: 63</b>
<b>Average Daily Min/IC (%)</b>	<b>: 49</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 217</b>



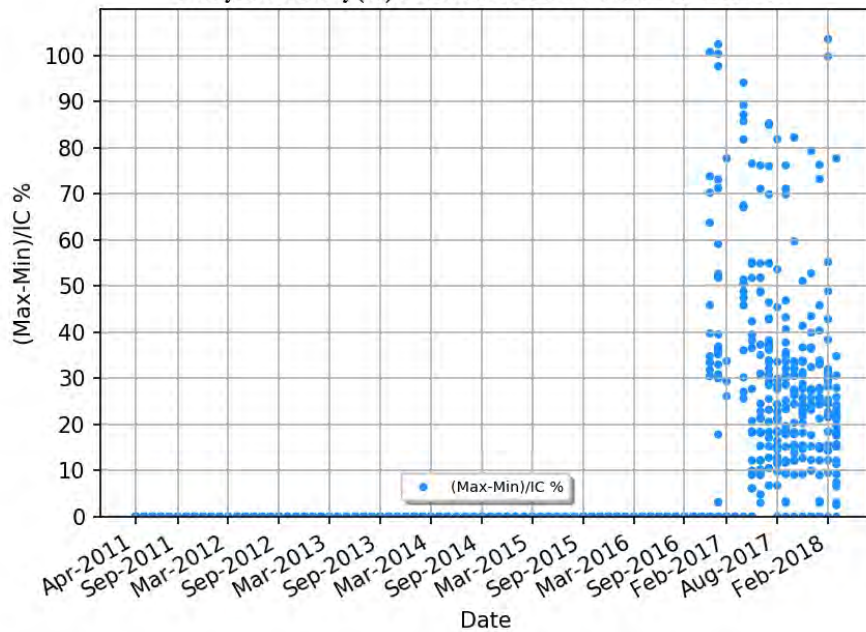
Daily Max Generation : KORADI TPS UNIT - 10 660 MW



Daily Min Generation : KORADI TPS UNIT - 10 660 MW

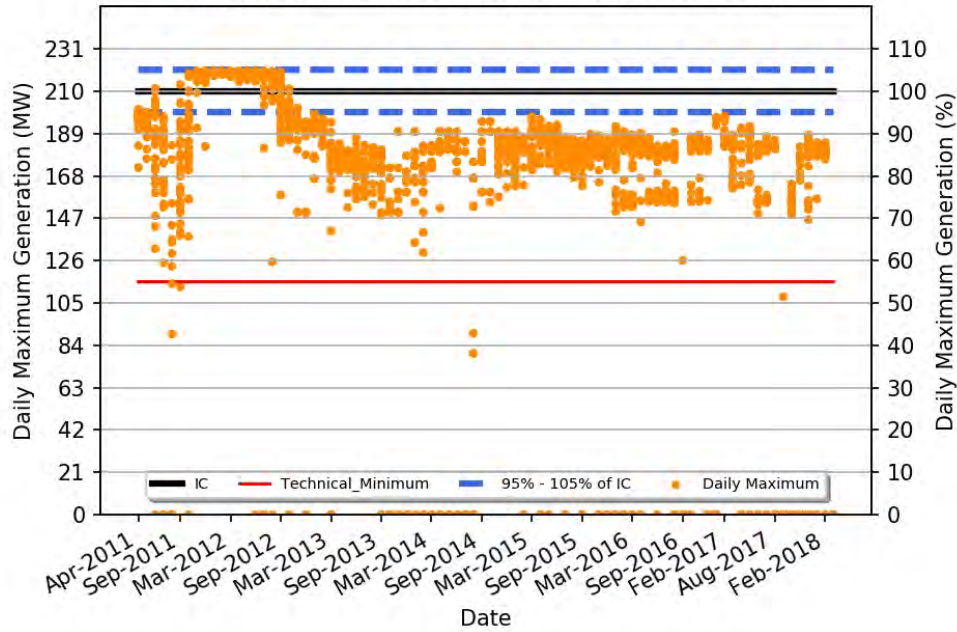


Daily Flexibility(%) : KORADI TPS UNIT - 10 660 MW

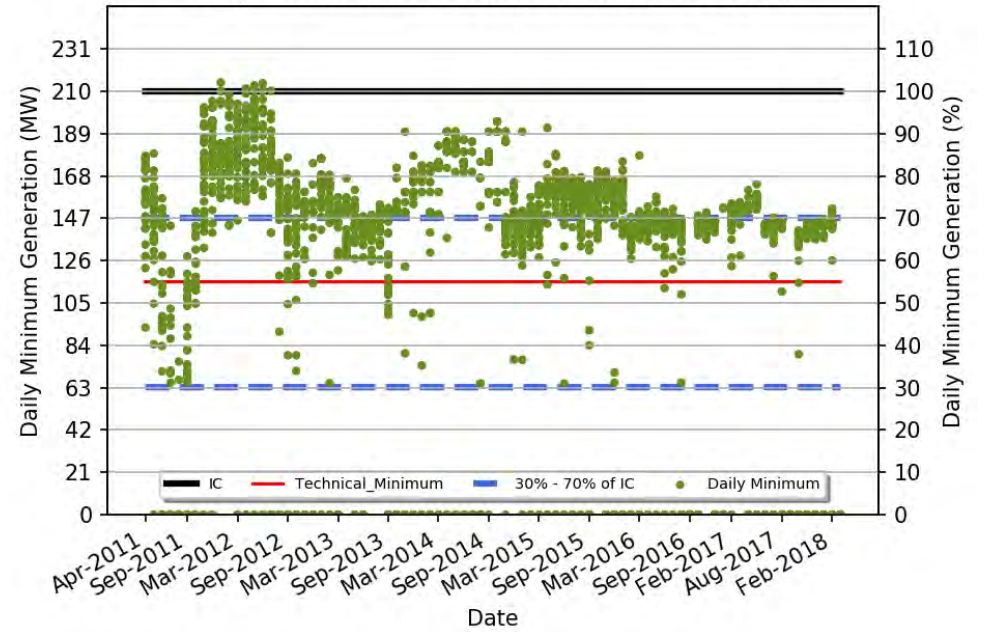


KORADI TPS UNIT - 10 660 MW	
Region	: Western Region
Number of Days Considered	: 321
No. Of Days Max Generation Achieved	: 17 (%)
(% of total days in operation)	
No. Of Days Min Generation Achieved	: 78 (%)
(% of total days in operation)	
Average Flexibility	: 29 (%)
Average Daily Max (MW)	: 521
Daily Average (MW)	: 440
Average Daily Min (MW)	: 327
Average Daily Max/ IC (%)	: 78
Daily Average/IC (%)	: 66
Average Daily Min/IC (%)	: 49
Variable Charge (Paisa/kWh)	: 217

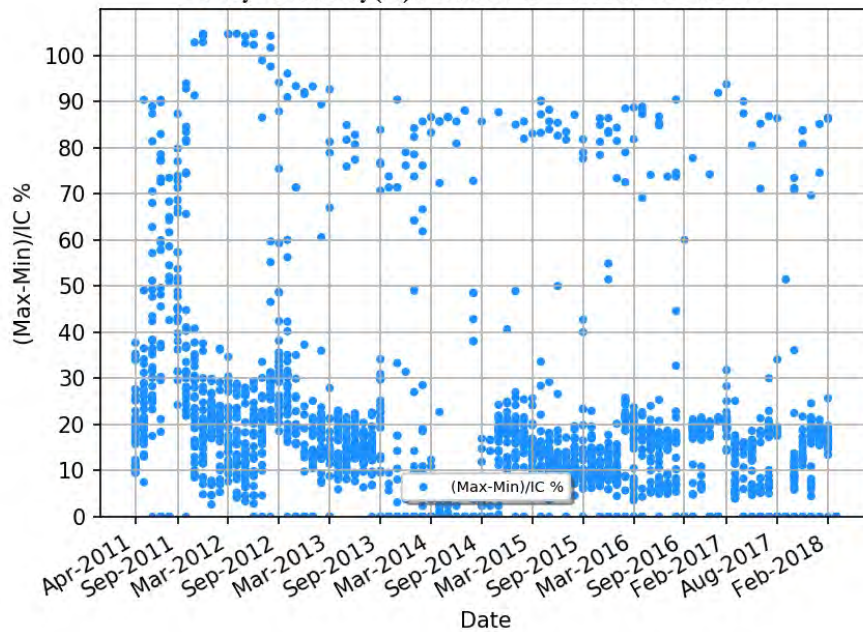
Daily Max Generation : NASIK TPS UNIT - 3 210 MW



Daily Min Generation : NASIK TPS UNIT - 3 210 MW



Daily Flexibility(%) : NASIK TPS UNIT - 3 210 MW

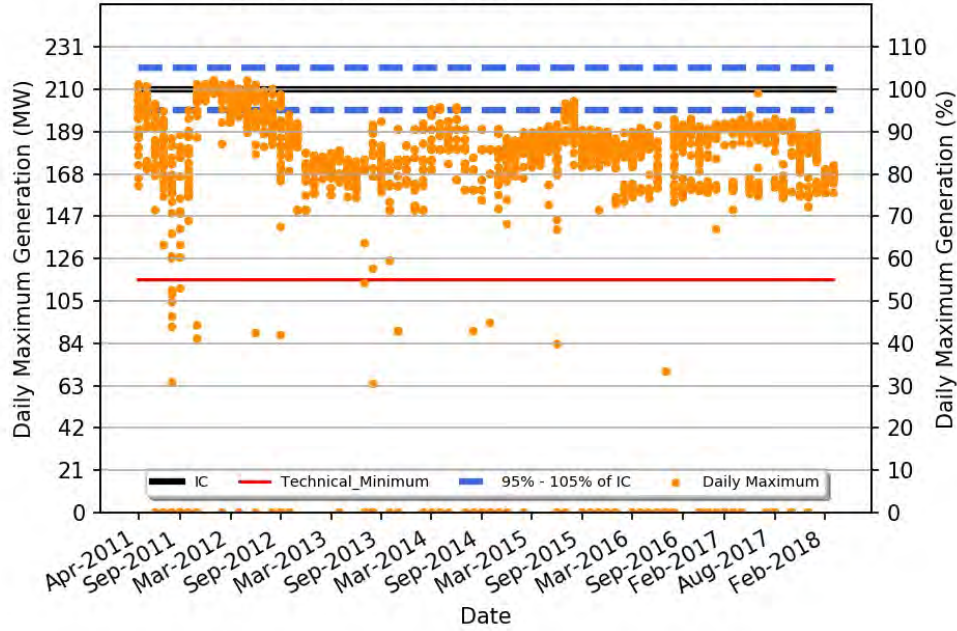


### NASIK TPS UNIT - 3 210 MW

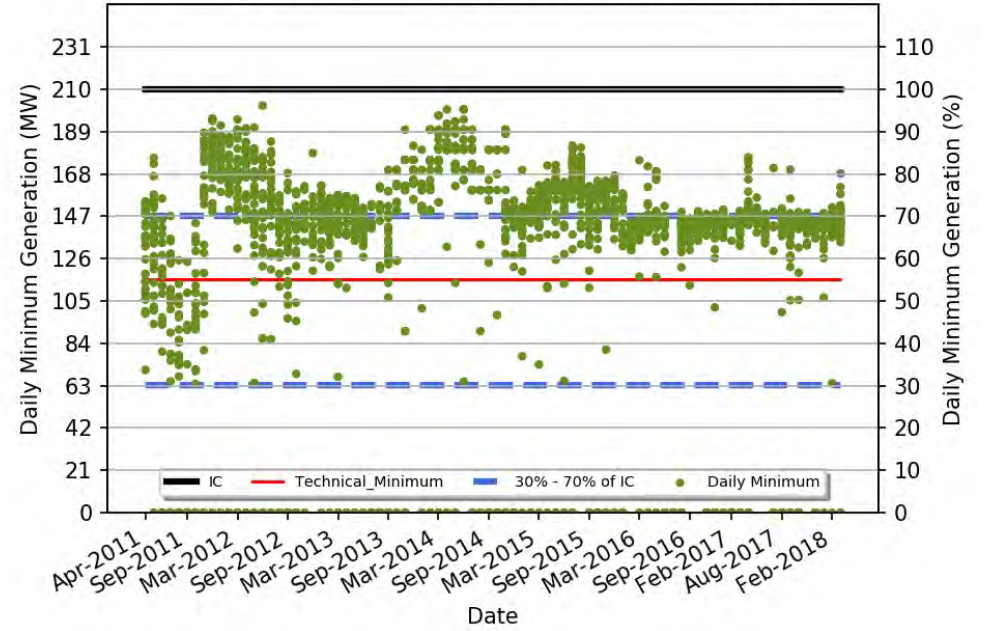
Region	: Western Region
Number of Days Considered	: 2112
No. Of Days Max Generation Achieved	: 16 (%)
(% of total days in operation)	
No. Of Days Min Generation Achieved	: 36 (%)
(% of total days in operation)	
Average Flexibility	: 19 (%)
Average Daily Max (MW)	: 183
Daily Average (MW)	: 167
Average Daily Min (MW)	: 142
Average Daily Max/ IC (%)	: 87
Daily Average/IC (%)	: 79
Average Daily Min/IC (%)	: 67
Variable Charge (Paisa/kWh)	: 327



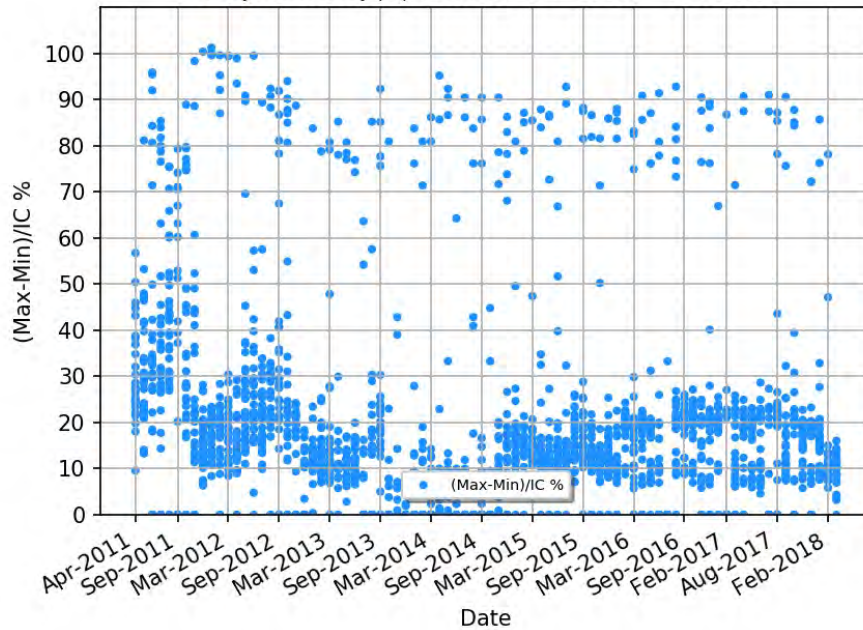
Daily Max Generation : NASIK TPS UNIT - 4 210 MW



Daily Min Generation : NASIK TPS UNIT - 4 210 MW



Daily Flexibility(%) : NASIK TPS UNIT - 4 210 MW

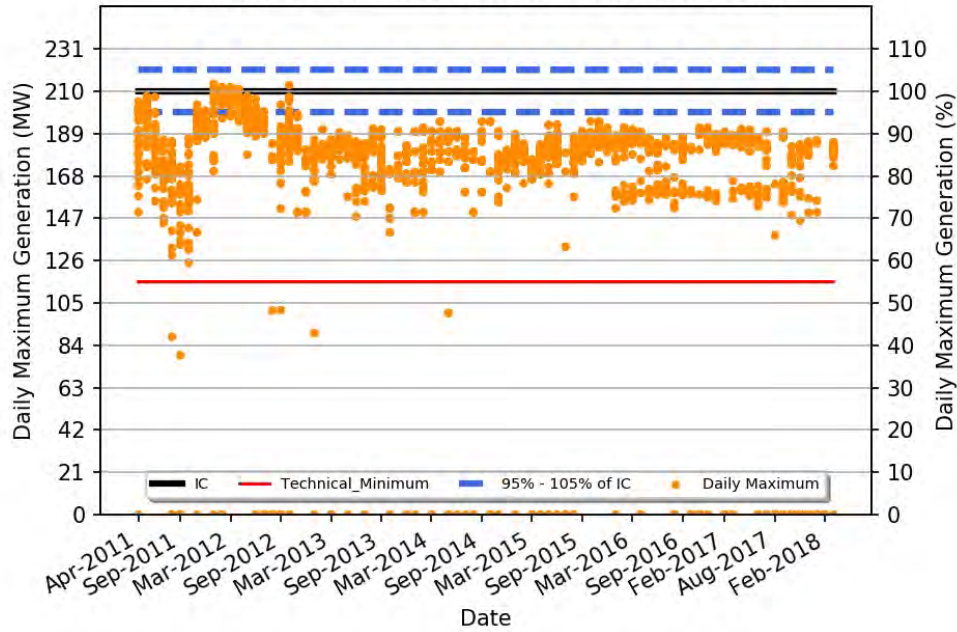


### NASIK TPS UNIT - 4 210 MW

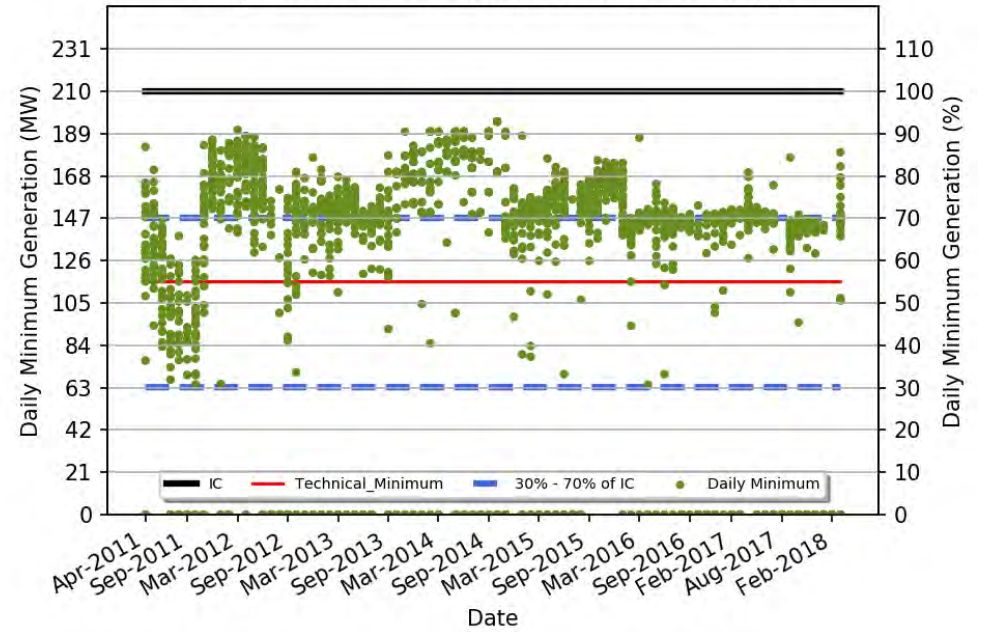
Region	: Western Region
Number of Days Considered	: 2195
No. Of Days Max Generation Achieved	: 12 (%)
(% of total days in operation)	
No. Of Days Min Generation Achieved	: 43 (%)
(% of total days in operation)	
Average Flexibility	: 19 (%)
Average Daily Max (MW)	: 181
Daily Average (MW)	: 165
Average Daily Min (MW)	: 140
Average Daily Max/ IC (%)	: 86
Daily Average/IC (%)	: 78
Average Daily Min/IC (%)	: 66
Variable Charge (Paisa/kWh)	: 327



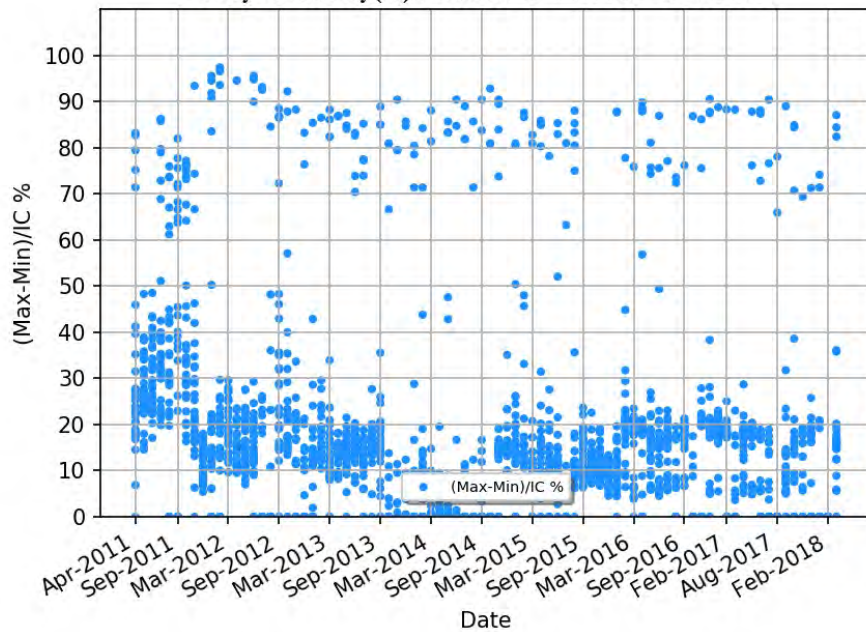
Daily Max Generation : NASIK TPS UNIT - 5 210 MW



Daily Min Generation : NASIK TPS UNIT - 5 210 MW



Daily Flexibility(%) : NASIK TPS UNIT - 5 210 MW

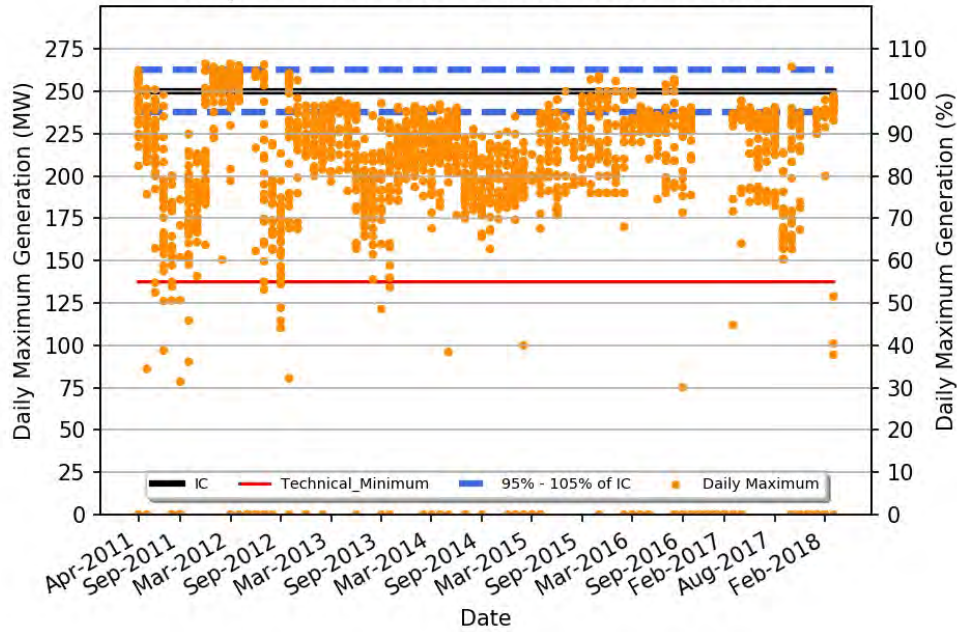


**NASIK TPS UNIT - 5 210 MW**

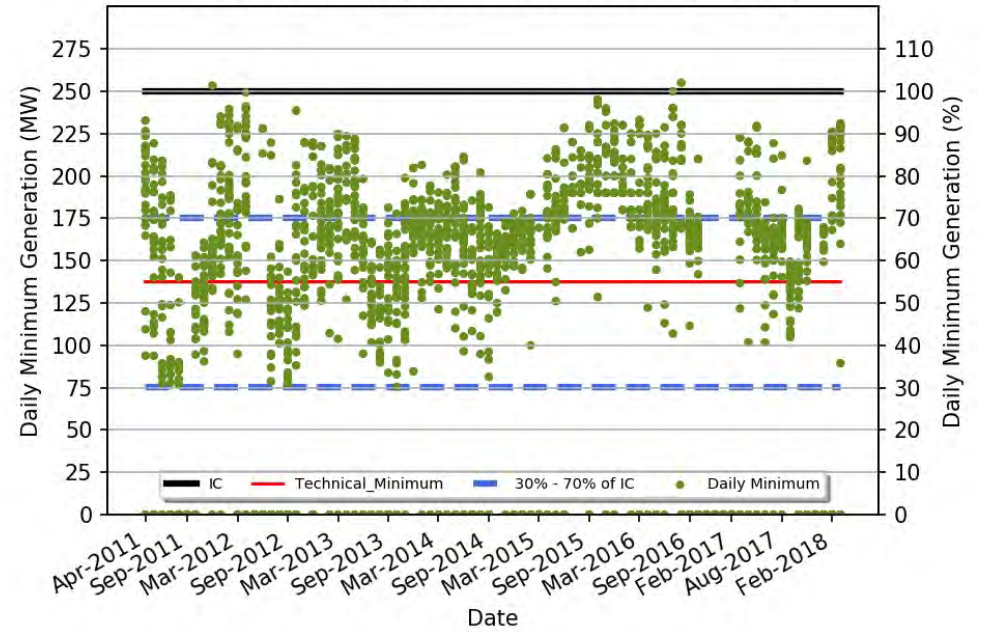
<b>Region</b>	<b>: Western Region</b>
<b>Number of Days Considered</b>	<b>: 2074</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 6 (%)</b>
(% of total days in operation)	
<b>No. Of Days Min Generation Achieved</b>	<b>: 31 (%)</b>
(% of total days in operation)	
<b>Average Flexibility</b>	<b>: 18 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 180</b>
<b>Daily Average (MW)</b>	<b>: 164</b>
<b>Average Daily Min (MW)</b>	<b>: 141</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 85</b>
<b>Daily Average/IC (%)</b>	<b>: 78</b>
<b>Average Daily Min/IC (%)</b>	<b>: 67</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 327</b>



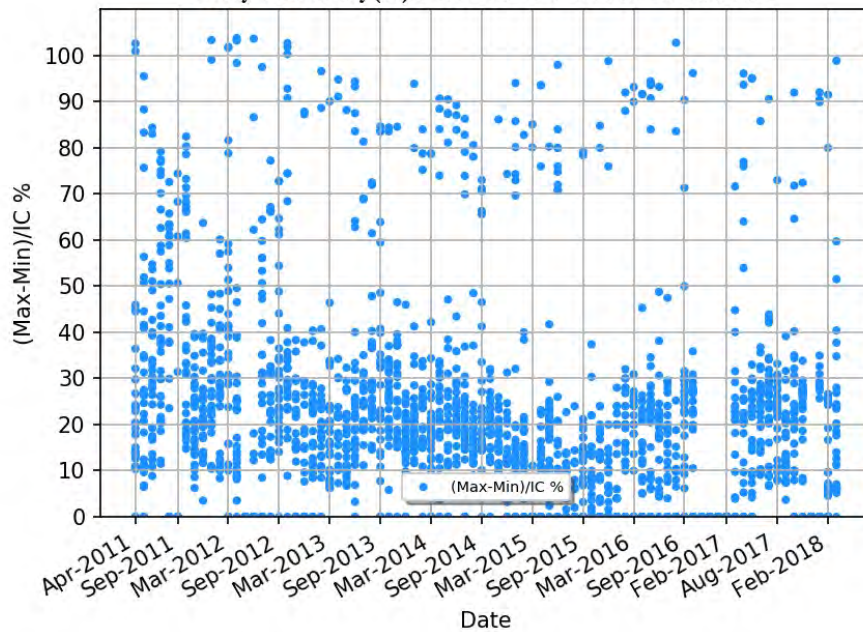
Daily Max Generation : PARAS TPS UNIT - 3 250 MW



Daily Min Generation : PARAS TPS UNIT - 3 250 MW



Daily Flexibility(%) : PARAS TPS UNIT - 3 250 MW

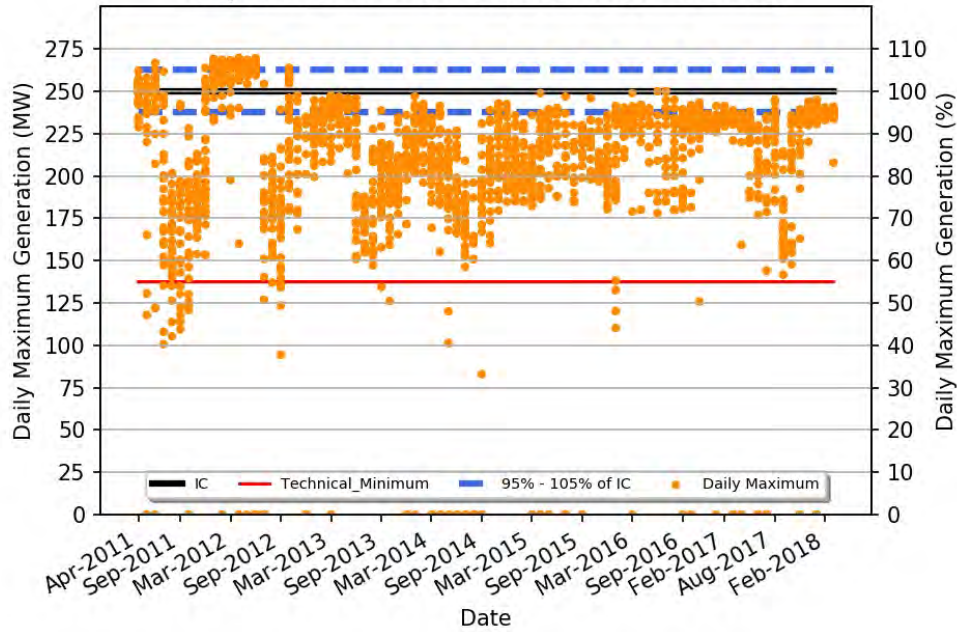


**PARAS TPS UNIT - 3 250 MW**

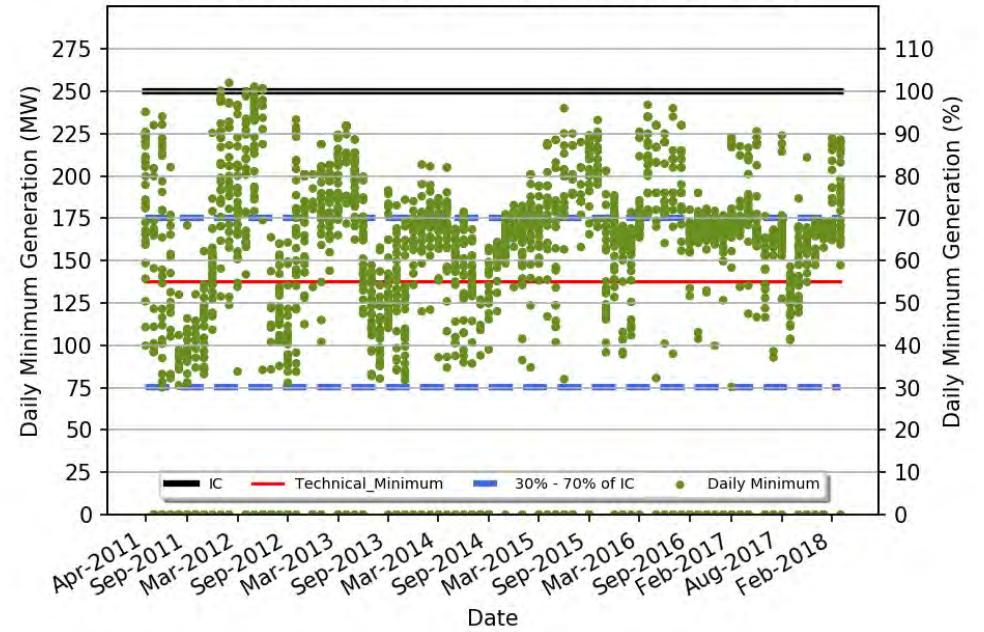
<b>Region</b>	<b>: Western Region</b>
<b>Number of Days Considered</b>	<b>: 2062</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 19 (%)</b>
(% of total days in operation)	
<b>No. Of Days Min Generation Achieved</b>	<b>: 53 (%)</b>
(% of total days in operation)	
<b>Average Flexibility</b>	<b>: 23 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 215</b>
<b>Daily Average (MW)</b>	<b>: 192</b>
<b>Average Daily Min (MW)</b>	<b>: 155</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 86</b>
<b>Daily Average/IC (%)</b>	<b>: 76</b>
<b>Average Daily Min/IC (%)</b>	<b>: 62</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 224</b>



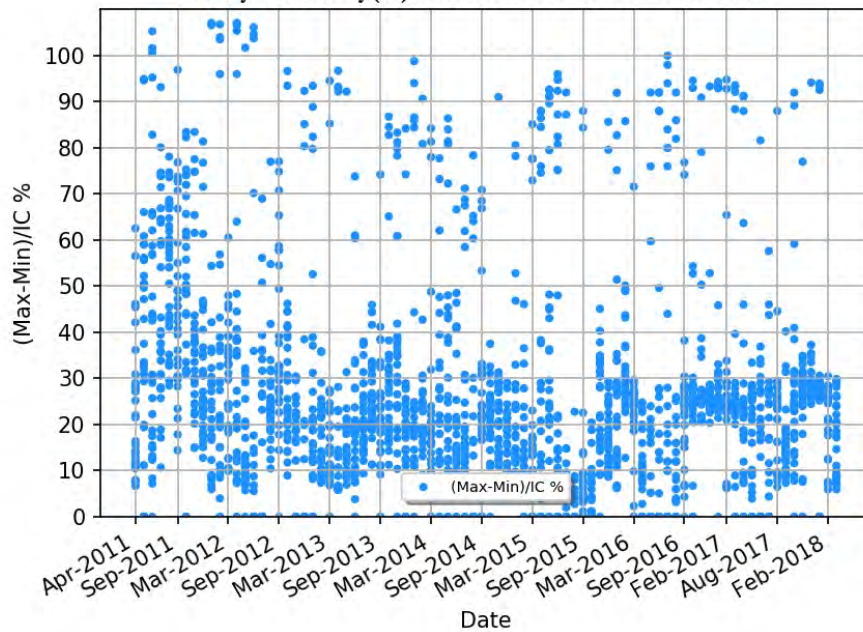
Daily Max Generation : PARAS TPS UNIT - 4 250 MW



Daily Min Generation : PARAS TPS UNIT - 4 250 MW



Daily Flexibility(%) : PARAS TPS UNIT - 4 250 MW

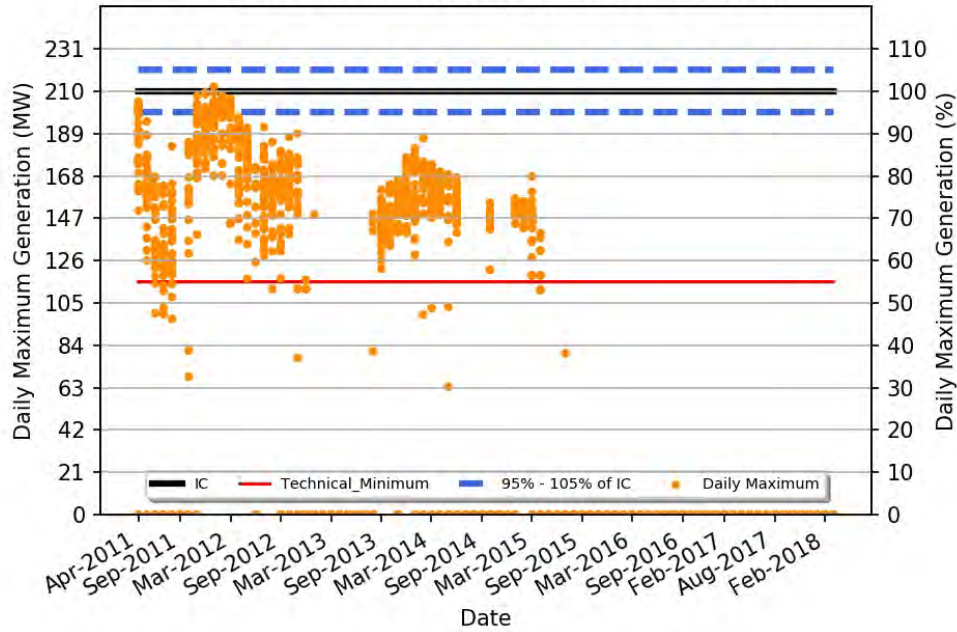


**PARAS TPS UNIT - 4 250 MW**

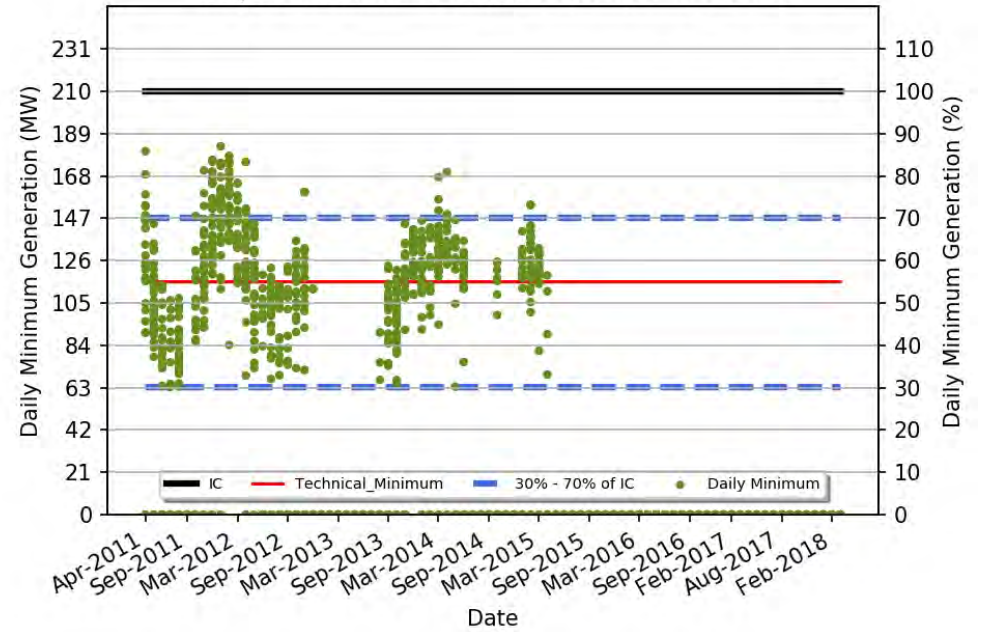
<b>Region</b>	<b>: Western Region</b>
<b>Number of Days Considered</b>	<b>: 2317</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 15 (%)</b>
(% of total days in operation)	
<b>No. Of Days Min Generation Achieved</b>	<b>: 56 (%)</b>
(% of total days in operation)	
<b>Average Flexibility</b>	<b>: 26 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 216</b>
<b>Daily Average (MW)</b>	<b>: 189</b>
<b>Average Daily Min (MW)</b>	<b>: 150</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 86</b>
<b>Daily Average/IC (%)</b>	<b>: 75</b>
<b>Average Daily Min/IC (%)</b>	<b>: 60</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 224</b>



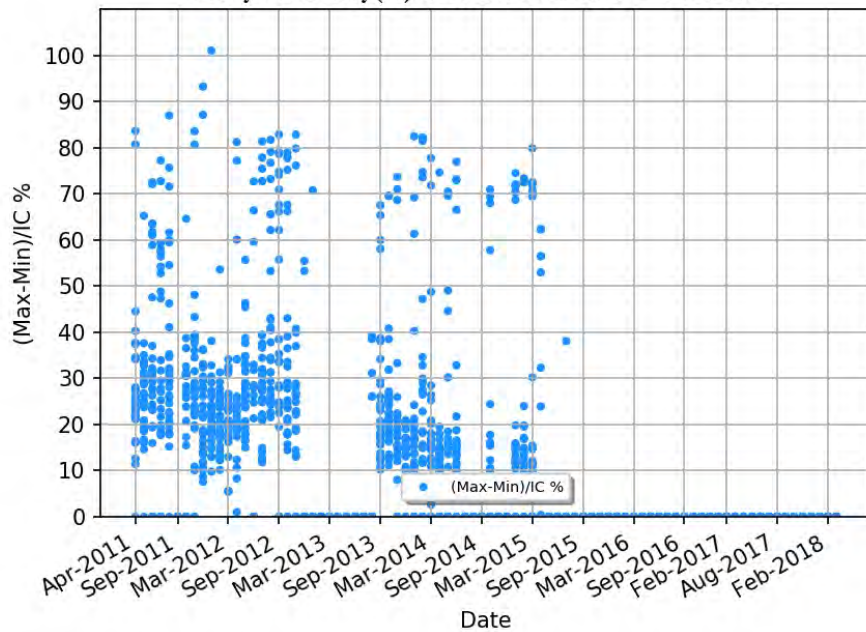
Daily Max Generation : PARLI TPS UNIT - 4 210 MW



Daily Min Generation : PARLI TPS UNIT - 4 210 MW



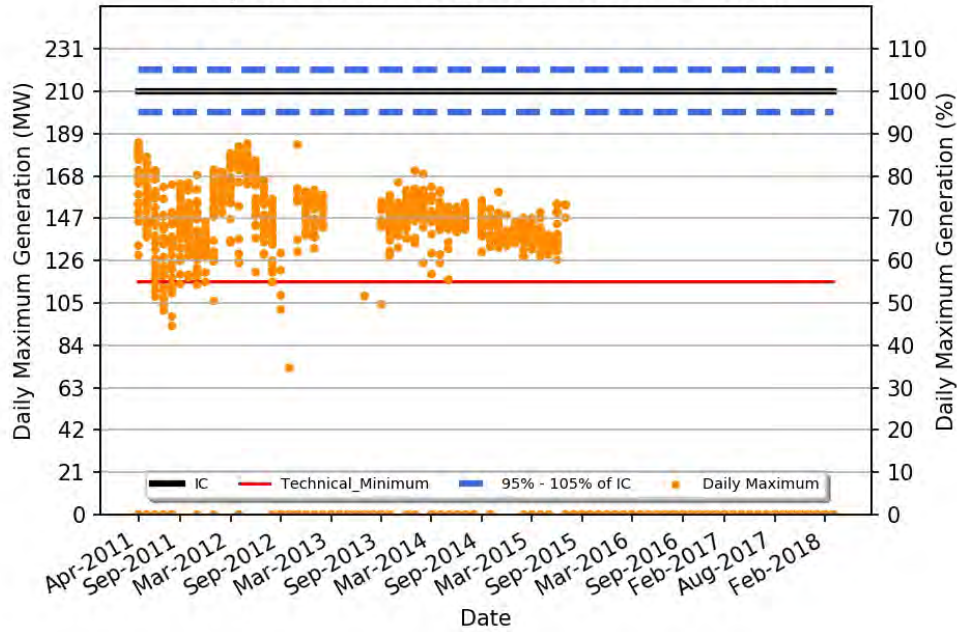
Daily Flexibility(%) : PARLI TPS UNIT - 4 210 MW



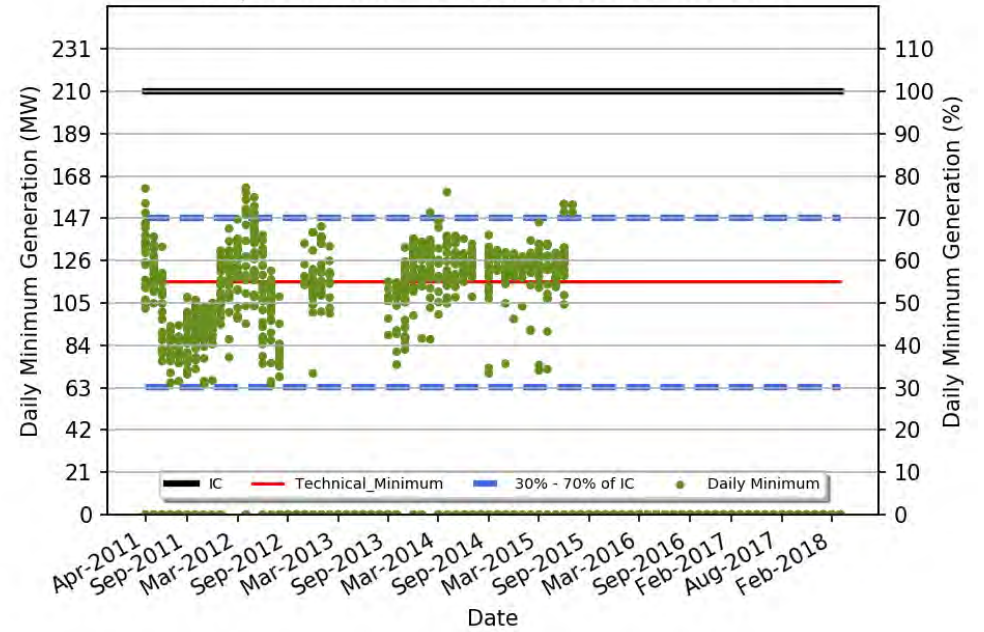
**PARLI TPS UNIT - 4 210 MW**

<b>Region</b>	<b>: Western Region</b>
<b>Number of Days Considered</b>	<b>: 849</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 6 (%)</b>
(% of total days in operation)	
<b>No. Of Days Min Generation Achieved</b>	<b>: 77 (%)</b>
(% of total days in operation)	
<b>Average Flexibility</b>	<b>: 26 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 162</b>
<b>Daily Average (MW)</b>	<b>: 140</b>
<b>Average Daily Min (MW)</b>	<b>: 105</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 77</b>
<b>Daily Average/IC (%)</b>	<b>: 66</b>
<b>Average Daily Min/IC (%)</b>	<b>: 50</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 224</b>

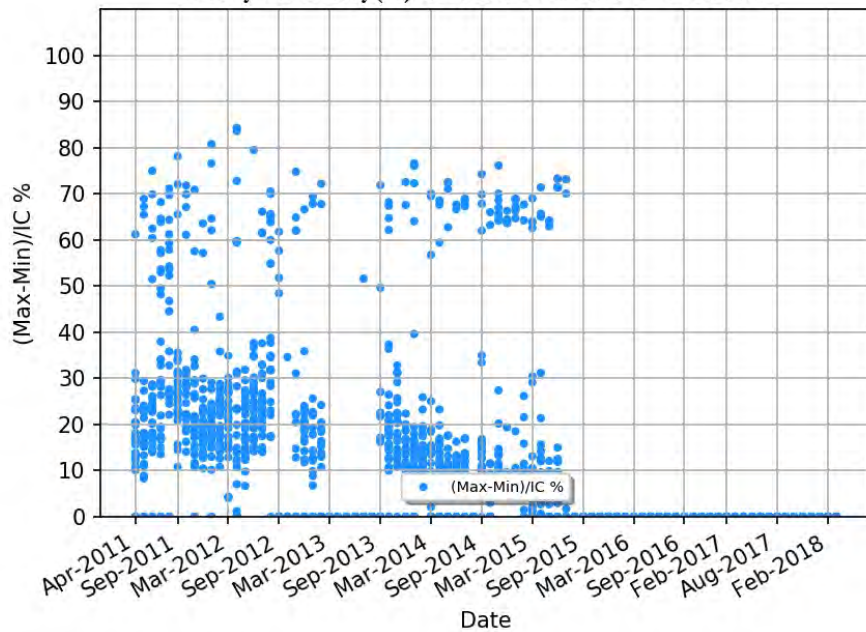
Daily Max Generation : PARLI TPS UNIT - 5 210 MW



Daily Min Generation : PARLI TPS UNIT - 5 210 MW



Daily Flexibility(%) : PARLI TPS UNIT - 5 210 MW

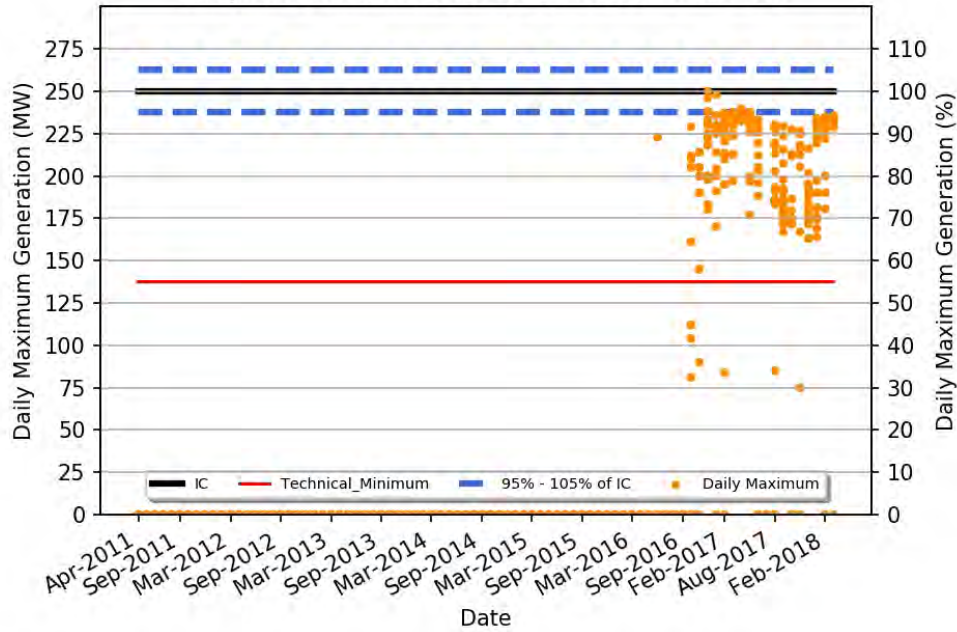


**PARLI TPS UNIT - 5 210 MW**

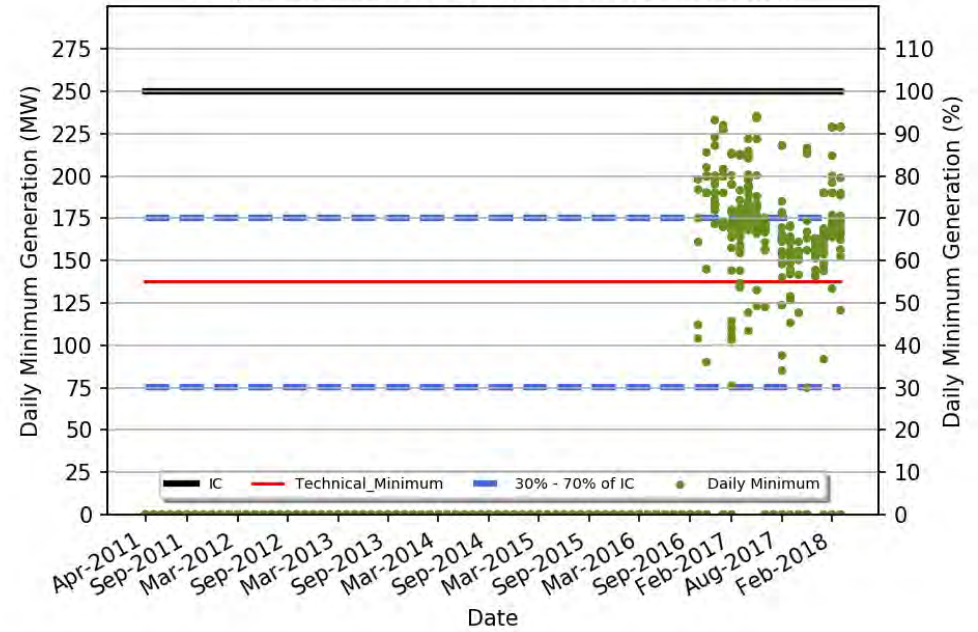
<b>Region</b>	<b>: Western Region</b>
<b>Number of Days Considered</b>	<b>: 1056</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 0 (%)</b>
(% of total days in operation)	
<b>No. Of Days Min Generation Achieved</b>	<b>: 85 (%)</b>
(% of total days in operation)	
<b>Average Flexibility</b>	<b>: 22 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 147</b>
<b>Daily Average (MW)</b>	<b>: 129</b>
<b>Average Daily Min (MW)</b>	<b>: 100</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 70</b>
<b>Daily Average/IC (%)</b>	<b>: 61</b>
<b>Average Daily Min/IC (%)</b>	<b>: 47</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 224</b>



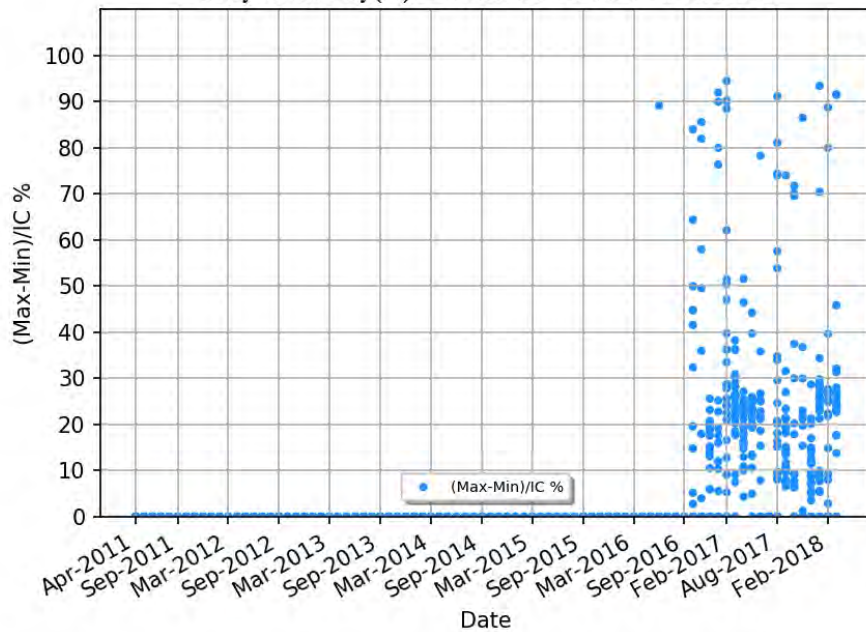
Daily Max Generation : PARLI TPS UNIT - 6 250 MW



Daily Min Generation : PARLI TPS UNIT - 6 250 MW



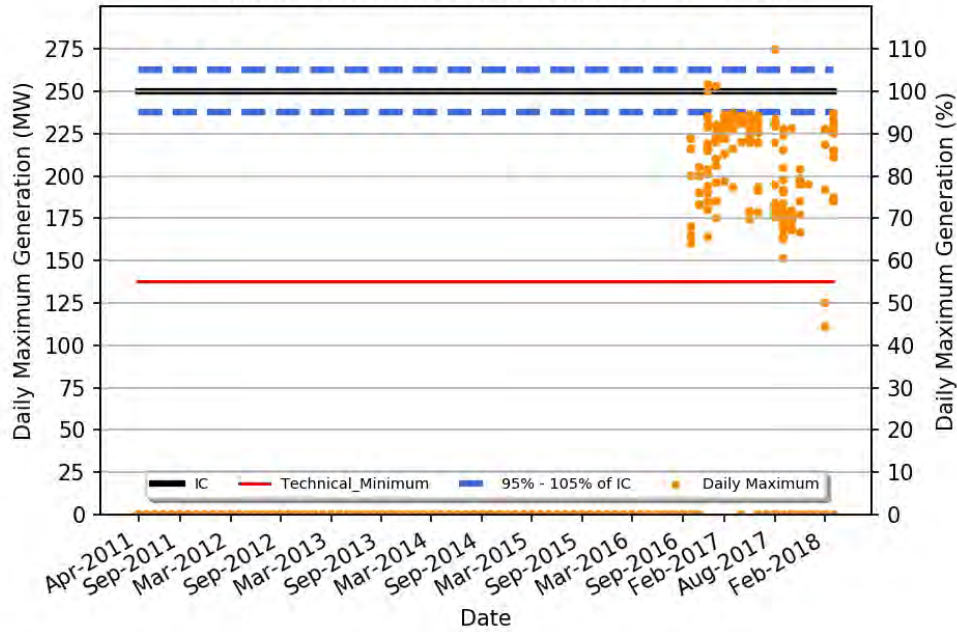
Daily Flexibility(%) : PARLI TPS UNIT - 6 250 MW



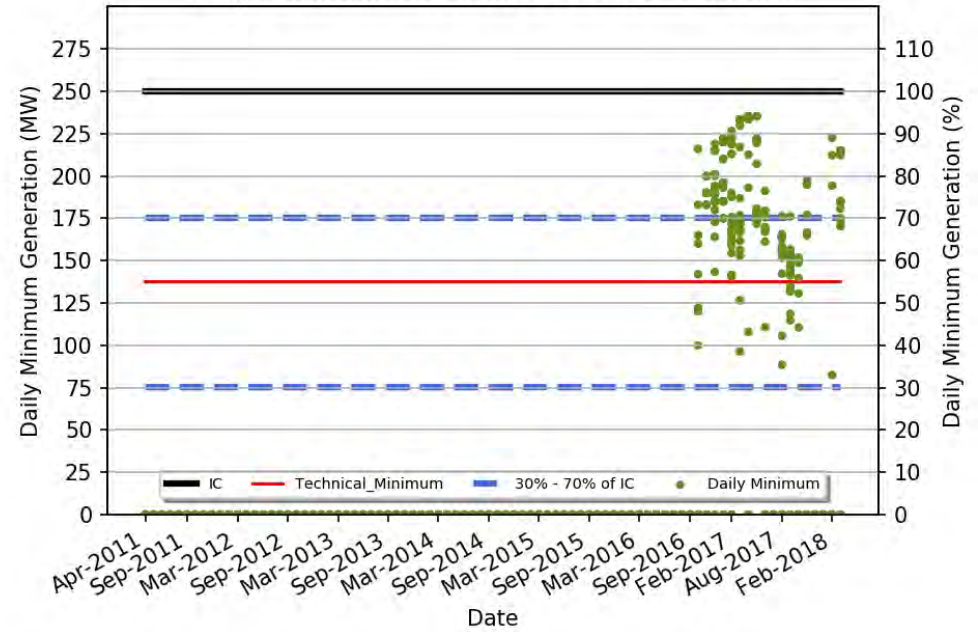
**PARLI TPS UNIT - 6 250 MW**

<b>Region</b>	<b>: Western Region</b>
<b>Number of Days Considered</b>	<b>: 412</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 3 (%)</b>
(% of total days in operation)	
<b>No. Of Days Min Generation Achieved</b>	<b>: 49 (%)</b>
(% of total days in operation)	
<b>Average Flexibility</b>	<b>: 18 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 213</b>
<b>Daily Average (MW)</b>	<b>: 195</b>
<b>Average Daily Min (MW)</b>	<b>: 166</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 85</b>
<b>Daily Average/IC (%)</b>	<b>: 78</b>
<b>Average Daily Min/IC (%)</b>	<b>: 66</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 350</b>

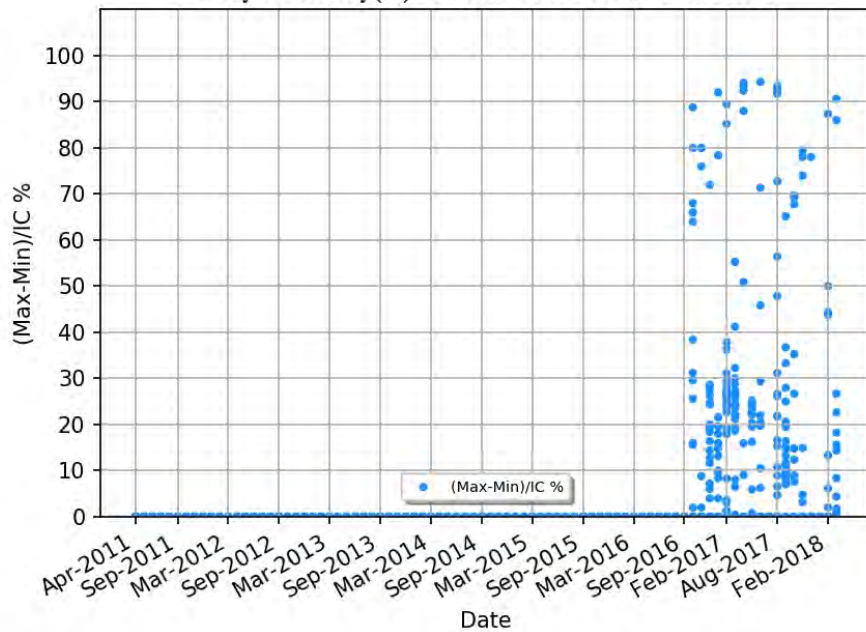
Daily Max Generation : PARLI TPS UNIT - 7 250 MW



Daily Min Generation : PARLI TPS UNIT - 7 250 MW



Daily Flexibility(%) : PARLI TPS UNIT - 7 250 MW

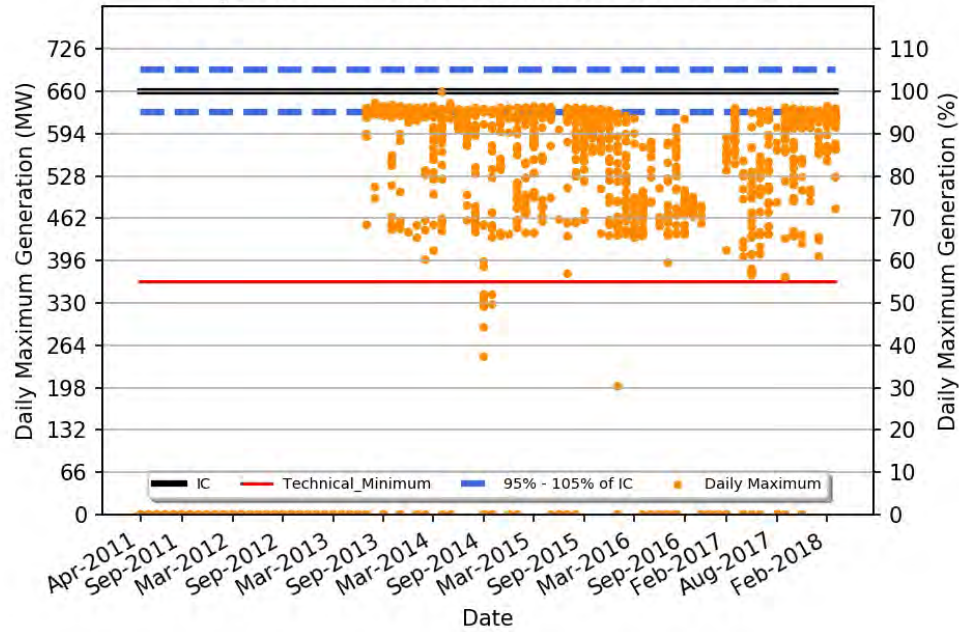


**PARLI TPS UNIT - 7 250 MW**

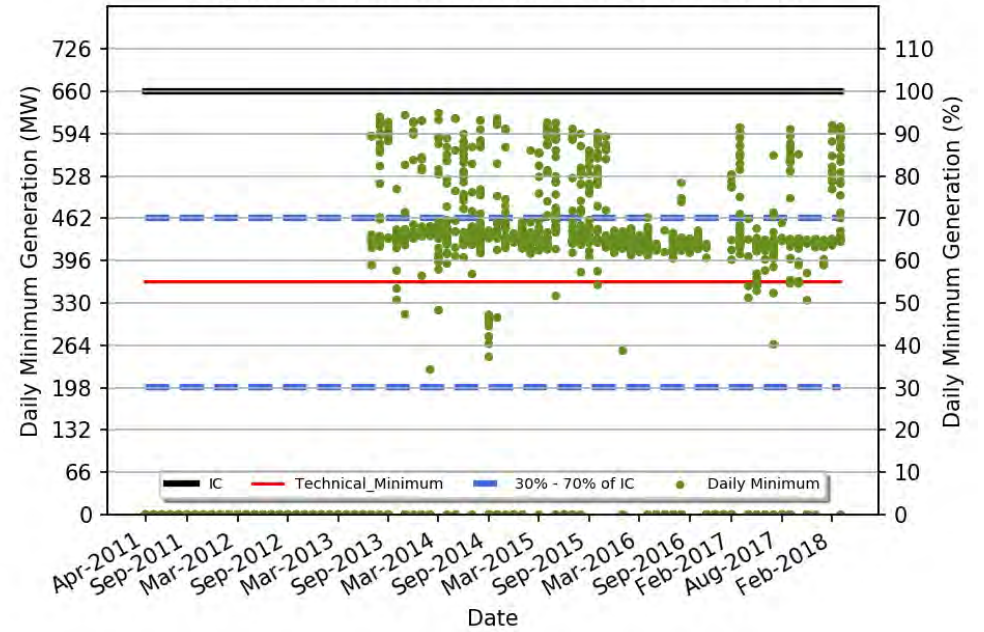
<b>Region</b>	<b>: Western Region</b>
<b>Number of Days Considered</b>	<b>: 324</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 0 (%)</b>
(% of total days in operation)	
<b>No. Of Days Min Generation Achieved</b>	<b>: 31 (%)</b>
(% of total days in operation)	
<b>Average Flexibility</b>	<b>: 17 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 213</b>
<b>Daily Average (MW)</b>	<b>: 197</b>
<b>Average Daily Min (MW)</b>	<b>: 170</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 85</b>
<b>Daily Average/IC (%)</b>	<b>: 79</b>
<b>Average Daily Min/IC (%)</b>	<b>: 68</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 350</b>



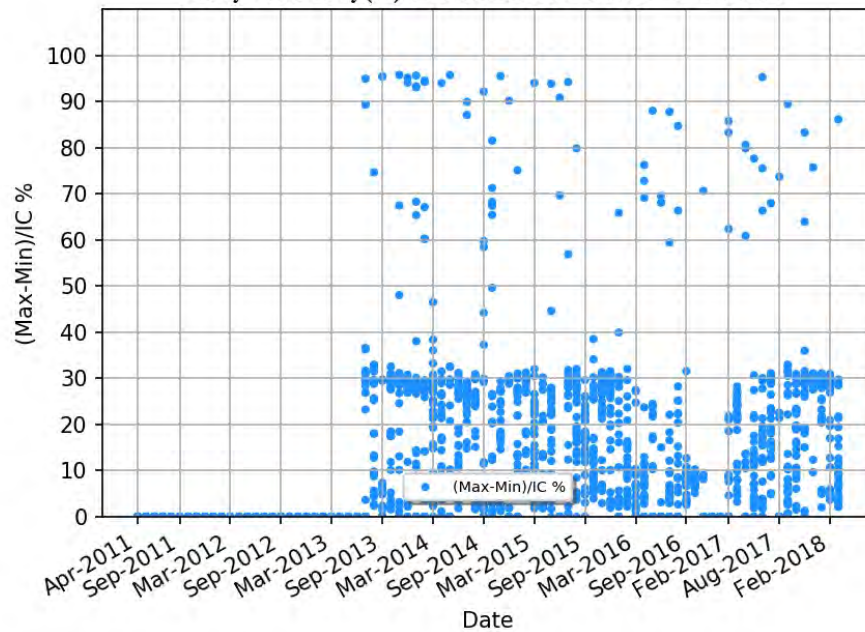
Daily Max Generation : TIRORA TPS UNIT - 1 660 MW



Daily Min Generation : TIRORA TPS UNIT - 1 660 MW



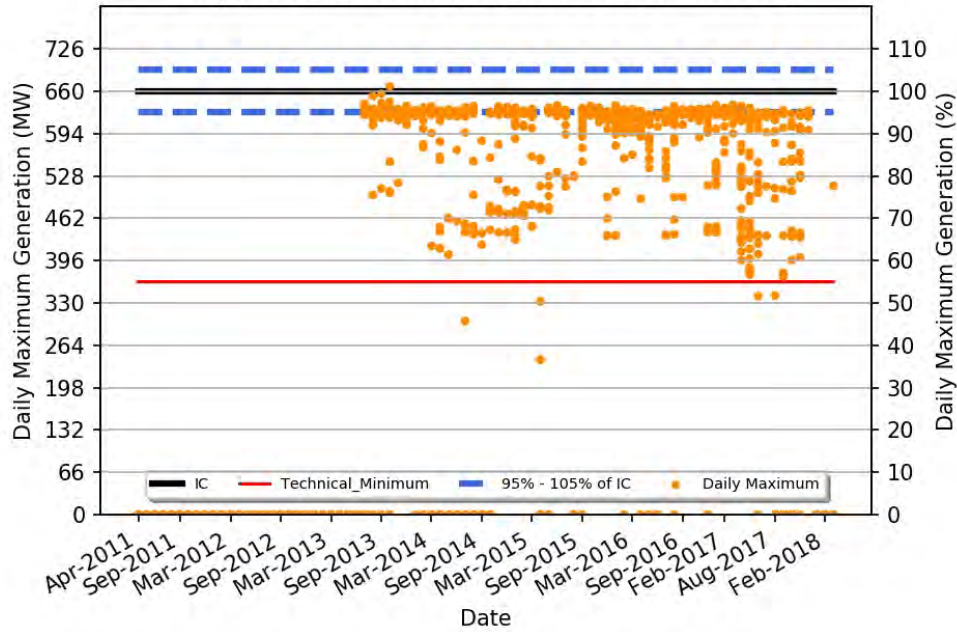
Daily Flexibility(%) : TIRORA TPS UNIT - 1 660 MW



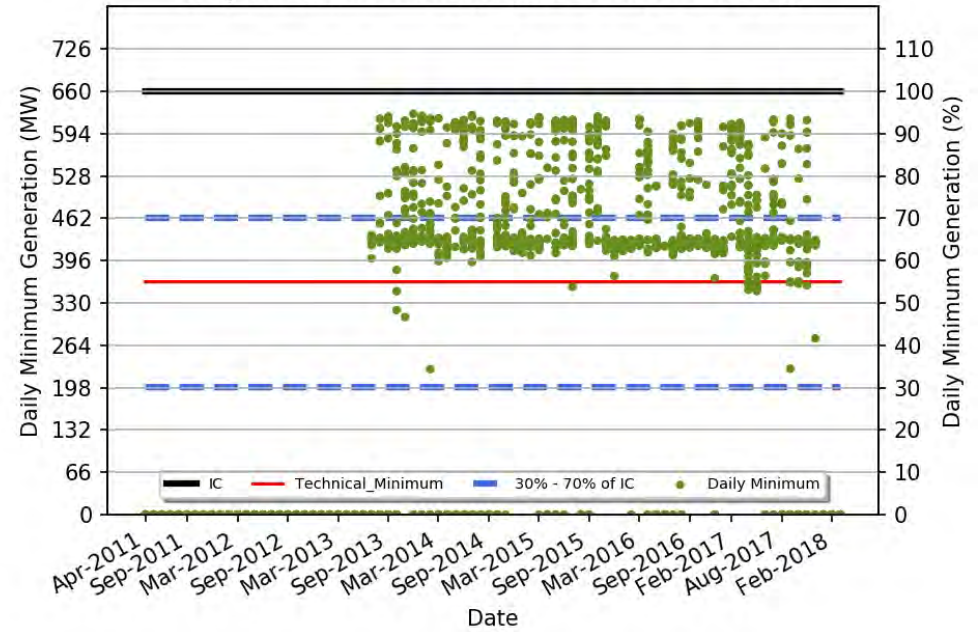
**TIRORA TPS UNIT - 1 660 MW**

<b>Region</b>	<b>: Western Region</b>
<b>Number of Days Considered</b>	<b>: 1290</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 19 (%)</b>
(% of total days in operation)	
<b>No. Of Days Min Generation Achieved</b>	<b>: 74 (%)</b>
(% of total days in operation)	
<b>Average Flexibility</b>	<b>: 19 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 564</b>
<b>Daily Average (MW)</b>	<b>: 508</b>
<b>Average Daily Min (MW)</b>	<b>: 437</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 85</b>
<b>Daily Average/IC (%)</b>	<b>: 77</b>
<b>Average Daily Min/IC (%)</b>	<b>: 66</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 238</b>

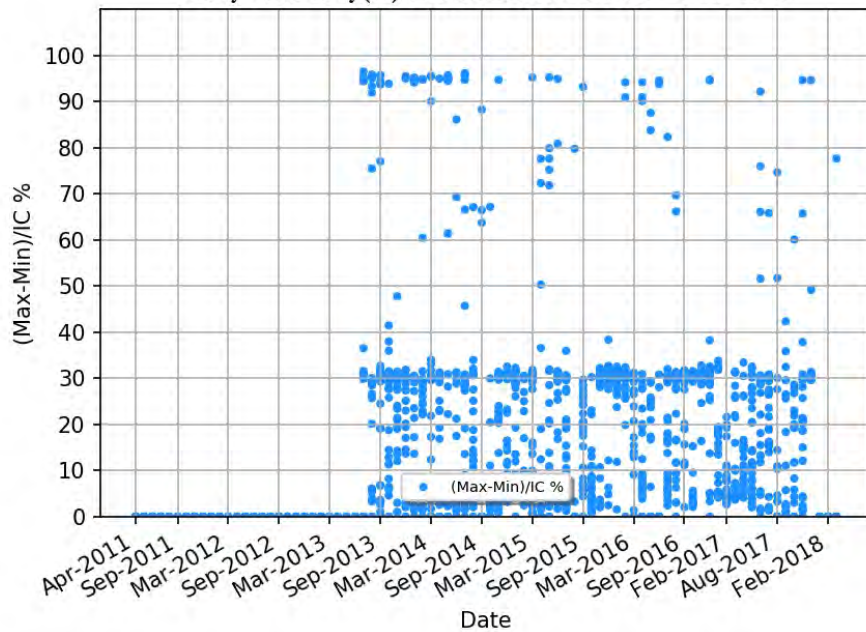
Daily Max Generation : TIRORA TPS UNIT - 2 660 MW



Daily Min Generation : TIRORA TPS UNIT - 2 660 MW



Daily Flexibility(%) : TIRORA TPS UNIT - 2 660 MW

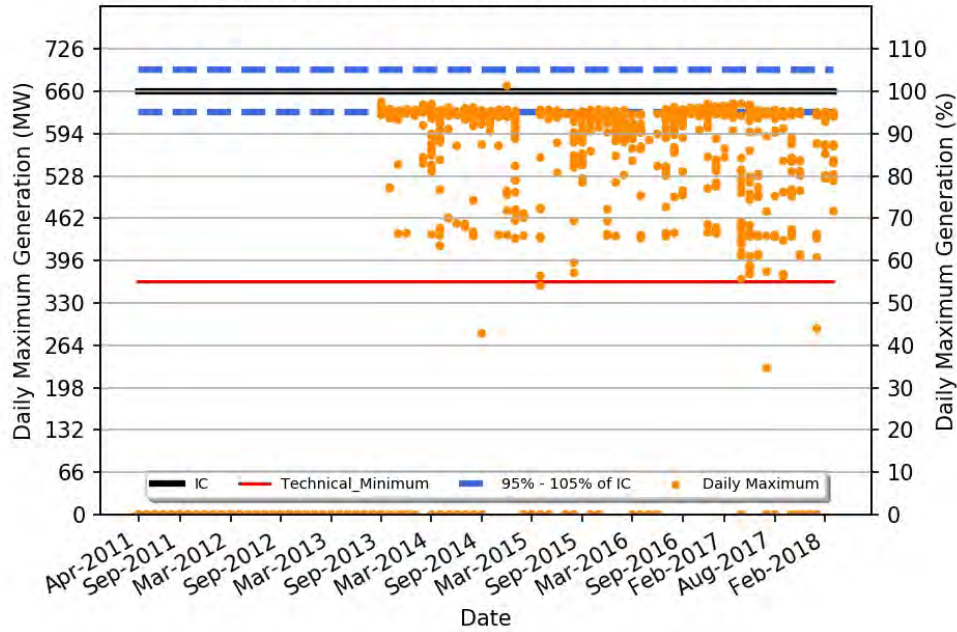


**TIRORA TPS UNIT - 2 660 MW**

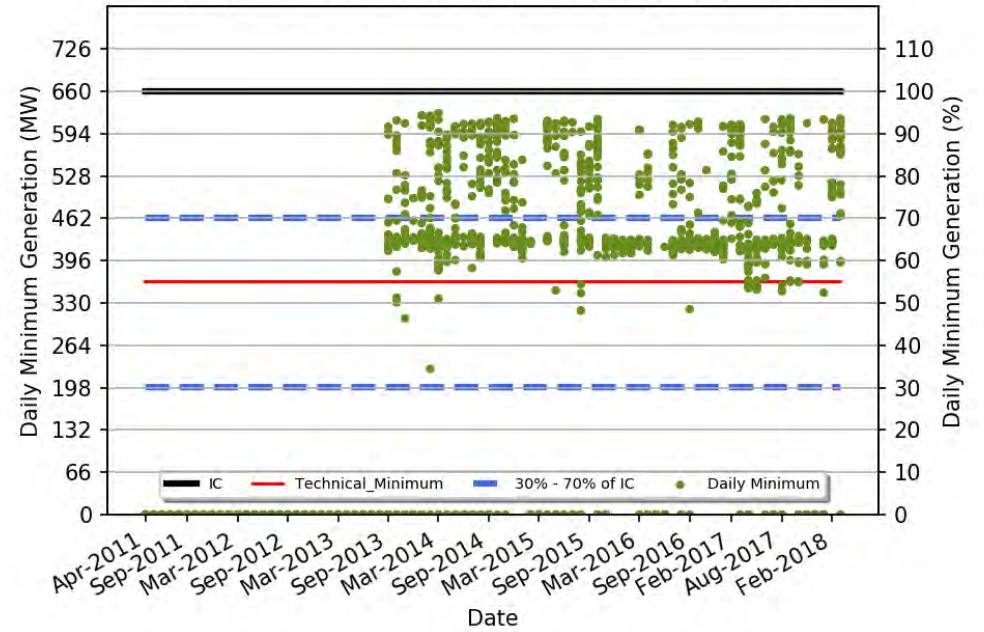
<b>Region</b>	<b>: Western Region</b>
<b>Number of Days Considered</b>	<b>: 1320</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 37 (%)</b>
(% of total days in operation)	
<b>No. Of Days Min Generation Achieved</b>	<b>: 60 (%)</b>
(% of total days in operation)	
<b>Average Flexibility</b>	<b>: 22 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 599</b>
<b>Daily Average (MW)</b>	<b>: 542</b>
<b>Average Daily Min (MW)</b>	<b>: 451</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 90</b>
<b>Daily Average/IC (%)</b>	<b>: 82</b>
<b>Average Daily Min/IC (%)</b>	<b>: 68</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 238</b>



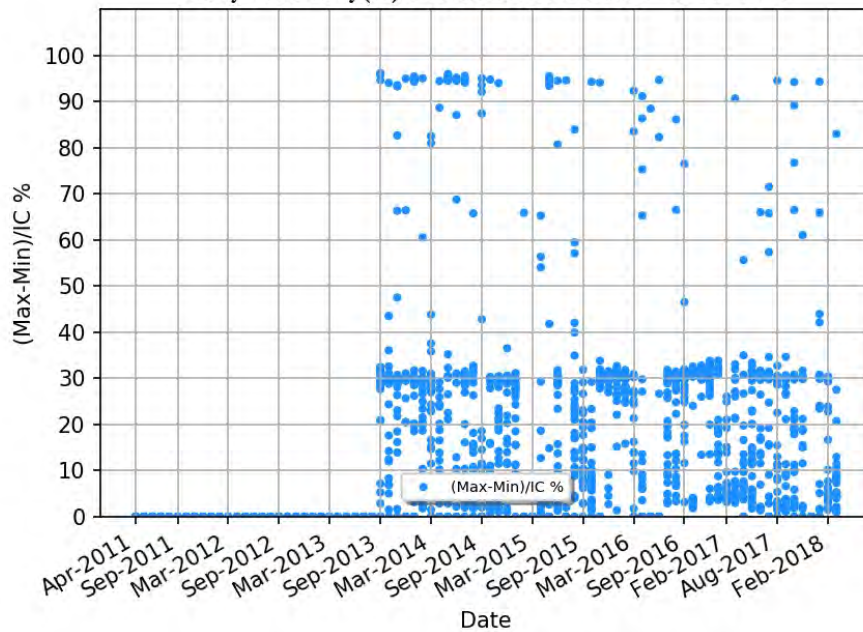
Daily Max Generation : TIRORA TPS UNIT - 3 660 MW



Daily Min Generation : TIRORA TPS UNIT - 3 660 MW



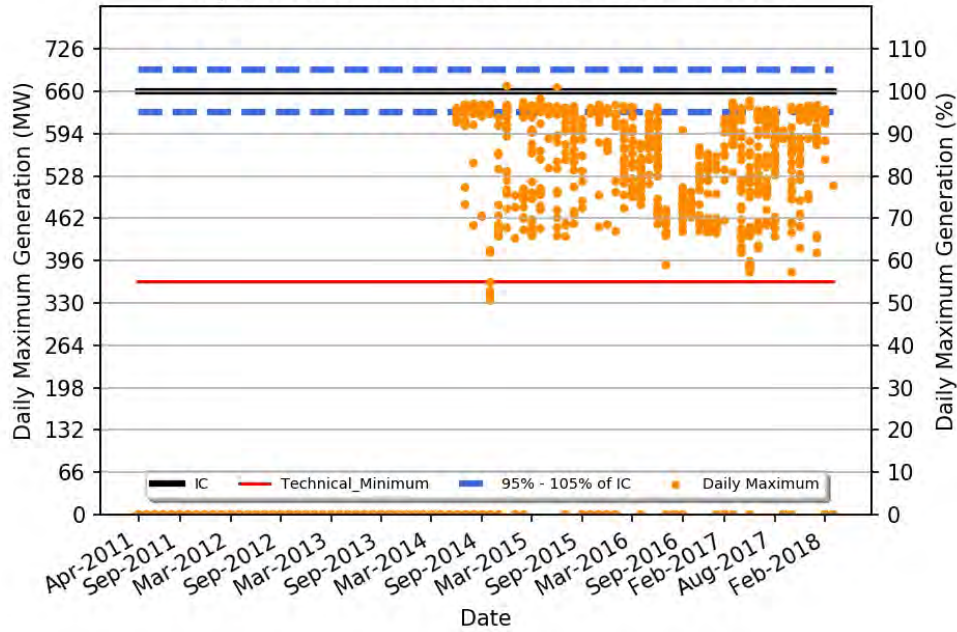
Daily Flexibility(%) : TIRORA TPS UNIT - 3 660 MW



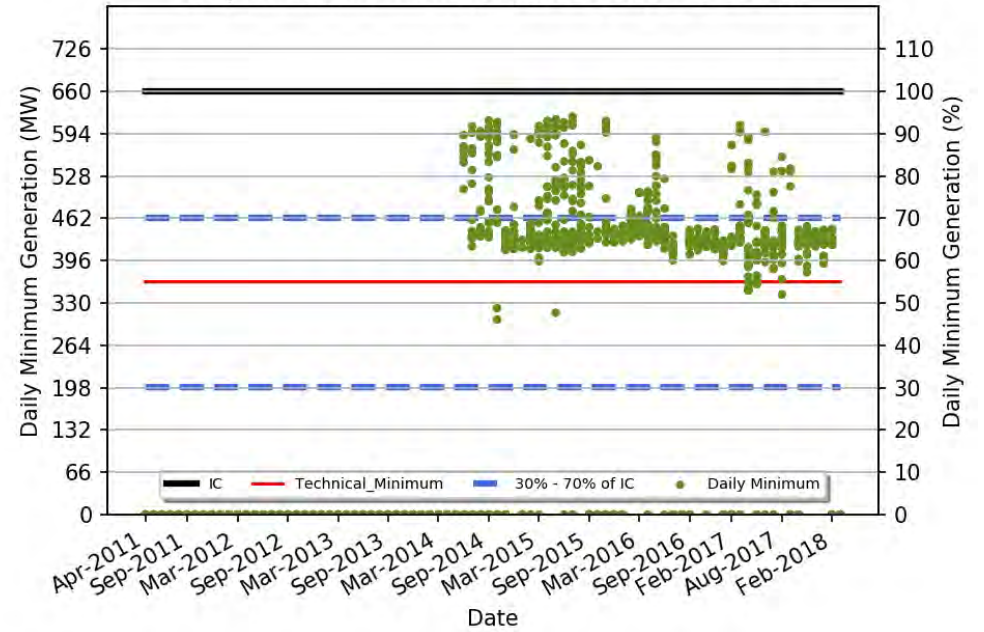
**TIRORA TPS UNIT - 3 660 MW**

<b>Region</b>	<b>: Western Region</b>
<b>Number of Days Considered</b>	<b>: 1269</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 27 (%)</b>
(% of total days in operation)	
<b>No. Of Days Min Generation Achieved</b>	<b>: 57 (%)</b>
(% of total days in operation)	
<b>Average Flexibility</b>	<b>: 22 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 597</b>
<b>Daily Average (MW)</b>	<b>: 541</b>
<b>Average Daily Min (MW)</b>	<b>: 451</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 90</b>
<b>Daily Average/IC (%)</b>	<b>: 82</b>
<b>Average Daily Min/IC (%)</b>	<b>: 68</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 238</b>

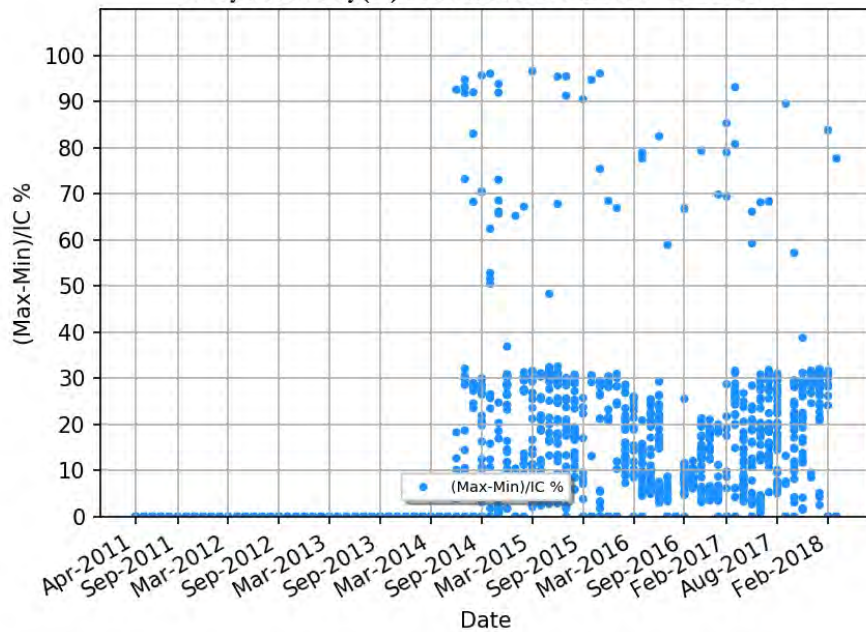
Daily Max Generation : TIRORA TPS UNIT - 4 660 MW



Daily Min Generation : TIRORA TPS UNIT - 4 660 MW



Daily Flexibility(%): TIRORA TPS UNIT - 4 660 MW

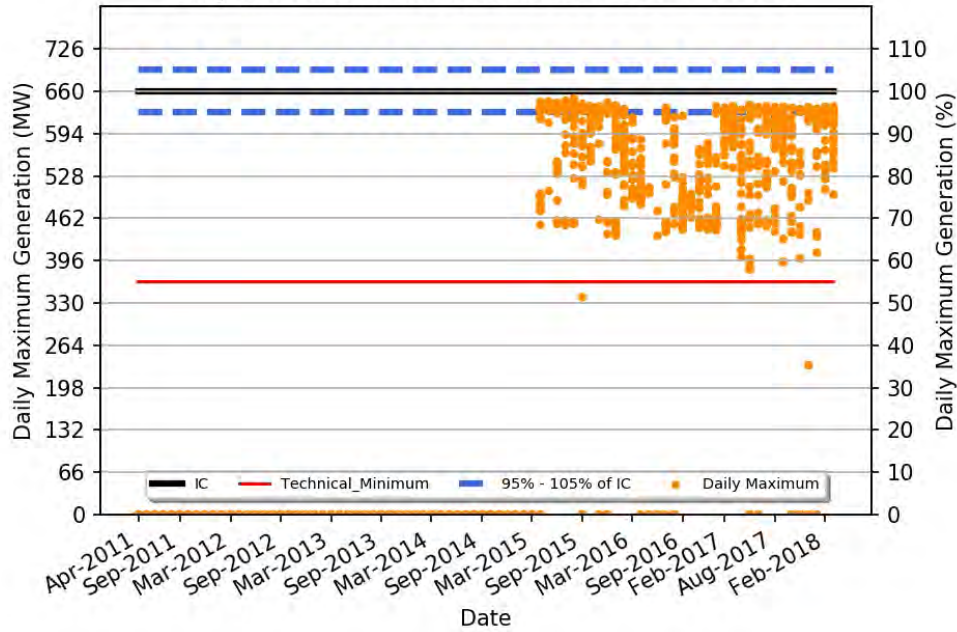


**TIRORA TPS UNIT - 4 660 MW**

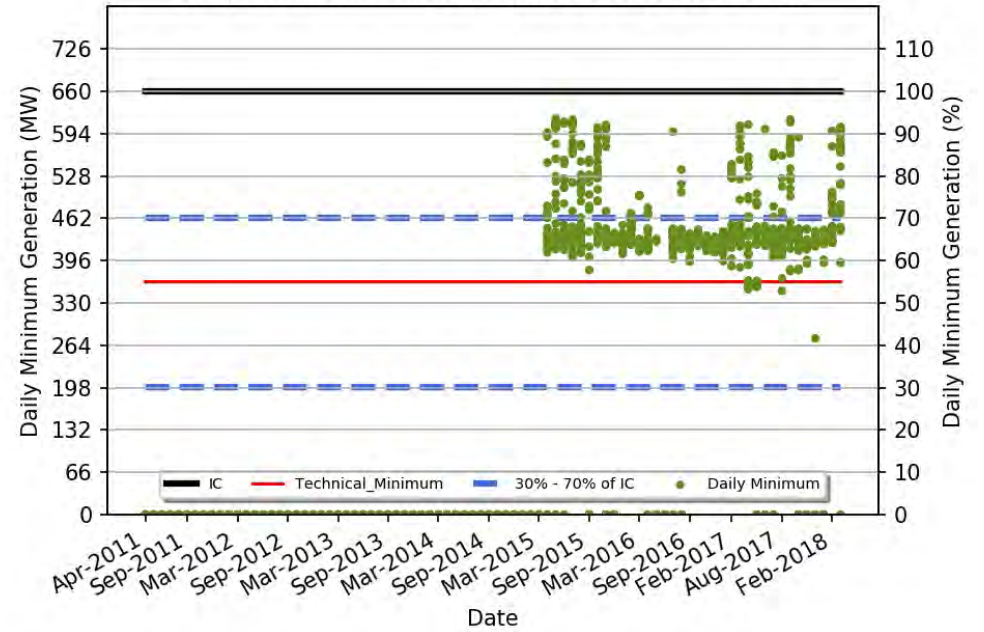
<b>Region</b>	<b>: Western Region</b>
<b>Number of Days Considered</b>	<b>: 997</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 26 (%)</b>
(% of total days in operation)	
<b>No. Of Days Min Generation Achieved</b>	<b>: 75 (%)</b>
(% of total days in operation)	
<b>Average Flexibility</b>	<b>: 18 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 558</b>
<b>Daily Average (MW)</b>	<b>: 504</b>
<b>Average Daily Min (MW)</b>	<b>: 435</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 84</b>
<b>Daily Average/IC (%)</b>	<b>: 76</b>
<b>Average Daily Min/IC (%)</b>	<b>: 66</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 238</b>



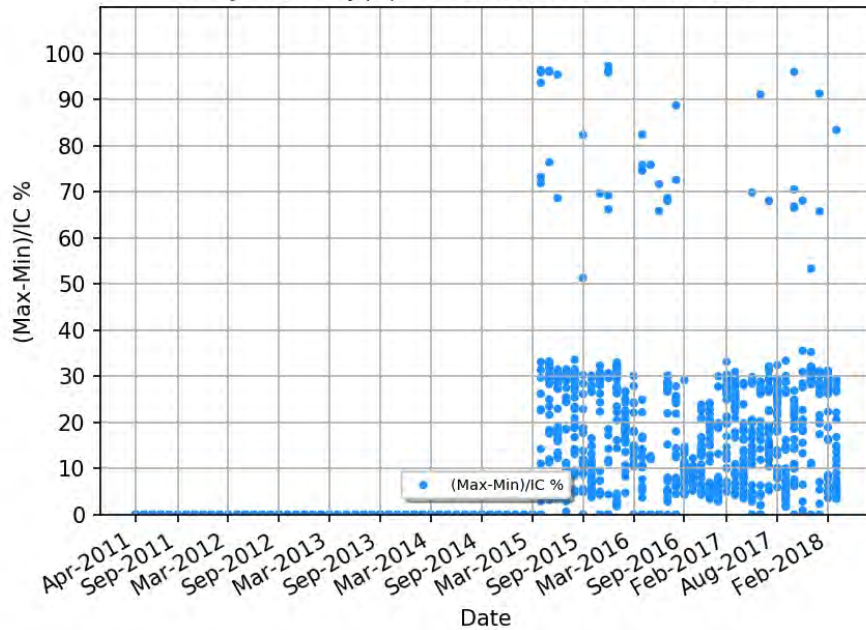
Daily Max Generation : TIRORA TPS UNIT - 5 660 MW



Daily Min Generation : TIRORA TPS UNIT - 5 660 MW



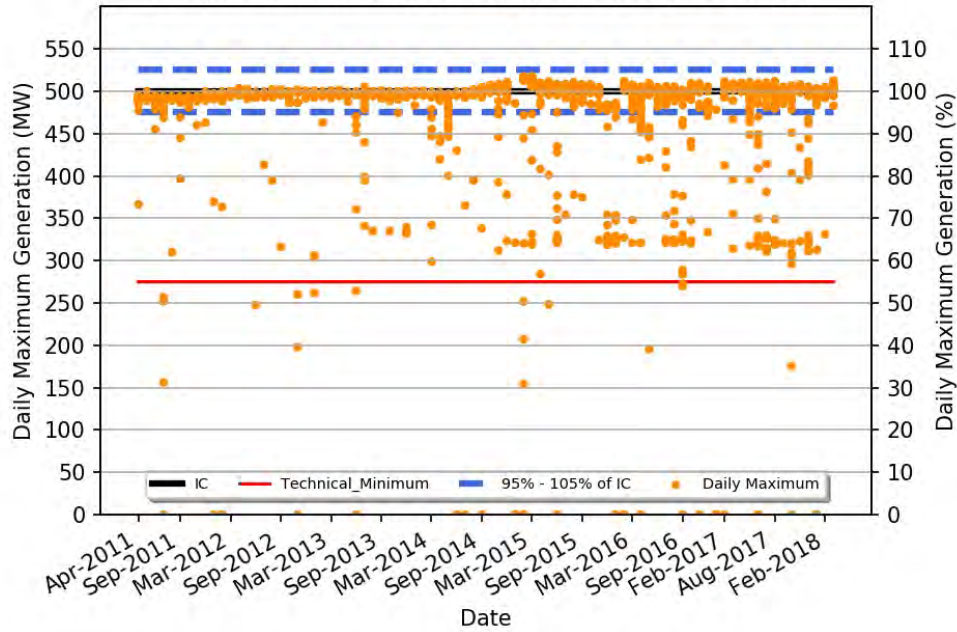
Daily Flexibility(%): TIRORA TPS UNIT - 5 660 MW



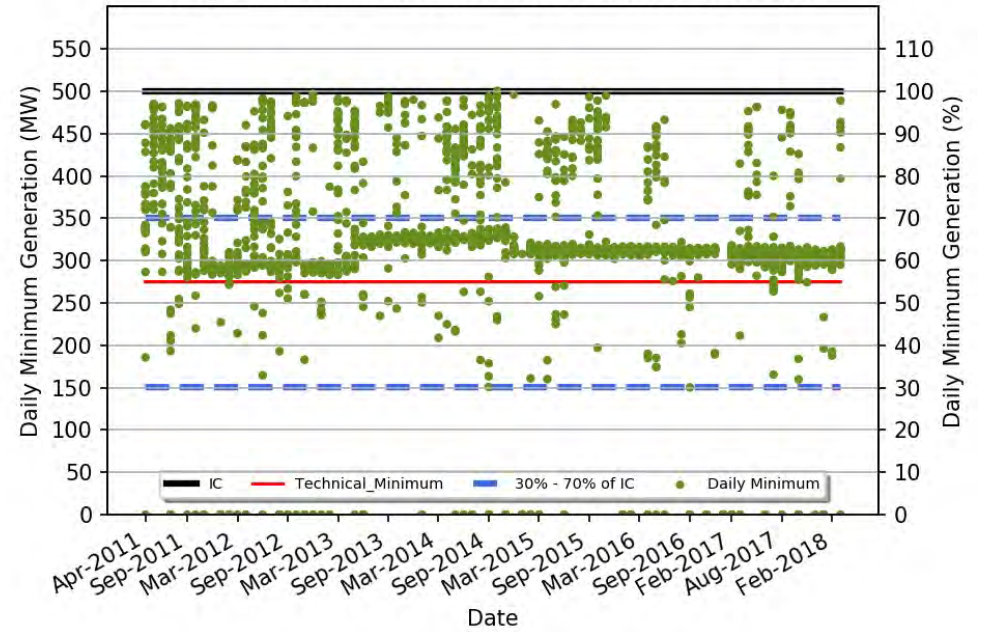
**TIRORA TPS UNIT - 5 660 MW**

<b>Region</b>	<b>: Western Region</b>
<b>Number of Days Considered</b>	<b>: 917</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 26 (%)</b>
(% of total days in operation)	
<b>No. Of Days Min Generation Achieved</b>	<b>: 73 (%)</b>
(% of total days in operation)	
<b>Average Flexibility</b>	<b>: 18 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 562</b>
<b>Daily Average (MW)</b>	<b>: 507</b>
<b>Average Daily Min (MW)</b>	<b>: 440</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 85</b>
<b>Daily Average/IC (%)</b>	<b>: 76</b>
<b>Average Daily Min/IC (%)</b>	<b>: 66</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 238</b>

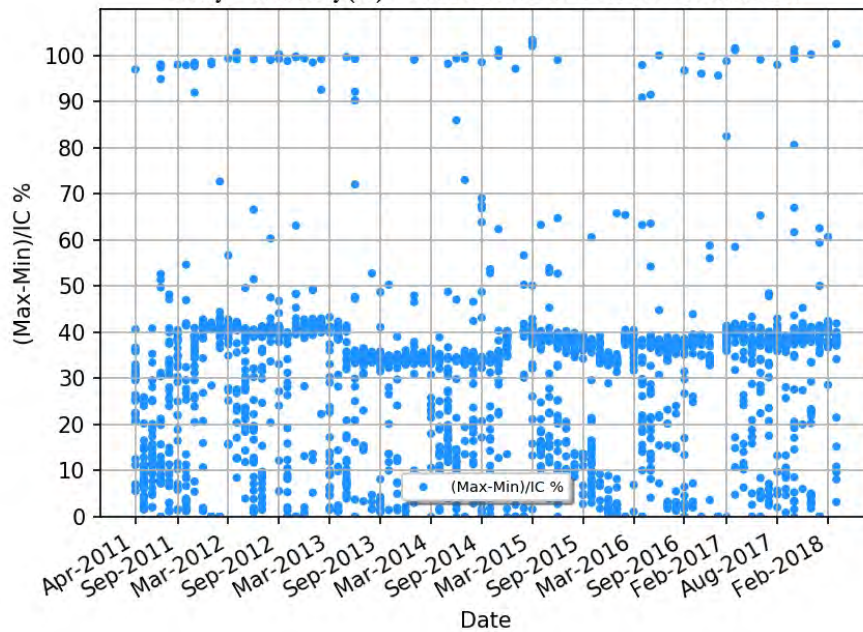
Daily Max Generation : TROMBAY TPS UNIT - 5 500 MW



Daily Min Generation : TROMBAY TPS UNIT - 5 500 MW



Daily Flexibility(%) : TROMBAY TPS UNIT - 5 500 MW

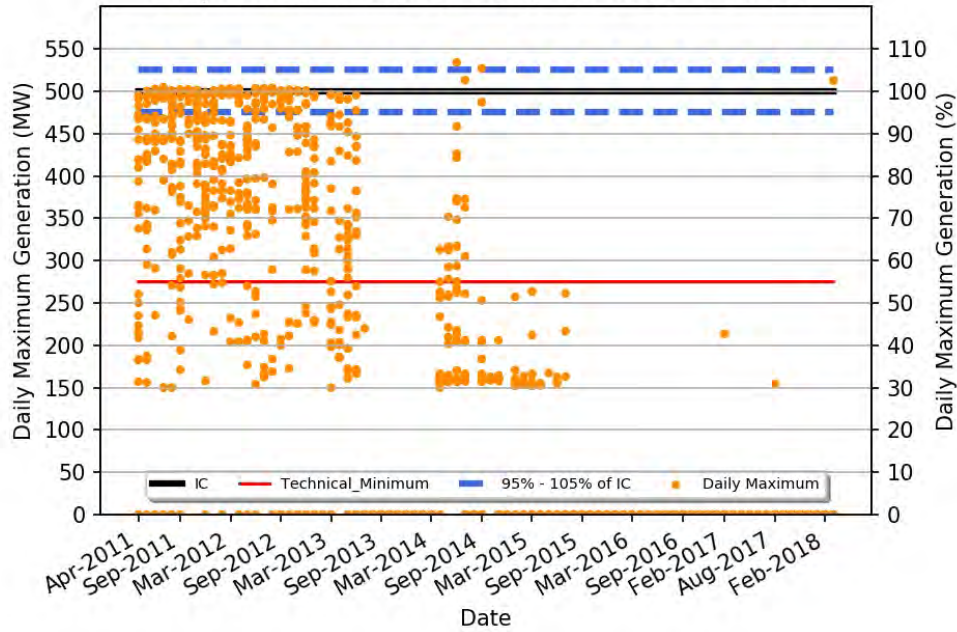


**TROMBAY TPS UNIT - 5 500 MW**

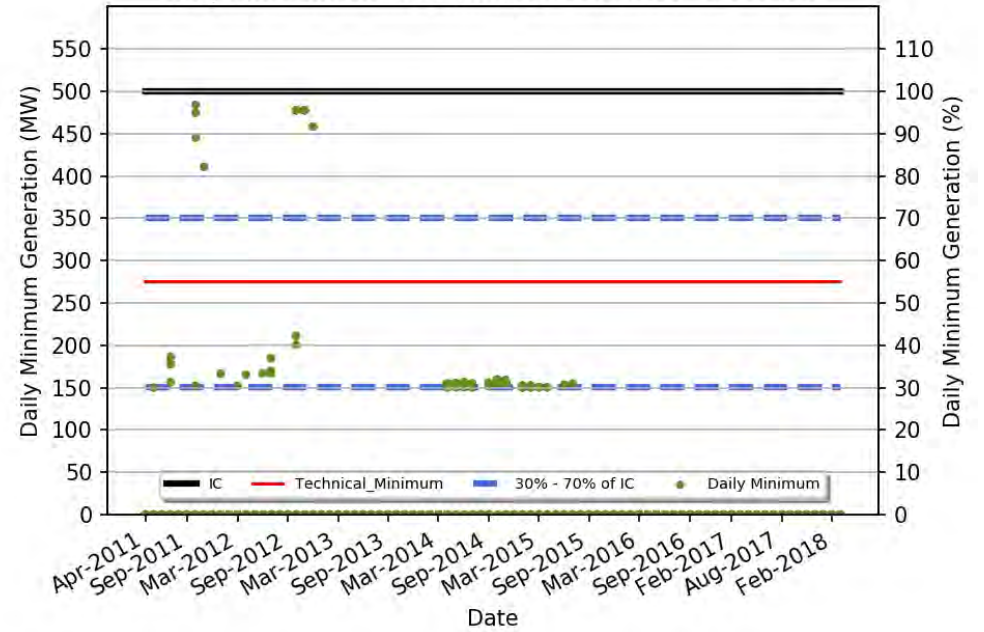
<b>Region</b>	<b>: Western Region</b>
<b>Number of Days Considered</b>	<b>: 2384</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 89 (%)</b>
(% of total days in operation)	
<b>No. Of Days Min Generation Achieved</b>	<b>: 70 (%)</b>
(% of total days in operation)	
<b>Average Flexibility</b>	<b>: 30 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 484</b>
<b>Daily Average (MW)</b>	<b>: 426</b>
<b>Average Daily Min (MW)</b>	<b>: 331</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 96</b>
<b>Daily Average/IC (%)</b>	<b>: 85</b>
<b>Average Daily Min/IC (%)</b>	<b>: 66</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 411</b>



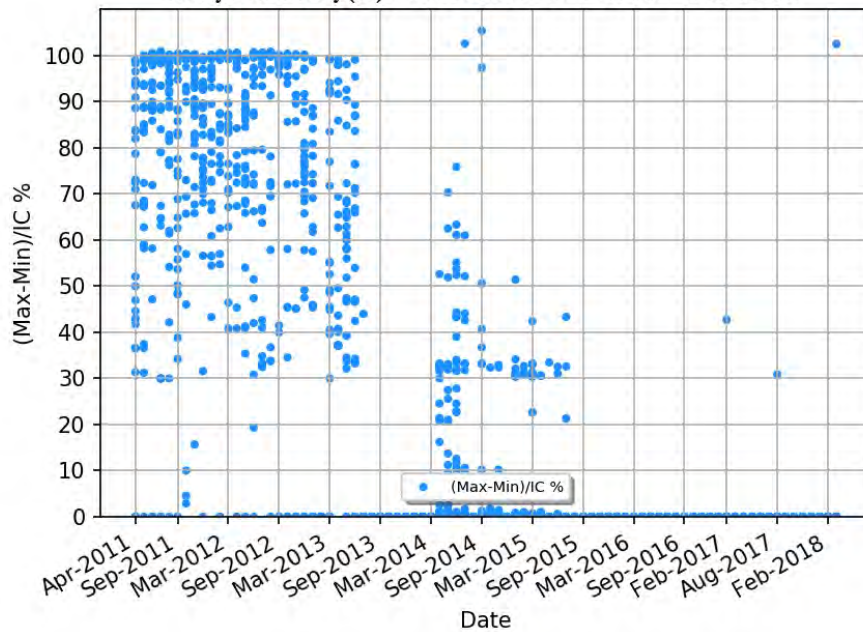
Daily Max Generation : TROMBAY TPS UNIT - 6 500 MW



Daily Min Generation : TROMBAY TPS UNIT - 6 500 MW



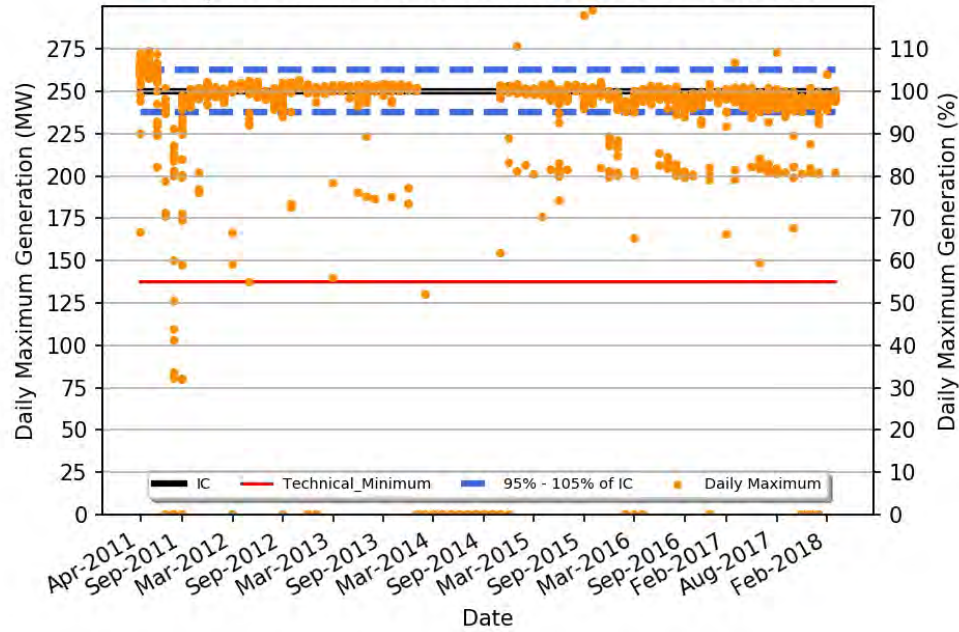
Daily Flexibility(%) : TROMBAY TPS UNIT - 6 500 MW



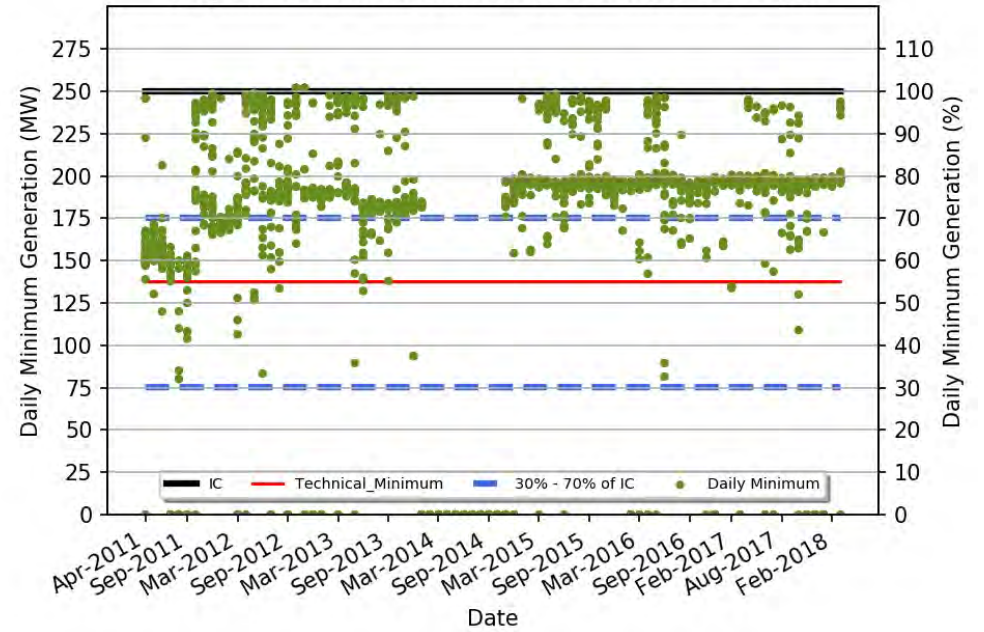
### TROMBAY TPS UNIT - 6 500 MW

Region	: Western Region
Number of Days Considered	: 700
No. Of Days Max Generation Achieved	: 43 (%)
(% of total days in operation)	
No. Of Days Min Generation Achieved	: 26 (%)
(% of total days in operation)	
Average Flexibility	: 66 (%)
Average Daily Max (MW)	: 390
Daily Average (MW)	: 236
Average Daily Min (MW)	: 321
Average Daily Max/ IC (%)	: 78
Daily Average/IC (%)	: 47
Average Daily Min/IC (%)	: 64
Variable Charge (Paisa/kWh)	: 411

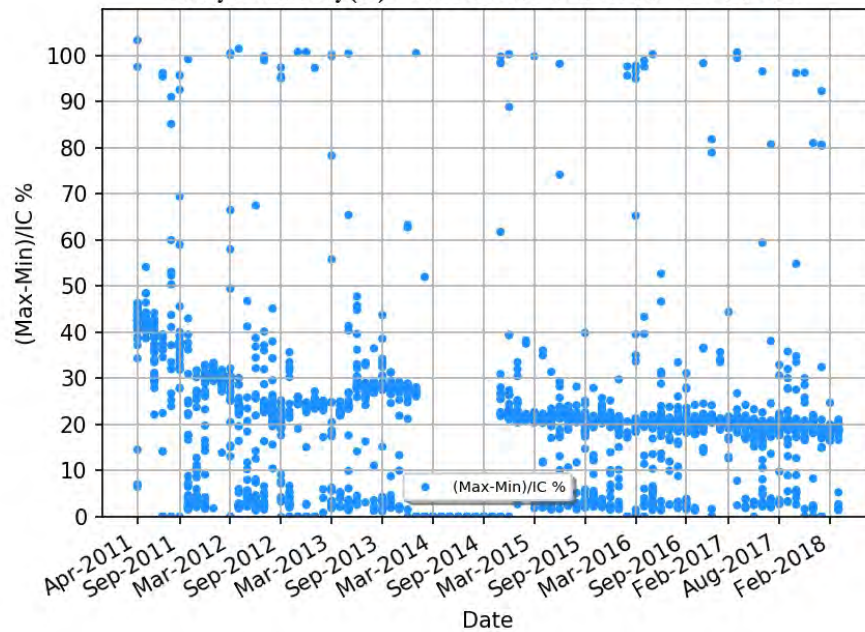
Daily Max Generation : TROMBAY TPS UNIT - 8 250 MW



Daily Min Generation : TROMBAY TPS UNIT - 8 250 MW



Daily Flexibility(%) : TROMBAY TPS UNIT - 8 250 MW



**TROMBAY TPS UNIT - 8 250 MW**

<b>Region</b>	<b>: Western Region</b>
<b>Number of Days Considered</b>	<b>: 2077</b>
<b>No. Of Days Max Generation Achieved</b>	<b>: 88 (%)</b>
<i>(% of total days in operation)</i>	
<b>No. Of Days Min Generation Achieved</b>	<b>: 14 (%)</b>
<i>(% of total days in operation)</i>	
<b>Average Flexibility</b>	<b>: 21 (%)</b>
<b>Average Daily Max (MW)</b>	<b>: 245</b>
<b>Daily Average (MW)</b>	<b>: 225</b>
<b>Average Daily Min (MW)</b>	<b>: 191</b>
<b>Average Daily Max/ IC (%)</b>	<b>: 98</b>
<b>Daily Average/IC (%)</b>	<b>: 90</b>
<b>Average Daily Min/IC (%)</b>	<b>: 76</b>
<b>Variable Charge (Paisa/kWh)</b>	<b>: 442</b>





**पावर सिस्टम ऑपरेशन कॉर्पोरेशन लिमिटेड**  
(भारत सरकार का उद्यम)

**POWER SYSTEM OPERATION CORPORATION LIMITED**  
(A Govt. of India Enterprise)

**CIN: U40105DL2009GOI188682**

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