

# **Maharashtra State Electricity Distribution Company Limited**



(A Government of Maharashtra Undertaking)  
CIN NO.: U40109MH20055GC153645

## **Resource Adequacy Plan for MSEDCL ST-DRAP AND MT-DRAP**

**FY 2025-26 to FY 2029-30**

## INDEX

<b>ABBREVIATIONS .....</b>	<b>I</b>
<b>LIST OF TABLES .....</b>	<b>III</b>
<b>LIST OF FIGURES .....</b>	<b>IV</b>
<b>1. CHAPTER 1 – RESOURCE ADEQUACY FRAMEWORK.....</b>	<b>1</b>
1.1. INTRODUCTION TO RESOURCE ADEQUACY .....	1
1.2. RESOURCE ADEQUACY FRAMEWORK IN INDIA.....	2
1.3. MERC RESOURCE ADEQUACY FRAMEWORK .....	3
<b>2. CHAPTER 2 – DEMAND ASSESSMENT AND FORECASTING .....</b>	<b>5</b>
2.1. HISTORICAL DEMAND OF MSEDCL.....	5
2.2. APPROACH AND METHODOLOGY .....	5
2.3. MODEL BUILDING .....	7
2.4. RESULTS OF DEMAND FORECASTING.....	8
2.4.1. Category-wise demand forecast .....	8
2.4.2. Transmission and Distribution Loss Forecast.....	9
2.4.3. Demand (MUs) and Peak demand (MW) forecast.....	10
2.4.4. Emerging Impacts and Hourly Forecast .....	11
2.4.5. Final long term demand forecast.....	15
2.4.6. Analysis of the energy and peak demand.....	16
<b>CHAPTER 3 – MSEDCL RESOURCE ADEQUACY STUDY.....</b>	<b>17</b>
2.5. APPROACH AND METHODOLOGY .....	18
2.5.1. Integrated Resource Planning.....	19
2.5.2. Stochastic scenario generation and simulations .....	19
2.6. CAPACITY CREDIT ESTIMATION METHODOLOGY .....	20
2.6.1. Capacity credit estimation for Renewable technologies .....	20
2.6.2. Capacity credit for thermal .....	21
2.6.3. Capacity credits for ST-DRAP and MT-DRAP .....	21
2.7. INPUTS AND ASSUMPTIONS.....	23
2.7.1. Generation capacity mix of MSEDCL.....	23
2.7.2. Existing Planned portfolio .....	24
2.7.3. Demand projections and RAR estimation .....	25
2.7.4. Thermal generators .....	26
2.7.5. Thermal outages .....	27
2.7.6. Solar generators.....	27
2.7.7. Wind generators .....	29
2.7.8. Hydro generators.....	29
2.7.9. Bagasse and Nuclear generators .....	30
2.7.10. Energy storage systems .....	30
2.7.11. FDRE and Hybrid .....	31
2.7.12. RPO Targets .....	33
2.7.13. Available Transfer Capacity (ATC) Limits .....	33

2.8.	ASSESSMENT OF PLANNING RESERVE MARGIN .....	34
2.9.	ST-DRAP FOR MSEDCL .....	34
2.9.1.	ST-DRAP capacity mix projections for an optimal PRM of 7% .....	35
2.9.2.	ST-DRAP Capacity contract requirement for future .....	35
2.9.3.	ST-DRAP Compliancy to RAR and evaluation of Resource Gap.....	36
2.10.	MT-DRAP FOR MSEDCL.....	37
2.10.1.	MT-DRAP capacity mix projections for an optimal PRM of 7%.....	37
2.10.2.	MT-DRAP Capacity contract requirement for future.....	38
2.10.3.	MT-DRAP Compliancy to RAR and evaluation of Resource Gap .....	41
2.10.4.	MT-DRAP Compliancy to RPO targets.....	42
<b>3.</b>	<b>CHAPTER 4 - COMPARISON WITH RESOURCE ADEQUACY BY CEA .....</b>	<b>44</b>
	<b>CONCLUSION .....</b>	<b>46</b>
	<b>ANNEXURE I – LOLP AND NENS CALCULATION METHODOLOGY .....</b>	<b>48</b>
	<b>ANNEXURE II - DEMAND PROFILE FOR 2023-2024.....</b>	<b>49</b>
	<b>ANNEXURE III – CATEGORY WISE FORECAST .....</b>	<b>50</b>
	<b>ANNEXURE IV – AVERAGE EV LOAD PROFILE FOR MSEDCL .....</b>	<b>51</b>
	<b>ANNEXURE V – AVERAGE SOLAR ROOFTOP PROFILE FOR MSEDCL .....</b>	<b>52</b>
	<b>ANNEXURE VI – AVERAGE SOLAR PUMPS PROFILE FOR MSEDCL .....</b>	<b>53</b>
	<b>ANNEXURE VII – AVERAGE OPEN ACCESS PROFILE FOR MSEDCL .....</b>	<b>54</b>
	<b>ANNEXURE VIII – AVERAGE AGRICULTURAL LOAD SHIFT PROFILE FOR MSEDCL .....</b>	<b>55</b>
	<b>ANNEXURE IX –AVERAGE LOAD FORECAST PROFILE FOR MSEDCL .....</b>	<b>56</b>
	<b>ANNEXURE X – CONTRACTED COMMISSIONED CAPACITY OF MSEDCL (AS ON 31.03.2024).....</b>	<b>58</b>
	<b>ANNEXURE XI – RE PROFILES .....</b>	<b>60</b>
	<b>ANNEXURE XII – FDRE DEMAND PROFILE FOR MSEDCL .....</b>	<b>65</b>
	<b>ANNEXURE XIII – ATC LIMITS .....</b>	<b>65</b>
	<b>ANNEXURE XIV – CAPACITY CREDITS .....</b>	<b>66</b>
	<b>ANNEXURE XV – FIRM CAPACITY CALCULATED FOR MSEDCL’S DEMAND .....</b>	<b>67</b>
	<b>ANNEXURE XVI – SOURCE-WISE CAPACITY ADDITION PLAN OF MSEDCL .....</b>	<b>68</b>
	<b>ANNEXURE XVII – LIST OF EXISTING POWER PURCHASE AGREEMENT EXECUTED BY MSEDCL .....</b>	<b>70</b>

## Abbreviations

AFC	Annualised Fixed Cost
BESS	Battery Energy Storage System
CAGR	Compounded Annual Growth Rate
CEA	Central Electricity Authority
CUF	Capacity Utilization Factor
DRE	Distributed Renewable Energy
EENS	Expected Energy Not Served
EPS	Electric Power Survey
EV	Electric Vehicle
FDRE	Firm and Dispatchable Renewable Energy
IRP	Integrated Resource Planning
LCOE	Levelized Cost of Electricity
LoLH	Loss of Load Hours
LoLP	Loss of Load Probability
LP	Linear Programming
LT-DRAP	Long-term Distribution Resource Adequacy Plan
LT-NRAP	Long-term National Resource Adequacy Plan
MAPE	Mean Absolute Percentage Error
MERC	Maharashtra Electricity Regulatory Commission
MILP	Mixed Integer Linear Programming
MSEDCL	Maharashtra State Electricity Distribution Co. Ltd - Mahavitaran
MT-DRAP	Medium Term - Distribution Resource Adequacy Plan
MU	Million Units (1 MU = 1GWh)
NENS	Normalised Energy Not Served
PRM	Planning Reserve Margin

PSP	Pumped Storage Plant
PX	Power Exchange
RA	Resource Adequacy
RAR	Resource Adequacy Requirement
RPO	Renewable Purchase Obligation
RoR	Run-of-River
SARIMA	Seasonal Auto-Regressive Integrated Moving Average
SERC	State Electricity Regulatory Commission
ST-DRAP	Short-term Distribution Resource Adequacy Plan
ST-NRAP	Short-term National Resource Adequacy Plan
STU	State Transmission Utility
VC	Variable Cost

## List of Tables

Table 1: CAGR for annual forecasted category consumption.....	8
Table 2: Distribution of EV vehicles based on charging profiles.....	13
Table 3: Distribution of solar pumps .....	13
Table 4: Y-o-y Solar PV addition for MSEDCL.....	14
Table 5: y-o-y Solar rooftop capacity addition for MSEDCL.....	14
Table 6: y-o-y Solar rooftop capacity addition for MSEDCL.....	15
Table 7: Analysis of effect of impacts on the final forecasted demand (in MU) .....	16
Table 8: Future contracted capacities for MSEDCL .....	23
Table 9: Existing planned portfolio considered in study(in MW) .....	25
Table 10: Demand projections for MSEDCL.....	25
Table 11: Coincident national peak and provisional national RAR for MSEDCL .....	26
Table 12: Contracted thermal-coal capacities considered in study .....	26
Table 13: Parameters of the new thermal capacities.....	27
Table 14: Summary of the outage rates of thermal plants.....	27
Table 15: Parameters of Solar generators .....	28
Table 16: Contracted solar capacities considered in study . .....	28
Table 17: Parameters of Wind generators.....	29
Table 18: Contracted hydro capacities considered in study.....	29
Table 19: Additional Contracted Bagasse capacities considered in study.....	30
Table 20: Parameters of Energy Storage Systems .....	31
Table 21: Additional Contracted PSP capacity considered in study. ....	31
Table 22: FDRE modelling inputs. ....	32
Table 23: Solar and Wind inputs for FDRE modelling .....	32
Table 24: Additional Contracted FDRE and hybrid capacity considered in study.....	33
Table 25: RPO targets used for the study .....	33
Table 26: ST-DRAP Optimal capacity mix (in MW) at 7% PRM .....	35
Table 27: ST-DRAP Capacity (in MW) contract requirement for future .....	35
Table 28: Compliancy of ST-DRAP (in MW) with RAR at optimal PRM .....	36
Table 29: Resource gap (in MW) estimation for ST-DRAP .....	37
Table 30: MT-DRAP Optimal capacity mix (in MW) at 7% PRM.....	37
Table 31: MT-DRAP Capacity addition (in MW) required beyond the plan considered in study for the optimal PRM. ....	38
Table 32: MT-DRAP Capacity (in MW) contract requirement for future .....	39
Table 33: Current Capacity Addition Plan of MSEDCL .....	40
Table 34: As per Resource Adequacy study, cumulative Capacity Mix with current capacity addition plan of MSEDCL. ....	40
Table 35: Compliancy of MT-DRAP (in MW) with RAR at optimal PRM .....	41
Table 36: Resource gap (in MW) estimation for MT-DRAP .....	42
Table 37: Comparison of demand projections as per the RA study by CEA and MSEDCL .....	44
Table 38: Comparison of the optimal capacity mix as per the RA study by CEA and MSEDCL.....	45

## List of Figures

Figure 1: Annual demand and peak demand FY'13 to FY'24 .....	5
Figure 2: Annual forecasted category consumption for MSEDCL.....	8
Figure 3: Transmission loss (as %) forecast for MSEDCL.....	9
Figure 4: Distribution loss (as %) forecast for MSEDCL.....	9
Figure 5: Demand (After T&D losses) and load factor projections .....	10
Figure 6: Forecasted peak demand .....	10
Figure 7: Electric Demand Forecast Framework.....	11
Figure 8: MSEDCL EV demand (in MU) forecast .....	12
Figure 9: Annual demand and peak demand excluding open access demand .....	16
Figure 10: Annual demand and peak demand including open access demand.....	16
Figure 11: Methodology of Resource Adequacy study .....	18
Figure 12: Approach and methodology of Integrated Resource Planning .....	19
Figure 13: Generation of scenarios and simulations .....	20
Figure 14: Illustrative example for estimation of capacity credits .....	21
Figure 15: Contracted commissioned capacity (in MW) for MSEDCL as of 2023-24 .....	23
Figure 16: Dispatch for a scenario 's' in a particular year .....	48

# 1. Chapter 1 – Resource Adequacy Framework

## 1.1. Introduction to Resource Adequacy

A reliable electricity supply is the backbone of a country's economy. Resource adequacy is fundamental for planning and providing reliable electricity services. When the system was predominantly fossil fuel-based, planning was done according to the peak load. These power generators could increase and decrease their supply based on the demand. However, the increasing share of intermittent and uncertain renewable generation necessitates robust planning frameworks for all hours of the year to ensure reliability. For instance, during evening hours, generation from solar quickly drops, making the net demand curve very steep and requiring the availability of flexible generation that can ramp up quickly. Similarly, wind generation can vary significantly on a slot-to-slot or seasonal basis or even across different years. Adequate available capacity is required to ensure that the demand is met during these periods. Resource adequacy is the availability of enough resources in the power system to the system operator to meet future load while accounting for uncertainty in both generation and load. It is often the case that the generation would be lesser than the installed capacity during the peak hours. This can be caused due to various reasons such as variation in RE generation, variation in generation from conventional plants and variation in load. In other words, the effective capacity of the generation resources during peak hours could be less than the installed capacity due to the above-mentioned reasons. In the event of any unforeseen load increase or generation reduction during the peak hours (or hours of system stress), there could be a possibility that the system may be unable to meet the demand (loss of load).

Therefore, to reduce the loss of load incidents, the effective generation capacity (firm capacity) should be planned in a manner that a certain reserve margin can be kept, over and above the expected peak demand, which can cover up incidents of sudden increase of load or sudden decrease of generation. Firm capacity represents the amount of power the generator can reliably provide. Reserve margins, or Planning Reserve Margin (PRM), forms the basis of Resource Adequacy. Resource adequacy studies are conducted to estimate the reserve margin required to meet the reliability target of the system.



## **1.2. Resource Adequacy framework in India**

Ministry of Power has notified Electricity (Amendment) Rules, 2022 in December 2022. Rule 16 (I) of the said rules stipulates that “A guideline for assessment of resource adequacy during the generation planning stage (one year or beyond) as well as during the operational planning stage (up to one year) shall be issued by the Central Government in consultation with the Authority”. Accordingly, the Resource Adequacy Guidelines were notified in June 2023 by the Ministry of Power in consultation with the Central Electricity Authority.

India has significant diversity in demand patterns. Resource Adequacy framework guidelines provide an institutional mechanism from the national level to the DISCOM level, ensuring resources are available to meet demand at every level. Therefore, to ensure Resource Adequacy CEA shall publish an LT-NRAP which shall determine the optimal PRM requirement at the All-India level conforming to the LOLP and NENS targets.

- LT-NRAP shall publish the national-level PRM as a guide for all the States/UTs to consider while undertaking their RA exercises.
- The report shall also publish the Optimal Generation mix for the next 10 years required to ensure that the national-level system is RA compliant while meeting the All-India demand at least-cost. This shall guide capacity buildout investments in the country.
- The report shall also publish the capacity credits for different resource types on a regional basis.
- The report shall specify the State/UT’s contribution towards national peak.

NLDC shall annually publish a one-year look-ahead Short-term National Resource Adequacy Plan (ST-NRAP) which shall include parameters such as demand forecasts, resource availability based on under-construction status of new projects, planned maintenance schedules of existing stations, station-wise historic forced outage rates and decommissioning plans.

NLDC shall aggregate the contracted capacities at the national level and check compliance with ST-NRAP and identify shortfall for the ensuing year, if any. In case of shortfall, NLDC shall either communicate the shortfall to the SERC for compliance or facilitate a national-

level auction for the balance capacity with participation from distribution licensees with capacity shortfall. The SERCs shall be responsible for the Resource Adequacy compliance by Discoms.

Resource Adequacy framework shall cover following important steps such as demand assessment and forecasting; Generation resource planning; Procurement planning; Monitoring and compliance. Each Distribution licensee shall undertake a Resource Adequacy Plan (RAP) for a 10-year horizon (Long-term Distribution Licensee Resource Adequacy Plan (LT-DRAP)) to meet their own peak and electrical energy requirement. The distribution licensees shall take inputs if required from the LT-NRAP like PRM, capacity credits, etc., while formulating their LT-DRAP and submit their plans to CEA.

To formulate LT-DRAP, the distribution licensees shall take inputs if required from the LT-NRAP like PRM, capacity credits, etc., and submit their plans to CEA. After being vetted by CEA, the plan LT-DRAP along with details for meeting the RAR of national peak for the utility may be submitted to SERC/JERC. The LT-DRAP shall be carried out by the distribution licensees on an annual rolling basis considering the contracted capacity as a part of the system and shall optimize for additional capacity required.

### **1.3. MERC Resource Adequacy Framework**

Following the guidelines formulated by CEA, Maharashtra Electricity Regulatory Commission (MERC) has issued regulations - Maharashtra Electricity Regulatory Commission (Framework for Resource Adequacy) Regulations, 2024 to enable the implementation of Resource Adequacy framework by outlining a mechanism for planning of generation and transmission resources for reliably meeting the projected demand in compliance with specified reliability standards for serving the load with an optimum generation mix. The distribution licensee shall develop and prepare Long-Term Distribution Resource Adequacy Plan (LT-DRAP), Medium-Term Distribution Resource Adequacy Plan (MT-DRAP), and Short-Term Distribution Resource Adequacy Plan (ST-DRAP).

Long-term National Resource Adequacy Plan (LT-NRAP) and Short-term National Resource Adequacy Plan (ST-NRAP) reports shall act as guidance for the distribution licensee(s) for undertaking the Resource Adequacy exercises. Based on the allocated share in national peak

provided in LT-NRAP for the State, STU/MSLDC shall allocate each distribution licensee's share in the state peak within 15 days of the publication of LT-NRAP based on average of the percentage share in the state coincident peak demand (CPD) and percentage share in the state non-coincident peak demand (NCPD).

The distribution licensee shall share CC factors for their contracted resources along with justification for its computations with MSLDC along with its 1-year short-term (ST) and 5-year medium-term (MT) forecasts. MSLDC shall calculate state-specific CC factors considering the aggregate State Demand and State Net Load and contracted RE generation resources available in the State and shall submit such CC factor information to the Authority and NLDC and RLDC from time to time.

Short term Distribution Resource Adequacy Plan (ST-DRAP) is conducted on an annual basis for operational planning, at the state level based on the LT-DRAP study results. The ST-DRAP involves plan for assessment and meeting of short-term resource adequacy, i.e., for a planning horizon of 1 year. The distribution licensee shall demonstrate to the Commission 100% tie-up for the first year. A minimum 90% tie-up for the second year to meet the requirement of their contribution towards meeting state peak. These plans also factors in the (Renewable Purchase Obligations) RPO mandate.

Medium term Distribution Resource Adequacy Plan (MT-DRAP) is conducted on an annual basis for operational planning. The MT-DRAP involves plan for assessment and meeting of medium-term resource adequacy, i.e., for a planning horizon of 5 years. The MT-DRAP shall be carried out by the distribution licensee on an annual rolling basis considering the contracted capacity as a part of the system and shall optimize for additional capacity required. The distribution licensee through MT-DRAP, shall demonstrate to the Commission their plan to meet their RAR with a mix of Long-term, Medium-term, and Short-term contracts. The distribution licensee shall keep minimum 70% of RAR through Long-term contracts, minimum 20% of RAR through Medium-term contracts, and the rest to be met through Short-term contracts.

***In view of the above requirements and to develop a resource adequacy plan, MSEDCL has appointed an agency with expertise on the subject, M/s Deloitte Touche Tohmatsu India LLP as consultants to conduct the Resource Adequacy study following the framework set by Hon'ble MERC.***

## 2. Chapter 2 – Demand Assessment and Forecasting

Demand assessment and forecasting is an important step for Resource Adequacy assessment. Long-term load forecasting is a critical aspect of energy planning, aiming to predict future electricity demand over extended periods, typically ranging from several months to years ahead. It plays a crucial role in capacity expansion planning of generation, transmission, and distribution systems.

Regulation 6.1. of the MERC Resource Adequacy Regulations, 2024 entails the scope of demand forecasting for MSEDCL. Following Regulation 6.4 of the MERC Resource Adequacy Regulations, 2024, the demand forecasting is conducted by utilizing the category wise consumption data for various categories. The category-wise demand has been projected based on a combination of SARIMA and econometric methodologies.

### 2.1. Historical Demand of MSEDCL

In FY 2023-24, MSEDCL experienced a total demand of 170.8 billion units (BU), with a peak demand of 24,100 megawatts (MW). The compound annual growth rate (CAGR) of demand spanning FY 2012-13 to FY 2023-24 stands at approximately 4.8% and at a rate of 4.7% for peak demand.

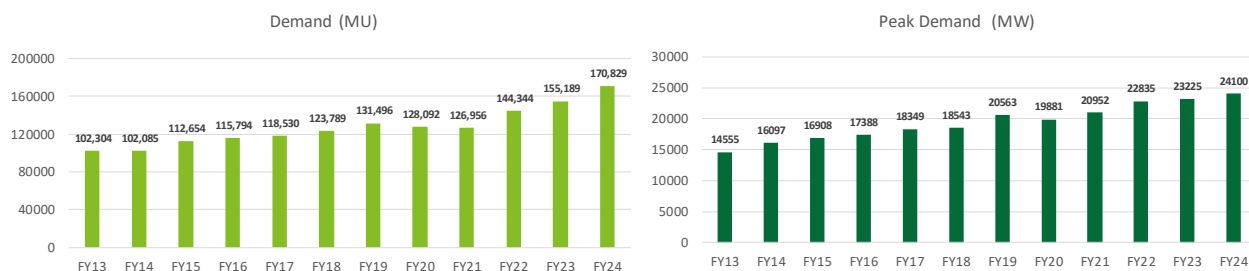


Figure 1: Annual demand and peak demand FY'13 to FY'24

### 2.2. Approach and Methodology

MSEDCL's business interests serve the major consumer categories; Domestic, Commercial, LT Industries, HT Industries, Public Water Works (PWW), Streetlight, and Agriculture. To forecast the overall demand of MSEDCL, a hybrid model approach is employed, combining both time series and econometric models. In this approach, the consumption of some

categories is forecasted using a time series model, while others are forecasted using an econometric model, ensuring a more accurate prediction for each category.

A Seasonal Auto-Regressive Integrated Moving Average (SARIMA) model captures the dependencies in a time series by incorporating both the lagged values of the series (to model the trend and autocorrelation) and seasonal components (to model periodic fluctuations). Categories like Public water works, Street Light and Others are forecasted using time series model.

In the econometric model, annual energy requirement is predicted using several independent features like GDP, Temperature etc. All the features which were highly correlated to category consumption categories are used to conduct demand forecasting. Consumer consumption categories like Domestic, Commercial, Agriculture, LT, and HT Industries, which exhibit a high correlation with independent features such as GDP and weather variables, have been forecasted using the econometric model.

Data collection involved gathering information on key economic factors, such as the GDP (at constant price) of the state. Additionally, weather data, including temperature fluctuations, precipitation levels, and seasonal variations, were also incorporated into the analysis. Following data points were collected from public domain which are used in the model.

Gross Domestic Product (GDP) is utilized to gauge the impact of economic growth trends on demand. Meteorological factors, such as temperature and precipitation from five different locations in Maharashtra—Nashik, Kolhapur, Nanded, Pune, and Nagpur—are integrated to assess how weather changes influence demand. Additionally, lagged variables, representing past values of the variables, are employed to incorporate seasonality and cyclical patterns in the data. All features that are highly correlated with demand are then used to conduct accurate demand forecasting.

The econometric model requires various variables for demand forecasting. These include monthly GDP of Maharashtra, average monthly maximum-minimum temperature and average temperature of different locations, total monthly precipitation of different locations. Additionally, monthly and yearly lagged demand of MSEDCL are utilized to incorporate the

seasonality and cyclical patterns in the demand data. The data mentioned above have been procured for a period of FY 2012-13 to FY 202324.

### Assumptions:

Consumption and Demand data from March 2020 to March 2021 (Covid years) has not been considered in model training by MESDCL and following assumptions are taken for future years while forecasting demand:

1. The assumed GDP for future years is projected using linear regression model by giving past years real GDP data as an input.
2. Time series-based SARIMA model is used to obtain the future values of meteorological parameters.

### 2.3. Model Building

After cleaning and pre-processing, the data was divided into training and testing sets in a split ratio of 80/20 i.e., 80% of the data was used to train the models and 20% data was used to test the accuracy of the models. Various types of econometric and regression-based models were trained and tested. The accuracy of these models was assessed using the following performance indicators:

Mean Absolute Percentage Error (MAPE) and R<sup>2</sup> Coefficient. **Mean Absolute Percentage Error (MAPE):** is a measure of prediction error of a forecasting method. It usually expresses the error (%) as a ratio defined by the formula.

$$MAPE(\%) = \frac{100}{n} \sum_{i=0}^n \left| \frac{A_i - F_i}{A_i} \right|$$

**R<sup>2</sup> Coefficient** is a statistical measure used to evaluate the goodness of fit of a regression model. It indicates the proportion of the variance in the dependent variable that is predicted from the independent variables it can be expressed by the formula.

$$R^2 = 1 - \frac{\sum(A_i - F_i)^2}{\sum(A_i - \bar{A}_i)^2}$$

Where A<sub>i</sub> is actual demand, F<sub>i</sub> is forecasted demand, and  $\bar{A}_i$  is Average demand.

Higher R-squared score and lower MAPE indicate a better-performing model. Multi Linear Regression (MLR) model outperformed all other forecast models in accuracy and hence was

used to forecast category wise consumption. The model achieved an R<sup>2</sup> coefficient of 0.96 and a MAPE of 4.07%.

## 2.4. Results of demand forecasting

### 2.4.1. Category-wise demand forecast

The year-on-year consumption of each category is depicted in the illustration below, showing **a Compound Annual Growth Rate (CAGR) of 5.07%** for total consumption from FY 2024-25 to FY 2034-35. The y-o-y values are provided in Annexure III.

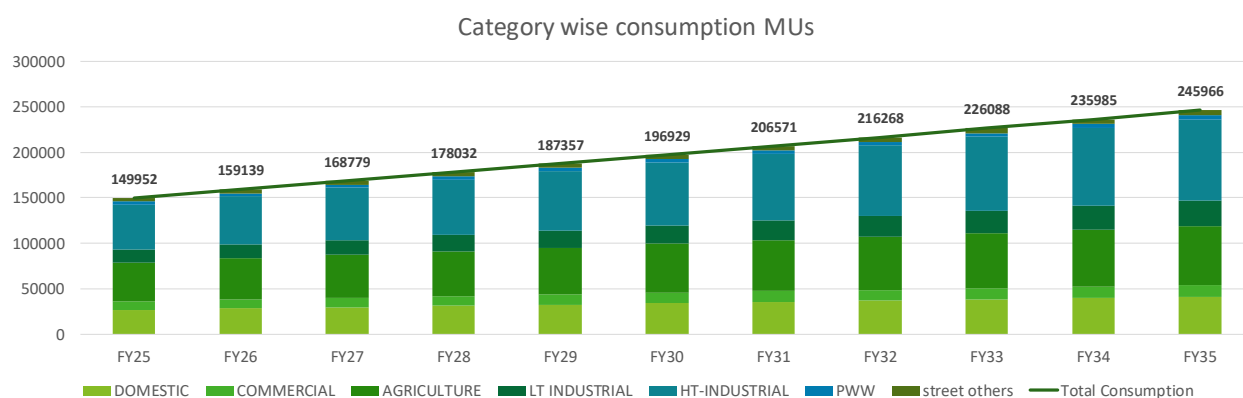


Figure 2: Annual forecasted category consumption for MSEDCL

The CAGR observed for different durations is shown in the table below. The CAGR for the future period from FY25 to FY35 is higher than the historical CAGR from FY13 to FY24. This increase is attributed to the high growth rate in consumption observed in recent years across most categories, as shown in the table.

Table 1: CAGR for annual forecasted category consumption

Year	Domestic	Commercial	Agriculture	LT Industries	HT Industries	PWW	Streetlight and Others	Total
FY13 - FY24	4.47%	3.30%	6.33%	5.58%	4.67%	3.27%	1.91%	4.93%
FY18 - FY24	4.21%	4.16%	5.43%	6.43%	5.76%	3.90%	2.20%	5.17%
<b>FY25 - FY35</b>	<b>4.31%</b>	<b>3.50%</b>	<b>4.17%</b>	<b>7.23%</b>	<b>6.14%</b>	<b>3.18%</b>	<b>2.05%</b>	<b>5.07%</b>

### 2.4.2. Transmission and Distribution Loss Forecast

As per Regulation 6.13 of MERC Resource Adequacy Regulations, 2024, has calculated the load forecasts by considering a loss trajectory as well.

Based on the historical data of transmission losses, the total transmission loss percentage is forecasted from FY25 to FY35, as illustrated in the graph below. A time series model (SARIMA) is used to project the transmission loss for FY25 and FY26, after which it is fixed at 3.30% for the remainder of the period until FY35. It has been observed that transmission losses have been increasing annually over the past four years.



Figure 3: Transmission loss (as %) forecast for MSSEDCL

The total distribution loss percentage is forecasted from FY25 to FY35, as illustrated in the graph below. A time series model (SARIMA) is trained on monthly data of distribution losses from FY11 to FY24, excluding the COVID-19 years.

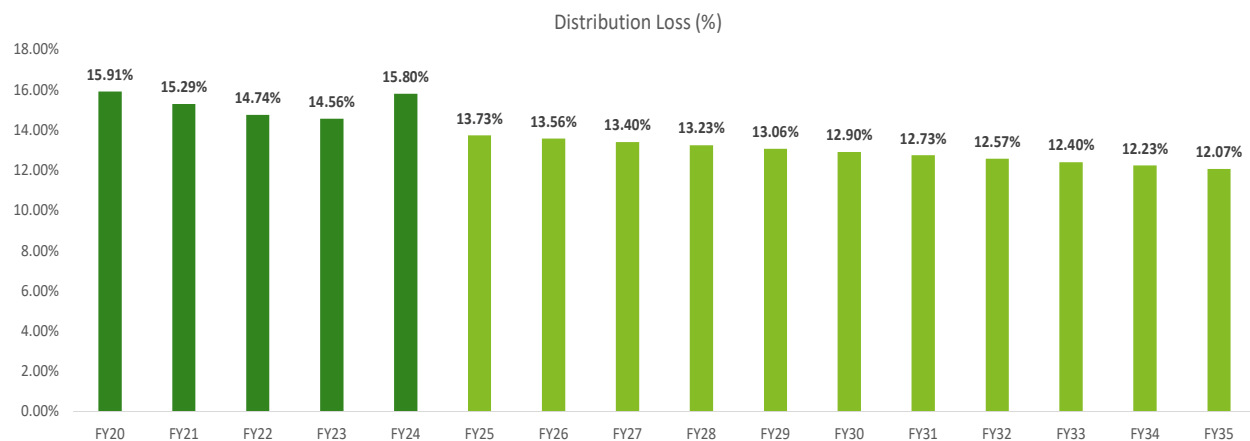


Figure 4: Distribution loss (as %) forecast for MSSEDCL



### 2.4.3. Demand (MUs) and Peak demand (MW) forecast

The Demand is calculated after considering the transmission and distribution losses. Initially, distribution losses are applied to consumption values, followed by transmission losses to arrive at the final demand. This approach ensures that the calculated demand accurately reflects the energy lost during the distribution and transmission phases.

To forecast future load factors, the Ordinary Least Squares (OLS) method is employed, utilizing historical load factor data as the input.

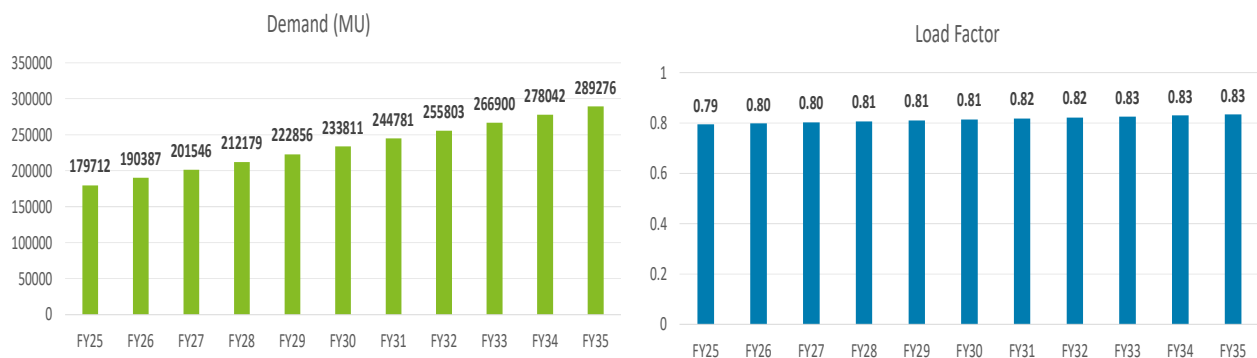


Figure 5: Demand (After T&D losses) and load factor projections

The peak demand is calculated using the forecasted demand and the corresponding projected load factor values for the respective years. Since the impact of emerging trends is not reflected in the previous year's data, the peak demand is calculated using this method and incorporate emerging factors such as EV demand, open access (OA) demand, solar pumps, solar rooftops, and agricultural load shifts to arrive at the final peak demand values.

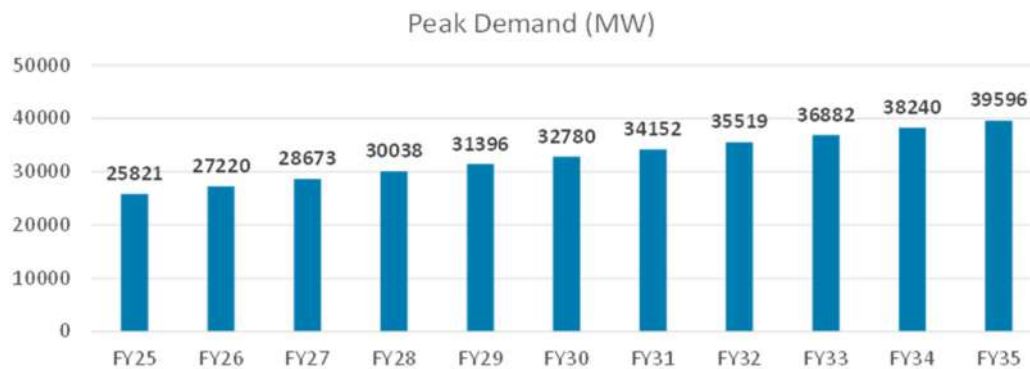


Figure 6: Forecasted peak demand

### 2.4.4. Emerging Impacts and Hourly Forecast

Further, as per Regulation 6.9 of Hon'ble MERC Resource Adequacy Regulations, 2024, MSEDCL has additionally considered impact of policy interventions including (i) promotion of Electric Vehicles, (ii) Roof Top Solar (RTS), (iii) Solar pumps, (iv) shifting of agricultural load and (v) open access.

### Electric Vehicle Demand

Based on historic growth in automobiles in Maharashtra, MSEDCL has estimated state's automobile industry trajectory till 2035. Further trajectory of EV sales penetration till 2035 has been made based on India's EV sales growth. Product of both these parameters has been used to determine total number of EVs (belonging to different categories such as E-buses, passenger vehicle, commercial vehicles etc.) on road in state for each year (till 2035).

The annual EV demand of the state is forecasted in following steps:

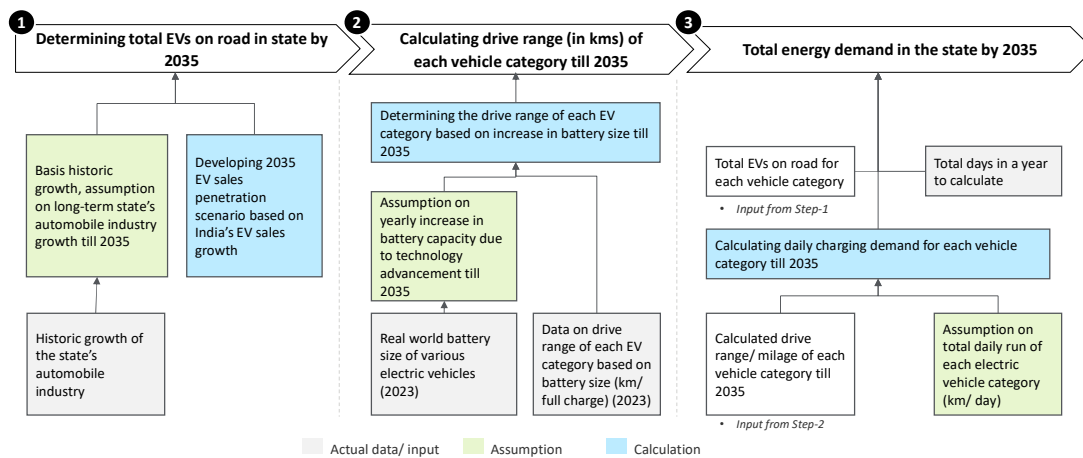


Figure 7: Electric Demand Forecast Framework

1. The total number of automobiles sales year on year is calculated based on the Compound Annual Growth Rate (CAGR) of different vehicles categories like two-wheelers, three-wheelers, buses, commercial vehicles, and passenger vehicles.
2. Two scenarios high growth and low growth have been developed based on the total penetration of electric vehicle categories (2-wheeler, 3-wheeler etc.) sales in India by FY35.

3. By taking assumptions on the yearly increase in battery capacity due to technological advancements and utilizing data on the current drive range of each EV category based on battery size (kWh), the drive range of each EV category is calculated till FY35.
4. Using the driving range and the total number of electric vehicles in each category, along with assumptions on the total daily distance traveled by each electric vehicle category (km/day), the annual EV demand for each category in both scenarios is forecasted using the formula below:

*EV Demand*

$$= \frac{\text{Total no. of EV vehicles} * \text{Battery Size(kWh)} * \text{Distance Travelled} \left(\frac{\text{km}}{\text{day}}\right) * 365}{\text{Driving Range (km)}}$$

A medium growth scenario which is average of low growth and high growth scenario is used in the forecast. The annual EV demand (MUs) is shown in the below illustration.

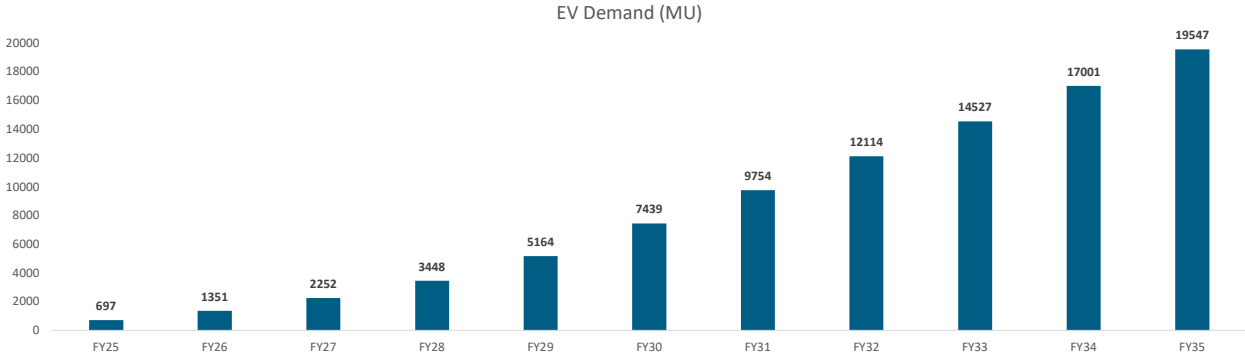


Figure 8: MSEDCL EV demand (in MU) forecast

Once the annual electric vehicle (EV) demand is calculated, hourly EV demand profile is forecasted for future years. Two profiles are utilized to determine the hourly distribution of EV demand: the night charging profile (domestic) and the day charging profile (commercial). The projected number of EV vehicles in each category is allocated according to these profiles, specifying whether they will be charged during the day or at night. The change in the domestic and commercial charging profile’s distribution over the years is considered due to implementation of TOD (Time of Day) tariff in the future years, where prices will be much

cheaper in the solar hours. The distribution of EV vehicles following these profiles for each category is shown in the table.

Table 2: Distribution of EV vehicles based on charging profiles

Category	FY'25		FY'35	
	Domestic	Commercial	Domestic	Commercial
<b>Passenger Vehicles</b>	80%	20%	30%	70%
<b>Commercial Vehicles</b>	80%	20%	60%	40%
<b>Buses</b>	50%	50%	50%	50%
<b>3 Wheelers</b>	80%	20%	40%	60%
<b>Passenger Vehicles</b>	80%	20%	30%	70%

This hourly EV demand forecast is then added into hourly demand forecast of forecasting horizon.

### Solar Pumps Impact

GoM issued guidelines for installation of solar pumps under Pradhan Mantri Kisan Urja Suraksha Evam Utthan Mahabhiyan (KUSUM)-Component B approved by MNRE, New Delhi, GOI, for which MSEDCL is State Implementing Agency. Based on the solar pump's addition plan, the year-on-year solar pump addition trajectory up to 2030 is taken. Using this data, total number of solar pumps for each year is calculated. The distribution of solar pumps according to their capacity (i.e., 3 HP, 5 HP, 7.5 HP) is also taken from the plan and are provided below.

Table 3: Distribution of solar pumps

	3 HP	5 HP	7.5 HP
<b>Percent Share</b>	60%	30%	10%
<b>Solar PV Capacity (Wp)</b>	2700	4800	6750

Using these figures, the total number of solar pumps for each capacity type up to 2030 is determined. Subsequently, the total solar PV capacity was calculated based on the pump capacities, adhering to the minimum standards set by the MNRE scheme. The current solar

PV capacity is removed from the coming years because its impact is already considered in the FY24 demand. From 2030 to 2035, the solar PV capacity is projected to increase at the same rate as the demand (4.9%).

Table 4: Y-o-y Solar PV addition for MSEDCL

	FY25	FY26	FY27	FY28	FY29	FY30	FY31	FY32	FY33	FY34	FY35
<b>Year wise solar pumps addition (units)</b>	100,000	100,000	150,000	150,000	150,000	50,000	34,270	35,877	37,751	39,625	41,499
<b>Solar PV Capacity Addition (MW)</b>	374	374	560	560	560	187	128	134	141	148	155

An assumed solar Capacity Utilization Factor (CUF) of 18% is used to estimate the hourly impact of solar pumps.

### Rooftop Solar Impact

The year-on-year solar rooftop addition trajectory up to 2030 is assumed considering the policy PM Surya Ghar: Muft Bijli Yojana. Beyond FY30, solar rooftop installations are expected to grow at the same CAGR of 4.9% as forecasted for demand. Like solar pumps, an assumed solar Capacity Utilization Factor (CUF) of 18% is used to estimate the hourly impact of rooftop solar.

Table 5: y-o-y Solar rooftop capacity addition for MSEDCL

	FY25	FY26	FY27	FY28	FY29	FY30	FY31	FY32	FY33	FY34	FY35
<b>Solar Rooftop Addition (MW)</b>	281	399	559	782	1095	1533	265	280	296	313	331

### Agricultural load shift

In order to provide a daytime power supply to the Agricultural consumers in the state, Government of Maharashtra has declared a long-term plan under Mukhyamantri Saur Krishi Vahini Yojana (MSKVY). Under this scheme, it has planned to install decentralized solar power projects at the distribution substation level. MSEDCL has been working towards

shifting agricultural power supply from night-time to daytime to coincide with solar generation hours as per the solar capacity addition under MSKVY. The impact of agricultural load shifting is considered according in line with solar capacity addition plan. Through the expected planned solar capacity addition, the agricultural load is shifted from non-solar hours to solar hours. In 2029-30, around 4427 MW (Yearly average) agricultural load is shifted from night hours to day hours. The hourly average agricultural load shift profile for the future years have been provided in the **Annexure VIII**.

### Open Access Demand

The share of open access contribution from conventional sources, non-solar renewables and solar at a 15-minute resolution for FY24 is considered. Conventional open access demand from FY25 to FY35 is kept the same as in FY24. Over the last four years, the CAGR of renewable open access demand at the all-India level has been around 25% (40% for solar and 10% for non-solar renewables). However, this percentage growth is reduced to 4.9% (the CAGR of the model demand forecast) by FY35, as shown in the table below.

Table 6: y-o-y Solar rooftop capacity addition for MSEDCL

	FY25	FY26	FY27	FY28	FY29	FY30	FY31	FY32	FY33	FY34	FY35
Solar Open Access	40%	40%	30%	20%	15%	10%	9%	8%	7%	6%	4.9%
Non-Solar RE Open Access	10%	10%	9%	9%	8%	8%	7%	7%	6%	6%	4.9%
<b>Total Open Access Addition (MW)</b>	<b>510</b>	<b>707</b>	<b>741</b>	<b>647</b>	<b>586</b>	<b>457</b>	<b>451</b>	<b>439</b>	<b>414</b>	<b>383</b>	<b>330</b>

#### 2.4.5. Final long term demand forecast

After obtaining the hourly profiles for rooftop solar, solar pumps, and open access demand, the final ultimate demand profile is created by subtracting these profiles from the overall demand profile. The y-o-y transmission and distribution losses are considered as well.

The annual demand and peak demand of MSEDCL excluding open access demand is shown in the below illustration.

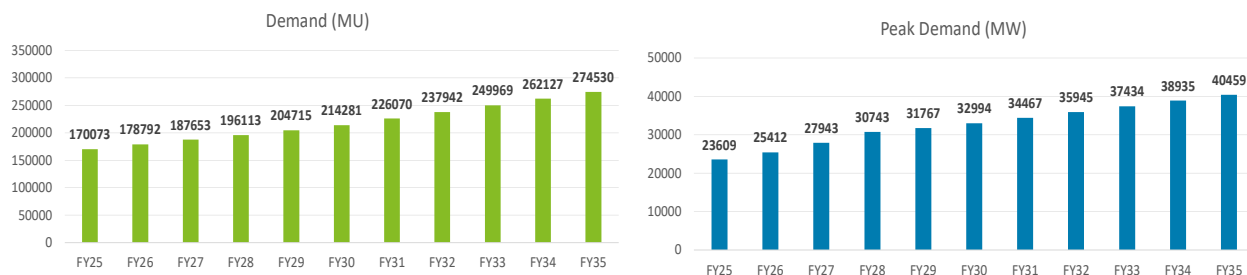


Figure 9: Annual demand and peak demand excluding open access demand

The annual demand and peak demand of MSEDCL including open access demand is shown in the below illustration.

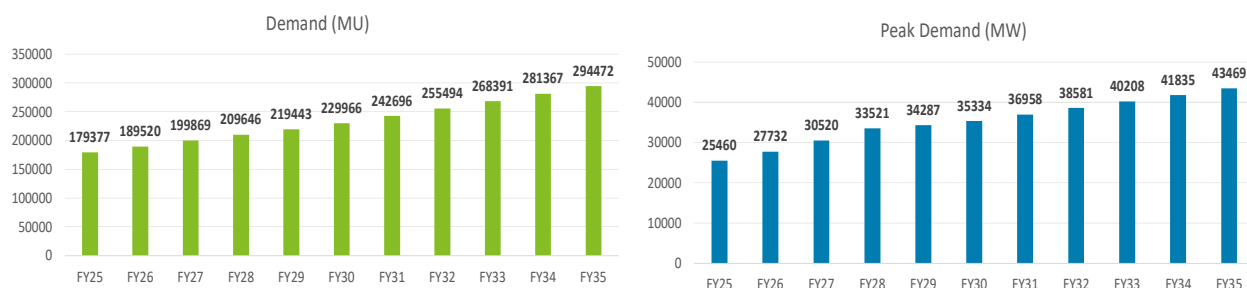


Figure 10: Annual demand and peak demand including open access demand

### 2.4.6. Analysis of the energy and peak demand

The year on year forecasted model demand and the impacts of other factors are shown in the table below. The total demand is the sum of all the columns.

Table 7: Analysis of effect of impacts on the final forecasted demand (in MU)

	Model Forecast	EV Demand	Rooftop	Solar Pump	Open Access	Total Demand
<b>FY25</b>	179712	697	442	589	9304	170073
<b>FY26</b>	190387	1351	1071	1178	10728	178760
<b>FY27</b>	201546	2252	1952	2061	12216	187569
<b>FY28</b>	212179	3448	3185	2945	13533	195964
<b>FY29</b>	222856	5164	4912	3828	14728	204552

	Model Forecast	EV Demand	Rooftop	Solar Pump	Open Access	Total Demand
<b>FY30</b>	233811	7439	7329	4123	15685	214113
<b>FY31</b>	244781	9754	7688	4325	16626	225897
<b>FY32</b>	255803	12114	8064	4536	17552	237764
<b>FY33</b>	266900	14527	8460	4759	18422	249786
<b>FY34</b>	278042	17001	8874	4992	19239	261939
<b>FY35</b>	289276	19547	9309	5237	19942	274335

### Chapter 3 – MSEDCL Resource Adequacy Study



As per Regulation 9.1 of MERC Resource Adequacy Regulations, 2024, after the demand assessment and forecasting MSEDCL has carried out the following steps as part of generation resource planning: (a) capacity crediting of generation resources, (b) assessment of planning reserve margin, and (c) ascertaining resource adequacy requirement.

The study has provided crucial inputs for understanding the operational efficiency and reliability of each resource. MSEDCL has listed the existing contracted resources, upcoming resources along with all the details as required in Regulation 9.2, 9.3 and 9.4. . The same is attached in **Annexure-X**.

## 2.5. Approach and methodology

The Resource adequacy study follows a very intricate methodology which follows Integrated Resource Planning followed by series of stochastic simulations which is explained in Figure 11. The approach and methodology are discussed below:

**Step 1:** An Integrated Resource Planning model is run, with a nominal PRM value to determine the optimal capacity.

**Step 2:** Hourly Dispatch of the capacities determined from the IRP is run on various future scenarios created using stochastic simulations.

**Step 3:** From the dispatch studies, the LOLP and NENS values are calculated and compared with the reliability target.

**Step 4a:** if the LOLP and NENS are higher than the reliability targets, the PRM is increased and steps 1 – 3 are re-run.

**Step 4b:** If the reliability targets are met, then the selected PRM can be taken as the required PRM for system reliability and further resource planning.

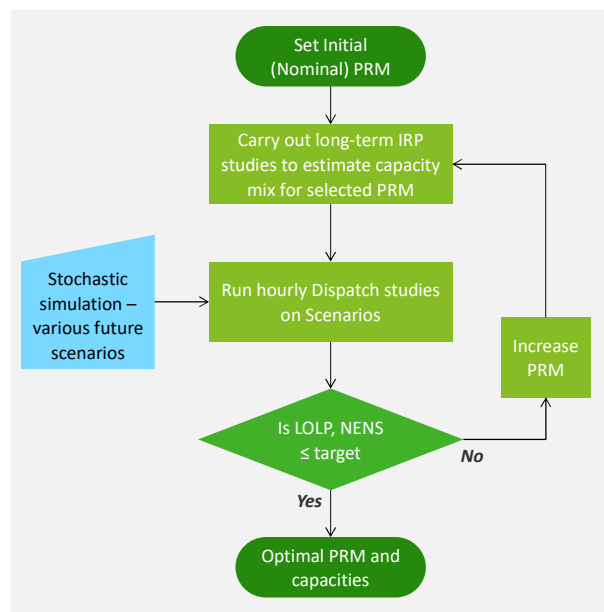


Figure 11: Methodology of Resource Adequacy study

### 2.5.1. Integrated Resource Planning

An IRP exercise requires a vast variety of inputs, such as demand profiles, demand growth rates, contracted capacities, costs for new capacities, etc. The model is usually developed using a Mixed Integer Linear Programming (MILP) framework, to simulate the demand and supply positions with due recognition of the various operational constraints. Figure 12 showcases the skeleton of the IRP model. The model undertakes a least-cost generation optimization to meet the demand such that it minimizes the overall system cost - including capital costs of setting new generation sources, operations and maintenance costs, costs to procure spinning reserves, transmission cost, etc. The optimization includes all constraints related to power plant operations like ramp-up / ramp-down limits, generation limits, energy storage operations, interconnection limits (import/export), renewable addition targets, retirement schedules of existing generation plants, etc.

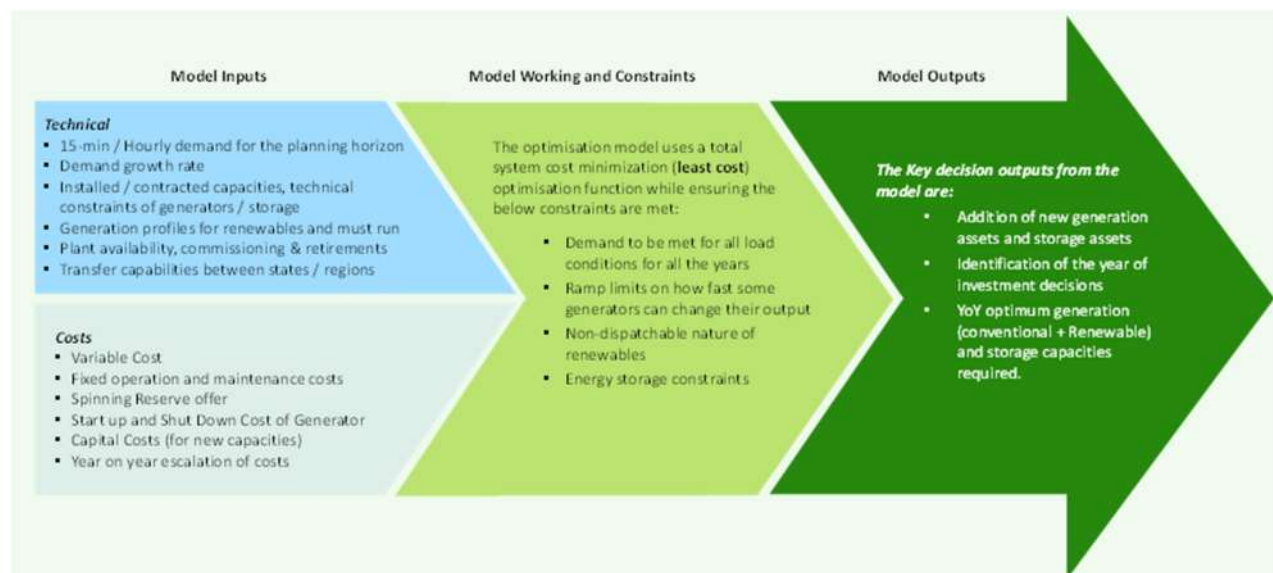


Figure 12: Approach and methodology of Integrated Resource Planning

### 2.5.2. Stochastic scenario generation and simulations

Once the capacities for a particular PRM are obtained using the IRP model, dispatch simulations for various scenarios are run using the capacities and the reliability indices are calculated. These scenarios are calculated by simulation of load, generation outage and VRE / must-run uncertainty. Scenarios are created through a combination of these simulations as shown in figure below.

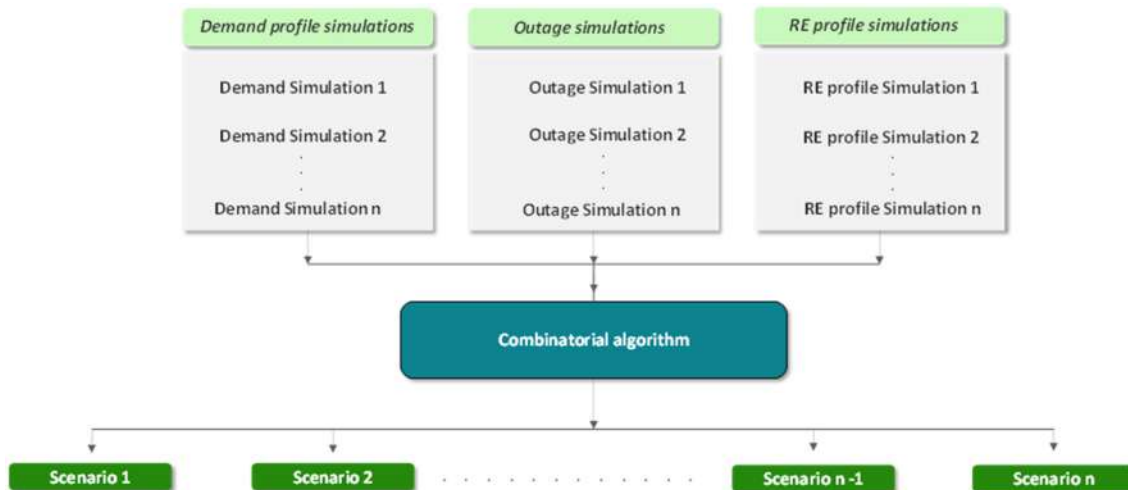


Figure 13: Generation of scenarios and simulations

Dispatch analysis is carried out for all the scenarios to calculate the reliability of the system. If the reliability is lower than the target, the IRP is run with a higher PRM, and the dispatch analysis is carried out on the new capacity mix at higher PRM. This process is continued until the reliability target is met. The methodology of calculating the LoLP and NENS are provided in the **Annexure - I**.

## 2.6. Capacity credit estimation methodology

Capacity credit (CC) is a metric used to indicate an electric generator's ability to meet peak demand in a power system. Each generator can provide a firm capacity, which represents the amount of power the generator can reliably provide. Capacity credit expresses firm capacity as a percentage of the installed nameplate capacity.

### 2.6.1. Capacity credit estimation for Renewable technologies

Capacity credit of the renewable technologies can be estimated by using two methodologies:

1. Capacity credit approximation with Top Demand Hours: In this case, a basic approximation of capacity credit can be obtained by averaging the historical contribution of a generator / generator class during peak demand hours. In this study capacity credit for the existing resources can be obtained by averaging the historical contribution of a generator / generator class during top 10% peak demand hours.

2. Capacity credit approximation with Top Net Demand Hours: In this method, capacity credit can be obtained by averaging the contribution of a generator / generator class during top net load hours. In this study as per the CEA Resource Adequacy guidelines, capacity credit for the new resources is estimated by averaging the historical contribution of a generator / generator class during top 10% peak net-demand hours.

Capacity Credit for each asset class is calculated as average CUF for that class during top 10% of peak/net-peak hours as shown in Figure 14. First the demand or net demand is plotted and arranged in descending order. In the figure below, the blue highlighted area indicates the top 10% of net-load hours. During this top 10% hours/slots, the average contribution from the technology is calculated which will be the capacity credit for that resource.

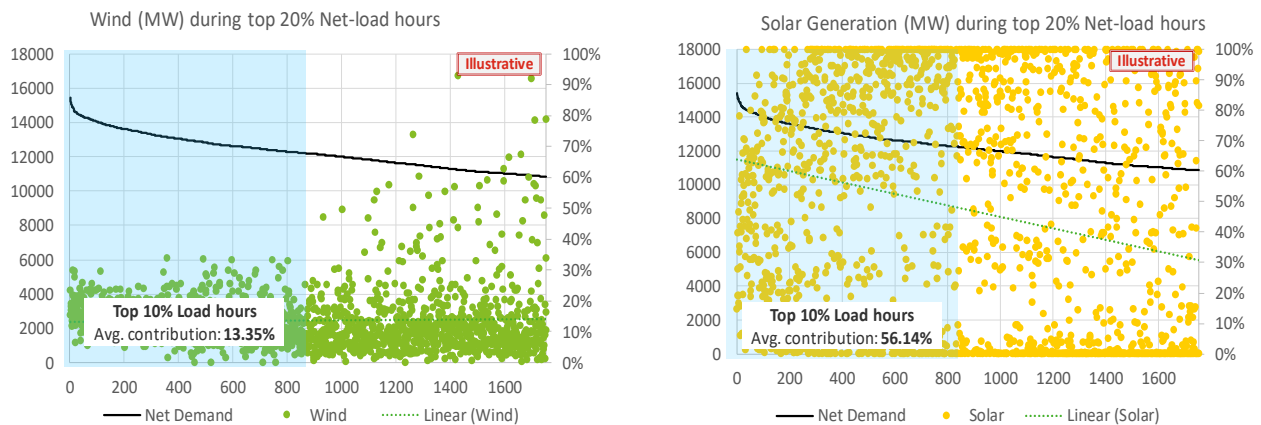


Figure 14: Illustrative example for estimation of capacity credits

### 2.6.2. Capacity credit for thermal

The Thermal capacity credit is calculated by reducing the auxiliary consumption and the forced outage rate from the installed capacity. Planned outage rate is generally not considered, as planned maintenance may be carried out during low net-demand periods and thus may not affect reliability.

### 2.6.3. Capacity credits for ST-DRAP and MT-DRAP

The capacity credit is calculated by utilizing the top 10% load hours rather than top 250 load hours (slots) as defined in the MERC Regulations. This modified assumption has been

considered after rigorous analysis of demand pattern of MSEDCL. The top load hours have been different historically and all the RE resources were not present historically, so if 250 slots are used then the past 5 years' data must be averaged to capture the actual capacity credit or else the capacity credit would not be justified if the load pattern is different. Hence a 10%-time frame is utilized to capture the capacity credit as most of the high demand slots would be in these slots.

For the Resource Adequacy, it is essential to ensure the availability of firm capacity to meet both the MSEDCL's peak and coincident national peak demand. The capacity planning should be done such that firm capacity calculated at the national level load profile should meet the resource adequacy requirement determined by CEA and the firm capacity calculated at the state level load profile should meet the PRM targets of the state determined to meet the LoLP and EENS targets set by CEA. Under the absence of LT-NRAP and ST-NRAP, the capacity credits has estimated in the following manner.

- The Firm Capacity contributing to the national Resource Adequacy Requirement is calculated for each generator by averaging its contribution during the top 10% load hours using the national level load profile.
- The Firm Capacity contributing to the Discom level PRM target is calculated for each generator by averaging its contribution during the top 10% load hours using the Discom load profile.

The y-o-y capacity credit values calculated at MSEDCL's load are further provided in the **Annexure XIV**.

## 2.7. Inputs and Assumptions

### 2.7.1. Generation capacity mix of MSEDCL

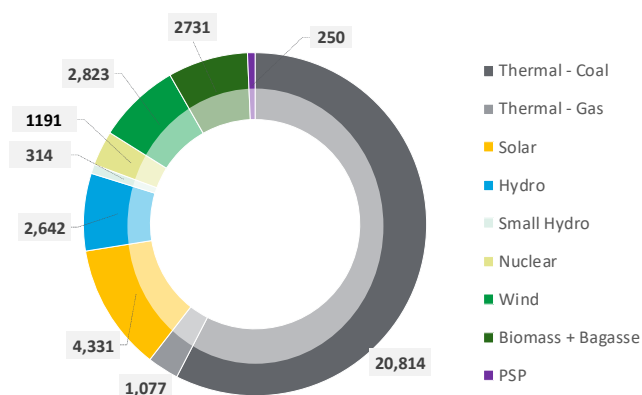


Figure 15: Contracted commissioned capacity (in MW) for MSEDCL as of 2023-24

As of FY 2023-24 the total contracted commissioned capacity of MSEDCL is **36,173 MW**.

MSEDCL's portfolio includes generators from MSPGCL and central and Private entities. The capacity mix is dominated by thermal capacities with the thermal fleet forming 60% of the total capacity. The list of all the currently commissioned capacities is provided in **Annexure - X**.

The rest of the capacity is divided between wind and solar (constituting 20%) and remaining by hydro, biomass, and nuclear plants. In addition to the existing capacities of MSEDCL, additional capacities have been contracted up to FY 2029-30. The details of these generators are mentioned in the table below.

Table 8: Future contracted capacities for MSEDCL

Plants	Type	Capacity to MSEDCL (MW)	COD (in FY)
NTPC Lara C'gad Stage 02, Unit 1&2 (2 X 800 MW)	Thermal	228	2028-29
Bhusawal Unit 6	Thermal	660	2024-25
Sipat Project, Stage - III	Thermal	264	2029-30
MBPL	Thermal	480	2029-30
NTPC Gadarwara Stage-II	Thermal	111	2029-30
Subansari Hydro Electric Project	Hydro RoR	183	2024-25
Pakaldul HEP	Hydro RoR	100	2027-28

Plants	Type	Capacity to MSEDCL (MW)	COD (in FY)
Ratle Hydroelectric Project	Hydro RoR	213	2027-28
Kwar HEP	Hydro RoR	54	2028-29
Dugar HE Project	Hydro RoR	50	2028-29
Kiru HE Project*	Hydro RoR	109	2025-26
Small Hydro	SHP	3	2024-25
Sardar Sarover PSP capacity	PSP	324	2029-30
Existing Centralised Tender (Intra state)	Solar	925	2024-25
MSKVY -1	Solar	921	2024-25
KUSUM-A	Solar	152	2024-25
KUSUM-C	Solar	97	2024-25
MSKVY 2.0	Solar	9144	2025-26
Solar Tender Phase-X Intra	Solar	400	2025-26
KUSUM-A	Solar	49.7	2025-26
Grid connected solar (Interstate)	Solar	1475	2026-27
Gird connected inter-state (NTPC)	Solar	3000	2026-27
MoU Route	Bagasse	180	2024-25
MoU Route	Bagasse	690**	2027-28
Hybrid- Wind -Solar	Hybrid	300	2025-26
Hybrid- Wind -Solar	Hybrid	2580	2026-27
FDRE	FDRE	1468	2026-27

\* Kiru HE project has a COD of March 2026 which is the end of FY 2025-26. For the modelling purpose the plan is commissioned in FY 2026-27 as only one month of FY 2025-26 will have this capacity allotment.

\*\*690 MW is commissioned in two phases of 345 MW in FY 2026-27 and FY 2027-28 each

### 2.7.2. Existing Planned portfolio

The future portfolio is a detailed capacity planning consisting of the current contracted capacities. The optimal generation mix will add capacities required by MSEDCL over and above these contracted capacities. The planned portfolio has been curated considering the

existing and the contracted capacities for the future. The table below shows the planned portfolio for MSEDCL till FY 2029-30.

Table 9: Existing planned portfolio considered in study(in MW)

Resource	Commissioned Capacity as of FY 2023-24	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30
Thermal	21891	660	-	-	-	228	855*
Nuclear	1191	-	-	-	-	-	-
Large-Hydro	2642	183	-	109*	313*	104*	-
PSP-Storage	250	-	-	-	-	-	324
Wind	2823	-	-	-	-	-	-
Solar	4331	2095	9605	4475*	-	-	-
Hybrid	-	-	300	2580*	-	-	-
FDRE	-	-	-	1468	-	-	-
Bagasse	2731	180	-	345**	345**	-	-
Small Hydro	314	3	-	-	-	-	-
<b>Total</b>	<b>36173</b>	<b>3121</b>	<b>9905</b>	<b>8977</b>	<b>658</b>	<b>332</b>	<b>1179</b>

Note: - Resource Adequacy Study is done based on the above capacity addition plan (Already Contracted but not commissioned and consent given capacities)

\*Consent Given

\*\* 690 MW of biomass tender will be phased out in two years FY 2026-'27 and FY 2027-28

### 2.7.3. Demand projections and RAR estimation

The demand projections (excluding the OA demand) considered for this study are provided in Table 10. Detailed methodology of demand forecasting has been provided in the Chapter 2.

Table 10: Demand projections for MSEDCL

Financial Year	2025	2026	2027	2028	2029	2030
<b>Energy Projections (MU)</b>	170073	178792	187653	196113	204715	214281
<b>Peak Demand Projections (MW)</b>	23609	25412	27943	30743	31767	32994



While planning DRAP, MSEDCL has ensured that it is compliant as per the co-incident national peak as well. CEA has not published Long-term National Resource Adequacy Plan (LT-NRAP) as specified in Regulation 12.6 and National Load Dispatch Center (NLDC) has not published Short-term National Resource Adequacy Plan (ST-NRAP) as specified in Regulation 12.7. Hence, allocation of each distribution licensee's share in the state peak is unavailable as specified in Regulation 12.8.

Due to absence of data, MSEDCL has analyzed national load profile and based on the same, has tried to estimate the national coincident peak demand in its own distribution area for the forecast years as per Regulation 12.12 of MERC Resource Adequacy Regulations, 2024. MSEDCL has arrived at the provisional values of Resource Adequacy Requirement (RAR) by applying a PRM of 7%. The expected national co-incident peaks and respective RAR values are provided in table below.

Table 11: Coincident national peak and provisional national RAR for MSEDCL

Financial Year	2025	2026	2027	2028	2029	2030
Expected National Coincident Demand (MW)	21831	23064	24542	26168	26710	27433
<b>Provisional RAR (MW)</b>	23359	24678	26260	27999	28580	29353

#### 2.7.4. Thermal generators

As of FY 2023-24, MSEDCL has a commissioned thermal capacity of 21,891 MW. The existing capacity comprises of 20,814 MW of thermal-coal and 1,077 MW of gas plants. Over this, for resource adequacy study, MSEDCL has considered the following list of contracted thermal plants to be commissioned in the future years:

Table 12: Contracted thermal-coal capacities considered in study .

Thermal plants	Capacity share to MSEDCL (in MW)	Auxiliary Consumption	Technical Minimum	COD (FY)
NTPC Lara C'gad Stage 02, Unit 1&2 (2 X 800 MW)	228	6.25%	55%	2028-29
Bhusawal Unit 6	660	6.00%	55%	2024-25
Sipat Project, Stage – III	264	6.25%	55%	2029-30

Thermal plants	Capacity share to MSEDCL (in MW)	Auxiliary Consumption	Technical Minimum	COD (FY)
MBPL	480	6.25%	55%	2029-30
NTPC Gadarwara Stage-II	111	6.25%	55%	2029-30

The inputs for the new thermal capacities added above are provided in the Table 13 below.

Table 13: Parameters of the new thermal capacities

Parameters	Value
Capex	Rs. 10 Cr/MW
Annualised FC	Rs. 1.34 Cr/MW
Variable costs	Rs 3.2/unit with a 3.45% y-o-y escalation

### 2.7.5. Thermal outages

Thermal outage data of the generators play an important role in the study. The thermal outage data of the generators are obtained by averaging the historical outage data. Outages can be of two types: planned and forced outage. The outage rates are expressed as total number of hours the plant was non-operational in an entire year (out of 8760 hours).

The outage data of MSEDCL averaged for nine years for the thermal generators is stated below.

Table 14: Summary of the outage rates of thermal plants

Planned outage rate	Forced outage rate
3.13%	6.32%

### 2.7.6. Solar generators

As of FY 2023-24, MSEDCL has commissioned solar capacity of 4,331 MW. The solar generation profile for candidate solar plants within MSEDCL has been derived from the generation profile of generators supplying to MSEDCL. New solar capacity can be added within the state or contracted from outside the state as per the available potential. The profiles of the generators used for the study are provided in the **Annexure XI**.

The inputs for the new solar capacities to be added in future are provided in the Table 136 below:

Table 15: Parameters of Solar generators

Parameter		Solar
<b>Capex</b>		Rs. 4.33 cr/MW
<b>AFC</b>		Rs. 0.55 cr/MW
<b>Capacity Utilisation Factor</b>	Intra	24.8%
	Inter	24.5%
<b>Levelised Cost of Energy</b>	Intra	Rs. 2.8/unit
	Inter	Rs. 2.6/unit

For resource adequacy study, MSEDCL has considered the following list of solar capacity to be commissioned in the future years:

Table 16: Contracted solar capacities considered in study .

Solar plants	Capacity (in MW)	COD (in FY)
Existing Centralised Tender (Intra state)	925	2024-25
MSKVY -1	921	2024-25
KUSUM-A	152	2024-25
KUSUM-C	96.5	2024-25
MSKVY 2.0	9155	2025-26
Solar Tender Phase-X Intra	400	2025-26
KUSUM-A	49.7	2025-26
Grid connected solar (Interstate)	1475	2026-27
Gird connected inter-state (NTPC)	3000	2026-27

### 2.7.7. Wind generators

As of FY 2023-24, MSEDCL has commissioned wind capacity of 2,823 MW. The wind generation profile for candidate wind plants within MSEDCL has been derived from the generation profile of generators supplying to MSEDCL. New wind capacity can be added within the state or contracted from outside the state as per the available potential. The profiles of the generators used for the study are provided in the **Annexure XI**.

Table 17: Parameters of Wind generators

Parameter		Wind
Capex		Rs. 7.5 Crore/MW
AFC		Rs. 1.01 Crore/MW
CUF	Intra	22.9%
	Inter	38.4%
LCOE	Intra	Rs. 5.01/unit
	Inter	Rs. 2.99/unit

### 2.7.8. Hydro generators

Hydro power of MSEDCL consists of Large Hydro Power (LHP) such as Hydro storage and Hydro RoR power and Small Hydro Power (SHP). As of FY 2023-24, MSEDCL has contracted capacity of 2,046 MW of Hydro storage, 596 MW of Hydro RoR and 314 MW of SHP. The profiles of the generators used for the study are provided in the **Annexure XI**. For resource adequacy study, MSEDCL has considered the following list of hydro capacity (Contracted + Consent given) to be commissioned in the future years.

Table 18: Contracted hydro capacities considered in study..

Hydro Plant	Type	Capacity (in MW)	COD (in FY)
Subansari Hydro Electric Project	Hydro RoR	183	2024-25
Pakaldul HEP	Hydro RoR	100	2027-28
Ratle Hydroelectric Project	Hydro RoR	213	2027-28
Kwar HEP	Hydro RoR	54	2028-29

Hydro Plant	Type	Capacity (in MW)	COD (in FY)
Dugar HE Project	Hydro RoR	50	2028-29
Kiru HE Project*	Hydro RoR	109	2025-26
Sawalkot HE Project	Hydro RoR	323	2032-33
Dibang Multipurpose Project	Hydro RoR	288	2031-32
Subansari Hydro Electric Project	Hydro RoR	183	2024-25
SHP	SHP	3	2024-25

\*Kiru HE project has a COD of March 2026 which is the end of FY 2025-26. For the modelling purpose the plan is commissioned in FY 2026-27 as only one month of FY 2025-26 will have this capacity allotment.

### 2.7.9. Bagasse and Nuclear generators

As of FY 2023-24, MSEDCL has commissioned capacity of 2,731 MW of bagasse and biomass. MSEDCL has contracted additional bagasse capacity of 180 MW in FY 2024-25 and as per GoM Policy, 690 MW to be contracted till FY 2027-28. The 690 MW bagasse capacities considered to be added in phases as 354 MW in years FY 2026-27 and remaining by FY 2027-28. The profiles of the generators used for the study are provided in the Annexure XI.

Table 19: Additional Contracted Bagasse capacities considered in study.

Bagasse Plant	Capacity (in MW)	COD (in FY)
MoU Route	180	2024-25
MoU Route	690*	2027-28

\* 690 MW of Bagasse capacity will be phased out in two years FY'27 and FY'28

As of FY 2023-24, MSEDCL has commissioned nuclear power capacity of 1,191 MW. There is no further additional contracted capacities considered for nuclear.

### 2.7.10. Energy storage systems

Energy storage systems (ESS) have the capability of charging from the energy from the grid (during surplus periods or low-cost periods) and discharging the same when required. For the purposes of this study, Battery Energy Storage Systems (BESS) with a 2-hour and 4-hour configuration, and Pumped Hydro Storage Plants (PSP) with a 6-hour configuration as

candidate ESS technologies are considered. The optimum capacity of the system is chosen by the model as per least system cost. The parameters of the energy storage systems are mentioned below.

Table 20: Parameters of Energy Storage Systems

Parameter	BESS – 2hr	BESS – 4hr	PSP	Sources/Justification
<b>Capex</b>	Rs. 3.55 cr./MW	Rs. 6.03 cr./MW	Rs. 7.88 cr./MW	
<b>AFC</b>	Rs. 0.58 cr./MW	Rs. 0.99 cr./MW	Rs. 1 cr./MW	Based on recently concluded bids for BESS and ESS
<b>Round Trip Efficiency</b>	85%	85%	75%	Industry benchmarks
<b>Hour Capacity</b>	2	4	6	
<b>CAGR of Cost decline</b>	4%	4%	-	Industry projections for BESS costs reduction indicate a 4 – 6% y-o-y decline

MSEDCL has commissioned capacity of 250 MW from PSP. For Resource Adequacy Study, only the planned capacity addition of 324 MW Sardar Sarover PSP capacity is considered.

Table 21: Additional Contracted PSP capacity considered in study.

PSP	Capacity (in MW)	COD (in FY)
Sardar Sarover PSP capacity	324	2029-30

### 2.7.11. FDRE and Hybrid

By 2030, India aims to source 50% of its electric power from non-fossil fuels and reduce carbon emissions by 45% from 2005 levels. One strategy to achieve this target and address the challenges of renewable energy (RE) penetration is by introducing **Firm and Dispatchable Renewable Energy (FDRE)**. In FDRE, variable renewable energy is converted

into dispatchable energy through the integration of Energy Storage Systems (ESS). As the name suggests, FDRE ensures round-the-clock (RTC) power from green sources to consumers. At present, MSEDCL has contracted 1,468 MW of FDRE tender which is expected to be commissioned by FY 2026-27.

The sizing and the tariff estimation for a future FDRE capacity is conducted. The tariffs are estimated by MSEDCL using tool developed by Deloitte Touche Tohmatsu India LLP. The inputs that are taken for the software include demand profile, solar and wind parameters, and tender specifications (as per SECI tender which are mentioned in Table 22 and Table 23) Future FDRE profile for MSEDCL has been prepared based on the net demand of MSEDCL, which is provided in the Annexure XII. The final tariff based on these inputs is coming out to be approximately Rs 6.78/kWh.

Table 22: FDRE modelling inputs.

Parameters	Value
Project capacity	100 MW
Demand profile	Prepared from net demand of MSEDCL
Monthly DFR	90%
WACC	8.052%
Excess sold in market	1% (sold at Rs 1/unit)

Table 23: Solar and Wind inputs for FDRE modelling

Parameters	Solar	Wind
LCOE	₹ 2.7/ kWh	₹ 3.5/ kWh
CUF	29.6%	39%
Annual degradation	1%	-

In addition to FDRE, for Resource Adequacy study, contracted hybrid capacity of 300 MW in FY 2025-26 and consent given capacity of 2580 MW in FY 2026-27 is considered.

Table 24: Additional Contracted FDRE and hybrid capacity considered in study.

Resources	Type	Capacity (in MW)	COD (in FY)
Hybrid- Wind -Solar	Hybrid	300	2025-26
Hybrid- Wind -Solar	Hybrid	2580	2026-27
FDRE	FDRE	1468	2026-27

### 2.7.12. RPO Targets

The Renewable Power Obligation (RPO) refers to the condition that a minimum percentage of total consumption of distribution licensee should be met by energy from renewable sources. Considering Regulation 14.4 of MERC Resource Adequacy Regulations, 2024, MSEDCL has utilized the RPO trajectory specified in the latest notification by MERC<sup>1</sup> to ensure capacity procurement fulfils the RPO compliancy.

Table 25: RPO targets used for the study

Year	Wind RPO	Hydro RPO	DRE RPO	Other RPO	Total RPO
2024-25	0.7%	0.4%	1.5%	27.4%	29.9%
2025-26	1.5%	1.2%	2.1%	28.2%	33.0%
2026-27	2.0%	1.3%	2.7%	29.9%	36.0%
2027-28	2.5%	1.4%	3.3%	31.6%	38.8%
2028-29	3.0%	1.4%	3.9%	33.1%	41.4%
2029-30	3.5%	1.3%	4.5%	34.0%	43.3%

### 2.7.13. Available Transfer Capacity (ATC) Limits

For the study, a single node i.e., MSEDCL has been considered with all generating units and demand connected to this node. MSEDCL has currently ATC projections till FY 2026-27. Post this, a 10% y-o-y increase is assumed for ATC. The ATC projections are provided in the **Annexure XIII** and also mentioned below:

<sup>1</sup> RPO guidelines – MERC RPO-REC First Amendment Regulation 2024



Year	2024-25	2025-26	2026-27
ATC limits (in MW)	17000	21500	22500

## 2.8. Assessment of Planning reserve margin

As per Regulation 11.2 of MERC Resource Adequacy Regulations, 2024, Planning Reserve Margin (PRM) is to be specified by CEA or Hon'ble Commission keeping in view reliability indices in terms of Loss of Load Probability (LOLP), and Normalized Energy Not Served (NENS). CEA, in its Resource adequacy guidelines has specified target of LOLP as 0.2% and NENS at 0.05%.

However, CEA hasn't specified PRM value till date. Accordingly, MSEDCL has calculated PRM with an objective to reach target value of LOLP and NENS as specified by CEA in its guidelines. For this purpose, MSEDCL has conducted a Long-Term Distribution Resource Adequacy Plan (LT-DRAP) for a period of 10 years.

In the Resource Adequacy Study extensive stochastic simulations of future generation scenarios and demand patterns are conducted. 100 different future scenarios were generated using stochastic simulations to account for future uncertainties in generation as well as demand. The model performs detailed dispatch simulations to calculate the Loss of Load Probability (LOLP) and the Number of Expected Non-Supply (NENS) for different values of PRM.

As per the LT-DRAP, the reliability metrics analysis indicates the target LoLP and NENS values have been achieved at an optimal PRM of 7%, this indicates that the suggested **optimal PRM is 7%** above MSEDCL's peak.

## 2.9. ST-DRAP for MSEDCL

At the optimal PRM of 7% above the peak demand, the target value of 0.2% LoLP and 0.05% NENS have been observed. Only resources with long / medium / short-term contracts shall be considered to contribute to the RAR.

### 2.9.1. ST-DRAP capacity mix projections for an optimal PRM of 7%

The optimal capacity mix includes combination of thermal, FDRE, solar, hydro, wind, PSP. The below table shows the cumulative contracted capacities at optimal 7% PRM above MSEDCL's peak demand for FY 2025-26.

Table 26: ST-DRAP Optimal capacity mix (in MW) at 7% PRM

Year	Thermal <sup>2</sup>	Solar	Wind	Hydro	SHP	Hybrid	FDRE	Biomass	Nuclear	PSP	DRE	Total capacity
2025-26	22551	16031	2823	2825	317	300	-	2911	1191	250	2675	51874

It can be observed that in-order to meet the demand and RAR, MSEDCL mostly **relies on generations from thermal, solar, wind, Hydro PSP.**

### 2.9.2. ST-DRAP Capacity contract requirement for future

As per the Resource Adequacy study conducted, it is projected that MSEDCL will need total contracted capacity of 51874 MW by FY 2025-26. In ST-DRAP, to ensure compliancy to guidelines, MSEDCL will commission the capacities as follows:

Table 27: ST-DRAP Capacity (in MW) contract requirement for future

Year	Solar	Hybrid
	Contracted	Contracted
2025-26	9605	300

The MERC Resource Adequacy regulations mandates that the distribution licensee shall demonstrate to the Commission 100% tie-up for the first year and a minimum 90% tie-up for the second year to meet the requirement of their contribution towards meeting MSEDCL's peak.

To ensure the MSEDCL has 100% tie up in the first year, MSEDCL will commission the contracted capacities as per the following plan considered in the study:

<sup>2</sup> for thermal plants – MSEDCL should commission the plants as per their plan's COD. It should be noted that while modelling the thermal plants are assumed to be commissioned from COD+1 year.

- In FY 2024-25, the contracted capacities of 660 MW thermal, 183 MW hydro, 2,095 MW solar, 180 MW of bagasse and 3 MW of SHP, as per the plan considered in study will be commissioned.
- In addition to this, 9,605 MW of solar and 300 MW of hybrid will be commissioned as per the plan in study in FY 2025-26. Thus, MSEDCL will have a total installed/commissioned capacity of 51874 MW (including 2675 MW DRE) by FY 2025-26.

With the capacity contracts in place, MSEDCL is positioned to demonstrate full compliance by achieving a 100% tie-up for the first year, as stipulated by the regulatory framework.

### 2.9.3. ST-DRAP Compliancy to RAR and evaluation of Resource Gap

The MERC RA regulations state that through ST-DRAP, MSEDCL shall demonstrate to the Commission that the plan to meet their RAR is with a mix of Long-term, Medium-term, and Short-term contracts. Minimum 70% of RAR should be met through Long-term contracts, minimum 20% of RAR through Medium-term contracts, and the rest to be met through Short-term contracts.

Firm capacities are calculated by multiplying the installed capacity with the capacity credits estimated at the national load profile (at PRM of 7%). The firm capacities for the optimal capacity mix for ST-DRAP are provided below:

Table 28: Compliancy of ST-DRAP (in MW) with RAR at optimal PRM

Year	Thermal	Solar	Wind	Hydro	SHP	Hybrid	PSP	Nuclear	Biomass	Total firm capacity	Provisional RAR
2025-2026	15518	12230	643	2163	71	175	225	953	435	32413	24678

Upon the successful commissioning of capacities as per MSEDCL's plan and as required under ST-DRAP in MERC RA regulations, MSEDCL will have a total firm capacity 32,413 MW.

Following the Regulation 12.2., MSEDCL has estimated the resource gap based on the resource adequacy plan and forecasted peak. The resource adequacy plan is following Regulation 12.2 where the resource adequacy plan is formulated by applying CC factors and determining adjusted capacity for contracted generation resources (existing and planned). The firm capacity thus obtained is subtracted from the forecasted peak of MSEDCL. For FY 2025-26, the resource gap is -674 MW indicating there is a surplus in firm capacity. Resource-wise bifurcation of the total firm capacity is provided in **Annexure XV**.

Table 29: Resource gap (in MW) estimation for ST-DRAP

Year	Total Firm Capacity	MSEDCL forecasted peak	Resource Gap
2025-2026	26087	25412	-674

## 2.10. MT-DRAP for MSEDCL

At the optimal PRM of 7% above the peak, the target value of 0.2% LoLP and 0.05% NENS have been observed. Only resources with long / medium / short-term contracts shall be considered to contribute to the RAR.

### 2.10.1. MT-DRAP capacity mix projections for an optimal PRM of 7%

The optimal capacity mix includes combination of thermal, FDRE, solar, hydro, wind, and PSP to meet the PRM and the demand. The below table shows the year-on-year cumulative contracted capacities required at optimal 7% PRM above MSEDCL's forecasted peak demand.

Table 30: MT-DRAP Optimal capacity mix (in MW) at 7% PRM

Year	Thermal <sup>3</sup>	Solar	Wind	Hydro	SHP	Hybrid	FDRE	Biomass	Nuclear	PSP	DRE	Total capacity
2025-26	22551	16031	2823	2825	317	300	-	2911	1191	250	2675	51874
2026-27	22551	20506	2823	2934	317	2880	1468	3256	1191	250	3234	61410
2027-28	22551	20506	2823	3247	317	2880	1468	3601	1191	250	4016	62850

<sup>3</sup> for thermal plants – MSEDCL should commission the plants as per their plan's COD. It should be noted that while modelling the thermal plants are assumed to be commissioned from COD+1 year.

<b>2028-29</b>	22551	24506	4823	3351	317	2880	1929	3601	1191	1183	5111	71443
<b>2029-30</b>	23379	28506	4823	3351	317	2880	2000	3601	1191	4601	6644	81293

As per the Resource Adequacy Study, at 7% optimal PRM, MSEDCL will have to plan to procure additional 600 MW of thermal, 8,000 MW of solar, 2,000 MW of wind, 532 MW of FDRE and 4,027 MW of PSP in addition to the capacity additional plan considered in the study by FY 2029-30.

Table 31: MT-DRAP Capacity addition (in MW) required beyond the plan considered in study for the optimal PRM.

Year	Thermal	Solar	Wind	FDRE	PSP
<b>2025-26</b>	-	-	-	-	-
<b>2026-27</b>	-	-	-	-	-
<b>2027-28</b>	-	-	-	-	-
<b>2028-29</b>	-	4000	2000	461	933
<b>2029-30</b>	600	4000	-	71	3093

### 2.10.2. MT-DRAP Capacity contract requirement for future

As per the Resource Adequacy study, MSEDCL will have a total projected contracted capacity of 81,293 MW (including DRE) by FY 2029-30. Out of this 15,159 MW of capacity will be contracted additionally over the plan considered in Resource Adequacy Study by MSEDCL. To ensure compliancy to regulations, MSEDCL will have plan to procure the capacities, both contracted (considered in study) as well as additional (required) as follows:

Table 32: MT-DRAP Capacity (in MW) contract requirement for future

Year	Thermal <sup>4</sup>		Solar		Wind	Hydro	Hybrid	FDRE		PSP		Biomass
	Contracted	Additional	Contracted	Additional	Additional	Contracted	Contracted	Contracted	Additional	Contracted	Additional	Contracted
2025-26	-	-	9605	-	-	-	300		-	-	-	-
2026-27	-	-	4475	-	-	109	2580	1468	-	-	-	345
2027-28	-	-	-	-	-	313	-	-	-	-	-	345
2028-29	228	-	-	4000	2000	104	-	-	461	-	933	-
2029-30	-	600	-	4000	-	-	-	-	71	324	3093	-
<b>Total</b>	<b>228</b>	<b>600</b>	<b>14080</b>	<b>8000</b>	<b>2000</b>	<b>526</b>	<b>2880</b>	<b>1468</b>	<b>532</b>	<b>324</b>	<b>4027</b>	<b>690</b>

The CEA Guidelines and MERC Resource Adequacy regulations mandates that the distribution licensee shall demonstrate to the Commission 100% tie-up for the first year and a minimum 90% tie-up for the second year to meet the requirement of their contribution towards meeting MSEDCL's peak.

To ensure the MSEDCL has 100% tie up in the first year, MSEDCL will commission the contracted capacities as per the following plan:

- In FY 2024-25, the contracted capacities of 660 MW thermal, 183 MW hydro, 2,095 MW solar, 180 MW of bagasse and 3 MW of SHP, as per the plan considered in study will be commissioned. In addition to this, 9,605 MW of solar and 300 MW of hybrid will be commissioned as per the plan considered in study by FY 2025-26.
- The MERC guidelines state that MSEDCL should **have 90% tie-up in the second year**. Owing to this in FY 2026-27, as per the plan considered in study, the capacity of 4,475 MW solar, 109 MW hydro, 2,580 MW hybrid, 1,468 MW of FDRE and 345 MW bagasse will be commissioned.

<sup>4</sup> for thermal plants – MSEDCL should commission the plants as per their plan's COD. It should be noted that while modelling the thermal plants are assumed to commissioned from COD+1 year.

- By FY 2029-30, following the MT-DRAP, MSEDCL will plan to contract 600 MW thermal, 8,000 MW solar, 2,000 MW wind, 532 MW FDRE and 4,027 MW of PSP additionally over the plan considered in study to meet the RAR requirement and to meet MSEDCL's peak. Against this additional requirement, MSEDCL has planned the contract of 1228 MW thermal, 11,871 MW solar, 547 MW PSP and 936 MW FDRE. Thus, as per MSEDCL's current plan total contracted capacity will be 85345 MW (including DRE 6644 MW) against the 81293 MW as per the study result. The abstract of Capacity addition is as below:

Table 33: Current Capacity Addition Plan of MSEDCL

Year	Thermal+ Gas	Nuclear	Large-Hydro	PSP-BSES Storage	Wind	Solar	Hybrid	FDRE	Bagasse+ Biomass	Small Hydro	DRE
FY-2025-26	0	0	0	0	0	9587	300	0	0	0	399
FY-2026-27	0	0	109	750	0	12364	780	1468	345	0	559
FY-2027-28	0	0	313	0	0	1000	3264	0	345	0	782
FY-2028-29	0	0	104	1750	0	3000	0	0	0	0	1095
FY-2029-30	1828	0	0	2074	0	0	0	0	0	0	1533

- The capacity mix as per MSEDCL's plan is as below:

Table 344: As per Resource Adequacy study, cumulative Capacity Mix with current capacity addition plan of MSEDCL.

Year	Thermal+ Gas	Nuclear	Large-Hydro	PSP-BSES Storage	Wind	Solar	Hybrid	FDRE	Bagasse+ Biomass	Small Hydro	DRE	Total
<b>FY-2025-26</b>	22551	1191	2819	250	2855	16012	300	0	2911	317	2675	51882
<b>FY-2026-27</b>	22551	1191	2928	1000	2855	28377	1080	1468	3256	317	3234	68257
<b>FY-2027-28</b>	22551	1191	3241	1000	2855	29377	4344	1468	3601	317	4016	73961
<b>FY-2028-29</b>	22551	1191	3345	2750	2855	32377	4344	1468	3601	317	5111	79910
<b>FY-2029-30</b>	24379	1191	3345	4824	2855	32377	4344	1468	3601	317	6644	85345

- MSEDCL's strategy of planning additional capacity beyond the study results is a precautionary measure to ensure energy security, grid stability, and a diversified energy mix. Given the uncertainties surrounding the timely implementation of projects, having a buffer with additional capacity allows MSEDCL to maintain a

reliable supply of electricity. The List of MSEDCL's source-wise capacity addition plan is as provided in **Annexure-XVI**.

### 2.10.3. MT-DRAP Compliancy to RAR and evaluation of Resource Gap

As per MERC RA Regulations-2024 , through MT-DRAP MSEDCL shall demonstrate the RA plan to meet their RAR with a mix of Long-term, Medium-term, and Short-term contracts to the Hon'ble Commission. Minimum 70% of RAR should be met through Long-term contracts, minimum 20% of RAR through Medium-term contracts, and the rest to be met through Short-term contracts.

For evaluation of Resource Gap, Firm capacities are calculated by multiplying the installed capacity with the capacity credits estimated at the national load profile (at PRM of 7%). The firm capacities for the optimal capacity mix for MT-DRAP to meet provisional RAR of MSEDCL are as below:

Table 35: Compliancy of MT-DRAP (in MW) with RAR at optimal PRM

Resource	2025-26	2026-27	2027-28	2028-29	2029-30
<b>Thermal</b>	15518	15518	15518	15518	16176
<b>Solar</b>	12230	15569	15580	18464	21370
<b>Wind</b>	643	669	666	1334	1335
<b>Hydro</b>	2163	2181	2245	2268	2270
<b>SHP</b>	71	71	71	71	71
<b>Hybrid</b>	175	1753	1761	1768	1779
<b>FDRE</b>	-	1384	1383	1520	1537
<b>PSP</b>	225	225	225	1065	4141
<b>Nuclear</b>	953	953	953	953	953
<b>Biomass</b>	435	458	504	499	490
<b>Total Firm capacity</b>	<b>32413</b>	<b>38781</b>	<b>38907</b>	<b>43460</b>	<b>50121</b>
<b>Provisional RAR</b>	<b>24678</b>	<b>26260</b>	<b>27999</b>	<b>28580</b>	<b>29353</b>



With the successful commissioning of capacities as per MSEDCL's plan (Considered in RA Study) and as suggested by the MT-DRAP, MSEDCL will have a total firm capacity which is well above the provisional RAR of MSEDCL, thereby making the MT-DRAP compliant with the national framework as well.

Following the Regulation 12.2., MSEDCL has estimated the resource gap based on the resource adequacy plan and forecasted peak. The resource adequacy plan is following Regulation 12.2 where the resource adequacy plan is formulated by applying CC factors and determining adjusted capacity for contracted generation resources (existing and planned). The firm capacity thus obtained is subtracted from the forecasted peak of MSEDCL. The resource gap has been calculated (i) considering the current capacity addition plan of MSEDCL considered in RA study. (ii) considering the MT-DRAP projected plan. It is observed that with the capacity addition plan considered in RA study, MSEDCL is likely to have surplus in firm capacity till FY 2028-29, while there is a deficit of 2,830 MW in firm capacity that is observed in FY 2029-30. Resource-wise bifurcation of the total firm capacity as per the current plan and as per MT-DRAP addition plan is provided in Annexure XV.

The projected capacity plan with optimal resource mix as per MT-DRAP overcomes the deficit in firm capacity in FY 2029-30.

Table 36: Resource gap (in MW) estimation for MT-DRAP

Year	Total Firm Capacity	MSEDCL forecasted peak	Resource Gap
2025-2026	26087	25412	-674
2026-2027	32494	27943	-4551
2027-2028	34146	30743	-3403
2028-2029	33990	31767	-2224
2029-2030	35303	32994	-2309

#### 2.10.4. MT-DRAP Compliancy to RPO targets

The Maharashtra Electricity Regulatory Commission (Renewable Purchase Obligation, its Compliance and implementation of Renewable Energy Certificate Framework) (First Amendment) Regulations, 2024; Regulation 7.5 (A) states the following:

*“Every Obligated Entity shall procure electricity generated from eligible RE sources to the extent of the percentages, out of its total procurement of electricity from all sources in a year, set out in the following Table:*

Year	Quantum of purchase (in %) from Renewable Energy sources (in terms of energy equivalent in kWh)				
	Wind RPO	Hydro PO	DRE RPO	Other RPO	Total RPO
<b>2024-25</b>	0.7%	0.4%	1.5%	27.4%	29.9%
<b>2025-26</b>	1.5%	1.2%	2.1%	28.2%	33.0%
<b>2026-27</b>	2.0%	1.3%	2.7%	29.9%	36.0%
<b>2027-28</b>	2.5%	1.4%	3.3%	31.6%	38.8%
<b>2028-29</b>	3.0%	1.4%	3.9%	33.1%	41.4%
<b>2029-30</b>	3.5%	1.3%	4.5%	34.0%	43.3%

*Provided that, any shortfall in achievement of stipulated Wind RPO in a particular year may be met with HPO which is in excess for that year and vice-versa. The balance excess energy consumption under Wind RPO or HPO component in that year, may be considered as part of the Other RPO component.*

*Provided further that, any excess energy consumption under Other RPO in a particular year may be utilised to meet the shortfall in Wind RPO or HPO.”*

In this study MSEDCL has followed the RPO guidelines as outlined in the regulation MERC RPO First Amendment 2024. The RE capacity projected in the MT-DRAP fulfils the RPO obligations from FY-2026-27 onwards by considering the fungibility among the different sources.

### 3. Chapter 4 - Comparison with Resource Adequacy by CEA

The Central Electricity Authority (CEA) has also conducted a resource adequacy study aimed at evaluating the power supply capacity and demand within the region. The CEA study utilized the demand profile from the year 2022-2023 as the baseline for its analysis. Furthermore, the demand forecasting methodology employed by the CEA differs from that used in this MSEDCL RA study. MSEDCL's RA analysis followed the regulations specified by the Maharashtra Electricity Regulatory Commission (MERC) and included a broader range of factors. The RA study conducted by MSEDCL with the assistance of its consultants, M/s Deloitte Touche Tohmatsu India LLP accounted for the impacts of rooftop solar, electric vehicle (EV) demand, and solar pumps, providing a more comprehensive view of the future energy landscape.

Table below provides a comparison of the projected demand as per the study conducted by CEA and MSEDCL.

Table 37: Comparison of demand projections as per the RA study by CEA and MSEDCL

Years	CEA's projections		MSEDCL's projections	
	Energy (in MU)	Peak (in MW)	Energy (in MU)	Peak (in MW)
<b>2025-26</b>	175261	27621	189520	27732
<b>2026-27</b>	183949	30892	199869	30520
<b>2027-28</b>	192180	34298	209646	33521
<b>2028-29</b>	200590	35596	219443	34287
<b>2029-30</b>	210874	37163	229966	35334

The focus was primarily on existing resources and demand trends to ensure a comprehensive understanding of the region's energy landscape.

It is important to note that the CEA study did not incorporate certain renewable energy sources, such as Hybrid power and FDRE. This exclusion may impact the overall assessment

of resource adequacy, as these technologies could potentially contribute significantly to the region's energy supply and stability.

Table below compares the difference in the projected capacity and the optimal capacity mix for both the studies.

Table 38: Comparison of the optimal capacity mix as per the RA study by CEA and MSEDCL

Optimal capacity mix as per CEA's study											
Years	Thermal	Solar	Wind	Hydro	Biomass	Nuclear	BESS-4	PSP	DRE	STOA	Total
2025-26	23518	17068	3905	2812	3439	1186	0	574	3001	3310	58813
2026-27	23518	21568	5405	2921	3439	1186	378	574	4050	2359	65398
2027-28	23518	25068	6905	3234	3439	1186	853	574	5171	1687	71635
2028-29	23746	26285	8405	3338	3439	1186	1180	574	6379	2057	76589
2029-30	26351	26285	9905	3338	3439	1186	1180	574	7737	1117	81112

Optimal capacity mix as per MSEDCL's study												
Year	Thermal <sup>5</sup>	Solar	Wind	Hydro	SHP	Hybrid	FDRE	Biomass	Nuclear	PSP	DRE	Total capacity
2025-26	22551	16031	2823	2825	317	300	-	2911	1191	250	2675	51874
2026-27	22551	20506	2823	2934	317	2880	1468	3256	1191	250	3234	61410
2027-28	22551	20506	2823	3247	317	2880	1468	3601	1191	250	4016	62850
2028-29	22551	24506	4823	3351	317	2880	1929	3601	1191	1183	5111	71443
2029-30	23379	28506	4823	3351	317	2880	2000	3601	1191	4601	6644	81293

<sup>5</sup> for thermal plants – MSEDCL should commission the plants as per their plan's COD. It should be noted that while modelling the thermal plants are assumed to be commissioned from COD+1 year.

## Conclusion

- As of FY 2023-2024, MSEDCL experienced a total energy demand of 171 BU with a peak electricity demand reaching approximately 24 GW while the total contracted commissioned capacity stands at around 36 GW.
- The projected demand is observed to grow at a CAGR of 4.9% from FY 2024-25 to FY 2034-35 with the forecasted demand requirement of MSEDCL reaching 274 BUs with a forecasted peak demand of 40 GW.
- By FY 2029-30 the forecasted demand requirement of MSEDCL reaches 229 BUs with a forecasted peak demand of 35 GW. This highlights the need to optimally add adequate capacities to meet this increasing demand while maintaining necessary reserves. Resource Adequacy planning is designed to ensure this. ST-DRAP and MT-DRAP extends resource adequacy planning into the short term (of one year) and medium term (of five years) respectively, providing a strategic framework that incorporates future demand forecasts, generation resource plan, and procurement plan.
- Through LT-DRAP (of 10 years) it was identified that the optimal PRM is 7% above the peak of MSEDCL. The LT-DRAP provides the basis for ST-DRAP and MT-DRAP. ST-DRAP involves resource adequacy planning of 1 year. As per the study, MSEDCL will plan to procure total contracted capacity of 49,879 MW comprising of 22,551 MW thermal, 16,031 MW solar, 2,823 MW wind, 2,825 MW hydro, 317 MW SHP, 300 MW Hybrid, 2,911 MW biomass, 1,191 MW Nuclear, 250 MW PSP and 680 MW of DRE by FY 2025-26.
- With the successful commissioning of capacities as per MSEDCL's plan, MSEDCL will have a total firm capacity 32,413 MW which is well above the provisional RAR of 24,678 MW, thereby making the ST-DRAP compliant with the national framework as well. The resource gap calculation shows that in FY 2025-26 MSEDCL will have a surplus in firm capacity with respect to the forecasted peak.
- MT-DRAP involves resource adequacy planning of 5 years. By FY 2029-30 MSEDCL will have a projected total contracted capacity of 79,298 MW comprising of 23,379 MW thermal, 28,506 MW solar, 4,823 MW wind, 3,351 MW hydro, 317 MW SHP, 2,880 MW

Hybrid, 2,000 MW FDRE, 3,601 MW biomass, 1,191 MW Nuclear, 4,601 MW PSP and 4,649 MW of DRE.

- By FY 2029-30, following the MT-DRAP, MSEDCL will plan to contract 600 MW thermal, 8,000 MW solar, 2,000 MW wind, 532 MW FDRE and 4,027 MW of PSP additionally over the plan considered in study to meet the RAR requirement and to meet MSEDCL's peak. Against this additional requirement, MSEDCL has planned the contract of 1228 MW thermal, 11,871 MW solar, 547 MW PSP and 936 MW FDRE. Thus, as per MSEDCL's current plan total contracted capacity will be 85345 MW (including DRE 6644 MW) against the 81293 MW as per the study result.
- MSEDCL's strategy of planning additional capacity beyond the study results is a precautionary measure to ensure energy security, grid stability, and a diversified energy mix. Given the uncertainties surrounding the timely implementation of projects, having a buffer with additional capacity allows MSEDCL to maintain a reliable supply of electricity
- The MERC guidelines state that MSEDCL should have 90% tie-up in the second year. Owing to this in FY 2026-27, MSEDCL plans to commission 4,475 MW solar, 109 MW hydro, 2,580 MW hybrid, 1,468 MW of FDRE and 345 MW biomass.
- With the successful commissioning of capacities as per MSEDCL's current capacity addition plan and as suggested by the MT-DRAP MSEDCL will have a total firm capacity which is well above the provisional RAR of MSEDCL, thereby making the MT-DRAP compliant with the national framework as well.
- The resource gap analysis indicates that from FY 2025-26 to FY 2028-29, MSEDCL will have a surplus in firm capacity compared to the forecasted peak demand.

-----000-----

## Annexure I – LoLP and NENS calculation methodology

Once the capacity mix has been determined by Integrated Resource Planning, the next step is to run the stochastic simulations. The different scenarios based on the demand profile and the power availability, storage asset and market are dispatched slot-wise. For each scenario 's', once the assets are dispatched, the unmet is generated slot-wise for the entire planning horizon. Figure 16 gives an illustration for a single year despatch graph for a scenario 's'.

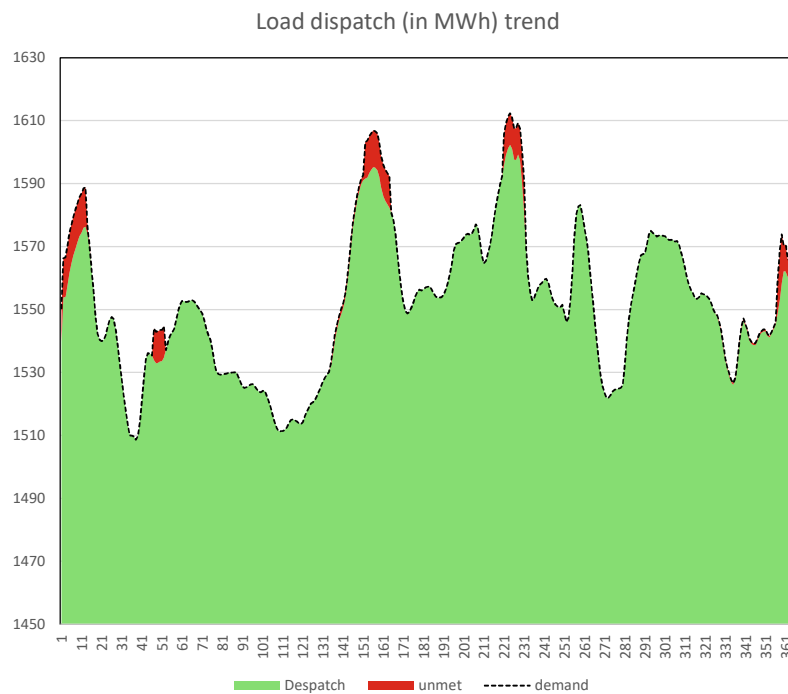


Figure 16: Dispatch for a scenario 's' in a particular year

Based on the unmet generation from each year, LoLP and NENS are calculated as follows:

$$LOLP = \frac{\sum_{y=1}^{y=n} LoLH_y}{\sum_{y=1}^{y=n} hours_s}$$

$$NENS = \frac{\sum_{y=1}^{y=n} EENS_s}{\sum_{y=1}^{y=n} Total\ demand_s}$$

Where n denoted the planning horizon and s denoted the total scenarios simulated.

LoLH is the Loss of Load Hours (hrs) which indicate the number of hours despatch couldn't meet the demand.

EENS is the Expected Energy Not Served (MWh) which indicate the energy not met.

## Annexure II - Demand profile for 2023-2024

The profile provided below is after removing the OA demand for FY 2023-24.

Slots	April	May	June	July	August	September	October	November	December	January	February	March
1	19031	19761	19235	14500	15946	16092	18330	16926	15036	16351	17844	19336
2	19081	19569	19324	14488	16073	16096	18473	17076	15134	16467	17986	19461
3	18884	19304	19211	14421	16173	16111	18408	16988	15141	16449	17916	19346
4	18841	19106	19050	14442	16264	16161	18457	17052	15286	16587	17980	19405
5	19167	19256	19212	14889	16760	16615	18910	17540	15878	17164	18511	19880
6	19584	19556	19730	15881	17759	17327	19701	18227	16885	18069	19255	20437
7	19741	19150	19679	16905	18737	18145	20191	18598	18085	19172	20065	20970
8	19202	18704	19214	17126	18767	18320	19899	18916	19068	20248	20913	20776
9	19002	18745	19053	17003	18582	18236	19581	19156	19245	20821	21175	20427
10	19463	19138	19147	16954	18626	18349	19909	19723	19485	21346	21478	20540
11	20082	19379	19329	16778	18743	18271	20417	20247	19479	21455	21814	21125
12	20318	19636	19629	16488	18745	18164	20158	19917	18867	20729	21212	20976
13	20219	19630	19472	16018	18361	17789	19927	19464	18256	20032	20513	20485
14	19993	19429	19196	15459	17989	17356	19777	19087	17692	19363	19845	19967
15	20329	19878	19549	15513	18109	17460	20163	19299	17930	19459	19981	20239
16	20490	20043	19668	15585	18175	17597	20319	19265	18163	19593	20236	20616
17	19969	19512	19256	15635	17886	17229	19897	18854	18098	19206	20044	20546
18	19222	19146	18778	15675	17479	17273	19314	18428	18028	18674	19561	20158
19	18631	18974	18402	16166	17660	17883	19994	19064	18862	19210	19627	19760
20	19185	19709	19093	17055	18396	18068	19843	18357	18137	19014	20068	20557
21	18647	19338	18995	16525	17598	17110	18761	17164	16799	17626	18757	19663
22	18390	19238	18748	15831	17075	16761	18379	16762	16083	17020	18217	19315
23	18734	19850	19133	15318	16753	16492	18316	16743	15576	16697	18158	19355
24	19006	20010	19179	14816	16294	16139	18408	16762	15243	16498	18009	19475

The profile provided below is after including the OA demand for FY 2023-24.

Slots	April	May	June	July	August	September	October	November	December	January	February	March
1	19667	20443	20010	15298	16750	16839	18975	17587	15694	17013	18513	20033
2	19721	20253	20092	15293	16878	16849	19116	17735	15789	17131	18664	20161
3	19526	19979	19974	15225	16976	16869	19050	17638	15795	17115	18603	20044
4	19482	19780	19816	15244	17065	16925	19099	17702	15935	17253	18670	20103
5	19804	19932	19973	15687	17554	17378	19555	18194	16526	17833	19196	20580
6	20223	20213	20482	16670	18536	18090	20352	18881	17534	18739	19932	21141
7	20382	19848	20457	17709	19511	18923	20860	19254	18734	19840	20738	21680
8	19985	19560	20151	18035	19682	19233	20753	19681	19801	20977	21676	21632
9	20004	19834	20225	18061	19727	19367	20721	20146	20217	21792	22234	21594
10	20655	20419	20513	18147	19970	19684	21305	20948	20717	22605	22863	22025



Slots	April	May	June	July	August	September	October	November	December	January	February	March
11	21396	20783	20814	18048	20177	19729	21983	21630	20900	22943	23455	22833
12	21673	21074	21138	17785	20200	19632	21780	21359	20380	22340	22967	22774
13	21549	21042	20971	17318	19806	19239	21518	20896	19775	21668	22289	22279
14	21273	20810	20660	16765	19417	18772	21286	20448	19159	20949	21588	21713
15	21515	21170	20921	16785	19480	18795	21526	20509	19255	20916	21612	21869
16	21557	21194	20927	16776	19456	18799	21473	20276	19277	20834	21650	22035
17	20877	20488	20369	16716	19014	18242	20788	19626	18932	20159	21152	21687
18	19957	19953	19734	16634	18425	18102	19980	19035	18647	19360	20347	21008
19	19274	19671	19240	17033	18471	18620	20608	19656	19458	19820	20261	20438
20	19822	20379	19897	17882	19172	18804	20471	18970	18759	19637	20710	21231
21	19290	20016	19793	17347	18369	17851	19394	17790	17438	18266	19409	20358
22	19043	19924	19534	16649	17851	17495	19011	17402	16732	17669	18876	20019
23	19364	20526	19901	16113	17516	17230	18951	17387	16228	17349	18814	20055
24	19640	20695	19950	15613	17080	16885	19050	17414	15900	17158	18671	20171

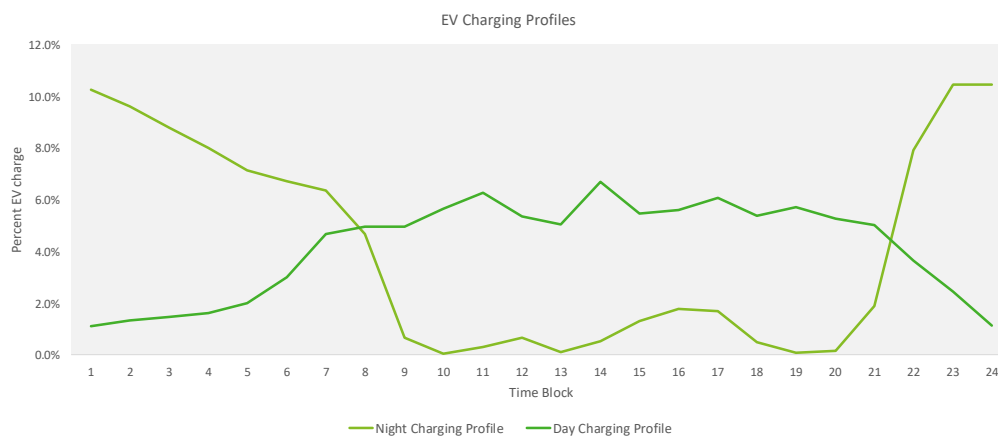
### Annexure III – Category wise forecast

Year	Domestic	Commercial	Agriculture	LT Industries	HT Industries	PWW	Street Light	Distribution	Transmission	Demand	Total Consumption
FY25	27059	9291	42711	14012	49286	3269	4324	0.137	0.033	179712	149952
FY26	28502	9694	45013	15133	52987	3389	4422	0.136	0.033	190387	159139
FY27	29959	10129	47477	16337	56849	3509	4519	0.134	0.033	201546	168779
FY28	31380	10477	49669	17600	60661	3629	4616	0.132	0.033	212179	178032
FY29	32802	10854	51712	18949	64578	3749	4713	0.131	0.033	222856	187357
FY30	34220	11239	53863	20343	68584	3870	4810	0.129	0.033	233811	196929
FY31	35631	11612	55984	21801	72647	3990	4907	0.127	0.033	244781	206571
FY32	37038	11986	58058	23311	76762	4110	5004	0.126	0.033	255803	216268
FY33	38445	12361	60133	24875	80944	4230	5101	0.124	0.033	266900	226088
FY34	39846	12733	62202	26489	85166	4350	5198	0.122	0.033	278042	235985
FY35	41246	13104	64261	28154	89436	4470	5295	0.121	0.033	289276	245966

## Annexure IV – Average EV Load profile for MSEDCL

Average EV Load Profile (MW)											
Hours	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035
1	150	269	412	575	777	1007	1333	1666	2006	2356	2715
2	142	256	393	551	749	977	1292	1614	1944	2282	2629
3	131	237	365	514	702	921	1219	1522	1832	2150	2477
4	120	219	338	480	659	871	1151	1437	1729	2028	2337
5	110	202	316	453	631	845	1116	1391	1673	1962	2260
6	109	204	324	474	676	927	1221	1521	1827	2142	2465
7	113	215	351	528	776	1097	1441	1791	2149	2517	2895
8	91	176	295	454	682	986	1293	1606	1925	2253	2590
9	34	76	145	247	410	644	839	1037	1239	1447	1661
10	29	70	139	247	421	676	878	1085	1295	1511	1734
11	36	84	164	287	484	772	1003	1239	1480	1727	1982
12	36	81	154	265	440	692	901	1113	1331	1554	1783
13	27	64	126	223	379	607	789	975	1164	1358	1558
14	41	94	182	316	530	840	1093	1350	1613	1883	2161
15	46	99	181	303	492	760	991	1226	1466	1713	1966
16	53	112	202	333	534	816	1065	1318	1577	1843	2116
17	55	116	211	350	564	867	1130	1399	1673	1955	2245
18	34	77	149	258	431	682	887	1096	1310	1529	1755
19	30	71	141	250	427	685	890	1098	1312	1531	1756
20	29	68	134	236	400	640	832	1028	1228	1433	1644
21	52	108	193	314	499	757	989	1224	1465	1712	1967
22	129	241	385	563	804	1106	1456	1813	2179	2553	2939
23	159	290	451	642	887	1178	1556	1942	2336	2741	3157
24	152	274	419	586	792	1025	1358	1697	2044	2399	2765

The percentage share of each time block in daily EV demand for day charging (commercial charging) and night charging (domestic) is shown in the graph:



## Annexure V – Average Solar Rooftop Profile for MSEDCL

Average Solar Rooftop Profile (MW)											
Hours	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035
1	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	1	1	1	1	1
7	4	9	17	27	42	63	66	69	73	76	80
8	29	70	128	209	323	481	505	530	556	583	612
9	76	185	338	551	849	1267	1329	1394	1463	1534	1610
10	122	295	537	877	1352	2017	2116	2220	2329	2443	2562
11	152	369	673	1098	1693	2526	2650	2780	2916	3059	3209
12	166	403	735	1199	1848	2758	2893	3035	3183	3339	3503
13	167	405	738	1204	1857	2771	2907	3049	3199	3355	3520
14	159	386	703	1147	1769	2640	2769	2905	3047	3197	3353
15	139	336	612	998	1540	2297	2410	2528	2652	2782	2918
16	106	257	469	765	1180	1761	1847	1938	2033	2132	2237
17	64	155	283	461	712	1062	1114	1168	1226	1286	1349
18	23	56	102	167	257	383	402	422	443	464	487
19	3	7	13	21	33	49	51	54	56	59	62
20	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0

## Annexure VI – Average Solar Pumps Profile for MSEDCL

Average Solar Pumps Profile (MW)											
Hours	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035
1	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0
7	5	10	18	25	33	35	37	39	41	43	45
8	39	77	135	193	251	271	284	298	313	328	344
9	102	204	356	509	662	713	748	784	823	863	905
10	162	324	567	811	1054	1135	1190	1249	1310	1374	1441
11	203	406	710	1015	1319	1421	1491	1564	1640	1721	1805
12	222	443	776	1108	1441	1551	1627	1707	1791	1878	1971
13	223	445	779	1113	1447	1559	1635	1715	1799	1887	1980
14	212	424	743	1061	1379	1485	1558	1634	1714	1798	1886
15	185	369	646	923	1200	1292	1356	1422	1492	1565	1641
16	142	283	495	708	920	991	1039	1090	1143	1199	1258
17	85	171	299	427	555	597	626	657	689	723	759
18	31	62	108	154	200	216	226	237	249	261	274
19	4	8	14	20	25	27	29	30	32	33	35
20	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0

## Annexure VII – Average Open Access Profile for MSEDCL

Average Open Access Profile (MW)											
Hours	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035
1	718	734	750	767	784	802	820	838	855	873	888
2	720	736	752	770	787	805	822	841	858	876	891
3	718	735	751	768	785	803	821	839	856	874	890
4	718	735	751	768	785	803	820	839	856	873	889
5	717	733	749	766	783	800	817	835	852	869	884
6	713	729	744	761	778	795	812	830	846	863	878
7	730	757	784	811	836	860	883	907	929	952	971
8	909	1008	1112	1205	1290	1359	1427	1495	1558	1618	1670
9	1248	1486	1736	1955	2153	2310	2464	2614	2756	2888	3002
10	1577	1950	2341	2682	2991	3231	3469	3700	3918	4120	4294
11	1797	2261	2748	3173	3555	3853	4147	4433	4703	4952	5167
12	1881	2383	2908	3367	3780	4100	4417	4725	5016	5284	5515
13	1875	2376	2902	3361	3774	4095	4411	4719	5010	5278	5509
14	1817	2295	2797	3234	3629	3935	4237	4532	4809	5066	5286
15	1671	2091	2530	2914	3261	3530	3796	4055	4300	4526	4721
16	1441	1764	2103	2399	2667	2876	3083	3284	3475	3651	3803
17	1137	1334	1540	1723	1887	2018	2147	2274	2393	2504	2600
18	846	925	1007	1081	1148	1205	1261	1316	1368	1418	1460
19	712	735	758	781	803	824	845	867	887	908	925
20	702	718	733	750	766	784	801	819	835	853	867
21	710	726	742	759	776	794	811	830	847	864	880
22	714	730	746	764	781	799	816	835	851	869	885
23	707	723	739	757	773	792	809	827	844	862	877
24	714	730	746	763	780	798	815	833	850	867	883

## Annexure VIII – Average Agricultural Load Shift Profile for MSEDCL

Average Load Shift Profile (MW)											
Hours	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035
1	0	-576	-1635	-2966	-3413	-3515	-3620	-3729	-3841	-3956	-4075
2	0	-704	-1991	-3608	-4141	-4265	-4393	-4524	-4660	-4800	-4944
3	0	-732	-2068	-3746	-4298	-4427	-4559	-4696	-4837	-4982	-5132
4	0	-732	-2068	-3746	-4298	-4427	-4559	-4696	-4837	-4982	-5132
5	0	-724	-2045	-3704	-4250	-4377	-4509	-4644	-4783	-4927	-5075
6	0	-618	-1741	-3150	-3607	-3715	-3827	-3941	-4060	-4181	-4307
7	0	-409	-1168	-2124	-2456	-2529	-2605	-2683	-2764	-2847	-2932
8	0	-204	-618	-1147	-1375	-1416	-1458	-1502	-1547	-1593	-1641
9	0	331	896	1596	1776	1829	1884	1940	1999	2059	2120
10	0	588	1584	2817	3122	3215	3312	3411	3514	3619	3728
11	0	714	1999	3608	4111	4235	4362	4493	4627	4766	4909
12	0	732	2068	3746	4298	4427	4560	4697	4837	4983	5132
13	0	732	2068	3746	4298	4427	4560	4697	4837	4983	5132
14	0	732	2068	3746	4298	4427	4560	4697	4837	4983	5132
15	0	676	1931	3510	4055	4176	4302	4431	4564	4701	4842
16	0	547	1586	2899	3382	3483	3588	3695	3806	3920	4038
17	0	401	1173	2150	2522	2598	2676	2756	2839	2924	3012
18	0	143	484	929	1176	1212	1248	1285	1324	1364	1404
19	0	18	69	138	187	192	198	204	210	216	223
20	0	0	0	0	0	0	0	0	0	0	0
21	0	-8	-23	-42	-48	-49	-51	-52	-54	-55	-57
22	0	-114	-327	-596	-691	-712	-733	-755	-777	-801	-825
23	0	-274	-780	-1418	-1638	-1687	-1738	-1790	-1843	-1899	-1956
24	0	-433	-1229	-2230	-2566	-2643	-2722	-2804	-2888	-2975	-3064

## Annexure IX –Average Load Forecast Profile for MSEDCL

Average Load Forecast Including OA (MW)											
Hours	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035
1	19087	19796	20100	20101	21034	22372	23809	25260	26726	28207	29707
2	19160	19738	19811	19524	20369	21685	23091	24509	25942	27388	28853
3	19065	19604	19616	19256	20070	21371	22752	24144	25551	26971	28408
4	19081	19614	19618	19251	20057	21351	22716	24091	25481	26882	28301
5	19559	20109	20140	19801	20624	21935	23302	24679	26069	27469	28886
6	20375	21061	21324	21272	22228	23616	25045	26483	27933	29394	30870
7	21049	21965	22616	23044	24167	25653	27178	28712	30259	31817	33392
8	21272	22317	23204	23930	24997	26351	27847	29351	30865	32387	33925
9	21364	22778	24414	26093	27230	28324	29751	31182	32621	34064	35518
10	21815	23380	25286	27302	28322	29214	30646	32080	33518	34958	36406
11	22207	23836	25935	28208	29281	30058	31522	32985	34451	35918	37392
12	22025	23625	25708	27967	28979	29637	31062	32486	33913	35339	36771
13	21564	23138	25192	27420	28398	29016	30403	31789	33179	34568	35963
14	21075	22669	24762	27051	28119	28854	30310	31768	33233	34701	36178
15	21272	22873	24966	27246	28408	29225	30681	32140	33605	35074	36552
16	21345	22912	24926	27104	28406	29415	30909	32407	33914	35427	36951
17	20857	22376	24276	26312	27751	28998	30520	32051	33593	35145	36713
18	20282	21616	23203	24853	26351	27740	29200	30670	32152	33646	35156
19	20458	21725	23106	24482	25906	27400	28857	30325	31806	33297	34806
20	20766	22030	23378	24700	26089	27585	29034	30492	31963	33444	34940
21	19802	21042	22360	23655	25032	26520	27985	29462	30954	32459	33983
22	19393	20567	21729	22816	24149	25649	27202	28769	30356	31959	33585
23	19347	20378	21261	21990	23199	24659	26209	27773	29356	30956	32579
24	19225	20083	20657	20996	22047	23417	24890	26376	27879	29397	30936

Average Load Forecast Excluding OA (MW)											
Hours	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035
1	18369	19062	19350	19334	20250	21570	22990	24422	25871	27334	28820
2	18441	19002	19059	18755	19582	20880	22269	23668	25084	26512	27962
3	18346	18869	18865	18488	19285	20567	21931	23305	24695	26096	27519
4	18363	18879	18868	18483	19272	20548	21895	23252	24625	26009	27413
5	18842	19376	19391	19035	19841	21134	22485	23844	25217	26600	28002
6	19662	20333	20580	20510	21450	22820	24233	25653	27087	28530	29992
7	20318	21208	21832	22233	23332	24793	26295	27805	29330	30865	32421
8	20363	21308	22092	22724	23708	24992	26420	27856	29306	30769	32254

Average Load Forecast Excluding OA (MW)											
Hours	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035
9	20116	21292	22678	24138	25076	26014	27287	28568	29864	31176	32517
10	20239	21430	22945	24620	25331	25983	27177	28379	29599	30838	32112
11	20410	21575	23187	25035	25726	26206	27375	28552	29748	30966	32226
12	20144	21243	22799	24600	25199	25537	26645	27761	28897	30055	31255
13	19689	20762	22290	24060	24624	24921	25991	27070	28169	29290	30453
14	19258	20374	21965	23816	24490	24919	26072	27237	28423	29635	30892
15	19601	20782	22435	24332	25148	25695	26885	28084	29305	30548	31832
16	19904	21148	22823	24705	25739	26539	27826	29123	30440	31776	33148
17	19721	21042	22736	24589	25863	26979	28373	29777	31200	32641	34112
18	19436	20691	22196	23773	25203	26535	27939	29354	30785	32228	33696
19	19746	20990	22348	23701	25103	26576	28012	29458	30919	32390	33880
20	20064	21313	22645	23950	25323	26801	28233	29674	31128	32591	34073
21	19092	20316	21618	22895	24256	25726	27174	28632	30107	31595	33103
22	18679	19837	20982	22053	23368	24850	26386	27935	29504	31090	32700
23	18640	19655	20521	21233	22426	23867	25400	26946	28513	30095	31702
24	18511	19354	19912	20233	21267	22620	24076	25544	27030	28530	30053



## Annexure X – Contracted Commissioned Capacity of MSEDCL (As on 31.03.2024)

Generating stations	Type	Capacity share to MSEDCL (in MW)	Generating stations	Type	Capacity share to MSEDCL (in MW)
Bhusawal -3	Thermal	210	NTPC KORBA STAGE-I&II	Thermal	127
Bhusawal -4	Thermal	500	NTPC Gadawara	Thermal	111
Bhusawal -5	Thermal	500	NTPC Sipat Stage-1	Thermal	585
Chandrapur-3	Thermal	210	NTPC Khargone	Thermal	100
Chandrapur-4	Thermal	210	NTPC Sipat stage=2	Thermal	285
Chandrapur-5	Thermal	500	NTPC Lara	Thermal	291
Chandrapur-6	Thermal	500	NTPC Jhanor-Gandhar Gas	Gas	200
Chandrapur-7	Thermal	500	NTPC KAHALGAON STAGE-II	Thermal	147
Chandrapur-8	Thermal	500	NTPC Vindhyachal stage 1	Thermal	446
Chandrapur-9	Thermal	500	NTPC Vindhyachal stage 2	Thermal	347
Khaperkheda-1	Thermal	210	NTPC Vindhyachal stage 3	Thermal	286
Khaperkheda-2	Thermal	210	NTPC Vindhyachal stage 4	Thermal	309
Khaperkheda-3	Thermal	210	NTPC Vindhyachal stage 5	Thermal	168
Khaperkheda-4	Thermal	210	NTPC Solapur	Thermal	666
Khaperkheda-5	Thermal	500	NTPC MOUDA STAGE-1	Thermal	398
Koradi-6	Thermal	210	NTPC MOUDA STAGE-2	Thermal	550
Koradi-8	Thermal	660	NTPC Kawas GPP	Gas	204
Koradi-9	Thermal	660	NVVNL Coal	Thermal	20
Koradi-10	Thermal	660	Koyna, Stg-I 4 x 70 MW units	Hydro storage	280
Nashik-3	Thermal	210	Koyna, Stg-II 4 x 80 MW units	Hydro storage	320
Nashik-4	Thermal	210	Koyna, Stg-III 4 x 80 MW units	Hydro storage	320
Nashik-5	Thermal	210	Koyna, Stg-IV 4 x 250 MW units	Hydro storage	1000
Paras-3	Thermal	250	Tillari Unit	Hydro storage	60
Paras-4	Thermal	250	Vaitarna Unit	Hydro storage	66
Parli-6	Thermal	250	Koyna 2 x 18 MW units	Hydro RoR	36
Parli-7	Thermal	250	Bhira Unit-1 & 02	Hydro RoR	80

Generating stations	Type	Capacity share to MSEDCL (in MW)
Parli-8	Thermal	250
Uran GT-5	Gas	108
Uran GT-6	Gas	108
Uran GT-7	Gas	108
Uran GT-8	Gas	108
Unit A0	Gas	120
Unit B0	Gas	120
JSW Energy Ltd	Thermal	300
Adani Power Maharashtra Ltd.	Thermal	1200
Adani Power Maharashtra Ltd.	Thermal	125
Adani Power Maharashtra Ltd.	Thermal	440
Adani Power Maharashtra Ltd.	Thermal	1320
Rattan India Power Ltd (RIPL)	Thermal	1200
GMR Warora Energy Limited	Thermal	200
CGPL (TPCL-Mundra)	Thermal	760
Sai Wardha Power Gen Ltd.	Thermal	240
NTPC KORBA STAGE-I&II	Thermal	653

Generating stations	Type	Capacity share to MSEDCL (in MW)
Sardar Sarovar Project	Hydro RoR	392
Pench	Hydro RoR	54
Dodson II	Hydro RoR	34
Solar Inter-state	Solar	2030
Solar Intra-state	Solar	2301
Wind Inter-state	Wind	133
Wind Intra-state	Wind	2690
Small Hydro	SHP	314
Ghatghar -pumped storage	PSP	250
Bagasse (co-generation)	Biomass	2690
Biomass	Biomass	37
MSW	Biomass	4
TAPP 1&2	Nuclear	160
TAPP 3&4	Nuclear	434
KAPS 1&2	Nuclear	149
KAPS 3&4 Unit-3	Nuclear	448

## Annexure XI – RE profiles

Profiles are calculated on a monthly slot-wise average basis.

Intra state Solar profile for MSEDC												
Slots	April	May	June	July	August	September	October	November	December	January	February	March
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7	0.03	0.05	0.05	0.02	0.03	0.02	0.02	0.01	0.00	0.00	0.00	0.01
8	0.19	0.23	0.22	0.12	0.19	0.14	0.19	0.11	0.07	0.05	0.07	0.14
9	0.44	0.48	0.45	0.26	0.44	0.34	0.46	0.32	0.29	0.27	0.33	0.43
10	0.67	0.70	0.64	0.38	0.65	0.52	0.70	0.52	0.55	0.54	0.60	0.71
11	0.83	0.84	0.78	0.45	0.75	0.62	0.86	0.67	0.73	0.75	0.81	0.90
12	0.90	0.89	0.83	0.49	0.79	0.66	0.92	0.74	0.82	0.87	0.92	1.00
13	0.88	0.87	0.82	0.50	0.80	0.64	0.91	0.75	0.84	0.90	0.95	1.01
14	0.83	0.83	0.78	0.49	0.78	0.63	0.84	0.69	0.79	0.86	0.92	0.97
15	0.72	0.73	0.68	0.44	0.69	0.55	0.71	0.57	0.67	0.74	0.82	0.85
16	0.55	0.57	0.54	0.35	0.57	0.43	0.51	0.39	0.48	0.56	0.64	0.67
17	0.35	0.37	0.36	0.25	0.39	0.26	0.27	0.18	0.23	0.31	0.39	0.43
18	0.14	0.16	0.18	0.12	0.18	0.09	0.06	0.02	0.04	0.08	0.13	0.17
19	0.02	0.03	0.04	0.03	0.03	0.01	0.00	0.00	0.00	0.00	0.01	0.01
20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Inter-state wind profile for MSEDC												
Slots	April	May	June	July	August	September	October	November	December	January	February	March
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7	0.01	0.03	0.04	0.04	0.03	0.01	0.01	0.00	0.00	0.00	0.00	0.00
8	0.14	0.18	0.18	0.17	0.13	0.11	0.11	0.05	0.03	0.02	0.03	0.08
9	0.40	0.42	0.38	0.36	0.31	0.31	0.37	0.24	0.18	0.12	0.20	0.34
10	0.65	0.64	0.58	0.54	0.49	0.50	0.62	0.47	0.45	0.31	0.48	0.61

Inter-state wind profile for MSEDCL												
Slots	April	May	June	July	August	September	October	November	December	January	February	March
11	0.81	0.78	0.72	0.68	0.62	0.63	0.78	0.64	0.67	0.52	0.69	0.81
12	0.86	0.83	0.77	0.76	0.68	0.70	0.86	0.73	0.80	0.70	0.81	0.89
13	0.86	0.84	0.78	0.78	0.70	0.70	0.87	0.76	0.85	0.81	0.85	0.90
14	0.85	0.82	0.77	0.76	0.70	0.69	0.85	0.72	0.82	0.84	0.87	0.90
15	0.80	0.75	0.71	0.68	0.65	0.64	0.76	0.61	0.70	0.76	0.83	0.88
16	0.65	0.63	0.59	0.56	0.54	0.53	0.58	0.41	0.49	0.58	0.69	0.74
17	0.44	0.43	0.41	0.39	0.38	0.35	0.33	0.19	0.21	0.31	0.44	0.50
18	0.21	0.21	0.21	0.22	0.20	0.16	0.10	0.03	0.03	0.07	0.14	0.21
19	0.04	0.05	0.06	0.07	0.06	0.03	0.01	0.00	0.00	0.00	0.01	0.03
20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Intra state wind profile for MSEDCL												
Slots	April	May	June	July	August	September	October	November	December	January	February	March
1	0.16	0.30	0.46	0.50	0.39	0.33	0.12	0.15	0.18	0.15	0.14	0.20
2	0.17	0.29	0.45	0.50	0.39	0.34	0.12	0.16	0.18	0.15	0.15	0.20
3	0.16	0.28	0.44	0.50	0.39	0.34	0.12	0.16	0.17	0.14	0.16	0.19
4	0.16	0.27	0.43	0.50	0.38	0.34	0.12	0.15	0.17	0.15	0.16	0.20
5	0.16	0.26	0.42	0.48	0.37	0.33	0.13	0.15	0.16	0.15	0.15	0.20
6	0.15	0.24	0.40	0.47	0.36	0.33	0.13	0.15	0.17	0.15	0.15	0.20
7	0.14	0.23	0.37	0.47	0.35	0.33	0.13	0.14	0.17	0.15	0.14	0.19
8	0.12	0.19	0.36	0.47	0.33	0.31	0.12	0.13	0.17	0.16	0.13	0.17
9	0.09	0.16	0.40	0.48	0.33	0.29	0.09	0.11	0.14	0.13	0.10	0.12
10	0.08	0.14	0.42	0.51	0.36	0.31	0.08	0.10	0.11	0.10	0.08	0.10
11	0.07	0.13	0.41	0.54	0.38	0.31	0.07	0.10	0.10	0.09	0.08	0.09
12	0.06	0.12	0.39	0.55	0.38	0.29	0.07	0.09	0.08	0.07	0.06	0.07
13	0.05	0.11	0.39	0.56	0.38	0.28	0.06	0.07	0.06	0.06	0.05	0.06
14	0.05	0.13	0.41	0.58	0.40	0.29	0.06	0.06	0.05	0.06	0.05	0.07
15	0.07	0.15	0.43	0.61	0.42	0.30	0.05	0.05	0.05	0.07	0.05	0.09
16	0.09	0.18	0.46	0.64	0.44	0.32	0.06	0.04	0.04	0.07	0.06	0.10
17	0.12	0.22	0.50	0.66	0.45	0.33	0.06	0.05	0.05	0.06	0.07	0.12
18	0.16	0.25	0.54	0.66	0.45	0.33	0.07	0.05	0.06	0.06	0.07	0.14
19	0.17	0.27	0.56	0.64	0.42	0.32	0.08	0.06	0.09	0.07	0.08	0.14
20	0.18	0.28	0.55	0.61	0.40	0.33	0.10	0.08	0.13	0.09	0.09	0.16
21	0.18	0.30	0.54	0.58	0.39	0.32	0.10	0.10	0.15	0.11	0.10	0.18
22	0.19	0.32	0.52	0.55	0.38	0.32	0.10	0.11	0.17	0.12	0.11	0.19
23	0.18	0.31	0.49	0.52	0.37	0.32	0.10	0.13	0.17	0.13	0.11	0.20
24	0.17	0.31	0.47	0.50	0.37	0.32	0.12	0.14	0.18	0.14	0.13	0.20

Inter-state wind profile for MSEDCL												
Slots	April	May	June	July	August	September	October	November	December	January	February	March
1	0.37	0.48	0.44	0.45	0.73	0.39	0.22	0.32	0.42	0.29	0.36	0.39
2	0.38	0.47	0.43	0.45	0.73	0.40	0.22	0.31	0.40	0.28	0.36	0.40
3	0.38	0.47	0.44	0.44	0.73	0.40	0.23	0.30	0.38	0.28	0.37	0.38
4	0.38	0.48	0.44	0.43	0.73	0.42	0.23	0.28	0.36	0.27	0.36	0.39
5	0.37	0.48	0.44	0.41	0.73	0.42	0.24	0.27	0.34	0.25	0.34	0.39
6	0.34	0.48	0.42	0.39	0.73	0.41	0.24	0.27	0.33	0.23	0.32	0.39
7	0.30	0.48	0.41	0.38	0.74	0.41	0.23	0.26	0.32	0.22	0.29	0.37
8	0.26	0.47	0.41	0.38	0.74	0.41	0.23	0.25	0.31	0.21	0.27	0.33
9	0.23	0.46	0.41	0.38	0.76	0.41	0.22	0.25	0.29	0.19	0.26	0.29
10	0.19	0.49	0.45	0.37	0.78	0.40	0.23	0.23	0.26	0.15	0.24	0.23
11	0.20	0.51	0.48	0.40	0.82	0.40	0.22	0.21	0.23	0.14	0.22	0.18
12	0.22	0.54	0.50	0.43	0.86	0.42	0.23	0.19	0.20	0.13	0.21	0.17
13	0.25	0.58	0.52	0.44	0.87	0.44	0.24	0.17	0.19	0.13	0.23	0.18
14	0.29	0.60	0.54	0.45	0.87	0.46	0.25	0.19	0.23	0.13	0.25	0.20
15	0.34	0.63	0.56	0.47	0.87	0.48	0.26	0.20	0.27	0.14	0.25	0.23
16	0.40	0.66	0.57	0.50	0.87	0.49	0.25	0.20	0.29	0.14	0.25	0.25
17	0.46	0.68	0.57	0.54	0.86	0.49	0.25	0.21	0.28	0.15	0.25	0.26
18	0.48	0.68	0.56	0.55	0.85	0.49	0.25	0.22	0.27	0.16	0.24	0.29
19	0.48	0.66	0.55	0.55	0.83	0.48	0.24	0.24	0.31	0.18	0.25	0.30
20	0.43	0.61	0.52	0.52	0.78	0.46	0.22	0.26	0.34	0.21	0.27	0.30
21	0.37	0.56	0.50	0.49	0.74	0.41	0.21	0.28	0.38	0.24	0.30	0.29
22	0.33	0.52	0.46	0.47	0.72	0.37	0.21	0.31	0.42	0.26	0.31	0.31
23	0.32	0.50	0.45	0.47	0.72	0.36	0.22	0.31	0.43	0.27	0.33	0.32
24	0.32	0.49	0.45	0.47	0.71	0.36	0.22	0.30	0.43	0.27	0.35	0.35

Hydro RoR profile for MSEDCL												
Slots	April	May	June	July	August	September	October	November	December	January	February	March
1	0.76	0.60	0.23	0.13	0.34	0.23	0.11	0.34	0.36	0.66	0.81	0.80
2	0.76	0.60	0.23	0.13	0.34	0.23	0.11	0.34	0.38	0.66	0.81	0.80
3	0.76	0.60	0.23	0.13	0.34	0.23	0.11	0.34	0.38	0.66	0.81	0.80
4	0.76	0.60	0.23	0.13	0.34	0.23	0.11	0.34	0.38	0.66	0.81	0.80
5	0.76	0.60	0.23	0.13	0.34	0.23	0.11	0.34	0.38	0.66	0.81	0.80
6	0.76	0.60	0.23	0.13	0.35	0.23	0.11	0.34	0.38	0.66	0.81	0.80
7	0.76	0.60	0.23	0.13	0.35	0.23	0.11	0.34	0.38	0.66	0.81	0.80
8	0.76	0.60	0.23	0.13	0.35	0.23	0.11	0.34	0.38	0.66	0.81	0.80
9	0.76	0.60	0.23	0.13	0.35	0.23	0.11	0.34	0.37	0.66	0.81	0.80
10	0.76	0.60	0.23	0.13	0.35	0.21	0.10	0.34	0.36	0.65	0.80	0.80
11	0.76	0.59	0.22	0.13	0.33	0.21	0.10	0.33	0.36	0.64	0.80	0.80
12	0.75	0.59	0.22	0.13	0.33	0.21	0.10	0.32	0.37	0.65	0.80	0.80

Hydro RoR profile for MSEDCL												
Slots	April	May	June	July	August	September	October	November	December	January	February	March
13	0.75	0.59	0.22	0.14	0.35	0.21	0.10	0.32	0.36	0.66	0.80	0.80
14	0.75	0.59	0.22	0.13	0.35	0.21	0.12	0.34	0.36	0.66	0.80	0.80
15	0.75	0.59	0.22	0.13	0.35	0.21	0.12	0.34	0.36	0.66	0.79	0.80
16	0.75	0.59	0.22	0.13	0.35	0.21	0.12	0.35	0.36	0.68	0.79	0.80
17	0.76	0.59	0.23	0.13	0.35	0.21	0.12	0.35	0.37	0.69	0.79	0.80
18	0.76	0.59	0.23	0.13	0.35	0.21	0.13	0.34	0.38	0.67	0.79	0.81
19	0.75	0.59	0.23	0.13	0.34	0.21	0.13	0.33	0.37	0.67	0.80	0.81
20	0.75	0.59	0.23	0.13	0.34	0.21	0.13	0.32	0.36	0.67	0.81	0.81
21	0.75	0.59	0.23	0.14	0.34	0.21	0.13	0.32	0.36	0.67	0.81	0.81
22	0.76	0.59	0.22	0.14	0.34	0.20	0.13	0.34	0.36	0.67	0.81	0.80
23	0.76	0.59	0.22	0.14	0.34	0.21	0.13	0.34	0.36	0.67	0.81	0.80
24	0.76	0.59	0.22	0.14	0.34	0.21	0.13	0.34	0.36	0.67	0.81	0.80

SHP profile for MSEDCL												
Slots	April	May	June	July	August	September	October	November	December	January	February	March
1	0.29	0.19	0.15	0.20	0.30	0.27	0.20	0.23	0.20	0.25	0.28	0.22
2	0.29	0.19	0.14	0.21	0.30	0.27	0.20	0.22	0.19	0.25	0.27	0.22
3	0.29	0.19	0.14	0.22	0.30	0.27	0.20	0.22	0.19	0.24	0.27	0.22
4	0.29	0.18	0.13	0.23	0.30	0.27	0.20	0.22	0.19	0.24	0.26	0.22
5	0.32	0.20	0.16	0.26	0.30	0.27	0.20	0.22	0.19	0.24	0.26	0.22
6	0.35	0.21	0.18	0.26	0.30	0.27	0.20	0.22	0.19	0.24	0.26	0.23
7	0.35	0.20	0.18	0.26	0.30	0.27	0.20	0.22	0.19	0.25	0.30	0.23
8	0.34	0.20	0.17	0.24	0.29	0.27	0.20	0.22	0.19	0.24	0.30	0.23
9	0.29	0.19	0.13	0.21	0.29	0.27	0.20	0.22	0.19	0.24	0.30	0.22
10	0.28	0.18	0.13	0.20	0.29	0.27	0.21	0.22	0.19	0.24	0.29	0.22
11	0.28	0.18	0.13	0.20	0.29	0.27	0.21	0.22	0.19	0.24	0.25	0.22
12	0.28	0.18	0.13	0.20	0.31	0.28	0.21	0.22	0.19	0.23	0.25	0.22
13	0.28	0.18	0.13	0.20	0.31	0.28	0.21	0.22	0.19	0.23	0.25	0.22
14	0.28	0.19	0.13	0.21	0.31	0.28	0.21	0.22	0.19	0.23	0.25	0.22
15	0.29	0.19	0.13	0.23	0.31	0.28	0.21	0.22	0.19	0.24	0.26	0.22
16	0.31	0.19	0.14	0.22	0.31	0.28	0.21	0.22	0.19	0.24	0.26	0.22
17	0.34	0.21	0.17	0.25	0.31	0.27	0.21	0.22	0.19	0.24	0.26	0.23
18	0.35	0.22	0.19	0.26	0.31	0.27	0.21	0.23	0.21	0.26	0.28	0.25
19	0.36	0.22	0.20	0.26	0.30	0.27	0.20	0.23	0.21	0.27	0.32	0.25
20	0.35	0.21	0.18	0.25	0.30	0.27	0.20	0.23	0.21	0.28	0.32	0.25
21	0.31	0.21	0.15	0.23	0.30	0.27	0.20	0.23	0.22	0.28	0.32	0.24
22	0.30	0.20	0.14	0.22	0.30	0.27	0.20	0.23	0.22	0.28	0.31	0.24
23	0.30	0.20	0.14	0.21	0.30	0.28	0.20	0.23	0.22	0.27	0.28	0.24
24	0.29	0.20	0.14	0.21	0.31	0.28	0.20	0.23	0.21	0.27	0.28	0.24

Biomass profile for MSEDCL												
Slots	April	May	June	July	August	September	October	November	December	January	February	March
1	0.10	0.06	0.02	0.01	0.00	0.01	0.01	0.26	0.36	0.37	0.37	0.30
2	0.10	0.06	0.02	0.01	0.00	0.01	0.01	0.26	0.36	0.38	0.37	0.30
3	0.10	0.06	0.02	0.01	0.00	0.01	0.01	0.26	0.36	0.38	0.38	0.30
4	0.10	0.06	0.02	0.01	0.00	0.01	0.01	0.26	0.36	0.38	0.38	0.30
5	0.10	0.06	0.02	0.01	0.00	0.01	0.01	0.26	0.36	0.37	0.37	0.30
6	0.10	0.06	0.02	0.01	0.00	0.01	0.01	0.26	0.36	0.37	0.37	0.30
7	0.10	0.05	0.02	0.01	0.00	0.01	0.01	0.26	0.36	0.37	0.37	0.30
8	0.10	0.05	0.02	0.01	0.00	0.01	0.01	0.26	0.36	0.37	0.37	0.30
9	0.10	0.05	0.02	0.01	0.00	0.01	0.01	0.26	0.36	0.37	0.37	0.30
10	0.10	0.05	0.02	0.01	0.00	0.01	0.01	0.26	0.35	0.37	0.37	0.29
11	0.10	0.05	0.02	0.01	0.00	0.01	0.01	0.26	0.35	0.37	0.37	0.29
12	0.10	0.05	0.02	0.01	0.00	0.01	0.01	0.26	0.35	0.37	0.36	0.29
13	0.10	0.05	0.02	0.01	0.00	0.01	0.01	0.26	0.35	0.37	0.36	0.29
14	0.10	0.05	0.02	0.01	0.00	0.01	0.01	0.25	0.35	0.36	0.36	0.28
15	0.10	0.05	0.02	0.01	0.00	0.01	0.02	0.25	0.35	0.36	0.36	0.28
16	0.10	0.05	0.02	0.01	0.00	0.01	0.02	0.25	0.35	0.36	0.36	0.28
17	0.10	0.05	0.02	0.01	0.00	0.01	0.02	0.25	0.34	0.36	0.36	0.28
18	0.10	0.05	0.02	0.01	0.00	0.01	0.02	0.25	0.34	0.36	0.36	0.28
19	0.10	0.05	0.02	0.01	0.00	0.01	0.02	0.26	0.35	0.36	0.36	0.28
20	0.10	0.05	0.02	0.01	0.00	0.01	0.02	0.26	0.35	0.37	0.36	0.29
21	0.10	0.05	0.02	0.01	0.00	0.01	0.02	0.26	0.35	0.37	0.36	0.29
22	0.10	0.05	0.02	0.01	0.00	0.01	0.02	0.27	0.35	0.37	0.37	0.29
23	0.10	0.05	0.02	0.01	0.00	0.01	0.02	0.27	0.36	0.37	0.37	0.29
24	0.10	0.05	0.02	0.01	0.00	0.01	0.02	0.27	0.36	0.37	0.37	0.29

## Annexure XII – FDRE Demand profile for MSEDCL

FDRE profile for MSEDCL based on net-demand												
Slots	April	May	June	July	August	September	October	November	December	January	February	March
1	0.76	0.78	0.76	0.48	0.57	0.61	0.76	0.63	0.51	0.59	0.67	0.75
2	0.74	0.75	0.75	0.46	0.56	0.59	0.75	0.61	0.49	0.57	0.64	0.73
3	0.73	0.73	0.74	0.45	0.56	0.59	0.74	0.60	0.49	0.56	0.63	0.71
4	0.72	0.72	0.73	0.45	0.56	0.59	0.75	0.61	0.50	0.57	0.64	0.72
5	0.74	0.74	0.74	0.48	0.59	0.62	0.77	0.64	0.54	0.61	0.67	0.75
6	0.80	0.78	0.79	0.55	0.67	0.67	0.84	0.70	0.62	0.69	0.74	0.81
7	0.82	0.74	0.77	0.61	0.73	0.73	0.89	0.78	0.74	0.81	0.85	0.89
8	0.65	0.57	0.61	0.54	0.61	0.63	0.73	0.73	0.77	0.86	0.88	0.80
9	0.49	0.43	0.45	0.45	0.44	0.49	0.53	0.65	0.68	0.81	0.78	0.63
10	0.33	0.28	0.29	0.34	0.28	0.35	0.38	0.56	0.53	0.69	0.62	0.46
11	0.28	0.22	0.22	0.29	0.23	0.28	0.27	0.46	0.37	0.52	0.46	0.33
12	0.25	0.20	0.20	0.23	0.19	0.25	0.20	0.37	0.24	0.35	0.33	0.24
13	0.25	0.21	0.20	0.19	0.17	0.23	0.20	0.33	0.18	0.25	0.25	0.20
14	0.28	0.24	0.21	0.17	0.17	0.23	0.24	0.36	0.19	0.24	0.23	0.20
15	0.39	0.34	0.31	0.22	0.23	0.29	0.35	0.47	0.29	0.33	0.30	0.28
16	0.53	0.47	0.43	0.30	0.32	0.40	0.52	0.62	0.46	0.48	0.44	0.43
17	0.66	0.60	0.54	0.40	0.45	0.52	0.71	0.77	0.68	0.67	0.63	0.61
18	0.77	0.73	0.66	0.50	0.58	0.66	0.84	0.84	0.80	0.80	0.78	0.77
19	0.80	0.79	0.72	0.59	0.69	0.75	0.90	0.85	0.84	0.86	0.87	0.86
20	0.84	0.85	0.80	0.67	0.76	0.76	0.90	0.81	0.79	0.84	0.90	0.92
21	0.83	0.84	0.80	0.65	0.72	0.72	0.86	0.76	0.73	0.78	0.84	0.89
22	0.81	0.83	0.79	0.61	0.69	0.70	0.84	0.73	0.67	0.73	0.80	0.86
23	0.80	0.84	0.79	0.56	0.66	0.67	0.81	0.69	0.61	0.68	0.76	0.83
24	0.78	0.82	0.78	0.51	0.61	0.63	0.78	0.65	0.55	0.62	0.71	0.79

## Annexure XIII – ATC Limits

	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30
ATC limits (in MW)	17000	21500	22500	24750	27225	29948



## Annexure XIV – Capacity credits

Capacity credit calculated at MSEDCCL's demand using top 876 slots (suggested)					
	2025-26	2026-27	2027-28	2028-29	2029-30
Thermal	83%	83%	83%	83%	83%
Existing solar	38%	54%	60%	51%	39%
New Solar	0%	0%	1%	1%	1%
Existing solar import	35%	50%	57%	50%	38%
New solar import	0%	0%	1%	1%	1%
Existing Wind	15%	10%	8%	10%	12%
New Wind	24%	21%	19%	17%	17%
Existing wind import	29%	25%	24%	30%	32%
New wind import	40%	34%	33%	32%	32%
Hydro	40%	40%	40%	40%	40%
Existing Hydro RoR	53%	55%	58%	58%	56%
New Hydro RoR	46%	46%	48%	49%	49%
Existing Hydro RoR import	22%	23%	21%	20%	23%
New Hydro RoR import	15%	19%	21%	24%	24%
Existing SHP	23%	23%	23%	24%	24%
New SHP	21%	22%	22%	23%	23%
Nuclear	80%	80%	80%	80%	80%
Biomass	8%	9%	12%	14%	14%
Hybrid Import	13%	12%	12%	11%	11%
FDRE	80%	81%	83%	84%	84%
ESS	90%	90%	90%	90%	90%

Capacity credit calculated at MSEDCCL's demand using top 250 slots (MERC)					
	2025-26	2026-27	2027-28	2028-29	2029-30
Thermal	83%	83%	83%	83%	83%
Existing solar	50%	59%	61%	52%	44%
New Solar	0%	0%	1%	1%	1%
Existing solar import	44%	53%	54%	50%	43%
New solar import	0%	0%	1%	1%	1%
Existing Wind	9%	8%	8%	9%	9%
New Wind	21%	14%	14%	13%	13%
Existing wind import	23%	20%	20%	27%	29%
New wind import	39%	29%	29%	29%	29%
Hydro	40%	40%	40%	40%	40%
Existing Hydro RoR	59%	61%	64%	65%	62%
New Hydro RoR	44%	42%	42%	42%	41%
Existing Hydro RoR import	29%	28%	25%	23%	24%
New Hydro RoR import	14%	22%	25%	26%	26%
Existing SHP	25%	25%	25%	27%	27%
New SHP	22%	23%	22%	22%	22%
Nuclear	80%	80%	80%	80%	80%
Biomass	6%	8%	9%	10%	10%

Capacity credit calculated at MSEDCL's demand using top 250 slots (MERC)					
	2025-26	2026-27	2027-28	2028-29	2029-30
Hybrid Import	13%	10%	10%	10%	10%
FDRE	81%	84%	86%	86%	86%
ESS	90%	90%	90%	90%	90%

## Annexure XV – Firm capacity calculated for MSEDCL's demand

Firm capacity (in MW) as per the current procurement plan of MSEDCL					
	2025-26	2026-27	2027-28	2028-29	2029-30
Thermal	15518	15518	15518	15518	15679
Solar	6074	10755	12193	10397	7915
Wind	436	293	259	318	369
Hydro	2188	2224	2278	2292	2317
SHP	72	74	74	76	76
Hybrid	91	419	428	404	381
FDRE	0	1279	1298	1279	1240
PSP	225	225	225	225	517
Nuclear	953	953	953	953	953
Biomass	529	754	919	770	720
<b>Total firm capacity</b>	<b>26086</b>	<b>32493</b>	<b>34146</b>	<b>32232</b>	<b>30164</b>

Firm capacity (in MW) as per ST-DRAP and MT-DRAP					
	2025-26	2026-27	2027-28	2028-29	2029-30
Thermal	15518	15518	15518	15518	16176
Solar	6074	10755	12193	10440	7998
Wind	436	293	259	807	858
Hydro	2188	2224	2278	2292	2317
SHP	72	74	74	76	76
Hybrid	91	419	428	404	381
FDRE	0	1279	1298	1665	1685
PSP	225	225	225	1065	4141
Nuclear	953	953	953	953	953
Biomass	529	754	919	770	720
<b>Total firm capacity</b>	<b>26086</b>	<b>32493</b>	<b>34146</b>	<b>33990</b>	<b>35303</b>

## Annexure XVI – Source-wise capacity addition plan of MSEDCCL.

<b>Capacity Addition Plan - Thermal</b>					
SrNo	Power Plant/Entity	Capacity (MW)	inter-state /intra-state	PPA status /Consent Given /Tender under Pipeline	Expected COD
1	NTPC Lara C'gad Stage 02, Unit 1&2 ( 2 X 800 MW)	228	inter-state	16-12-2010	FY 2028-29
2	Bhusawal Unit 6	660	intra-state	24-12-2010	FY 2024-25
3	NTPC Gadarwara Stage-II	111	inter-state	PPA signed	FY 2029-30
4	Adani (MSEDCL Tender)	1600	intra-state	LoA Issued	FY-2028-29
5	Sipat Project, Stage - III	264	inter-state	Consent given for allocation	FY 2029-30
6	MBPL	480	intra-state	Consent given for allocation	FY 2029-30
<b>Total -Thermal</b>		<b>3343</b>			
<b>Capacity Addition Plan - Hydro</b>					
SrNo	Power Plant/Entity	Capacity (MW)	inter-state /intra-state	PPA status /Consent Given /Tender under Pipeline	Expected COD
1	Subansari Hydro Electric Project	183	inter-state	10-02-2012	FY 2024-25
2	Pakaldul HEP	100	inter-state	Consent given	FY 2027-28
3	Ratle Hydroelectric Project	213	inter-state	Consent given	FY 2027-28
4	Kwar HEP	54	inter-state	Consent given	FY 2028-29
5	Dugar HE Project	50	inter-state	Consent given	FY 2028-29
6	Kiru HE Project	109	inter-state	Consent given	FY 2026 (March)
7	Sawalkot HE Project	323	inter-state	Consent given	FY 2033 (July 2032)
8	Dibang Multipurpose Project	288	inter-state	Consent given	FY 2031-32
<b>Total -Hydro</b>		<b>1320</b>			
<b>Capacity Addition Plan - Small Hydro</b>					
SrNo	Power Plant/Entity	Capacity (MW)	inter-state /intra-state	PPA status /Consent Given /Tender under Pipeline	Expected COD
1	Small Hydro	3.2	Intra-state	0	0
<b>Total Small Hydro</b>		<b>2043</b>			
<b>Capacity Addition Plan -PHSP/BESS (Storage)</b>					
SrNo	Power Plant/Entity	Capacity (MW)	inter-state /intra-state	PPA status /Consent Given /Tender under Pipeline	Expected COD
1	MSEDCL PHSP Tender (JSW & TPL)	3500	Intra-state	LoA Issued	50% -2028-29, 100% FY 2029-30
2	Sardar Sarover PSP capacity	324	Inter	Consent given	FY 2029-30
3	BESS	750	Intra	LoA issued	2026-27
<b>Total PSP/Storage</b>		<b>4574</b>			

**Capacity Addition Plan - Solar**

SrNo	Power Plant/Entity	Capacity (MW)	inter-state /intra-state	PPA status /Consent Given /Tender under Pipeline	Expected COD
1	Existing Centralised Tender (Intra state)	925	Intra-state	PPA Executed	FY 2024-25
2	MSKVY -1	250	Distributed (Intra)	PPA Executed	FY 2024-25
3	KUSUM-A	29.7	Distributed (Intra)	PPA Executed	FY 2024-25
4	KUSUM-C	74	Distributed (Intra)	PPA Executed	FY 2024-25
5	Grid connected solar (Inter state ) (NHPC)	1475	Inter-State	PPA Executed in April -24 & May-24	FY 2026-27
6	MSKVY 2.0 - phase-I	9144	Distributed (Intra)	PPA Executed - 7185 MW	FY 2025-26
7	MSKVY 2.0 - phase-II	5077	Distributed (Intra)	LOI issued - 4795 MW	FY-2026-27
8	Solar Tender Phase-X Intra	400	Intra-state	LoA issued	FY 2025-26
9	KUSUM-A	42.5	Distributed (Intra)	LoA issued	FY 2025-26
10	Grid connected inter-state(NTPC)	1600	Inter-state	1600 (Anboto-300, Apprava-300, JSW-700, avada-300)	FY-2026-27
11	SJVNL	1200	inter-state		2026-27
14	SECI -tranche -XIII	700	intra-state	PSA -JSW 700	2026-27
18	MSEDCL Thermal + Solar Tender	5000	inter-state	LoA issued	2026-27, 2027-28, 2028-29
19	Solar (Inter/Intra ) Tender phase-11	150	Intra-state		FY 2026-27
20	LIS (Intra)	885	Distributed (Intra)		FY 2026-2027
21	MSKVY 2.0 - phase-II	1093	Distributed (Intra)	Tender under process	FY 2026-2027
<b>Total Solar</b>		<b>28045</b>			

**Capacity Addition Plan - Bagasee**

SrNo	Power Plant/Entity	Capacity (MW)	inter-state /intra-state	PPA status /Consent Given /Tender under Pipeline	Expected COD
1	Bagasee (MoU Route)	180	Intra	PPA Executed	FY 2024-25
2	Bagasee (MoU Route)	690	Intra		FY 2026-2027
<b>Total Bagasee</b>		<b>870</b>			

**Capacity Addition- Hybrid**

SrNo	Power Plant/Entity	Capacity (MW)	inter-state /intra-state	PPA status /Consent Given /Tender under Pipeline	Expected COD
1	Hybrid- Wind -Solar	300	Intra-state	PPA Executed	FY 2025-26
2	Hybrid-Wind-Solar (NTPC)	780	inter-state	PPA - 780 MW (ACME - 300, Sprang -250, Junipar-230)	FY-2026-27
3	Hybrid-Wind-Solar	3264	Intra-state	LoA issued	FY 2027-28
<b>Total Hybrid</b>		<b>4344</b>			

## Annexure XVII – List of Existing Power Purchase Agreement executed by MSEDCL.

Sr. No.	Name of Generating Stations	Resource Type	Allocated Capacity (MW)	Commissioning Year	Fixed Cost (Rs/kW/yr.)	Variable Cost (Rs/kWh)	Availability	Date of signing of PPA	Date of expiry of PPA
<b>Central Generating Station</b>									
1	NTPC KORBA STAGE-I&II	Thermal	653	1983-1990	5244	1.74	92%	12-Jan-94	Expired
2	NTPC KORBA STAGE-III	Thermal	127	2011	7883	1.71	101%	5-Jan-11	20-Mar-36
3	NTPC Gadawara	Thermal	111	2019-2021	14403	3.93	94%	5-Jan-11	31-May-44
4	NTPC Sipat Stage-1	Thermal	585	2012	8757	1.78	86%	6-Dec-03	31-Jul-37
5	NTPC Khargone	Thermal	100	2020	14002	4.88	88%	5-Jan-11	31-Jan-45
6	NTPC Sipat stage=2	Thermal	285	2009	6896	1.83	95%	20-Feb-03	31-Dec-33
7	NTPC Lara	Thermal	291	2019 & 2020	11564	1.89	88%	16-Dec-10	6-Nov-45
8	NTPC Jhanor-Gandhar Gas	Gas	200	1995	7664	12.38		12-Jan-94	Expired
9	NTPC KHALGAON STAGE-II	Thermal	147	2008-2010	6566	3.09	95%	26-May-03	19-Mar-35
10	NTPC Vindhyachal stage-1	Thermal	446	1987-1991	6203	1.76	90%	12-Jan-94	Expired
11	NTPC Vindhyachal stage-2	Thermal	347	2000	5448	1.72	95%	20-Feb-03	19-Feb-28
12	NTPC Vindhyachal stage-3	Thermal	286	2007	6385	1.74	100%	20-Feb-03	14-Jul-32
13	NTPC Vindhyachal stage-4	Thermal	309	2014	11748	3.39	91%	18-Oct-08	26-Mar-39
14	NTPC Vindhyachal stage-5	Thermal	168	2015	11951	2.50	92%	27-Nov-07	30-Oct-40
15	NTPC Solapur	Thermal	666	2017-2019	11959	6.09	94%	19-Jul-10	29-Mar-44
16	NTPC MOUDA STAGE-1	Thermal	398	2014	11864	3.70	96%	3-Dec-07	29-Mar-39
17	NTPC MOUDA STAGE-2	Thermal	550	2017	11077	3.67	86%	3-Dec-07	17-Mar-42
18	NTPC Kawas GPP	Gas	204	1993	6422	5.28		12-Jan-94	Expired
19	NVVNL_Coal		20						
<b>State Generating Station</b>									
1	Bhusawal -3	Thermal	210	1982	6535	4.50	62%	1-Apr-09	31-Mar-34
2	Bhusawal -4	Thermal	500	2012	9833	3.70	81%	24-Dec-10	23-Dec-35
3	Bhusawal -5	Thermal	500	2014	9833	3.70	81%	24-Dec-10	23-Dec-35
4	Chandrapur-3	Thermal	210	1985	4303	4.05	57%	1-Apr-09	31-Mar-34
5	Chandrapur-4	Thermal	210	1986		4.05	83%	1-Apr-09	31-Mar-34
6	Chandrapur-5	Thermal	500	1991		4.05	89%	1-Apr-09	31-Mar-34
7	Chandrapur-6	Thermal	500	1992		4.05	76%	1-Apr-09	31-Mar-34
8	Chandrapur-7	Thermal	500	1997		4.05	36%	1-Apr-09	31-Mar-34
9	Chandrapur-8	Thermal	500	2015	6063	3.34	86%	24-Dec-10	23-Dec-35
10	Chandrapur-9	Thermal	500	2016		3.34	68%	24-Dec-10	23-Dec-35
11	Khaperkheda-1	Thermal	210	1989	6362	3.46	65%	1-Apr-09	31-Mar-34
12	Khaperkheda-2	Thermal	210	1990		3.46	84%	1-Apr-09	31-Mar-34
13	Khaperkheda-3	Thermal	210	2000		3.46	81%	1-Apr-09	31-Mar-34

14	Khaperkheda-4	Thermal	210	2001		3.46	57%	1-Apr-09	31-Mar-34
15	Khaperkheda-5	Thermal	500	2012	10792	3.03	84%	24-Dec-10	23-Dec-35
16	Koradi-6	Thermal	210	1982	14216	3.11	76%	1-Apr-09	31-Mar-34
17	Koradi-8	Thermal	660	2015	3126	3.14	68%	24-Dec-10	23-Dec-35
18	Koradi-9	Thermal	660	2016		3.14	92%	24-Dec-10	23-Dec-35
19	Koradi-10	Thermal	660	2017		3.14	101%	24-Dec-10	23-Dec-35
20	Nashik-3	Thermal	210	1979	7485	4.46	81%	1-Apr-09	31-Mar-34
21	Nashik-4	Thermal	210	1980		4.46	57%	1-Apr-09	31-Mar-34
22	Nashik-5	Thermal	210	1981		4.46	83%	1-Apr-09	31-Mar-34
23	Paras-3	Thermal	250	2008	9010	3.27	83%	1-Apr-09	31-Mar-34
24	Paras-4	Thermal	250	2010	9010	3.27	83%	24-Dec-10	23-Dec-35
25	Parli-6	Thermal	250	2007	9253	5.23	89%	1-Apr-09	31-Mar-34
26	Parli-7	Thermal	250	2010	9253	5.23	76%	24-Dec-10	23-Dec-35
27	Parli-8	Thermal	250	2016	13434	5.16	74%	24-Dec-10	23-Dec-35
28	Uran GT-5	Gas	108	1985	5596	5.29	36%	1-Apr-09	31-Mar-34
29	Uran GT-6	Gas	108	1985			74%	1-Apr-09	31-Mar-34
30	Uran GT-7	Gas	108	1985			86%	1-Apr-09	31-Mar-34
31	Uran GT-8	Gas	108	1986			68%	1-Apr-09	31-Mar-34
32	Uran Unit A0	Gas	120	1994				1-Apr-09	31-Mar-34
33	Uran Unit B0	Gas	120	1994				1-Apr-09	31-Mar-34
	<b>IPP</b>								
1	JSW Energy Ltd	Thermal	300	2010	5430	4.18	81%	23-02-2010	22-02-2035
2	APML 1200 MW (Adani)	Thermal	3085	2012 to 2017	9330	4.53		1320 MW: 8-Sep-08	1320 MW: 7-Sep-33
3	APML 125 MW (Adani)	Thermal			9009	4.66		1200 MW: 31-Mar-10	1200 MW: 30-Mar-35
4	APML 440 MW (Adani)	Thermal			7493	4.50		125 MW: 9-Aug-10	125 MW: 8-Aug-35
5	APML 1320 MW (Adani)	Thermal			7027	4.25		440 MW: 16-Feb-13	440 MW: 15-Feb-38
6	Rattan India Power Ltd (RIPL)	Thermal	1200	2015	5786	2.87	86%	22.04.2010 (450 MW) & 05.06.2010 (750 MW)	21.04.2039 (450 MW) & 12.03.2040 (750 MW)
7	GMR Warora Energy Limited	Thermal	200	2013	9114	2.99	89%	17.03.2010	16.03.2039
8	CGPL (TPCL-Mundra)	Thermal	760	2013	5785	4.01	69%	22-Apr-07	21-Mar-38
9	Sai Wardha Power Gen Ltd.	Thermal	240		10199	2.99	94%	2-Jul-20	1-Jul-45

PLANNED					
Sr. No	Power Plant		MSEDCL's Share (MW)	PPA	Expected COD
1	NTPC Lara C'gad Stage 02, Unit 1&2 ( 2 X 800 MW)	Thermal	228	16-12-2010	FY 2028-29
2	Bhusawal Unit 6	Thermal	660	24-12-2010	FY 2024-25
3	NTPC Gadawara Stage-II	Thermal	111	05.01.2011	FY 2029-30

Sr. No.	Name of Generating Stations	Resource Type	Installed Capacity (MW)	Allocated Capacity (MW)	Fixed Cost (Rs/MW) per Month	Variable Cost (Rs/kWh)	Date of signing of PPA
<b>Hydro</b>							
1	Koyna, Stg-I 4 x 70 MW units	Hydro	280	280	140.53	0.21	01-04-2009
2	Koyna, Stg-II 4 x 80 MW units	Hydro	320	320		0.21	01-04-2009
3	Koyna, Stg-III 4 x 80 MW units	Hydro	320	320		0.21	01-04-2009
4	Koyna, Stg-IV 4 x 250 MW units	Hydro	1000	1000		0.21	01-04-2009
5	Koyna 2 x 18 MW units	Hydro	36	36		0.21	01-04-2009
6	Bhira Unit-1 & 02	Hydro	80	80	39792		01-04-2009
7	Tillari Unit	Hydro	60	66	117500		01-04-2009
8	Vaitarna Unit	Hydro	60	60	240000		01-04-2009
9	Sardar Sarovar Project	Hydro	1450	391.5		2.05	
10	Pench	Hydro	160	54		2.05	
11	Dodson II	Hydro	34	34	464705.8824		28.06.2006

Sr. No.	Name of Generating Stations	Resource Type	Installed Capacity (MW)	Allocated Capacity (MW)	Fixed Cost (Rs/MW) per Month	Date of signing of PPA	Date of expiry of PPA
<b>PSP</b>							
1	Ghatghar - pumped storage	PSP	125	125	580000	12-05-2014	-
2	Ghatghar - Pumped storage	PSP	125	125		12-05-2014	-

Sr. No.	Name of Generating Stations	Resource Type	Installed Capacity (MW)	Allocated Capacity (MW)	Commissioning Year	Variable Cost (Rs/kWh)
<b>Nuclear</b>						
1	KAPS 1&2	Nuclear	320	160	1969	3.74
2	KAPS 3&4	Nuclear	1080	434	2005-06	4.40
3	TAPS 1&2	Nuclear	440	149	1993-95	0.00
4	TAPS 3&4	Nuclear	1400	448	2023/2024	3.53

<b>PLANNED</b>						
	Power Plant	Resource Type	IC (MW)	MSEDCL Share	Generation Capacity (MW)	Expected COD
1	MSEDCL PHSP Tender (JSW & TPL)	PSP	3000	1	3500	50% -2028-29, 100% FY 2029-30
2	BESS	Battery storage	250	1	750	2026-27

<b>PLANNED</b>						
Sr. No	Power Plant	Resource Type	Total Capacity (MW)	MSEDCL's Share (MW)	PPA	Expected COD
4	Subansari Hydro Electric Project	Hydro	2000	183	10.02.2012	FY 2024-25

Sr. No.	Name of Generating Stations	Resource Type	Installed Capacity (MW)	Allocated Capacity (MW)	Commissioning Year/Expected date of COD	Fixed Cost (Rs/kW/yr.)	Date of signing of PPA
	<b>Biomass &amp; Bagasse</b>						
1	M/s Sinewave Biomass Pvt. Ltd.	Biomass	10	10	23-01-2014	4.5	05-02-2011
2	M/s Maharashtra Vidhyut Nigam Pvt. Ltd.	Biomass	10	10	20-05-2013	5.13	30-12-2014
3	M/s Manas Agro Industries & Infrastructure Ltd.	Biomass	10	10	01-05-2015	8.50	31-03-2016
4	M/s Greta Energy Ltd.	Biomass	7	7	10-08-2012	7.34	07-03-2018
5	Kallappanna Awade Jawahar Shetkari SSKL (Phase I)	Bagasse	24.00	24.00	23-11-2001	4.75	19-01-2021
6	Kallappanna Awade Jawahar Shetkari SSKL (Phase II)	Bagasse	3.00	3.00	10-12-2007	4.75	19-01-2021
7	Bhairavnath Sugar Works Ltd. (Terna Shetkari Sahakari Sakhar Karkhana Ltd)	Bagasse	7.00	7.00	13-12-2002	4.75	18-10-2023
8	Vighnagar SSKL (Phase I)	Bagasse	6.00	6.00	23-12-2005	4.75	08-02-2021
9	Vighnagar SSKL (Phase II)	Bagasse	12.00	12.00	15-01-2013	7.06	27-01-2010
10	Rajarambapu Patil SSKL(W)	Bagasse	12.00	12.00	11-11-2006	4.75	08-02-2021
11	Pandurang SSKL (Phase I)	Bagasse	9.00	9.00	22-06-2006	4.75	20-01-2021
12	Mula SSKL	Bagasse	30.00	30.00	11-12-2006	4.75	20-01-2021
13	Bhimashankar SSKL (Phase I)	Bagasse	6.00	6.00	04-01-2007	4.75	19-01-2021
14	Bhimashankar SSKL (Phase II)	Bagasse	13.00	13.00	04-11-2013	7.18	12-12-2012
15	Manas Agro Industries & Infrastructure Ltd. (Purti Sakhar Karkhana Ltd.)	Bagasse	22.00	22.00	18-03-2007	4.75	18-01-2021
16	Dr B. Ambedkar SSKL (Phase I)	Bagasse	16.00	16.00	25-05-2007	4.75	21-01-2021
17	Dr B. Ambedkar SSKL (Phase II)	Bagasse	9.70	9.70	06-03-2015	7.06	18-03-2014
18	Loknete Marutrao Ghule Patil Dnyaneshwar SSKL (Phase I)	Bagasse	12.00	12.00	31-07-2007	4.75	08-02-2021
19	Shri Chhatrapati Shahu SSKL (Phase I)	Bagasse	12.5	12.5	15-03-2008	4.75	22-02-2021
20	Shri Chhatrapati Shahu SSKL (Phase II)	Bagasse	9.00	9.00	25-11-2012	7.06	31-08-2013
21	Daund Sugar Ltd. (Phase I)	Bagasse	18.00	18.00	27-12-2009	4.75	15-12-2022
22	Shree Renuka Sugars Ltd. (Boot-Deshbhakta Ratnapanna Kumbhar SSKL)	Bagasse	30.00	30.00	14-12-2009	4.75	26-12-2022
23	Gangakhed Sugars Energy Ltd.	Bagasse	30.00	30.00	24-12-2009	4.75	30-12-2022
24	Krantiagrani Dr. G. D. Babu Lad SSKL (Phase I)	Bagasse	13.00	13.00	16-02-2010	4.75	07-02-2023
25	Krantiagrani Dr. G. D. Babu Lad SSKL (Phase II)	Bagasse	6.70	6.70	21-01-2013	7.06	12-12-2012



26	Yashwantrao Mohite Krishna SSKL	Bagasse	16.00	16.00	31-03-2010	4.75	08-03-2023
27	The Malegaon SSKL (Phase I)	Bagasse	21.00	21.00	10-03-2010	4.75	26-04-2023
28	Purna SSKL	Bagasse	18.00	18.00	27-06-2011	4.75	09-05-2011
29	Saikrupa SSKL	Bagasse	5.50	5.50	22-10-2010	7.06	07-10-2009
30	Jaishriram Sugar & Agro Products Ltd.	Bagasse	5.00	5.00	16-12-2012	7.06	07-10-2009
31	Karmayogi Ankushrao Tope Samarth SSKL	Bagasse	18.00	18.00	07-01-2011	4.75	13-12-2023
32	Sadashivrao Mandlik Kagal Taluka SSKL	Bagasse	12.00	12.00	09-02-2012	7.06	24-11-2009
33	Vilas SSKL	Bagasse	18.00	18.00	15-02-2011	4.75	22-02-2024
34	Shri Vithal SSKL (Phase I)	Bagasse	10.00	10.00	27-05-2010	4.75	11-08-2023
35	Shri Vithal SSKL (Phase II)	Bagasse	19.80	19.80	28-09-2016	7.06	23-01-2015
36	Dharashiv Sakhar Karkhana Ltd. (Vasatraodada Patil SSKL)	Bagasse	17.00	17.00	18-02-2012	7.06	27-01-2010
37	Siddhanath Sugar Mills Ltd. (Phase I)	Bagasse	12.00	12.00	15-12-2010	4.75	27-10-2023
38	Siddhanath Sugar Mills Ltd. (Phase II)	Bagasse	14.00	14.00	20-09-2014	7.06	12-05-2014
39	S. M. Shankarrao Mohite- Patil SSKL	Bagasse	33.00	33.00	06-03-2011	4.75	05-03-2024
40	Dr. Patangrao Kadam Sonhira Sahakari Sakhar Karkhana Ltd.	Bagasse	22.00	22.00	29-04-2011	4.75	26-02-2010
41	Mohanrao Shinde SSKL	Bagasse	15.00	15.00	17-03-2010	4.75	12-10-2023
42	Baramati Agro Ltd. (Phase I)	Bagasse	22.00	22.00	22-04-2010	4.75	04-05-2023
43	Someshwar SSKL	Bagasse	18.00	18.00	21-05-2010	4.75	04-05-2023
44	Vitthalrao Shinde SSKL (Phase I)	Bagasse	12.00	12.00	11-03-2011	4.75	11-03-2010
45	Vitthalrao Shinde SSKL (Phase II)	Bagasse	26.00	26.00	20-11-2014	7.06	10-10-2014
46	Vitthal Corporation Ltd.,	Bagasse	12.00	12.00	21-03-2011	4.75	19-03-2024
47	Kisanveer Satara SSKL	Bagasse	22.00	22.00	14-02-2012	7.06	30-03-2010
48	Dudhaganga-Vedganga SSKL	Bagasse	20.00	20.00	19-02-2012	7.06	20-04-2010
49	Jakraya Sugars	Bagasse	11.00	11.00	01-07-2011	4.75	20-04-2010
50	Olam Global Agri Commodities India Pvt. Ltd ( Hemarus Technologies Ltd)	Bagasse	20.00	20.00	23-11-2010	4.75	12-10-2023
51	Twentyone Sugars Ltd. (Unit-II) (Maharashtra Shetkari Sugar Ltd.)	Bagasse	20.00	20.00	16-02-2014	7.18	21-09-2010
52	Jagruti Sugar & Allied Industries Ltd	Bagasse	13.00	13.00	14-12-2011	7.06	21-09-2010
53	Dwarkadhish Sakhar Karkhana Ltd.	Bagasse	13.00	13.00	27-12-2010	4.51	02-01-2024

54	Gangamai Industries & Constructions Ltd (Phase I)	Bagasse	18.00	18.00	05-12-2011	7.06	08-10-2010
55	Gangamai Industries & Constructions Ltd (Phase II)	Bagasse	14.00	14.00	24-12-2014	7.06	29-03-2014
56	Sahakar Maharshi Shankarrao Kolhe SSKL	Bagasse	12.00	12.00	03-12-2011	7.06	16-10-2010
57	Samrudhi Sugars Ltd	Bagasse	12	12	03-04-2014	7.26	03-11-2010
58	Bhima SSKL	Bagasse	19.50	19.50	02-12-2012	7.06	16-12-2010
59	Shreenath Mhaskoba SSKL	Bagasse	10.00	10.00	20-01-2012	7.06	24-01-2011
60	Indreshwar Sugar Mills Ltd.	Bagasse	12.00	12.00	19-12-2011	7.06	09-12-2011
61	Bhairavnath Sugar Works Ltd.	Bagasse	12.00	12.00	28-02-2012	7.06	08-03-2011
62	Vaidhyanath SSKL	Bagasse	21.00	21.00	08-02-2013	7.06	24-03-2011
63	Shri. Saikrupa Sugar & Allied Industries Ltd.	Bagasse	40.00	40.00	31-03-2011	4.75	24-02-2011
64	Loknete Sunderraoji Salanke SSKL	Bagasse	22.00	22.00	23-11-2013	7.18	11-05-2011
65	Shri Shankar SSKL	Bagasse	20.00	20.00	23-03-2011	4.75	28-03-2011
66	Karmyogi Kundalakrao Ramrao Jagtap Patil Kukadi Sahakari Sakhar Karkhana Ltd. (Phase I)	Bagasse	12.00	12.00	06-12-2013	7.18	08-04-2011
67	Vishwasrao Naik SSKL	Bagasse	15.00	15.00	28-12-2012	7.06	21-04-2011
68	Vikasratna Vilasrao Deshmukh Manjara Shetkari SSKL	Bagasse	18.00	18.00	12-11-2013	7.18	10-06-2011
69	Shree Renuka Sugars Ltd. (Boot- M/s Ajinkyatara SSKL)	Bagasse	24.00	24.00	02-11-2012	7.06	23-09-2011
70	Bhairavnath Sugar Works Ltd.	Bagasse	14.50	14.50	02-05-2012	7.06	21-10-2011
71	Ashok SSKL	Bagasse	15.00	15.00	12-11-2013	7.18	16-11-2011
72	Lokmangal Sugar Ethanol & Cogen. Ind. Ltd. (Phase I)	Bagasse	15.00	15.00	02-04-2009	4.75	13-12-2023
73	Lokmangal Sugar Ethanol & Cogen. Ind. Ltd. (Phase II)	Bagasse	16.50	16.50	07-02-2012	7.06	09-04-2012
74	NSL Sugars Ltd	Bagasse	30.00	30.00	07-01-2013	7.06	13-01-2012
75	Shri Pandurang SSKL (Phase II)	Bagasse	10.00	10.00	22-02-2012	7.06	14-03-2012
76	Udagiri Sugar & Power Ltd.	Bagasse	14.00	14.00	03-03-2013	7.06	16-03-2012
77	Pravara Renewable Energy Ltd(Boot-Padmashri Vikhe Patil SSKL)	Bagasse	30.00	30.00	05-11-2015	7.26	11-09-2012
78	Sitaram Maharaj S K	Bagasse	10.00	10.00	11-12-2013	7.18	08-10-2012
79	Kumbhi Kasari SSKL	Bagasse	17.50	17.50	08-01-2014	7.18	17-11-2012
80	Sadguru Sri Sri Sakhar Karkhana	Bagasse	12.00	12.00	21-03-2014	7.18	22-11-2012
81	Shri Ambalika Sugars Pvt. Ltd. (Phase I)	Bagasse	38.00	38.00	27-11-2012	7.06	26-11-2012
82	Yedeshwari Agro Products Ltd. (Unit No. 2) (Aryan Sugar Ltd.)	Bagasse	10.00	10.00	11-01-2015	7.26	07-12-2012

83	Chhatrapati Sambhaji Raje Sakhar Udyog Ltd.	Bagasse	6.00	6.00	02-01-2013	7.06	15-12-2012
84	Shri Gurudatt Sugars Ltd.	Bagasse	15.00	15.00	22-11-2013	7.18	22-02-2013
85	Sar Senapati Santaji Ghorpade Sugar Factory Ltd.	Bagasse	22.00	22.00	24-12-2014	7.26	09-04-2013
86	Karmayogi Shankarraoji Patil SSKL	Bagasse	15.00	15.00	13-11-2013	7.18	10-05-2013
87	Manas Agro Industries and Infrastructure Ltd	Bagasse	15.00	15.00	28-11-2013	7.18	30-04-2013
88	Yedeshwari Agro Products Ltd	Bagasse	10.00	10.00	17-01-2014	7.18	07-06-2013
89	Urjankur Shree Tatyasaheb Kore Power	Bagasse	44.00	44.00	01-04-2013	7.18	21-06-2013
90	Urjankur Shree Datta Co.Ltd	Bagasse	36.00	36.00	11-08-2011	7.06	21-06-2013
91	The Saswad Mali Sugar Factory Ltd	Bagasse	14.80	14.80	19-12-2013	7.18	02-09-2013
92	Sahakar Shiromani Vasanttrao Kale SSKL	Bagasse	18.00	18.00	16-01-2016	7.32	31-08-2013
93	Vitthalrao Shinde Sahakari Sakhar Karkhana Ltd. (Unit-2)	Bagasse	12.50	12.50	21-02-2015	7.26	23-09-2013
94	Padmashri Dr. D Y Patil Sahakari Sakhar Karkhana Ltd. (Orient Green Power)	Bagasse	20.00	20.00	09-02-2015	7.26	15-10-2013
95	Lokmangal Mauli	Bagasse	30.00	30.00	28-11-2013	7.18	18-10-2013
96	Baramati Agro Ltd	Bagasse	14.75	14.75	20-11-2013	7.18	25-10-2013
97	Shri Datta Sakhar Karkhana (A unit of Dalmia Bharat Sugar and Ind. Ltd	Bagasse	23.00	23.00	16-03-2014	7.18	01-11-2013
98	Nira Bhima SSKL	Bagasse	18.00	18.00	11-04-2014	7.26	25-11-2013
99	Natural Sugar & Allied Industries Ltd	Bagasse	13.00	13.00	11-01-2014	7.18	12-12-2013
100	Matoshri Laxmi Sugar Co-Generation Industries Ltd.	Bagasse	12.00	12.00	12-03-2014	7.18	08-01-2014
101	Kancheshwar Sugar Ltd.	Bagasse	15.00	15.00	11-02-2015	7.26	10-03-2014
102	Loknete Baburao Patil Agro Industries Ltd.	Bagasse	19.50	19.50	03-07-2014	7.26	16-04-2014
103	Utopian Sugars Ltd.	Bagasse	14.80	14.80	02-12-2014	7.26	29-04-2014
104	Bhairavnath Sugar Works Ltd.	Bagasse	14.50	14.50	29-11-2014	7.26	30-04-2014
105	Green Power Sugars Ltd.	Bagasse	15.00	15.00	03-04-2015	7.26	19-09-2014
106	Bhairavanath Sugar Works Ltd	Bagasse	12.50	12.50	26-03-2015	7.26	22-09-2014
107	Sant Tukaram SSKL	Bagasse	15.00	15.00	13-06-2016	7.23	24-11-2014
108	Jaywant Sugars Ltd.	Bagasse	10.00	10.00	22-04-2015	7.26	24-11-2014
109	Babanroji Shinde Sugar and allied ind	Bagasse	25.00	25.00	21-02-2015	7.26	07-02-2015

110	Shraddha Energy & Infraprojects Pvt. Ltd.	Bagasse	12.00	12.00	15-06-2015	7.26	27-02-2015
111	Baliraja Sakhar Karkhana Ltd.	Bagasse	15.00	15.00	17-06-2015	7.26	07-04-2015
112	Sahakarmaharshi Bhausaheb Thorat SSKL	Bagasse	30.00	30.00	28-03-2016	7.32	23-04-2015
113	Rajarambapu Patil SSKL	Bagasse	28.00	28.00	26-12-2016	7.23	15-05-2015
114	Swaraj Green Power & Fuel Ltd.	Bagasse	19.50	19.50	21-11-2015	7.32	19-05-2015
115	Sharayu Agro Industries Ltd.	Bagasse	30.00	30.00	27-10-2016	7.23	14-10-2015
116	Jai Hind Sugar Pvt. Ltd. (Phase I)	Bagasse	14.5	14.5	18-12-2015	7.32	28-10-2015
117	Sant Muktai Sugar & Energy Ltd.	Bagasse	12	12	21-01-2017	7.23	16-04-2016
118	Utech Sugar Ltd.	Bagasse	14.90	14.90	28-12-2017	7.15	11-02-2014
119	Shri Chhatrapati SSKL	Bagasse	18.00	18.00	12-12-2017	7.15	14-10-2015
120	Khandala Taluka Shetkari SSKL	Bagasse	9.5	9.5	04-04-2018	4.98	23-07-2018
121	Sharad SSKL	Bagasse	13.00	13.00	20-01-2018	4.98	23-07-2018
122	Vitthal Refined Sugars Ltd.	Bagasse	26.00	26.00	01-12-2017	4.99	26-07-2018
123	Loknete Marutrao Ghule Patil Dnyaneshwar SSKL (Phase II)	Bagasse	19.50	19.50	06-12-2017	4.99	26-07-2018
124	Rena SSKL	Bagasse	12.00	12.00	21-03-2018	4.98	26-07-2018
125	Jarandeshwar Sugar Mills Pvt. Ltd.	Bagasse	30.00	30.00	03-04-2018	4.98	26-07-2018
126	Raosahebdada Pawar Ghodganga SSKL	Bagasse	20.50	20.50	16-08-2018	4.99	26-07-2018
127	Bhima SSKL	Bagasse	25.00	25.00	10-03-2018	4.98	26-07-2018
128	Shree Siddheshwar SSKL	Bagasse	38.00	38.00	29-12-2017	4.99	27-07-2018
129	Gokul Mauli Sugars Ltd.	Bagasse	14.85	14.85	01-03-2018	4.98	27-07-2018
130	Piyush Sugar And Power Pvt. Ltd.	Bagasse	6.00	6.00	31-01-2018	4.97	31-07-2018
131	Gokul Sugar Industries Ltd.	Bagasse	14.50	14.50	26-12-2018	4.99	23-07-2018
132	Parag Agro Foods and Allied Products Pvt. Ltd.	Bagasse	14.00	14.00	30-10-2018	4.97	01-08-2018
133	Karmyogi Kundalikrao Ramrao Jagtap Patil Kukadi Sahakari Sakhar Karkhana Ltd. (Phase II)	Bagasse	15.00	15.00	29-10-2018	4.99	01-08-2018
134	Sahakar Maharshi Shivajirao Narayanrao Nagawade SSKL	Bagasse	26.00	26.00	28-08-2019	4.99	01-08-2018
135	The Malegaon Sahakari Sakhar Karkhana Ltd.	Bagasse	14.00	14.00	06-01-2020	4.75	18-10-2019
136	Jai Hind Sugar Pvt. Ltd. (Phase II)	Bagasse	15.50	15.50	17-01-2020	4.97	18-07-2018
137	Khatav Man Taluka Agro Processing Ltd	Bagasse	12.00	12.00	18-02-2020	4.75	16-08-2019
138	Audambarraoji Patil Sakhar Karkhana Ltd.,	Bagasse	10.00	10.00	11-01-2021	4.75	19-08-2019
139	Aayan Multitrade LLP	Bagasse	30.00	30.00	29-01-2021	4.75	25-01-2021
140	Twentyone Sugars Ltd.,	Bagasse	30.00	30.00	17-09-2021	4.75	22-08-2019
141	Baramati Agro Ltd. (Phase II)	Bagasse	18.00	18.00	29-12-2021	4.75	27-09-2021

142	Jarandeshwar Sugar Mills Pvt. Ltd. (Phase II)	Bagasse	20.00	20.00	26-03-2022	4.75	28-09-2021
143	Dudhaganga-Vedganga SSKL (Phase II)	Bagasse	10.00	10.00	24-11-2022	4.75	27-10-2021
144	Shri Dutt India Pvt. Ltd.	Bagasse	30.00	30.00	22-11-2022	4.75	28-12-2021
145	Shripati Sugar & Power Ltd.	Bagasse	12.00	12.00	01-02-2023	4.75	11-08-2021
146	Bhimashankar SSKL (Phase III)	Bagasse	16.00	16.00	23-03-2023	4.75	08-06-2021
147	Shree Kranti Sugar & Power Ltd.	Bagasse	12.50	12.50	21-03-2023	4.75	23-06-2021
148	Dr. Shankarrao Chavan Jaggery & Agro Product Pvt. Ltd.,	Bagasse	6.00	6.00	30-03-2023	4.75	15-02-2023
149	Daund Sugar Pvt. Ltd.	Bagasse	64.00	64.00	20-10-2023	4.75	26-11-2021
150	Shri Subhash Sugar Pvt. Ltd.	Bagasse	14.90	14.90	02-11-2023	4.75	06-08-2021
151	Baramati Agro Ltd. (Phase III)	Bagasse	28.40	28.40	01-11-2023	4.75	04-05-2023
152	Aayan Multitrade LLP (Unit-II)	Bagasse	32.00	32.00	30-12-2023	4.75	12-12-2023
153	Piyush Sugar & Power Pvt Ltd	Bagasse	5.00	5.00	09-02-2024	4.75	18-09-2023
154	Athani Sugars Ltd	Bagasse	14.50	14.50	02-03-2024	4.75	09-02-2024
155	Quinergy Industries Ltd.	Bagasse	32.00	32.00	07-03-2024	4.75	12-12-2023
156	Yedeshwari Agro Products Ltd.	Bagasse	16.00	16.00	25-03-2024	4.75	06-10-2022
157	Shree Pandurang Sahakari Sakhar karkhana Ltd	Bagasse	9.20	9.20	30-03-2024	4.75	19-01-2024
158	Swami Samarth Sugar & Agro Industries Ltd.	Bagasse	12.00	12.00	FY 2024-25 Expected	4.75	16-10-2019
159	Someshwar SSKL (Phase II)	Bagasse	18.00	18.00	FY 2024-25 Expected	4.75	04-05-2023
160	Sapanrao Balkrushna Dhasal Agro Products Ltd	Bagasse	6.00	6.00	FY 2024-25 Expected	4.75	17-05-2023
161	Shree Annapurna Sugar And Jaggery Works Ltd.	Bagasse	3.00	3.00	FY 2024-25 Expected	4.75	12-09-2023
162	Vitthalrao Shinde Sahakari Sakhar Karkhana Ltd.	Bagasse	11.00	11.00	FY 2025-26 Expected	4.75	13-12-2023
163	Shree Chhatrapati Shahu Sahakari Sakhar Karkhana Ltd.	Bagasse	12.50	12.50	FY 2025-26 Expected	4.75	13-02-2024
164	Reliable Sugar & Distillery Power Ltd.	Bagasse	8.50	8.50	FY 2025-26 Expected	4.75	12-03-2024
165	Shri Ambalika Sugars Pvt. Ltd.	Bagasse	18.00	18.00	FY 2025-26 Expected	4.75	23-08-2024
166	Solapur Bio-Energy Systems Pvt. Ltd	MSW	4	4	04-07-2013	4.88	24-03-2011
167	Pune Bio Energy Systems Pvt. Ltd.	MSW	13.19	13.19	FY 2024-25 Expected	6.53	12-08-2022

Sr. No.	Name of Generating Stations	Resource Type	Installed Capacity (MW)	Allocated Capacity (MW)	Commissioning Year/Expected date of COD	Fixed Cost (Rs/kW/yr.)	Date of signing of PPA
	<b>Small Hydro</b>						
1	GOMWRD	SHP	0.075	0.075	02-01-1988	3.11	29-01-2014
2	GOMWRD	SHP	0.75	0.75	11-02-2004	3.11	20-09-2013
3	GOMWRD	SHP	1.5	1.5	11-08-2007	3.11	20-09-2013
4	GOMWRD	SHP	2	2	21-12-2007	3.11	29-05-2013
5	GOMWRD	SHP	2.25	2.25	08-01-2002	3.11	29-05-2013
6	GOMWRD	SHP	3	3	05-11-2001	3.11	29-05-2013
7	Samwat system Pvt.Ltd	SHP	1.2	1.2	24-02-2013	4.26	23-02-2011
8	Shri Swami Samarth Engineers	SHP	1.2	1.2	24-03-2017	4.75	21-12-2016
9	SMS Vidyut Pvt.Ltd	SHP	1.4	1.4	19-11-2011	4.51	25-08-2011
10	Gadre Marine Exports Ltd	SHP	1.5	1.5	19-06-2010	4.26	09-11-2011
11	Vishwaj Energy Pvt.Ltd	SHP	2.5	2.5	08-04-2011	4.51	16-11-2011
12	Avalon Power Pvt.Ltd	SHP	3	3	31-03-2016	5.12	13-04-2016
13	Mahati Hydro Power projects Pvt.Ltd	SHP	4	4	14-09-2010	4.26	22-11-2010
14	Vishwaj Energy Pvt.Ltd	SHP	4	4	18-09-2011	4.51	02-11-2011
15	SMS Vidyut Pvt.Ltd	SHP	4.4	4.4	29-01-2015	4.92	12-12-2013
16	Mahati Hydro Power Projects Pvt Ltd	SHP	4.8	4.8	20-05-2012	4.76	12-04-2017
17	DLI (India)Pvt.Ltd	SHP	4.9	4.9	08-01-2011	4.26	06-12-2010
18	Khodashi Power Pvt.Ltd	SHP	4.9	4.9	18-12-2013	4.51	18-03-2014
19	Celerity Power	SHP	6	6	09-10-2009	3.84	23-09-2016
20	New Asian Infrastructure Pvt.Ltd	SHP	7	7	13-11-2015	4.21	08-05-2013
21	Mahati Vidarbh Hydro power Pvt.Ltd	SHP	24	24	26-12-2017	4.75	30-04-2016
22	Aarti Hydro Power Pvt.Ltd	SHP	1.5	1.5	29-03-2016	4.75	21-12-2016
23	Rohan Rajdeep Hydro Power Projects	SHP	1.8	1.8	15-03-2017	4.75	05-03-2015
24	Kamdar Infrastructure Pvt.Ltd	SHP	4	4	21-03-2016	4.64	02-12-2017
25	Ashoka Sthapatya Pvt. Ltd.	SHP	2.00	2.00	25-11-2018	4.82	27-04-2017
29	Khare & Tarkunde Infrastructure Pvt Ltd	SHP	0.5	0.5	FY 2024-25		27-06-2018
32	Ashoka Buildcon Ltd.	SHP	1.5	1.5	19-03-2017		Various dates
33	MSPGCL	SHP	173	173	Commissioned		13-08-2001
34	Dodson Lindblom Bhandardara SHP	SHP	12	12	13-08-2001	3.75	28-10-2021
35	Mahati Hydro Power Veer Projects Pvt Ltd.	SHP	9	9	10-06-2022	5.29 (6.95)	23-11-2021
36	Ashoka Sthapatya Pvt. Ltd.	SHP	1	1	17-04-2021	3.42 & 3.43	30-06-2024

Sr. No.	Name of Generating Stations	Resource Type	Installed Capacity (MW)	Allocated Capacity (MW)	Commissioning Year/Expected date of COD	Fixed Cost (Rs/kW/yr.)	Date of signing of PPA
	<b>Hybrid</b>						
1	NTPC	WIND-SOLAR HYBRID	780	780	FY 2026-27 Expected	2.56	22-07-2022
2	T P Saurya Ltd	WIND-SOLAR HYBRID	300	300	FY 2024-25	4.46	13-03-2024

Sr. No.	Name of Generating Stations	Resource Type	Installed Capacity (MW)	Allocated Capacity (MW)	Commissioning Year/Expected date of COD	Fixed Cost (Rs/kW/yr.)	Date of signing of PPA
	<b>FDRE</b>						
1	SJVN Ltd.	FDRE	1468	1468	FY 2026-27 Expected	3.00	20-01-2018

Sr. No.	Name of Generating Stations	Resource Type	Allocated Capacity (MW)	Commissioning Year/Expected date of COD	Fixed Cost (Rs/kW/yr.)	Date of signing of PPA
	<b>Wind</b>					
1	SECI (Power Sale Agreement)	Wind	90.00	19.08.2022	2.58	31-08-2018
2	Torrent Power Limited	Wind	124.40	13-12-2019	2.86	17-07-2018
5	Adani Green Energy (MP) Limited	Wind	75.00	27-12-2019	2.85	17-07-2018
6	KCT Renewable Energy Private Limited	Wind	75.00	26-12-2019	2.85	17-07-2018
7	ESSEL Mining	Wind	75.00	22-11-2018	2.52	22-11-2018
8	Green Infra Wind Energy Limited	Wind	40.00	07-03-2022	2.65	07-03-2022
9	CLP Wind Farms (Khandke) Private Limited	Wind	37.60	10-03-2022	2.65	10-03-2022
10	Karad Power India Pvt. Ltd	Wind	23.10	08-03-2022	2.65	08-03-2022
11	Ultra Mega Power Private Limited	Wind	23.10	11-01-2024	2.65	11-01-2024
12	GREEN INFRA BTV LTD (N-02 & RP-67 TO RP-76)	Wind	16.5	17-09-2012	5.67	17-09-2012
13	RENEW WIND ENERGY DELHI PVT. LTD.(JMF01-08)	Wind	16	25-04-2013	5.81	25-04-2013
14	D J MALPANI	Wind	15	01-03-2014	5.81	01-03-2014
15	RATNAGIRI WIND POWER PROJECT PVT.LTD. (RP14F & RP2)	Wind	14.4	08-12-2012	5.67	08-12-2012
16	1)GREEN INFRA WIND ENERGY LTD.(BS10 TO 13 SM1,11 T	Wind	13.5	25-03-2014	5.81	25-03-2014
17	M/s. CLP Wind Farms (Khandke) Pvt. Ltd.	Wind	12.80	23-05-2023	2.65	23-05-2023
18	1) BOTHE WIND FARM DEVELOPMENT PVT. LTD. (SP 5 TO	Wind	12.6	11-12-2014	5.70	11-12-2014
19	KRBL Limited	Wind	12.50	08-01-2024	2.65	08-01-2024
20	RENEW WIND ENERGY DELHI PVT. LTD.(JMP01-06)	Wind	12	21-06-2013	5.81	21-06-2013
21	2) NSL WIND POWER COMPANY(SATARA)PVT.LTD.(NSL 01,0	Wind	12	06-03-2014	5.81	06-03-2014
22	1) GREEN INFRA WIND ENERGY LTD. (BS16 TO 19,22,24,	Wind	12	25-03-2014	5.81	25-03-2014
23	2)GREEN INFRA WIND ENERGY LTD. (BS15,4 TO 9 SM 2)	Wind	12	30-03-2014	5.81	30-03-2014
24	2) KHANDKE WIND ENERGY PVT.LTD.(KH42 TO KH49, KH51	Wind	11.2	20-02-2014	5.81	20-02-2014
25	1) RATNAGIRI WIND POWER PROJECT PVT.LTD. (T44 TO T	Wind	11.2	05-09-2014	5.70	05-09-2014
26	1) KHANDKE WIND ENERGY PVT.LTD (KH74,75,77 TO KH 8	Wind	10.4	05-02-2014	5.81	05-02-2014
27	Enn Enn Corp Limited	Wind	10.00	11-03-2022	2.65	11-03-2022
28	3)SHRADDHA ENERGY & INFRAPROJECTS PVT.LTD. (RB 01	Wind	9	29-09-2011	4.56	29-09-2011
29	1)BHILWARA GREEN ENERGY LTD. (RP1 TO RP6)	Wind	9	22-03-2012	5.37	22-03-2012
30	2)BHILWARA GREEN ENERGY LTD. (RP12F,RP13F,RP17F,RP	Wind	9	30-03-2012	5.37	30-03-2012
31	3) GREEN INFRA WIND ENERGY LTD. (GF 10,GF12 TO 15	Wind	9	21-06-2013	5.81	21-06-2013
32	D J MALPANI	Wind	9	19-12-2013	5.81	19-12-2013
33	2)NSL WIND POWER COMPANY(SATARA)PVT.LTD.	Wind	9	31-03-2014	5.81	31-03-2014
34	2)BOTHE WIND FARM DEVELOPMENT PVT. LTD. (I-13,46	Wind	8.4	22-08-2014	5.70	22-08-2014
35	4)BOTHE WIND FARM DEVELOPMENT PVT.LTD.	Wind	8.4	03-11-2014	5.70	03-11-2014
36	1) BOTHE WIND FARM DEVELOPMENT PVT. LTD. (SP 29 TO	Wind	8.4	26-12-2014	5.70	26-12-2014
37	1) BOTHE WIND FARM DEVELOPMENT PVT. LTD. (SP 19,20	Wind	8.4	26-12-2014	5.70	26-12-2014
38	BOTHE WIND FARM DEVELOPMENT PVT. LTD.	Wind	8.4	30-12-2014	5.70	30-12-2014
39	1) RAJASTHAN GUM PVT.LTD. (TSG01 TOTSG04)	Wind	8.4	31-03-2015	5.33	31-03-2015
40	Octal Suppliers Private Limited	Wind	8.30	10-03-2022	2.65	10-03-2022
41	1) RATNAGIRI WIND POWER PROJECT PVT. LTD. (T 13, 1	Wind	8	16-01-2013	5.67	16-01-2013
42	1) PANAMA WIND ENERGY PVT.LTD.(T8)	Wind	8	22-02-2013	5.67	22-02-2013
43	1) PANAMA WIND ENERGY PVT.LTD. (P16,20,38,43)	Wind	8	06-03-2013	5.67	06-03-2013
44	4)BOTHE WIND FARM DEVELOPMENT PVT.LTD.( I-25,I-29,	Wind	8	21-06-2013	5.81	21-06-2013
45	RATNAGIRI WIND POWER PROJECT PVT.LTD. (T 32,34,36,	Wind	8	20-07-2013	5.81	20-07-2013
46	1) BOTHE WIND FARM DEVELOPMENT PVT. LTD. (I-35,I-4	Wind	8	11-09-2013	5.81	11-09-2013
47	4) RATNAGIRI WIND POWER PROJECT PVT.LTD.(T53 TOT57	Wind	8	05-09-2014	5.70	05-09-2014
48	1) GREEN INFRA WIND ENERGY LTD. ( GF 07, 08,09,11,	Wind	7.5	04-05-2013	5.81	04-05-2013
49	Jaipur Energy India Pvt. Ltd	Wind	7.20	08-03-2022	2.65	08-03-2022

50	5) GIRIRAJ ENTERPRISES. (GSW 24,27,28)	Wind	7.2	08-11-2014	5.33	08-11-2014
51	2) PANAMA WIND ENERGY PVT.LTD. (P14,17,26)	Wind	6.4	22-04-2013	5.67	22-04-2013
52	1) PANAMA WIND ENERGY PVT.LTD. (P18,37,55,63)	Wind	6.4	28-05-2013	5.81	28-05-2013
53	2) RATNAGIRI WIND POWER PROJECT PVT.LTD. ( T18,19,	Wind	6.4	01-06-2013	5.81	01-06-2013
54	5)BOTHE WIND FARM DEVELOPMENT PVT.LTD.	Wind	6.3	16-11-2014	5.70	16-11-2014
55	2) BOTHE WIND FARM DEVELOPMENT PVT. LTD. (SP 34 TO	Wind	6.3	30-12-2014	5.70	30-12-2014
56	2) BOTHE WIND FARM DEVELOPMENT PVT. LTD. (SP 21,22	Wind	6.3	30-12-2014	5.70	30-12-2014
57	Intech Systems Chennai Pvt. Ltd.	Wind	6.25	14-03-2022	2.65	14-03-2022
58	Sarla Performance Fibers Ltd.	Wind	6.00	22-11-2018	2.52	22-11-2018
59	PTC India Limited	Wind	6.00	08-03-2022	2.64	08-03-2022
60	4)BHILWARA GREEN ENERGY LTD. (RP25,RP26,RP27,RP32)	Wind	6	29-09-2012	5.67	29-09-2012
61	7)BHILWARA GREEN ENERGY LTD. (RP29P TO RP31P,RP34P	Wind	6	03-06-2013	5.37	03-06-2013
62	2) BOTHE WIND FARM DEVELOPMENT PVT. LTD. ( I-41,I-	Wind	6	11-09-2013	5.81	11-09-2013
63	4)SAVITA OIL TECHNOLOGIES LTD. (P02 TO P05)	Wind	6	17-09-2013	5.81	17-09-2013
64	2) BOTHE WIND FARM DEVELOPMENT PVT. LTD. (I-37, I	Wind	6	24-01-2014	5.81	24-01-2014
65	2) GREEN INFRA WIND ENERGY LTD. (BS 20,25,27, SM7)	Wind	6	30-03-2014	5.81	30-03-2014
66	3) SISPARA RENEWABLE POWER PVT.LTD. (NSL- 27,38,39	Wind	6	31-03-2015	5.81	31-03-2015
67	2)BLP WIND PROJECT (AMBHERI)PVT LTD. ((F1 TO 7))	Wind	5.6	25-05-2012	5.67	25-05-2012
68	KHANDKE WIND ENERGY PVT.LTD.(KH1 TO KH7)	Wind	5.6	10-03-2014	5.81	10-03-2014
69	KHANDKE WIND ENERGY PVT.LTD.(KH1 TO KH7)	Wind	5.6	10-03-2014	5.81	10-03-2014
70	SML Electricals India Pvt. Ltd.	Wind	4.95	08-03-2022	2.65	08-03-2022
71	3) PANAMA WIND ENERGY PVT.LTD. ( P22,23,34)	Wind	4.8	10-05-2013	5.81	10-05-2013
72	4) PANAMA WIND ENERGY PVT.LTD. (P22,23,34)	Wind	4.8	28-05-2013	5.81	28-05-2013
73	RATNAGIRI WIND POWER PROJECT PVT.LTD. (RP16P,RP18P	Wind	4.8	16-01-2013	5.67	16-01-2013
74	RATNAGIRI WIND POWER PROJECT PVT.LTD. (T 29 & T31)	Wind	4.8	13-06-2013	5.81	13-06-2013
75	2) PANAMA WIND ENERGY PVT.LTD.(P45,47,48)	Wind	4.8	13-06-2013	5.81	13-06-2013
76	2) RATNAGIRI WIND POWER PROJECT PVT.LTD. (T21,T40,	Wind	4.8	20-07-2013	5.81	20-07-2013
77	5) PANAMA WIND ENERGY PVT.LTD. (P52,56,62)	Wind	4.8	01-01-2014	5.81	01-01-2014
78	4)GIRIRAJ ENTERPRISES (GSW 25, 26)	Wind	4.8	26-09-2014	5.33	26-09-2014
79	1)BHILWARA GREEN ENERGY LTD. ( RP7,RP8P,RP10)	Wind	4.5	22-03-2012	5.37	22-03-2012
80	2)BMD PVT. LTD. (AK11,AK12 & AK13)	Wind	4.5	30-03-2012	5.37	30-03-2012
81	4) GREEN INFRA BTV LIMITED(G-03,G-05,G-06)	Wind	4.5	30-05-2012	5.67	30-05-2012
82	4)BHILWARA GREEN ENERGY LTD. (RP16,RP18,RP19)	Wind	4.5	30-05-2012	5.67	30-05-2012
83	1)NSL WIND POWER COMPANY(SATARA)PVT.LTD.(NSL-4,5,8	Wind	4.5	20-01-2014	5.81	20-01-2014
84	3) NSL WIND POWER COMPANY(SATARA)PVT.LTD. (NSL-03,	Wind	4.5	30-03-2014	5.81	30-03-2014
85	5) SISPARA RENEWABLE POWER PVT.LTD. ( NSL- 24,25,35	Wind	4.5	31-03-2015	5.81	31-03-2015
86	5) KALSUBAI POWER PVT.LTD. N(NSL 30, NSL 31, NSL32	Wind	4.5	31-03-2015	5.70	31-03-2015
87	Chottabhai Jethabhai Patel & Co.	Wind	4.25	11-03-2022	2.65	11-03-2022
88	3)STERLING AGRO INDUSTRIES LTD.( GBY- 7,8,12,20,29)	Wind	4.25	31-03-2012	5.37	31-03-2012
89	4)BOTHE WIND FARM DEVELOPMENT PVT. LTD.(I- 82,I-16)	Wind	4.2	26-03-2014	5.81	26-03-2014
90	6)BOTHE WIND FARM DEVELOPMENT PVT.LTD.(I- 24,I-57)	Wind	4.2	26-03-2014	5.81	26-03-2014
91	3)BOTHE WIND FARM DEVELOPMENT PVT. LTD.	Wind	4.2	01-10-2014	5.70	01-10-2014
92	6)BOTHE WIND FARM DEVELOPMENT PVT.LTD.	Wind	4.2	27-11-2014	5.70	27-11-2014
93	2) BOTHE WIND FARM DEVELOPMENT PVT. LTD. (SP 12,13	Wind	4.2	25-12-2014	5.70	25-12-2014
94	7) SAHYADRI INDUSTRIES LTD.71,79,80,81,84(CHW07)	Wind	4	10-09-2011	4.56	10-09-2011
95	8)BOTHE WIND FARM DEVELOPMENT PVT.LTD. ( I-1 & I-2	Wind	4	27-05-2013	5.81	27-05-2013
96	3)BOTHE WIND FARM DEVELOPMENT PVT.LTD. (I- 21,I23)	Wind	4	18-06-2013	5.81	18-06-2013
97	3)BOTHE WIND FARM DEVELOPMENT PVT.LTD.(I 68 & I-	Wind	4	21-06-2013	5.81	21-06-2013
98	2)BOTHE WIND FARM DEVELOPMENT PVT.LTD.(I-	Wind	4	11-09-2013	5.81	11-09-2013



	8 & 1-6)					
99	3) BOTHE WIND FARM DEVELOPMENT PVT. LTD.(I-47,160)	Wind	4	09-10-2013	5.81	09-10-2013
100	4) BOTHE WIND FARM DEVELOPMENT PVT. LTD.( I-59,I-7	Wind	4	24-01-2014	5.81	24-01-2014
101	4)BOTHE WIND FARM DEVELOPMENT PVT.LTD.(I-33,I-73)	Wind	4	31-01-2014	5.81	31-01-2014
102	M/S MEDA, PUNE	Wind	4	09-06-2003	2.52	09-06-2003
103	Fashion Suitings Private Limited	Wind	3.90	18-01-2024	2.65	18-01-2024
104	BENGAL BEVERAGES PVT. LTD.	Wind	3.75	06-01-2023	2.65	06-01-2023
105	MAHARASHTRA ENERGY DEVELOPMENT(1257)	Wind	3.75	20-09-2004	2.52	20-09-2004
106	MS. Siva Electric Generation Private Limited	Wind	3.25	04-01-2024	2.65	04-01-2024
107	Shreem Electric Ltd	Wind	3.20	06-01-2023	2.65	06-01-2023
108	1)BLP WIND PROJECT (AMBHERI)PVT LTD.( P10 TO 13)	Wind	3.2	31-03-2012	5.37	31-03-2012
109	1) PANAMA WIND ENERGY PVT.LTD. (P41,46)	Wind	3.2	28-05-2013	5.81	28-05-2013
110	RATNAGIRI WIND POWER PROJECT PVT.LTD. (T27 TO T28)	Wind	3.2	01-06-2013	5.81	01-06-2013
111	RATNAGIRI WIND POWER PROJECT PVT.LTD. (T 26 & T33)	Wind	3.2	13-06-2013	5.81	13-06-2013
112	3) PANAMA WIND ENERGY PVT.LTD. (P5,6)	Wind	3.2	02-07-2013	5.81	02-07-2013
113	RATNAGIRI WIND POWER PROJECT PVT.LTD. (T 35,38)	Wind	3.2	30-07-2013	5.81	30-07-2013
114	3) PANAMA WIND ENERGY PVT.LTD. (P15,19,25,27,28)	Wind	3.2	01-01-2014	5.81	01-01-2014
115	6) PANAMA WIND ENERGY PVT.LTD. (P50,51)	Wind	3.2	13-02-2014	5.81	13-02-2014
116	4) RATNAGIRI WIND POWER PROJECT PVT.LTD. (T9,T10,T	Wind	3.2	31-10-2015	5.70	31-10-2015
117	3)BHILWARA GREEN ENERGY LTD. (RP8F & RP9)	Wind	3	31-03-2012	5.37	31-03-2012
118	3)BHILWARA GREEN ENERGY LTD. (RP14F,RP20F)	Wind	3	31-03-2012	5.37	31-03-2012
119	1)NSL WIND POWER COMPANY(SATARA)PVT.LTD.	Wind	3	30-03-2014	5.81	30-03-2014
120	G2 Technology Solutions India Private Limited	Wind	2.75	14-03-2022	2.65	14-03-2022
121	M/S . GREEN INFRA CORPORATE SOLAR LIMITED	Wind	2.625	31-10-2015	5.70	31-10-2015
122	M/S . GREEN INFRA CORPORATE SOLAR LIMITED	Wind	2.625	31-10-2015	5.70	31-10-2015
123	M/S . GREEN INFRA CORPORATE SOLAR LIMITED	Wind	2.625	31-10-2015	5.70	31-10-2015
124	M/S . GREEN INFRA CORPORATE SOLAR LIMITED	Wind	2.625	31-10-2015	5.70	31-10-2015
125	6)TOPAZ INVESTMENT PVT.LTD.( GBY-10,14,30)	Wind	2.55	31-03-2012	4.56	31-03-2012
126	9)STERLING AGRO INDUSTRIES LTD.( GBY-1,2,28)	Wind	2.55	23-06-2012	5.67	23-06-2012
127	Piyush Agro Pvt. Ltd	Wind	2.50	26-12-2019	2.52	26-12-2019
128	Inno Automation India Pvt. Ltd.	Wind	2.50	14-03-2022	2.65	14-03-2022
129	Intech Automation Pvt. Ltd.	Wind	2.50	14-03-2022	2.65	14-03-2022
130	M/s Poonawalla Fincorp Ltd (Magma Fincorp Ltd)	Wind	2.50	04-01-2024	2.65	04-01-2024
131	KHANDKE WIND ENERGY PVT	Wind	2.4	02-02-2015	5.70	02-02-2015
132	Krishna Power	Wind	2.40	16-01-2024	2.65	16-01-2024
133	M/s Giriraj Enterprises	Wind	2.4	26-09-2014	5.33	26-09-2014
134	M/s Giriraj Enterprises	Wind	2.4	26-09-2014	5.33	26-09-2014
135	M/S . GREEN INFRA CORPORATE SOLAR LIMITED	Wind	2.4	31-10-2015	5.70	31-10-2015
136	M/S . GREEN INFRA CORPORATE SOLAR LIMITED	Wind	2.4	15-03-2016	5.71	15-03-2016
137	M/S . GREEN INFRA CORPORATE SOLAR LIMITED	Wind	2.4	15-03-2016	5.71	15-03-2016
138	M/S . GREEN INFRA CORPORATE SOLAR LIMITED	Wind	2.4	15-03-2016	5.71	15-03-2016
139	M/S . GREEN INFRA CORPORATE SOLAR LIMITED	Wind	2.4	15-03-2016	5.71	15-03-2016
140	M/S DJ MALPANI-NP-06	Wind	2.4	31-03-2017	5.56	31-03-2017
141	M/S DJ MALPANI-NP-05	Wind	2.4	31-03-2017	5.56	31-03-2017
142	M/S DJ MALPANI-NP-04	Wind	2.4	31-03-2017	5.56	31-03-2017
143	Gangadhar Narsingdas Agrawal	Wind	2.1	30-07-2011	4.56	30-07-2011
144	M/s.Sterling Agro Industries Ltd.	Wind	2.1	30-03-2012	4.67	30-03-2012
145	Agrawal Renewable Energy Pvt. Ltd.	Wind	2.1	08-06-2012	5.67	08-06-2012
146	Agrawal Renewable Energy Pvt. Ltd.	Wind	2.1	08-06-2012	5.67	08-06-2012
147	Agrawal Renewable Energy Pvt. Ltd.	Wind	2.1	15-06-2012	5.67	15-06-2012
148	Agrawal Renewable Energy Pvt. Ltd.	Wind	2.1	15-06-2012	5.67	15-06-2012
149	M/s. Bindu Vayu Urja Pvt. Ltd.ADW39	Wind	2.1	11-07-2012	5.67	11-07-2012
150	M/s. Bindu Vayu Urja Pvt. Ltd. ADW10	Wind	2.1	11-07-2012	5.67	11-07-2012
151	M/s. Bindu Vayu Urja Pvt. Ltd. ADW09	Wind	2.1	11-07-2012	5.67	11-07-2012
152	M/s. Bindu Vayu Urja Pvt. Ltd.S023	Wind	2.1	11-07-2012	5.67	11-07-2012
153	Gangadhar Narsingdas Agrawal(HUF).	Wind	2.1	14-08-2012	5.67	14-08-2012
154	Agrawal Renewable Energy Pvt.Ltd	Wind	2.1	14-08-2012	5.67	14-08-2012
155	Kukreja Enterprises	Wind	2.1	14-08-2012	5.67	14-08-2012
156	Agrawal Renewable Energy Pvt.Ltd.	Wind	2.1	21-08-2012	5.67	21-08-2012
157	Agrawal Renewable Energy Pvt.Ltd.	Wind	2.1	21-08-2012	5.67	21-08-2012
158	M/s. Bindu Vayu Urja Pvt. Ltd. ADW06	Wind	2.1	21-09-2012	5.67	21-09-2012
159	Gangadhar Narsingdas Agrawal(HUF).	Wind	2.1	25-09-2012	5.67	25-09-2012
160	M/s. Bindu Vayu Urja Pvt. Ltd. ADW07	Wind	2.1	26-09-2012	5.67	26-09-2012
161	Rajasthan Gum Pvt. Ltd.	Wind	2.1	28-09-2012	5.67	28-09-2012
162	Aryavarta Industries Pvt. Ltd.,	Wind	2.1	30-09-2012	5.67	30-09-2012
163	Ferromar Shipping Pvt. Ltd	Wind	2.1	30-09-2012	5.67	30-09-2012
164	Rajasthan Gum Pvt. Ltd.	Wind	2.1	30-10-2012	5.67	30-10-2012

165	Rajasthan Gum Pvt. Ltd.	Wind	2.1	11-01-2013	5.67	11-01-2013
166	Agarwal Minerals (Goa ) Pvt. Ltd	Wind	2.1	06-02-2013	5.67	06-02-2013
167	Rajasthan Gum Pvt. Ltd.	Wind	2.1	21-03-2013	5.67	21-03-2013
168	Baidyanath Power Pvt Ltd	Wind	2.1	08-06-2013	5.81	08-06-2013
169	Baidyanath Power Pvt Ltd	Wind	2.1	08-06-2013	5.81	08-06-2013
170	Baidyanath Power Pvt Ltd	Wind	2.1	08-06-2013	5.81	08-06-2013
171	6)BOTHE WIND FARM DEVELOPMENT PVT.LTD. (I-26)	Wind	2.1	07-09-2013	5.81	07-09-2013
172	RENEW WIND ENERGY (VAREKARWADI ) PVT.LTD., 10TH F	Wind	2.1	12-09-2013	5.81	12-09-2013
173	RENEW WIND ENERGY (VAREKARWADI ) PVT.LTD., 10TH F	Wind	2.1	12-09-2013	5.81	12-09-2013
174	RENEW WIND ENERGY (VAREKARWADI ) PVT.LTD., 10TH F	Wind	2.1	12-09-2013	5.81	12-09-2013
175	RENEW WIND ENERGY (VAREKARWADI ) PVT.LTD., 10TH F	Wind	2.1	12-09-2013	5.81	12-09-2013
176	RENEW WIND ENERGY (VAREKARWADI ) PVT.LTD., 10TH F	Wind	2.1	12-09-2013	5.81	12-09-2013
177	RENEW WIND ENERGY (VAREKARWADI ) PVT.LTD., 10TH F	Wind	2.1	18-09-2013	5.81	18-09-2013
178	RENEW WIND ENERGY (VAREKARWADI ) PVT.LTD., 10TH F	Wind	2.1	18-09-2013	5.81	18-09-2013
179	RENEW WIND ENERGY (VAREKARWADI ) PVT.LTD., 10TH F	Wind	2.1	18-09-2013	5.81	18-09-2013
180	RENEW WIND ENERGY (VAREKARWADI ) PVT.LTD., 10TH F	Wind	2.1	18-09-2013	5.81	18-09-2013
181	RENEW WIND ENERGY (VAREKARWADI ) PVT.LTD., 10TH F	Wind	2.1	18-09-2013	5.81	18-09-2013
182	RENEW WIND ENERGY (VAREKARWADI ) PVT.LTD., 10TH F	Wind	2.1	18-09-2013	5.81	18-09-2013
183	RENEW WIND ENERGY (VAREKARWADI ) PVT.LTD., 10TH F	Wind	2.1	18-09-2013	5.81	18-09-2013
184	RENEW WIND ENERGY (VAREKARWADI ) PVT.LTD., 10TH F	Wind	2.1	18-09-2013	5.81	18-09-2013
185	RENEW WIND ENERGY (VAREKARWADI ) PVT.LTD., 10TH F	Wind	2.1	18-09-2013	5.81	18-09-2013
186	3) BOTHE WIND FARM DEVELOPMENT PVT. LTD. (I - 77)	Wind	2.1	24-01-2014	5.81	24-01-2014
187	RENEW WIND ENERGY (VAREKARWADI ) PVT.LTD., 10TH F	Wind	2.1	01-02-2014	5.81	01-02-2014
188	RENEW WIND ENERGY (VAREKARWADI ) PVT.LTD., 10TH F	Wind	2.1	01-02-2014	5.81	01-02-2014
189	RENEW WIND ENERGY (VAREKARWADI ) PVT.LTD., 10TH F	Wind	2.1	01-02-2014	5.81	01-02-2014
190	RENEW WIND ENERGY (VAREKARWADI ) PVT.LTD., 10TH F	Wind	2.1	01-02-2014	5.81	01-02-2014
191	Baidyanath Power Pvt Ltd	Wind	2.1	11-02-2014	5.81	11-02-2014
192	Baidyanath Power Pvt Ltd	Wind	2.1	11-02-2014	5.81	11-02-2014
193	RENEW WIND ENERGY (VAREKARWADI ) PVT.LTD., 10TH F	Wind	2.1	25-02-2014	5.81	25-02-2014
194	RENEW WIND ENERGY (VAREKARWADI ) PVT.LTD., 10TH F	Wind	2.1	07-03-2014	5.81	07-03-2014
195	RENEW WIND ENERGY (VAREKARWADI ) PVT.LTD., 10TH F	Wind	2.1	07-03-2014	5.81	07-03-2014
196	RENEW WIND ENERGY (VAREKARWADI ) PVT.LTD., 10TH F	Wind	2.1	07-03-2014	5.81	07-03-2014
197	5) BOTHE WIND FARM DEVELOPMENT PVT. LTD.( I-81)	Wind	2.1	26-03-2014	5.81	26-03-2014
198	7)BOTHE WIND FARM DEVELOPMENT PVT.LTD. (I-22)	Wind	2.1	29-03-2014	5.81	29-03-2014
199	RENEW WIND ENERGY (WELTURI ) PVT.LTD., 10TH FLOOR	Wind	2.1	30-03-2014	5.81	30-03-2014
200	RENEW WIND ENERGY (WELTURI ) PVT.LTD., 10TH FLOOR	Wind	2.1	30-03-2014	5.81	30-03-2014
201	RENEW WIND ENERGY (WELTURI ) PVT.LTD., 10TH FLOOR	Wind	2.1	30-03-2014	5.81	30-03-2014
202	RENEW WIND ENERGY (WELTURI ) PVT.LTD., 10TH FLOOR	Wind	2.1	30-03-2014	5.81	30-03-2014
203	RENEW WIND ENERGY (WELTURI ) PVT.LTD., 10TH FLOOR	Wind	2.1	30-03-2014	5.81	30-03-2014
204	RENEW WIND ENERGY (WELTURI ) PVT.LTD., 10TH FLOOR	Wind	2.1	30-03-2014	5.81	30-03-2014
205	RENEW WIND ENERGY (WELTURI ) PVT.LTD., 10TH FLOOR	Wind	2.1	30-03-2014	5.81	30-03-2014
206	RENEW WIND ENERGY (WELTURI ) PVT.LTD., 10TH FLOOR	Wind	2.1	30-03-2014	5.81	30-03-2014
207	RENEW WIND ENERGY (WELTURI ) PVT.LTD., 10TH FLOOR	Wind	2.1	30-03-2014	5.81	30-03-2014

208	RENEW WIND ENERGY (WELTURI ) PVT.LTD., 10TH FLOOR	Wind	2.1	30-03-2014	5.81	30-03-2014
209	RENEW WIND ENERGY (WELTURI ) PVT.LTD., 10TH FLOOR	Wind	2.1	30-03-2014	5.81	30-03-2014
210	RENEW WIND ENERGY (VAREKARWADI ) PVT.LTD., 10TH F	Wind	2.1	30-03-2014	5.81	30-03-2014
211	RENEW WIND ENERGY (VAREKARWADI ) PVT.LTD., 10TH F	Wind	2.1	30-03-2014	5.81	30-03-2014
212	5)BOTHE WIND FARM DEVELOPMENT PVT. LTD. (I-18)	Wind	2.1	30-03-2014	5.81	30-03-2014
213	6) BOTHE WIND FARM DEVELOPMENT PVT. LTD. (I-34)	Wind	2.1	31-03-2014	5.81	31-03-2014
214	BOTHE WIND FARM DEVELOPMENT PVT. LTD.	Wind	2.1	11-12-2014	5.70	11-12-2014
215	BOTHE WIND FARM DEVELOPMENT PVT. LTD.	Wind	2.1	25-12-2014	5.70	25-12-2014
216	BOTHE WIND FARM DEVELOPMENT PVT. LTD.	Wind	2.1	26-12-2014	5.70	26-12-2014
217	M/S AMRIK SINGH & SONS CRANE SERVICES PVT LTD-SO4	Wind	2.1	05-03-2015	5.70	05-03-2015
218	M/S AMRIK SINGH & SONS CRANE SERVICES PVT LTD-SO3	Wind	2.1	05-03-2015	5.70	05-03-2015
219	M/S AMRIK SINGH & SONS CRANE SERVICES PVT LTD-SO1	Wind	2.1	05-03-2015	5.70	05-03-2015
220	Pradeep Metals Ltd.	Wind	2.1	31-03-2015	5.33	31-03-2015
221	KRBL Ltd,5190, Lahori Gate, Delhi-110006	Wind	2.1	30-09-2015	5.70	30-09-2015
222	KRBL Ltd,5190, Lahori Gate, Delhi-110006	Wind	2.1	30-09-2015	5.33	30-09-2015
223	KRBL Ltd,5190, Lahori Gate, Delhi-110006	Wind	2.1	30-09-2015	5.33	30-09-2015
224	KRBL Ltd,5190, Lahori Gate, Delhi-110006	Wind	2.1	30-09-2015	5.33	30-09-2015
225	KRBL Ltd,5190, Lahori Gate, Delhi 110006	Wind	2.1	30-09-2015	5.33	30-09-2015
226	KRBL Ltd,5190, Lahori Gate, Delhi-11006	Wind	2.1	30-09-2015	5.70	30-09-2015
227	Sterling Agro Industries Ltd.,	Wind	2.1	30-09-2015	5.70	30-09-2015
228	Sterling Agro Industries Ltd.,	Wind	2.1	30-09-2015	5.70	30-09-2015
229	Sterling Agro Industries Ltd.,	Wind	2.1	30-09-2015	5.70	30-09-2015
230	NEHA SHARMA	Wind	2.1	31-10-2015	5.33	31-10-2015
231	KRBL Ltd.5190, Lahori Gate, Delhi 110007	Wind	2.1	31-10-2015	5.33	31-10-2015
232	KRBL Ltd,5190, Lahori Gate, Delhi-110008	Wind	2.1	31-10-2015	5.33	31-10-2015
233	KRBL Ltd,5190, Lahori Gate, Delhi-110007	Wind	2.1	31-10-2015	5.33	31-10-2015
234	Sterling Agro Industries Ltd.,	Wind	2.1	31-10-2015	5.70	31-10-2015
235	SHREE RAM INDUSTRIES	Wind	2.1	11-03-2016	5.10	11-03-2016
236	RAJASTHAN GUM PRIVATE LIMITED(TSG 07)	Wind	2.1	11-03-2016	5.71	11-03-2016
237	M/s. NuPower Renewables Pvt. Ltd.	Wind	2.05	23-01-2015	5.70	23-01-2015
238	M/s. NuPower Renewables Pvt. Ltd.	Wind	2.05	03-10-2015	5.70	03-10-2015
239	M/s. NuPower Renewables Pvt. Ltd.	Wind	2.05	03-10-2015	5.70	03-10-2015
240	M/s. NuPower Renewables Pvt. Ltd.	Wind	2.05	03-10-2015	5.70	03-10-2015
241	M/s. NuPower Renewables Pvt. Ltd.	Wind	2.05	03-10-2015	5.70	03-10-2015
242	M/s. NuPower Renewables Pvt. Ltd.	Wind	2.05	03-10-2015	5.70	03-10-2015
243	M/s. NuPower Renewables Pvt. Ltd.	Wind	2.05	03-10-2015	5.70	03-10-2015
244	M/s. NuPower Renewables Pvt. Ltd.	Wind	2.05	03-10-2015	5.70	03-10-2015
245	M/S. NUPOWER RENEWABLES PVT. LTD.	Wind	2.05	03-10-2015	5.70	03-10-2015
246	M/s. NuPower Renewables Pvt. Ltd.	Wind	2.05	31-10-2015	5.70	31-10-2015
247	M/s. NuPower Renewables Pvt. Ltd.	Wind	2.05	31-10-2015	5.70	31-10-2015
248	M/s. NuPower Renewables Pvt. Ltd.	Wind	2.05	31-10-2015	5.70	31-10-2015
249	M/s. NuPower Renewables Pvt. Ltd.	Wind	2.05	31-10-2015	5.70	31-10-2015
250	M/s. NuPower Renewables Pvt. Ltd.	Wind	2.05	31-10-2015	5.70	31-10-2015
251	ReNew WIND Energy (Jath) Pvt.Ltd.	Wind	2	28-09-2012	5.67	28-09-2012
252	ReNew WIND Energy (Jath) Pvt.Ltd.	Wind	2	28-09-2012	5.67	28-09-2012
253	ReNew WIND Energy (Jath) Pvt.Ltd.	Wind	2	28-09-2012	5.67	28-09-2012
254	ReNew WIND Energy (Jath) Pvt.Ltd.	Wind	2	28-09-2012	5.67	28-09-2012
255	RENEW WIND ENERGY (JATH) PVT.LTD.	Wind	2	30-09-2012	5.67	30-09-2012
256	RENEW WIND ENERGY (JATH) PVT.LTD.	Wind	2	30-09-2012	5.67	30-09-2012
257	ReNew WIND Energy (Jath) Pvt.Ltd.	Wind	2	30-09-2012	5.67	30-09-2012
258	ReNew WIND Energy ( Jath) Pvt.Ltd.	Wind	2	07-02-2013	5.67	07-02-2013
259	ReNew WIND Energy (Jath) Pvt.Ltd.	Wind	2	07-02-2013	5.67	07-02-2013
260	ReNew WIND energy (Jath) Pvt.Ltd.	Wind	2	07-02-2013	5.67	07-02-2013
261	ReNew WIND energy (Jath) Pvt.Ltd.	Wind	2	07-02-2013	5.67	07-02-2013
262	ReNew WIND Energy (Jath) Pvt.Ltd.	Wind	2	07-02-2013	5.67	07-02-2013
263	Renew WIND Energy (Jath) Pvt.Ltd.	Wind	2	26-02-2013	5.67	26-02-2013
264	ReNew WIND Energy (Jath) Pvt.Ltd.	Wind	2	03-04-2013	5.81	03-04-2013
265	ReNew WIND Energy (Jath) Pvt.Ltd.	Wind	2	03-04-2013	5.81	03-04-2013
266	M/S TP WIND POWER LTD.	Wind	2	08-04-2013	5.81	08-04-2013
267	M/S TP WIND POWER LTD.	Wind	2	08-04-2013	5.81	08-04-2013
268	M/S TP WIND POWER LTD.	Wind	2	08-04-2013	5.81	08-04-2013
269	M/S TP WIND POWER LTD.	Wind	2	08-04-2013	5.81	08-04-2013
270	M/S TP WIND POWER LTD.	Wind	2	08-04-2013	5.81	08-04-2013
271	M/S TP WIND POWER LTD.	Wind	2	08-04-2013	5.81	08-04-2013
272	M/S TP WIND POWER LTD.	Wind	2	08-04-2013	5.81	08-04-2013
273	M/S TP WIND POWER LTD.	Wind	2	08-04-2013	5.81	08-04-2013
274	1)BOTHE WIND FARM DEVELOPMENT PVT.LTD. (I-	Wind	2	17-05-2013	5.81	17-05-2013

	7)					
275	2)BOTHE WIND FARM DEVELOPMENT PVT.LTD. (I-3)	Wind	2	27-05-2013	5.81	27-05-2013
276	1)BOTHE WIND FARM DEVELOPMENT PVT.LTD. (I-5 )	Wind	2	15-06-2013	5.81	15-06-2013
277	1)BOTHE WIND FARM DEVELOPMENT PVT.LTD. (I-4)	Wind	2	15-06-2013	5.81	15-06-2013
278	5)BOTHE WIND FARM DEVELOPMENT PVT.LTD. (I-39)	Wind	2	21-08-2013	5.81	21-08-2013
279	M/S TP WIND POWER LTD.	Wind	2	26-06-2013	5.81	26-06-2013
280	M/S TP WIND POWER LTD.	Wind	2	26-06-2013	5.81	26-06-2013
281	M/S TP WIND POWER LTD.	Wind	2	26-06-2013	5.81	26-06-2013
282	M/S TP WIND POWER LTD.	Wind	2	26-06-2013	5.81	26-06-2013
283	M/S TP WIND POWER LTD.	Wind	2	26-06-2013	5.81	26-06-2013
284	Renew WIND Energy (Jath) Pvt.Ltd.	Wind	2	26-06-2013	5.81	26-06-2013
285	ReNew WIND energy (Jath) Pvt.Ltd.	Wind	2	26-06-2013	5.81	26-06-2013
286	ReNew WIND Energy (Jath) Pvt.Ltd.	Wind	2	26-06-2013	5.81	26-06-2013
287	ReNew WIND Energy (Jath) Pvt.Ltd.	Wind	2	26-06-2013	5.81	26-06-2013
288	ReNew WIND energy (Jath) Pvt.Ltd.	Wind	2	30-06-2013	5.81	30-06-2013
289	ReNew WIND energy (Jath) Pvt.Ltd.	Wind	2	30-06-2013	5.81	30-06-2013
290	ReNew WIND Energy (Jath) Pvt.Ltd.	Wind	2	30-06-2013	5.81	30-06-2013
291	ReNew WIND Energy (Jath) Pvt.Ltd.	Wind	2	30-06-2013	5.81	30-06-2013
292	ReNew WIND energy (Jath) Pvt.Ltd.	Wind	2	19-07-2013	5.81	19-07-2013
293	ReNew WIND Energy (Jath) Pvt.Ltd.	Wind	2	19-07-2013	5.81	19-07-2013
294	ReNew WIND Energy (Jath) Pvt.Ltd.	Wind	2	19-07-2013	5.81	19-07-2013
295	ReNew WIND Energy (Jath) Pvt.Ltd.	Wind	2	19-07-2013	5.81	19-07-2013
296	ReNew WIND Energy (Jath) Pvt.Ltd.	Wind	2	19-07-2013	5.81	19-07-2013
297	M/S TP WIND POWER LTD.	Wind	2	24-07-2013	5.81	24-07-2013
298	M/S TP WIND POWER LTD.	Wind	2	24-07-2013	5.81	24-07-2013
299	ReNew WIND Energy (Jath) Pvt.Ltd.	Wind	2	24-07-2013	5.81	24-07-2013
300	Renew WIND Energy (Jath) Pvt.Ltd.	Wind	2	06-08-2013	5.81	06-08-2013
301	9)BOTHE WIND FARM DEVELOPMENT PVT.LTD. (I-66)	Wind	2	20-09-2013	5.81	20-09-2013
302	6)BOTHE WIND FARM DEVELOPMENT PVT.LTD. (I-49)	Wind	2	09-10-2013	5.81	09-10-2013
303	8)BOTHE WIND FARM DEVELOPMENT PVT.LTD. (I-15)	Wind	2	10-10-2013	5.81	10-10-2013
304	7)BOTHE WIND FARM DEVELOPMENT PVT.LTD. (I-30)	Wind	2	10-10-2013	5.81	10-10-2013
305	3)BOTHE WIND FARM DEVELOPMENT PVT.LTD. (I-72)	Wind	2	24-01-2014	5.81	24-01-2014
306	7)BOTHE WIND FARM DEVELOPMENT PVT.LTD. (I-75)	Wind	2	31-01-2014	5.81	31-01-2014
307	5)BOTHE WIND FARM DEVELOPMENT PVT.LTD. (I-52)	Wind	2	20-02-2014	5.81	20-02-2014
308	CLP WIND FARMS (INDIA) PVT.LTD.	Wind	2	26-03-2014	5.81	26-03-2014
309	CLP WIND FARMS (INDIA) PVT.LTD.	Wind	2	26-03-2014	5.81	26-03-2014
310	CLP WIND FARMS (INDIA) PVT.LTD.	Wind	2	26-03-2014	5.81	26-03-2014
311	BMD POWER PVT. LTD	Wind	2	30-03-2014	5.81	30-03-2014
312	BMD Power Private Limited	Wind	2	30-03-2014	5.81	30-03-2014
313	BMD Power Private Limited	Wind	2	30-03-2014	5.81	30-03-2014
314	Jath WIND Energy Private Limited	Wind	2	30-03-2014	5.81	30-03-2014
315	Jath WIND Energy Private Limited	Wind	2	30-03-2014	5.81	30-03-2014
316	Jath WIND Energy Private Limited	Wind	2	30-03-2014	5.81	30-03-2014
317	Jath WIND Energy Private Limited	Wind	2	30-03-2014	5.81	30-03-2014
318	JATH WIND ENERGY PRIVATE LIMITED	Wind	2	30-03-2014	5.81	30-03-2014
319	Jath WIND Energy Private Limited	Wind	2	30-03-2014	5.81	30-03-2014
320	Jath WIND Energy Private Limited	Wind	2	30-03-2014	5.81	30-03-2014
321	SJP Constructions Pvt. Ltd.	Wind	2	30-03-2014	5.81	30-03-2014
322	SJP Constructions Pvt. Ltd.	Wind	2	30-03-2014	5.81	30-03-2014
323	M/s Bhilwara Energy Ltd.	Wind	2	30-03-2014	5.81	30-03-2014
324	M/s Bhilwara Energy Ltd.	Wind	2	30-03-2014	5.81	30-03-2014
325	M/s Bhilwara Energy Ltd.	Wind	2	30-03-2014	5.81	30-03-2014
326	M/s Bhilwara Energy Ltd.	Wind	2	30-03-2014	5.81	30-03-2014
327	M/s Bhilwara Energy Ltd.	Wind	2	30-03-2014	5.81	30-03-2014
328	GIRIRAJ ENTERPRISES	Wind	2	30-03-2014	5.81	30-03-2014
329	GIRIRAJ ENTERPRISES	Wind	2	30-03-2014	5.81	30-03-2014
330	GIRIRAJ ENTERPRISES	Wind	2	30-03-2014	5.81	30-03-2014
331	GIRIRAJ ENTERPRISES	Wind	2	30-03-2014	5.81	30-03-2014
332	M/s Giriraj Enterprises	Wind	2	30-03-2014	5.81	30-03-2014
333	M/s Giriraj Enterprises	Wind	2	30-03-2014	5.81	30-03-2014
334	CLP WIND Farms (India) Pvt.Ltd.	Wind	2	30-03-2014	5.81	30-03-2014
335	CLP WIND Farms (India) Pvt.Ltd.	Wind	2	30-03-2014	5.81	30-03-2014
336	CLP WIND Farms (India) Pvt.Ltd.	Wind	2	30-03-2014	5.81	30-03-2014
337	CLP WIND Farms (India) Pvt.Ltd.	Wind	2	30-03-2014	5.81	30-03-2014
338	CLP WIND Farms (India) Pvt.Ltd.	Wind	2	30-03-2014	5.81	30-03-2014

339	CLP WIND farms (India) Pvt.Ltd.	Wind	2	30-03-2014	5.81	30-03-2014
340	CLP WIND Farms (India) Pvt.Ltd.	Wind	2	30-03-2014	5.81	30-03-2014
341	CLP WIND farms (India) Pvt.Ltd.	Wind	2	30-03-2014	5.81	30-03-2014
342	CLP WIND farms (India) Pvt.Ltd.	Wind	2	30-03-2014	5.81	30-03-2014
343	CLP WIND Farms (India) Pvt.Ltd.	Wind	2	30-03-2014	5.81	30-03-2014
344	CLP WIND Farms (India) Pvt.Ltd.	Wind	2	30-03-2014	5.81	30-03-2014
345	CLP WIND Farms (India) Pvt.Ltd.	Wind	2	30-03-2014	5.81	30-03-2014
346	CLP WIND farms (India) Pvt.Ltd.	Wind	2	30-03-2014	5.81	30-03-2014
347	CLP WIND Farms (India) Pvt.Ltd.	Wind	2	30-03-2014	5.81	30-03-2014
348	CLP WIND Farms (India) Pvt.Ltd.	Wind	2	30-03-2014	5.81	30-03-2014
349	CLP WIND Farms (India) Pvt.Ltd.	Wind	2	30-03-2014	5.81	30-03-2014
350	CLP WIND Farms (India) Pvt.Ltd.	Wind	2	30-03-2014	5.81	30-03-2014
351	CLP WIND Farms (India) Pvt.Ltd.	Wind	2	30-03-2014	5.81	30-03-2014
352	CLP WIND Farms (India) Pvt.Ltd.	Wind	2	30-03-2014	5.81	30-03-2014
353	CLP WIND Farms (India) Pvt.Ltd.	Wind	2	30-03-2014	5.81	30-03-2014
354	CLP WIND Farms (India) Pvt.Ltd.	Wind	2	30-03-2014	5.81	30-03-2014
355	CLP WIND Farms (India) Pvt.Ltd.	Wind	2	30-03-2014	5.81	30-03-2014
356	CLP WIND Farms (India) Pvt.Ltd.	Wind	2	30-03-2014	5.81	30-03-2014
357	CLP WIND Farms (India) Pvt.Ltd.	Wind	2	30-03-2014	5.81	30-03-2014
358	CLP WIND Farms (India) Pvt.Ltd.	Wind	2	30-03-2014	5.81	30-03-2014
359	CLP WIND Farms (India) Pvt.Ltd.	Wind	2	30-03-2014	5.81	30-03-2014
360	D.J.MALPANI	Wind	2	30-03-2014	5.81	30-03-2014
361	D J MALPANI	Wind	2	30-03-2014	5.81	30-03-2014
362	PANAMA WIND ENERGY GODAWARI PVT LTD, FIRST FLOOR,	Wind	2	31-03-2014	5.81	31-03-2014
363	PANAMA WIND ENERGY GODAWARI PVT LTD, FIRST FLOOR,	Wind	2	31-03-2014	5.81	31-03-2014
364	PANAMA WIND ENERGY GODAWARI PVT LTD, FIRST FLOOR,	Wind	2	31-03-2014	5.81	31-03-2014
365	PANAMA WIND ENERGY GODAWARI PVT LTD, FIRST FLOOR,	Wind	2	31-03-2014	5.81	31-03-2014
366	PANAMA WIND ENERGY GODAWARI PVT LTD, FIRST FLOOR,	Wind	2	31-03-2014	5.81	31-03-2014
367	PANAMA WIND ENERGY GODAWARI PVT LTD, FIRST FLOOR,	Wind	2	31-03-2014	5.81	31-03-2014
368	PANAMA WIND ENERGY GODAWARI PVT LTD, FIRST FLOOR,	Wind	2	31-03-2014	5.81	31-03-2014
369	PANAMA WIND ENERGY GODAWARI PVT LTD, FIRST FLOOR,	Wind	2	31-03-2014	5.81	31-03-2014
370	PANAMA WIND ENERGY GODAWARI PVT LTD, FIRST FLOOR,	Wind	2	31-03-2014	5.81	31-03-2014
371	PANAMA WIND ENERGY GODAWARI PVT LTD, FIRST FLOOR,	Wind	2	31-03-2014	5.81	31-03-2014
372	PANAMA WIND ENERGY GODAWARI PVT LTD, FIRST FLOOR,	Wind	2	31-03-2014	5.81	31-03-2014
373	PANAMA WIND ENERGY GODAWARI PVT LTD, FIRST FLOOR,	Wind	2	31-03-2014	5.81	31-03-2014
374	2)GIRIRAJ ENTERPRISES (GSW 37)	Wind	2	31-03-2014	5.81	31-03-2014
375	Sidhidata Power LLP	Wind	2	31-03-2014	5.81	31-03-2014
376	Clean WIND Power Satara Pvt Ltd	Wind	2	31-03-2014	5.81	31-03-2014
377	Clean WIND Power Satara Pvt Ltd	Wind	2	31-03-2014	5.81	31-03-2014
378	Clean WIND Power Satara Pvt Ltd	Wind	2	31-03-2014	5.81	31-03-2014
379	Clean WIND Power Satara Pvt Ltd	Wind	2	31-03-2014	5.81	31-03-2014
380	Clean WIND Power Satara Pvt Ltd	Wind	2	31-03-2014	5.81	31-03-2014
381	Clean WIND Power Satara Pvt Ltd	Wind	2	31-03-2014	5.81	31-03-2014
382	Clean WIND Power Satara Pvt Ltd	Wind	2	31-03-2014	5.81	31-03-2014
383	Clean WIND Power Satara Pvt Ltd	Wind	2	31-03-2014	5.81	31-03-2014
384	Clean WIND Power Satara Pvt Ltd	Wind	2	31-03-2014	5.81	31-03-2014
385	Clean WIND Power Satara Pvt Ltd	Wind	2	31-03-2014	5.81	31-03-2014
386	Clean WIND Power Satara Pvt Ltd	Wind	2	31-03-2014	5.81	31-03-2014
387	Clean WIND Power Satara Pvt Ltd	Wind	2	31-03-2014	5.81	31-03-2014
388	BMD Power Private Limited	Wind	2	31-03-2014	5.81	31-03-2014
389	Jath WIND Energy Private Limited	Wind	2	31-03-2014	5.81	31-03-2014
390	Jath WIND Energy Private Limited	Wind	2	31-03-2014	5.81	31-03-2014
391	Jath WIND Energy Private Limited	Wind	2	31-03-2014	5.81	31-03-2014
392	Jath WIND Energy Private Limited	Wind	2	31-03-2014	5.81	31-03-2014
393	Jath WIND Energy Private Limited	Wind	2	31-03-2014	5.81	31-03-2014
394	Jath WIND Energy Private Limited	Wind	2	31-03-2014	5.81	31-03-2014
395	Jath WIND Energy Private Limited	Wind	2	31-03-2014	5.81	31-03-2014
396	Jath WIND Energy Private Limited	Wind	2	31-03-2014	5.81	31-03-2014
397	Surbhi Textile Mills Private Limited	Wind	2	31-03-2014	5.81	31-03-2014
398	Surbhi Textile Mills Private Limited	Wind	2	31-03-2014	5.81	31-03-2014
399	M/s Bhilwara Energy Ltd.	Wind	2	31-03-2014	5.81	31-03-2014
400	M/s Bhilwara Energy Ltd.	Wind	2	31-03-2014	5.81	31-03-2014
401	M/s Giriraj Enterprises	Wind	2	31-03-2014	5.81	31-03-2014
402	M/s Giriraj Enterprises	Wind	2	31-03-2014	5.81	31-03-2014



403	CLP WIND Farms (India) Pvt.Ltd.	Wind	2	31-03-2014	5.81	31-03-2014
404	D J MALPANI	Wind	2	31-03-2014	5.81	31-03-2014
405	D J MALPANI	Wind	2	31-03-2014	5.81	31-03-2014
406	D J MALPANI	Wind	2	31-03-2014	5.81	31-03-2014
407	D J MALPANI	Wind	2	31-03-2014	5.81	31-03-2014
408	D J MALPANI	Wind	2	31-03-2014	5.81	31-03-2014
409	D J MALPANI	Wind	2	31-03-2014	5.81	31-03-2014
410	M/s. Inox Renewable Ltd.	Wind	2	31-03-2014	5.81	31-03-2014
411	M/s. Inox Renewable Ltd.	Wind	2	31-03-2014	5.81	31-03-2014
412	M/s. Inox Renewable Ltd.	Wind	2	30-03-2014	5.81	30-03-2014
413	M/s. Inox Renewable Ltd.	Wind	2	30-03-2014	5.81	30-03-2014
414	M/s. Inox Renewable Ltd.	Wind	2	30-03-2014	5.81	30-03-2014
415	M/s. Shrikant Energy Pvt. Ltd.	Wind	2	27-05-2014	5.70	27-05-2014
416	PANAMA WIND ENERGY GODAWARI PVT LTD, FIRST FLOOR,	Wind	2	25-07-2014	5.70	25-07-2014
417	PANAMA WIND ENERGY GODAWARI PVT LTD, FIRST FLOOR,	Wind	2	25-07-2014	5.70	25-07-2014
418	PANAMA WIND ENERGY GODAWARI PVT LTD, FIRST FLOOR,	Wind	2	25-07-2014	5.70	25-07-2014
419	PANAMA WIND ENERGY GODAWARI PVT LTD, FIRST FLOOR,	Wind	2	25-07-2014	5.70	25-07-2014
420	PANAMA WIND ENERGY GODAWARI PVT LTD, FIRST FLOOR,	Wind	2	25-07-2014	5.70	25-07-2014
421	3)GIRIRAJ ENTERPRISES (GSW 36)	Wind	2	15-08-2014	5.33	15-08-2014
422	M/s Giriraj Enterprises	Wind	2	15-08-2014	5.33	15-08-2014
423	M/s Giriraj Enterprises	Wind	2	15-08-2014	5.33	15-08-2014
424	M/s Giriraj Enterprises	Wind	2	15-08-2014	5.33	15-08-2014
425	M/s Giriraj Enterprises	Wind	2	15-08-2014	5.33	15-08-2014
426	M/s Giriraj Enterprises	Wind	2	15-08-2014	5.33	15-08-2014
427	PANAMA WIND ENERGY GODAWARI PVT LTD, FIRST FLOOR,	Wind	2	06-09-2014	5.70	06-09-2014
428	PANAMA WIND ENERGY GODAWARI PVT LTD, FIRST FLOOR,	Wind	2	06-09-2014	5.70	06-09-2014
429	PANAMA WIND ENERGY GODAWARI PVT LTD, FIRST FLOOR,	Wind	2	06-09-2014	5.70	06-09-2014
430	PANAMA WIND ENERGY GODAWARI PVT LTD, FIRST FLOOR,	Wind	2	06-09-2014	5.70	06-09-2014
431	PANAMA WIND ENERGY GODAWARI PVT LTD, FIRST FLOOR,	Wind	2	06-09-2014	5.70	06-09-2014
432	PANAMA WIND ENERGY GODAWARI PVT LTD, FIRST FLOOR,	Wind	2	06-09-2014	5.70	06-09-2014
433	PANAMA WIND ENERGY GODAWARI PVT LTD	Wind	2	05-10-2014	5.70	05-10-2014
434	PANAMA WIND ENERGY GODAWARI PVT LTD, FIRST FLOOR,	Wind	2	07-10-2014	5.70	07-10-2014
435	PANAMA WIND ENERGY GODAWARI PVT LTD, FIRST FLOOR,	Wind	2	07-10-2014	5.70	07-10-2014
436	PANAMA WIND ENERGY GODAWARI PVT LTD, FIRST FLOOR,	Wind	2	07-10-2014	5.70	07-10-2014
437	PANAMA WIND ENERGY GODAWARI PVT LTD, FIRST FLOOR,	Wind	2	07-10-2014	5.70	07-10-2014
438	PANAMA WIND ENERGY GODAWARI PVT LTD, FIRST FLOOR,	Wind	2	07-10-2014	5.70	07-10-2014
439	PANAMA WIND ENERGY GODAWARI PVT LTD, FIRST FLOOR,	Wind	2	07-10-2014	5.70	07-10-2014
440	PANAMA WIND ENERGY GODAWARI PVT LTD, FIRST FLOOR,	Wind	2	07-10-2014	5.70	07-10-2014
441	PANAMA WIND ENERGY GODAWARI PVT LTD, FIRST FLOOR,	Wind	2	07-10-2014	5.70	07-10-2014
442	PANAMA WIND ENERGY GODAWARI PVT LTD, FIRST FLOOR,	Wind	2	07-10-2014	5.70	07-10-2014
443	PANAMA WIND ENERGY GODAWARI PVT LTD, FIRST FLOOR,	Wind	2	07-10-2014	5.70	07-10-2014
444	PANAMA WIND ENERGY GODAWARI PVT LTD, FIRST FLOOR,	Wind	2	07-10-2014	5.70	07-10-2014
445	PANAMA WIND ENERGY GODAWARI PVT LTD, FIRST FLOOR,	Wind	2	07-10-2014	5.70	07-10-2014
446	PANAMA WIND ENERGY GODAWARI PVT LTD, FIRST FLOOR,	Wind	2	07-10-2014	5.70	07-10-2014
447	PANAMA WIND ENERGY GODAWARI PVT LTD, FIRST FLOOR,	Wind	2	07-10-2014	5.70	07-10-2014
448	PANAMA WIND ENERGY GODAWARI PVT LTD, FIRST FLOOR,	Wind	2	07-10-2014	5.70	07-10-2014
449	PANAMA WIND ENERGY GODAWARI PVT LTD, FIRST FLOOR,	Wind	2	07-10-2014	5.70	07-10-2014
450	M/s Giriraj Enterprises	Wind	2	21-10-2014	5.33	21-10-2014
451	Energion MH WIND Power Pvt.Ltd.	Wind	2	05-02-2015	5.70	05-02-2015
452	Energion MH WIND Power Pvt.Ltd.	Wind	2	07-02-2015	5.70	07-02-2015

453	Energion MH WIND Power Pvt.Ltd.	Wind	2	07-02-2015	5.70	07-02-2015
454	Energion MH WIND Power Pvt.Ltd.	Wind	2	07-02-2015	5.70	07-02-2015
455	Energion MH WIND Power Pvt.Ltd.	Wind	2	07-02-2015	5.70	07-02-2015
456	Energion MH WIND Power Pvt.Ltd.	Wind	2	07-02-2015	5.70	07-02-2015
457	Energion MH WIND Power Pvt.Ltd.	Wind	2	07-02-2015	5.70	07-02-2015
458	Energion MH WIND Power Pvt.Ltd.	Wind	2	19-02-2015	5.70	19-02-2015
459	Energion MH WIND Power Pvt.Ltd.	Wind	2	19-02-2015	5.70	19-02-2015
460	Energion MH WIND Power Pvt.Ltd.	Wind	2	19-02-2015	5.70	19-02-2015
461	Pudhari Publication Pvt. Ltd.	Wind	2	31-03-2015	5.33	31-03-2015
462	Energion MH WIND Power Pvt.Ltd.	Wind	2	31-03-2015	5.70	31-03-2015
463	Energion MH WIND Power Pvt.Ltd.	Wind	2	31-03-2015	5.70	31-03-2015
464	Energion MH WIND Power Pvt.Ltd.	Wind	2	31-03-2015	5.70	31-03-2015
465	Energion MH WIND Power Pvt.Ltd.	Wind	2	31-03-2015	5.70	31-03-2015
466	Energion MH WIND Power Pvt.Ltd.	Wind	2	31-03-2015	5.70	31-03-2015
467	M/s Giriraj Enterprises	Wind	2	31-03-2015	5.33	31-03-2015
468	IOTA Mtech Power LLP	Wind	2	31-10-2015	5.70	31-10-2015
469	BMD Power Private Limited	Wind	2	03-10-2015	5.70	03-10-2015
470	D J MALPANI	Wind	2	03-10-2015	5.33	03-10-2015
471	D J MALPANI	Wind	2	03-10-2015	5.33	03-10-2015
472	Sri Balaji & co	Wind	2	31-10-2015	5.70	31-10-2015
473	Sri Balaji & co	Wind	2	31-10-2015	5.70	31-10-2015
474	M/S. INOX WIND ENERGY LTD.	Wind	2	31-10-2015	5.70	31-10-2015
475	M/s.Orange Maha WIND Energy Pvt. Ltd.	Wind	2	31-10-2015	5.70	31-10-2015
476	M/s.Orange Maha WIND Energy Pvt. Ltd.	Wind	2	31-10-2015	5.70	31-10-2015
477	M/s.Orange Maha WIND Energy Pvt. Ltd.	Wind	2	31-10-2015	5.70	31-10-2015
478	M/s.Orange Maha WIND Energy Pvt. Ltd.	Wind	2	31-10-2015	5.70	31-10-2015
479	M/s.Orange Maha WIND Energy Pvt. Ltd.	Wind	2	31-10-2015	5.70	31-10-2015
480	M/s.Orange Maha WIND Energy Pvt. Ltd.	Wind	2	31-10-2015	5.70	31-10-2015
481	M/s.Orange Maha WIND Energy Pvt. Ltd.	Wind	2	31-10-2015	5.70	31-10-2015
482	M/s.Orange Maha WIND Energy Pvt. Ltd.	Wind	2	31-10-2015	5.70	31-10-2015
483	M/s.Orange Maha WIND Energy Pvt. Ltd.	Wind	2	31-10-2015	5.70	31-10-2015
484	M/s.Orange Maha WIND Energy Pvt. Ltd.	Wind	2	31-10-2015	5.70	31-10-2015
485	M/s.Orange Maha WIND Energy Pvt. Ltd.	Wind	2	31-10-2015	5.70	31-10-2015
486	Nilgiri Power Pvt.Ltd	Wind	2	31-10-2015	5.70	31-10-2015
487	Nilgiri Power Pvt.Ltd	Wind	2	31-10-2015	5.70	31-10-2015
488	NILGIRI POWER PVT.LTD	Wind	2	31-10-2015	5.70	31-10-2015
489	Nilgiri Power Pvt.Ltd	Wind	2	31-10-2015	5.70	31-10-2015
490	Clean WIND Power Satara Pvt Ltd	Wind	2	31-10-2015	5.70	31-10-2015
491	BMD Power Private Limited	Wind	2	31-10-2015	5.70	31-10-2015
492	BMD POWER PRIVATE LIMITED	Wind	2	03-10-2015	5.70	03-10-2015
493	M/S. INOX WIND ENERGY LTD.	Wind	2	31-10-2015	5.70	31-10-2015
494	Giriraj Enterprises	Wind	2	31-10-2015	5.70	31-10-2015
495	Giriraj Enterprises	Wind	2	31-10-2015	5.70	31-10-2015
496	Giriraj Enterprises	Wind	2	31-10-2015	5.70	31-10-2015
497	M/s. Inox Renewable Ltd.	Wind	2	31-10-2015	5.70	31-10-2015
498	M/s. Inox Renewable Ltd.	Wind	2	31-10-2015	5.70	31-10-2015
499	M/s. Inox Renewable Ltd.	Wind	2	31-10-2015	5.70	31-10-2015
500	M/s. Inox Renewable Ltd.	Wind	2	31-10-2015	5.70	31-10-2015
501	M/s. Inox Renewable Ltd.	Wind	2	31-10-2015	5.70	31-10-2015
502	M/s. Inox Renewable Ltd.	Wind	2	31-10-2015	5.70	31-10-2015
503	M/s. Inox Renewable Ltd.	Wind	2	31-10-2015	5.70	31-10-2015
504	M/s. Inox Renewable Ltd.	Wind	2	31-10-2015	5.70	31-10-2015
505	M/s Giriraj Enterprises	Wind	2	20-03-2016	5.10	20-03-2016
506	Clean WIND Power Satara Pvt Ltd	Wind	2	23-12-2016	5.56	23-12-2016
507	ORANGE MAHA WIND ENERGY PVT. LTD.	Wind	2	17-03-2017	5.56	17-03-2017
508	ORANGE MAHA WIND ENERGY PVT. LTD.	Wind	2	17-03-2017	5.56	17-03-2017
509	ORANGE MAHA WIND ENERGY PVT. LTD.	Wind	2	17-03-2017	5.56	17-03-2017
510	ORANGE MAHA WIND ENERGY PVT. LTD.	Wind	2	17-03-2017	5.56	17-03-2017
511	ORANGE MAHA WIND ENERGY PVT. LTD.	Wind	2	17-03-2017	5.56	17-03-2017
512	M/S GLOBAL METAL & ENERGY PVT LTD	Wind	2	25-03-2017	5.56	25-03-2017
513	M/S GLOBAL METAL & ENERGY PVT LTD	Wind	2	25-03-2017	5.56	25-03-2017
514	M/S GLOBAL METAL & ENERGY PVT LTD	Wind	2	25-03-2017	5.56	25-03-2017
515	M/S GLOBAL METAL & ENERGY PVT LTD	Wind	2	25-03-2017	5.56	25-03-2017
516	M/S GLOBAL METAL & ENERGY PVT LTD	Wind	2	25-03-2017	5.56	25-03-2017
517	CLEAN WIND POWER (SATARA) PVT LTD	Wind	2	31-03-2017	5.56	31-03-2017
518	GIRIRAJ ENTERPRISES	Wind	2	31-03-2017	5.56	31-03-2017
519	2)RASASRI DEVELOPERS PVT.LTD.( GBY-24,27)	Wind	1.7	30-03-2012	4.56	30-03-2012
520	14) M. D. PROPOERTIES PVT.LTD.( GBY-22,26)	Wind	1.7	28-09-2012	5.67	28-09-2012
521	13) GHODAWAT FOODS INTERNATIONAL PVT.LTD.( GBY-16,	Wind	1.7	28-09-2012	5.67	28-09-2012
522	Karad Power India Pvt. Ltd.	Wind	1.65	03-01-2024	2.65	03-01-2024
523	STERLING AGRO INDUSTRIES LTD	Wind	1.65	10-01-2024	2.65	10-01-2024
524	3)BLP WIND PROJECT (AMBHERI)PVT LTD. ((F8 TO 9))	Wind	1.6	30-05-2012	5.67	30-05-2012
525	RATNAGIRI WIND POWER PROJECT PVT.LTD. ( T1 TO T5,T	Wind	1.6	01-06-2013	5.81	01-06-2013

526	1) RATNAGIRI WIND POWER PROJECT PVT.LTD. (T14)	Wind	1.6	16-01-2013	5.67	16-01-2013
527	3)SUYOG DEVELOPMENT CORPORATION LTD.(F17,18)	Wind	1.6	28-01-2013	5.67	28-01-2013
528	2) PANAMA WIND ENERGY PVT.LTD. (49 & 4)	Wind	1.6	22-04-2013	5.81	22-04-2013
529	2) PANAMA WIND ENERGY PVT.LTD. (P31)	Wind	1.6	13-06-2013	5.81	13-06-2013
530	3) PANAMA WIND ENERGY PVT.LTD. (P7)	Wind	1.6	02-07-2013	5.81	02-07-2013
531	4) PANAMA WIND ENERGY PVT.LTD. (P61)	Wind	1.6	07-07-2013	5.81	07-07-2013
532	4) PANAMA WIND ENERGY PVT.LTD.(P42)	Wind	1.6	07-07-2013	5.81	07-07-2013
533	3) RATNAGIRI WIND POWER PROJECT PVT.LTD. (T22)	Wind	1.6	30-07-2013	5.81	30-07-2013
534	5) PANAMA WIND ENERGY PVT.LTD.(P32)	Wind	1.6	26-10-2013	5.81	26-10-2013
535	6) PANAMA WIND ENERGY PVT.LTD.(P40)	Wind	1.6	13-02-2014	5.81	13-02-2014
536	3) RATNAGIRI WIND POWER PROJECT PVT.LTD. (T58)	Wind	1.6	04-09-2014	5.70	04-09-2014
537	2) RATNAGIRI WIND POWER PROJECT PVT.LTD. (T43,T47)	Wind	1.6	09-10-2015	5.70	09-10-2015
538	RATNAGIRI WIND POWER PROJECT PVT.LTD. (T11,T12,T20)	Wind	1.6	09-10-2015	5.70	09-10-2015
539	3) RATNAGIRI WIND POWER PROJECT PVT.LTD. (T42)	Wind	1.6	31-10-2015	5.70	31-10-2015
540	RATNAGIRI WIND POWER PROJECT PVT.LTD. (T6)	Wind	1.6	31-10-2015	5.70	31-10-2015
541	G. R. Tanti	Wind	1.50	24-12-2019	2.52	24-12-2019
542	V. R. Tanti	Wind	1.50	24-12-2019	2.52	24-12-2019
543	T. R. Tanti	Wind	1.50	24-12-2019	2.52	24-12-2019
544	Ms. Rajasthan Gum Private Limited	Wind	1.50	03-01-2024	2.65	03-01-2024
545	KUMAR COMPANY	Wind	1.50	15-01-2024	2.65	15-01-2024
546	OSHO DEVELOPERS	Wind	1.50	17-01-2024	2.65	17-01-2024
547	4)PRIYADARSHINI POLYSACKS LTD. (RB 07 )	Wind	1.5	29-09-2011	4.56	29-09-2011
548	5) PERTINENT INFRA & ENERGY LTD.( RB 08)	Wind	1.5	29-09-2011	4.56	29-09-2011
549	Hindustan Zinc Ltd	Wind	1.5	15-09-2011	5.37	15-09-2011
550	Hindustan Zinc Ltd	Wind	1.5	02-09-2011	5.37	02-09-2011
551	Hindustan Zinc Ltd	Wind	1.5	15-09-2011	5.37	15-09-2011
552	Hindustan Zinc Ltd	Wind	1.5	02-09-2011	5.37	02-09-2011
553	Hindustan Zinc Ltd	Wind	1.5	02-09-2011	5.37	02-09-2011
554	Hindustan Zinc Ltd	Wind	1.5	09-09-2011	5.37	09-09-2011
555	Hindustan Zinc Ltd	Wind	1.5	15-09-2011	5.37	15-09-2011
556	Hindustan Zinc Ltd	Wind	1.5	21-09-2011	5.37	21-09-2011
557	Hindustan Zinc Ltd	Wind	1.5	02-09-2011	5.37	02-09-2011
558	Hindustan Zinc Ltd	Wind	1.5	02-09-2011	5.37	02-09-2011
559	Hindustan Zinc Ltd	Wind	1.5	02-09-2011	5.37	02-09-2011
560	Hindustan Zinc Ltd	Wind	1.5	02-09-2011	5.37	02-09-2011
561	Hindustan Zinc Ltd	Wind	1.5	29-09-2011	5.37	29-09-2011
562	Hindustan Zinc Ltd	Wind	1.5	29-09-2011	5.37	29-09-2011
563	Hindustan Zinc Ltd	Wind	1.5	09-09-2011	5.37	09-09-2011
564	Hindustan Zinc Ltd	Wind	1.5	21-09-2011	5.37	21-09-2011
565	Hindustan Zinc Ltd	Wind	1.5	15-09-2011	5.37	15-09-2011
566	1)BMD PVT. LTD. ( AK10)	Wind	1.5	20-03-2012	5.37	20-03-2012
567	2)BHILWARA GREEN ENERGY LTD. (RP23F)	Wind	1.5	30-03-2012	5.37	30-03-2012
568	1)GREEN INFRA BTV LTD (N-03)	Wind	1.5	31-03-2012	5.37	31-03-2012
569	3)BMD PVT. LTD. ( AK07)	Wind	1.5	31-03-2012	4.56	31-03-2012
570	6)GREEN INFRA BTV LTD ( RP11PB)	Wind	1.5	30-05-2012	5.67	30-05-2012
571	L B Kunjir.	Wind	1.5	31-03-2012	4.56	31-03-2012
572	L B Kunjir.	Wind	1.5	31-03-2012	4.56	31-03-2012
573	5)GREEN INFRA BTV LTD (RP11P)	Wind	1.5	31-03-2012	5.37	31-03-2012
574	Bindu Vayu Urja PvtLtd	Wind	1.5	22-02-2012	5.37	22-02-2012
575	Bindu Vayu Urja PvtLtd	Wind	1.5	15-02-2012	5.37	15-02-2012
576	Bindu Vayu Urja PvtLtd	Wind	1.5	15-02-2012	5.37	15-02-2012
577	Bindu Vayu Urja PvtLtd	Wind	1.5	12-01-2012	5.37	12-01-2012
578	Bindu Vayu Urja PvtLtd	Wind	1.5	20-01-2012	5.37	20-01-2012
579	Bindu Vayu Urja PvtLtd	Wind	1.5	20-01-2012	5.37	20-01-2012
580	Bindu Vayu Urja PvtLtd	Wind	1.5	03-01-2012	5.37	03-01-2012
581	Bindu Vayu Urja PvtLtd	Wind	1.5	30-12-2011	5.37	30-12-2011
582	Bindu Vayu Urja PvtLtd	Wind	1.5	30-12-2011	5.37	30-12-2011
583	Bindu Vayu Urja PvtLtd	Wind	1.5	30-12-2011	5.37	30-12-2011
584	Bindu Vayu Urja PvtLtd	Wind	1.5	30-12-2011	5.37	30-12-2011
585	Bindu Vayu Urja PvtLtd	Wind	1.5	30-12-2011	5.37	30-12-2011
586	Bindu Vayu Urja PvtLtd	Wind	1.5	30-12-2011	5.37	30-12-2011
587	Bindu Vayu Urja PvtLtd	Wind	1.5	30-12-2011	5.37	30-12-2011
588	Bindu Vayu Urja PvtLtd	Wind	1.5	30-12-2011	5.37	30-12-2011
589	Bindu Vayu Urja PvtLtd	Wind	1.5	22-02-2012	5.37	22-02-2012
590	Bindu Vayu Urja PvtLtd	Wind	1.5	15-02-2012	5.37	15-02-2012
591	Bindu Vayu Urja PvtLtd	Wind	1.5	15-02-2012	5.37	15-02-2012
592	Bindu Vayu Urja PvtLtd	Wind	1.5	15-02-2012	5.37	15-02-2012
593	Bindu Vayu Urja PvtLtd	Wind	1.5	13-01-2012	5.37	13-01-2012
594	Bindu Vayu Urja PvtLtd	Wind	1.5	12-01-2012	5.37	12-01-2012



595	Bindu Vayu Urja PvtLtd	Wind	1.5	12-01-2012	5.37	12-01-2012
596	Bindu Vayu Urja PvtLtd	Wind	1.5	30-12-2011	5.37	30-12-2011
597	Bindu Vayu Urja PvtLtd	Wind	1.5	30-12-2011	5.37	30-12-2011
598	Bindu Vayu Urja PvtLtd	Wind	1.5	30-12-2011	5.37	30-12-2011
599	Bindu Vayu Urja PvtLtd	Wind	1.5	30-12-2011	5.37	30-12-2011
600	Renew WIND Energy ( Rajkot ) Pvt.Ltd	Wind	1.5	26-09-2012	5.67	26-09-2012
601	Renew WIND Energy ( Rajkot ) Pvt.Ltd	Wind	1.5	26-09-2012	5.67	26-09-2012
602	Renew WIND Energy ( Rajkot ) Pvt.Ltd	Wind	1.5	26-09-2012	5.67	26-09-2012
603	Renew WIND Energy ( Rajkot ) Pvt.Ltd	Wind	1.5	26-09-2012	5.67	26-09-2012
604	Renew WIND Energy ( Rajkot ) Pvt.Ltd	Wind	1.5	26-09-2012	5.67	26-09-2012
605	Renew WIND Energy ( Rajkot ) Pvt.Ltd	Wind	1.5	26-09-2012	5.67	26-09-2012
606	Renew WIND Energy ( Rajkot ) Pvt.Ltd	Wind	1.5	28-09-2012	5.67	28-09-2012
607	Renew WIND Energy ( Rajkot ) Pvt.Ltd	Wind	1.5	28-09-2012	5.67	28-09-2012
608	Renew WIND Energy ( Rajkot ) Pvt.Ltd	Wind	1.5	28-09-2012	5.67	28-09-2012
609	6)TOPAZ INVESTMENTS PVT.LTD. (SH08)	Wind	1.5	29-09-2012	5.67	29-09-2012
610	Renew WIND Energy ( Rajkot ) Pvt.Ltd	Wind	1.5	30-09-2012	5.67	30-09-2012
611	Renew WIND Energy ( Rajkot ) Pvt.Ltd	Wind	1.5	30-09-2012	5.67	30-09-2012
612	Renew WIND Energy ( Rajkot ) Pvt.Ltd	Wind	1.5	30-09-2012	5.67	30-09-2012
613	Renew WIND Energy ( Rajkot ) Pvt.Ltd	Wind	1.5	30-09-2012	5.67	30-09-2012
614	Renew WIND Energy ( Rajkot ) Pvt.Ltd	Wind	1.5	26-02-2013	5.67	26-02-2013
615	Renew WIND Energy ( Rajkot ) Pvt.Ltd	Wind	1.5	26-02-2013	5.67	26-02-2013
616	Renew WIND Energy ( Rajkot ) Pvt.Ltd	Wind	1.5	26-02-2013	5.67	26-02-2013
617	Renew WIND Energy ( Rajkot ) Pvt.Ltd	Wind	1.5	21-03-2013	5.67	21-03-2013
618	Renew WIND Energy ( Shivpur ) Pvt.Ltd	Wind	1.5	03-04-2013	5.81	03-04-2013
619	Renew WIND Energy ( Shivpur ) Pvt.Ltd	Wind	1.5	03-04-2013	5.81	03-04-2013
620	Renew WIND Energy ( Shivpur ) Pvt.Ltd	Wind	1.5	03-04-2013	5.81	03-04-2013
621	Renew WIND Energy ( Shivpur ) Pvt.Ltd	Wind	1.5	03-04-2013	5.81	03-04-2013
622	Renew WIND Energy ( Shivpur ) Pvt.Ltd	Wind	1.5	03-04-2013	5.81	03-04-2013
623	Renew WIND Energy ( Shivpur ) Pvt.Ltd	Wind	1.5	03-04-2013	5.81	03-04-2013
624	Renew WIND Energy ( Shivpur ) Pvt.Ltd	Wind	1.5	03-04-2013	5.81	03-04-2013
625	Renew WIND Energy ( Shivpur ) Pvt.Ltd	Wind	1.5	03-04-2013	5.81	03-04-2013
626	Renew WIND Energy ( Shivpur ) Pvt.Ltd	Wind	1.5	03-04-2013	5.81	03-04-2013
627	Renew WIND Energy ( Shivpur ) Pvt.Ltd	Wind	1.5	03-04-2013	5.81	03-04-2013
628	Renew WIND Energy ( Shivpur ) Pvt.Ltd	Wind	1.5	03-04-2013	5.81	03-04-2013
629	Renew WIND Energy ( Rajkot ) Pvt.Ltd	Wind	1.5	03-04-2013	5.81	03-04-2013
630	Renew WIND Energy ( Rajkot ) Pvt.Ltd	Wind	1.5	03-04-2013	5.81	03-04-2013
631	Renew WIND Energy ( Rajkot ) Pvt.Ltd	Wind	1.5	03-04-2013	5.81	03-04-2013
632	Renew WIND Energy ( Rajkot ) Pvt.Ltd	Wind	1.5	03-04-2013	5.81	03-04-2013
633	Renew WIND Energy ( Rajkot ) Pvt.Ltd	Wind	1.5	03-04-2013	5.81	03-04-2013
634	Renew WIND Energy ( Rajkot ) Pvt.Ltd	Wind	1.5	03-04-2013	5.81	03-04-2013
635	Renew WIND Energy ( Rajkot ) Pvt.Ltd	Wind	1.5	03-04-2013	5.81	03-04-2013
636	Renew WIND Energy ( Rajkot ) Pvt.Ltd	Wind	1.5	03-04-2013	5.81	03-04-2013
637	Renew WIND Energy ( Rajkot ) Pvt.Ltd	Wind	1.5	03-04-2013	5.81	03-04-2013
638	Renew WIND Energy ( Rajkot ) Pvt.Ltd	Wind	1.5	03-04-2013	5.81	03-04-2013
639	2) GREEN INFRA WIND ENERGY LTD. (GF 17)	Wind	1.5	10-05-2013	5.81	10-05-2013
640	Renew WIND Energy ( Rajkot ) Pvt.Ltd	Wind	1.5	22-05-2013	5.81	22-05-2013
641	Renew WIND Energy ( Shivpur ) Pvt.Ltd	Wind	1.5	24-06-2013	5.81	24-06-2013
642	Renew WIND Energy ( Shivpur ) Pvt.Ltd	Wind	1.5	26-06-2013	5.81	26-06-2013
643	Renew WIND Energy ( Shivpur ) Pvt.Ltd	Wind	1.5	26-06-2013	5.81	26-06-2013
644	Renew WIND Energy ( Shivpur ) Pvt.Ltd	Wind	1.5	26-06-2013	5.81	26-06-2013
645	Renew WIND Energy ( Shivpur ) Pvt.Ltd	Wind	1.5	26-06-2013	5.81	26-06-2013
646	Renew WIND Energy ( Shivpur ) Pvt.Ltd	Wind	1.5	26-06-2013	5.81	26-06-2013
647	Renew WIND Energy ( Shivpur ) Pvt.Ltd	Wind	1.5	26-06-2013	5.81	26-06-2013
648	Renew WIND Energy ( Shivpur ) Pvt.Ltd	Wind	1.5	26-06-2013	5.81	26-06-2013
649	Renew WIND Energy ( Shivpur ) Pvt.Ltd	Wind	1.5	26-06-2013	5.81	26-06-2013
650	Renew WIND Energy ( Rajkot ) Pvt.Ltd	Wind	1.5	03-07-2013	5.81	03-07-2013
651	Renew WIND Energy ( Shivpur ) Pvt.Ltd	Wind	1.5	19-07-2013	5.81	19-07-2013
652	Renew WIND Energy ( Shivpur ) Pvt.Ltd	Wind	1.5	01-08-2013	5.81	01-08-2013
653	Renew WIND Energy ( Shivpur ) Pvt.Ltd	Wind	1.5	01-08-2013	5.81	01-08-2013
654	Renew WIND Energy ( Rajkot ) Pvt.Ltd	Wind	1.5	06-08-2013	5.81	06-08-2013
655	ReNew WIND Energy (Rajasthan) Pvt Ltd.	Wind	1.5	16-08-2013	5.81	16-08-2013
656	ReNew WIND Energy (Rajasthan) Pvt Ltd.	Wind	1.5	16-08-2013	5.81	16-08-2013
657	Renew WIND Energy ( Shivpur ) Pvt.Ltd	Wind	1.5	21-08-2013	5.81	21-08-2013
658	Renew WIND Energy ( Shivpur ) Pvt.Ltd	Wind	1.5	21-08-2013	5.81	21-08-2013
659	Renew WIND Energy ( Shivpur ) Pvt.Ltd	Wind	1.5	21-08-2013	5.81	21-08-2013
660	Renew WIND Energy ( Shivpur ) Pvt.Ltd	Wind	1.5	21-08-2013	5.81	21-08-2013
661	Renew WIND Energy ( Shivpur ) Pvt.Ltd	Wind	1.5	21-08-2013	5.81	21-08-2013
662	Renew WIND Energy ( Shivpur ) Pvt.Ltd	Wind	1.5	21-08-2013	5.81	21-08-2013
663	Renew WIND Energy ( Shivpur ) Pvt.Ltd	Wind	1.5	29-08-2013	5.81	29-08-2013
664	Renew WIND Energy ( Shivpur ) Pvt.Ltd	Wind	1.5	29-08-2013	5.81	29-08-2013
665	Renew WIND Energy ( Shivpur ) Pvt.Ltd	Wind	1.5	30-08-2013	5.81	30-08-2013
666	Renew WIND Energy ( Shivpur ) Pvt.Ltd	Wind	1.5	30-08-2013	5.81	30-08-2013
667	Pertinent Infra & Energy	Wind	1.5	17-09-2013	5.81	17-09-2013
668	8)PRISTINE INDUSRIES LTD. (RB 15)	Wind	1.5	18-09-2013	5.81	18-09-2013
669	7)PRIYADARSHINI POLYSACKS LTD. (RB 14)	Wind	1.5	18-09-2013	5.81	18-09-2013
670	8)BHILWARA GREEN ENERGY LTD. (RP33P)	Wind	1.5	19-09-2013	5.81	19-09-2013

671	5) BHILWARA GREEN ENERGY LTD. (AK 14)	Wind	1.5	11-10-2013	5.81	11-10-2013
672	ReNew WIND Energy (Rajasthan) Pvt Ltd.	Wind	1.5	22-01-2014	5.81	22-01-2014
673	ReNew WIND Energy (Rajasthan) Pvt Ltd.	Wind	1.5	25-01-2014	5.81	25-01-2014
674	ReNew WIND Energy (Rajasthan) Pvt Ltd.	Wind	1.5	25-01-2014	5.81	25-01-2014
675	ReNew WIND Energy (Rajasthan) Pvt Ltd.	Wind	1.5	25-01-2014	5.81	25-01-2014
676	ReNew WIND Energy (Rajasthan) Pvt Ltd.	Wind	1.5	25-01-2014	5.81	25-01-2014
677	ReNew WIND Energy (Rajasthan) Pvt Ltd.	Wind	1.5	25-01-2014	5.81	25-01-2014
678	ReNew WIND Energy (Rajasthan) Pvt Ltd.	Wind	1.5	25-01-2014	5.81	25-01-2014
679	ReNew WIND Energy (Rajasthan) Pvt Ltd.	Wind	1.5	30-01-2014	5.81	30-01-2014
680	ReNew WIND Energy (Rajasthan) Pvt Ltd.	Wind	1.5	05-03-2014	5.81	05-03-2014
681	ReNew WIND Energy (Rajasthan) Pvt Ltd.	Wind	1.5	05-03-2014	5.81	05-03-2014
682	ReNew WIND Energy (Devgarh) Pvt Ltd.	Wind	1.5	05-03-2014	5.81	05-03-2014
683	ReNew WIND Energy (Devgarh) Pvt Ltd.	Wind	1.5	05-03-2014	5.81	05-03-2014
684	ReNew WIND Energy (Devgarh) Pvt Ltd.	Wind	1.5	05-03-2014	5.81	05-03-2014
685	ReNew WIND Energy (Rajasthan) Pvt Ltd.	Wind	1.5	21-03-2014	5.81	21-03-2014
686	ReNew WIND Energy (Rajasthan) Pvt Ltd.	Wind	1.5	26-03-2014	5.81	26-03-2014
687	ReNew WIND Energy (Devgarh) Pvt Ltd.	Wind	1.5	26-03-2014	5.81	26-03-2014
688	ReNew WIND Energy (Devgarh) Pvt Ltd.	Wind	1.5	26-03-2014	5.81	26-03-2014
689	ReNew WIND Energy (Devgarh) Pvt Ltd.	Wind	1.5	26-03-2014	5.81	26-03-2014
690	ReNew WIND Energy (Devgarh) Pvt Ltd.	Wind	1.5	26-03-2014	5.81	26-03-2014
691	ReNew WIND Energy (Rajasthan) Pvt Ltd.	Wind	1.5	29-03-2014	5.81	29-03-2014
692	ReNew WIND Energy (Rajasthan) Pvt Ltd.	Wind	1.5	29-03-2014	5.81	29-03-2014
693	RENEW WIND ENERGY (RAJASTHAN) PVT LTD.	Wind	1.5	29-03-2014	5.81	29-03-2014
694	RENEW WIND ENERGY (RAJASTHAN) PVT LTD.	Wind	1.5	29-03-2014	5.81	29-03-2014
695	RENEW WIND ENERGY (RAJASTHAN) PVT LTD.	Wind	1.5	29-03-2014	5.81	29-03-2014
696	NSL WIND Power Company (Kayathar) Private Limited	Wind	1.5	30-03-2014	5.81	30-03-2014
697	NSL WIND Power Company (Kayathar) Private Limited	Wind	1.5	30-03-2014	5.81	30-03-2014
698	ReNew WIND Energy (Devgarh) Pvt Ltd.	Wind	1.5	30-03-2014	5.81	30-03-2014
699	ReNew WIND Energy (Devgarh) Pvt Ltd.	Wind	1.5	30-03-2014	5.81	30-03-2014
700	ReNew WIND Energy (Devgarh) Pvt Ltd.	Wind	1.5	30-03-2014	5.81	30-03-2014
701	ReNew WIND Energy (Devgarh) Pvt Ltd.	Wind	1.5	30-03-2014	5.81	30-03-2014
702	ReNew WIND Energy (Devgarh) Pvt Ltd.	Wind	1.5	30-03-2014	5.81	30-03-2014
703	ReNew WIND Energy (Devgarh) Pvt Ltd.	Wind	1.5	30-03-2014	5.81	30-03-2014
704	ReNew WIND Energy (Devgarh) Pvt Ltd.	Wind	1.5	30-03-2014	5.81	30-03-2014
705	ReNew WIND Energy (Devgarh) Pvt Ltd.	Wind	1.5	30-03-2014	5.81	30-03-2014
706	ReNew WIND Energy (Devgarh) Pvt Ltd.	Wind	1.5	30-03-2014	5.81	30-03-2014
707	ReNew WIND Energy (Devgarh) Pvt Ltd.	Wind	1.5	30-03-2014	5.81	30-03-2014
708	10)NSL WIND POWER COMPANY(SATARA)PVT.LTD.	Wind	1.5	31-03-2014	5.81	31-03-2014
709	NSL WIND Power Company (Kayathar) Private Limited	Wind	1.5	31-03-2014	5.81	31-03-2014
710	NSL WIND Power Company (Kayathar) Private Limited	Wind	1.5	31-03-2014	5.81	31-03-2014
711	NSL WIND Power Company (Kayathar) Private Limited	Wind	1.5	31-03-2014	5.81	31-03-2014
712	NSL WIND Power Company (Kayathar) Private Limited	Wind	1.5	31-03-2014	5.81	31-03-2014
713	NSL WIND Power Company (Kayathar) Private Limited	Wind	1.5	31-03-2014	5.81	31-03-2014
714	NSL WIND Power Company (Kayathar) Private Limited	Wind	1.5	31-03-2014	5.81	31-03-2014
715	NSL WIND Power Company (Kayathar) Private Limited	Wind	1.5	31-03-2014	5.81	31-03-2014
716	NSL WIND Power Company (Kayathar) Private Limited	Wind	1.5	31-03-2014	5.81	31-03-2014
717	NSL WIND Power Company (Kayathar) Private Limited	Wind	1.5	31-03-2014	5.81	31-03-2014
718	NSL WIND Power Company (Kayathar) Private Limited	Wind	1.5	31-03-2014	5.81	31-03-2014
719	NSL WIND Power Company (Kayathar) Private Limited	Wind	1.5	31-03-2014	5.81	31-03-2014
720	NSL WIND Power Company (Kayathar) Private Limited	Wind	1.5	31-03-2014	5.81	31-03-2014
721	NSL WIND Power Company (Kayathar) Private Limited	Wind	1.5	31-03-2014	5.81	31-03-2014
722	NSL WIND Power Company (Kayathar) Private Limited	Wind	1.5	31-03-2014	5.81	31-03-2014
723	NSL WIND Power Company (Kayathar) Private Limited	Wind	1.5	31-03-2014	5.81	31-03-2014
724	ReNew WIND Energy (Devgarh) Pvt Ltd.	Wind	1.5	31-03-2014	5.81	31-03-2014
725	ReNew WIND Energy (Devgarh) Pvt Ltd.	Wind	1.5	31-03-2014	5.81	31-03-2014
726	ReNew WIND Energy (Devgarh) Pvt Ltd.	Wind	1.5	31-03-2014	5.81	31-03-2014
727	ReNew WIND Energy (Devgarh) Pvt Ltd.	Wind	1.5	31-03-2014	5.81	31-03-2014
728	ReNew WIND Energy (Devgarh) Pvt Ltd.	Wind	1.5	31-03-2014	5.81	31-03-2014
729	ReNew WIND Energy (Devgarh) Pvt Ltd.	Wind	1.5	31-03-2014	5.81	31-03-2014

730	ReNew WIND Energy (Devgarh) Pvt Ltd.	Wind	1.5	31-03-2014	5.81	31-03-2014
731	ReNew WIND Energy (Devgarh) Pvt Ltd.	Wind	1.5	31-03-2014	5.81	31-03-2014
732	ReNew WIND Energy (Devgarh) Pvt Ltd.	Wind	1.5	31-03-2014	5.81	31-03-2014
733	ReNew WIND Energy (Devgarh) Pvt Ltd.	Wind	1.5	31-03-2014	5.81	31-03-2014
734	ReNew WIND Energy (Devgarh) Pvt Ltd.	Wind	1.5	11-11-2014	5.70	11-11-2014
735	ReNew WIND Energy (Devgarh) Pvt Ltd.	Wind	1.5	11-11-2014	5.70	11-11-2014
736	ReNew WIND Energy (Devgarh) Pvt Ltd.	Wind	1.5	11-11-2014	5.70	11-11-2014
737	ReNew WIND Energy (Devgarh) Pvt Ltd.	Wind	1.5	11-11-2014	5.70	11-11-2014
738	ReNew WIND Energy (Devgarh) Pvt Ltd.	Wind	1.5	11-11-2014	5.70	11-11-2014
739	ReNew WIND Energy (Devgarh) Pvt Ltd.	Wind	1.5	11-11-2014	5.70	11-11-2014
740	ReNew WIND Energy (Rajasthan) Pvt Ltd.	Wind	1.5	27-12-2014	5.70	27-12-2014
741	13) NSL WIND POWER COMPANY(SAYAMALAI)PVT.LTD.(WA02	Wind	1.5	13-02-2015	5.70	13-02-2015
742	4) SISPARA RENEWABLE POWER PVT.LTD. (NSL 29)	Wind	1.5	31-03-2015	5.70	31-03-2015
743	4) KALSUBAI POWER PVT.LTD. (NSL-16)	Wind	1.5	31-03-2015	5.70	31-03-2015
744	5) NSL WIND POWER COMPANY(SAYAMALAI)PVT.LTD.(S06)	Wind	1.5	31-03-2015	5.01	31-03-2015
745	4) NSL WIND POWER COMPANY(SAYAMALAI)PVT.LTD.(S05)	Wind	1.5	31-03-2015	5.01	31-03-2015
746	14) NSL WIND POWER COMPANY(SAYAMALAI)PVT.LTD.(WA01	Wind	1.5	31-03-2015	5.01	31-03-2015
747	6) CHAK RADER FARM EQUIPMENTS PVT.LTD. (RCK 3)	Wind	1.5	31-03-2015	5.70	31-03-2015
748	NSL WIND Power Company (Kayathar) Private Limited	Wind	1.5	03-10-2015	5.70	03-10-2015
749	NSL WIND Power Company (Kayathar) Private Limited	Wind	1.5	03-10-2015	5.70	03-10-2015
750	NSL WIND Power Company (Kayathar) Private Limited	Wind	1.5	03-10-2015	5.70	03-10-2015
751	NSL WIND Power Company (Kayathar) Private Limited	Wind	1.5	03-10-2015	5.70	03-10-2015
752	NSL WIND Power Company (Kayathar) Private Limited	Wind	1.5	03-10-2015	5.70	03-10-2015
753	NSL WIND Power Company (Kayathar) Private Limited	Wind	1.5	03-10-2015	5.70	03-10-2015
754	NSL WIND Power Company (Kayathar) Private Limited	Wind	1.5	03-10-2015	5.70	03-10-2015
755	M/S HETERO MED SOLUTIONS LTD.	Wind	1.5	31-10-2015	5.70	31-10-2015
756	M/S HETERO MED SOLUTIONS LTD.	Wind	1.5	31-10-2015	5.70	31-10-2015
757	M/S HETERO MED SOLUTIONS LTD.	Wind	1.5	31-10-2015	5.70	31-10-2015
758	M/S HETERO MED SOLUTIONS LTD.	Wind	1.5	31-10-2015	5.70	31-10-2015
759	M/S HETERO MED SOLUTIONS LTD.	Wind	1.5	31-10-2015	5.70	31-10-2015
760	M/S HETERO MED SOLUTIONS LTD.	Wind	1.5	31-10-2015	5.70	31-10-2015
761	M/S HETERO MED SOLUTIONS LTD.	Wind	1.5	31-10-2015	5.70	31-10-2015
762	NSL WIND Power Company (Kayathar) Private Limited	Wind	1.5	31-10-2015	5.70	31-10-2015
763	M/S HETERO MED SOLUTIONS LIMITED, HYDRABAD	Wind	1.5	18-03-2017	5.56	18-03-2017
764	M/S HETERO MED SOLUTIONS LIMITED, HYDRABAD	Wind	1.5	18-03-2017	5.56	18-03-2017
765	M/S HETERO MED SOLUTIONS LIMITED, HYDRABAD	Wind	1.5	18-03-2017	5.56	18-03-2017
766	M/S HETERO MED SOLUTIONS LIMITED, HYDRABAD	Wind	1.5	18-03-2017	5.56	18-03-2017
767	M/S HETERO MED SOLUTIONS LIMITED, HYDRABAD	Wind	1.5	18-03-2017	5.56	18-03-2017
768	M/S HETERO MED SOLUTIONS LIMITED, HYDRABAD	Wind	1.5	18-03-2017	5.56	18-03-2017
769	M/S HETERO MED SOLUTIONS LIMITED, HYDRABAD	Wind	1.5	18-03-2017	5.56	18-03-2017
770	M/S HETERO MED SOLUTIONS LIMITED, HYDRABAD	Wind	1.5	18-03-2017	5.56	18-03-2017
771	M/S HETERO MED SOLUTIONS LIMITED, HYDRABAD	Wind	1.5	18-03-2017	5.56	18-03-2017
772	M/S HETERO MED SOLUTIONS LIMITED, HYDRABAD	Wind	1.5	18-03-2017	5.56	18-03-2017
773	M/S HETERO MED SOLUTIONS LIMITED, HYDRABAD	Wind	1.5	18-03-2017	5.56	18-03-2017
774	M/S HETERO MED SOLUTIONS LIMITED, HYDRABAD	Wind	1.5	18-03-2017	5.56	18-03-2017
775	M/S HETERO MED SOLUTIONS LIMITED, HYDRABAD	Wind	1.5	18-03-2017	5.56	18-03-2017
776	B S CHANNABASAPPA AND SONS	Wind	1.40	10-01-2024	2.65	10-01-2024
777	P. D. Gupta	Wind	1.25	01-04-2021	2.52	01-04-2021
778	Intech Power Kovai Pvt. Ltd.	Wind	1.25	14-03-2022	2.65	14-03-2022
779	NVR Power Private Limited	Wind	1.25	23-05-2022	2.65	23-05-2022

780	KPL International Ltd	Wind	1.25	08-06-2022	2.65	08-06-2022
781	HVK International Pvt. Ltd.	Wind	1.25	06-01-2023	2.65	06-01-2023
782	MS.Siva Electric Generation Pvt. Ltd.	Wind	1.25	08-02-2023	2.65	08-02-2023
783	Ms. Sri Manmaya Textiles Private Limited	Ms.	1.25	23-01-2023	2.65	23-01-2023
784	VIKRAM TEA PROCESSOR PRIVATE LIMITED	Wind	1.25	10-01-2024	2.65	10-01-2024
785	Ms. K. K. Enterprises	Wind	1.25	15-01-2024	2.65	15-01-2024
786	Ms. Agarwal Industrial Corporation Ltd.	Wind	1.25	15-01-2024	2.65	15-01-2024
787	Gandhi & Associates	Wind	1.25	09-01-2024	2.65	09-01-2024
788	Gandhi & Associates	Wind	1.25	09-01-2024	2.65	09-01-2024
789	GOUTHAM INDUSTRIES UNIT-II	Wind	1.25	18-01-2024	2.65	18-01-2024
790	13)S K SHIVARAJ ( S 10)	Wind	1.25	02-09-2011	5.37	02-09-2011
791	11)SHREE AMBICA AUTO SALES & SERVICE.(S 19)	Wind	1.25	02-09-2011	4.56	02-09-2011
792	12)RAMA HANDICRAFT (S 15)	Wind	1.25	02-09-2011	5.37	02-09-2011
793	14)S K SHIVARAJ ( S 12)	Wind	1.25	07-09-2011	5.37	07-09-2011
794	16)DUROSHOX PVT. LTD.( SDP 08)	Wind	1.25	31-03-2012	4.56	31-03-2012
795	15)MUTHA ENGINEERING PVT. LTD. (SDP 16)	Wind	1.25	31-03-2012	4.56	31-03-2012
796	17)ARVIND COTSYN (INDIA) LTD. (SDP 05)	Wind	1.25	10-04-2012	5.67	10-04-2012
797	20)SMP CONSTRUCTION PVT.LTD.( S 28)	Wind	1.25	19-08-2013	5.81	19-08-2013
798	DEOGAD WINDMILL	Wind	1.25	15-02-2016	5.71	15-02-2016
799	DEOGAD WINDMILL	Wind	1.25	15-02-2016	5.71	15-02-2016
800	DEOGAD WINDMILL	Wind	1.25	15-02-2016	5.71	15-02-2016
801	DEOGAD WINDMILL	Wind	1.25	15-02-2016	5.71	15-02-2016
802	DEOGAD WINDMILL	Wind	1.25	15-02-2016	5.71	15-02-2016
803	DEOGAD WINDMILL	Wind	1.25	15-02-2016	5.71	15-02-2016
804	DEOGAD WINDMILL	Wind	1.25	15-02-2016	5.71	15-02-2016
805	DEOGAD WINDMILL	Wind	1.25	15-02-2016	5.71	15-02-2016
806	M/s. Siva Renewable Power & Energy Ltd.	Wind	1	05-01-2013	5.67	05-01-2013
807	M/s. Siva Renewable Power & Energy Ltd.	Wind	1	05-01-2013	5.67	05-01-2013
808	M/s. Siva Renewable Power & Energy Ltd.	Wind	1	05-01-2013	5.67	05-01-2013
809	M/s. Siva Renewable Power & Energy Ltd.	Wind	1	05-01-2013	5.67	05-01-2013
810	M/s. Siva Renewable Power & Energy Ltd.	Wind	1	05-01-2013	5.67	05-01-2013
811	M/s. Siva Renewable Power & Energy Ltd.	Wind	1	05-01-2013	5.67	05-01-2013
812	M/s. Siva Renewable Power & Energy Ltd.	Wind	1	05-01-2013	5.67	05-01-2013
813	M/s. Siva Renewable Power & Energy Ltd.	Wind	1	05-01-2013	5.67	05-01-2013
814	M/s. Siva Renewable Power & Energy Ltd.	Wind	1	05-01-2013	5.67	05-01-2013
815	M/s. Siva Renewable Power & Energy Ltd.	Wind	1	05-01-2013	5.67	05-01-2013
816	M/s. Siva Renewable Power & Energy Ltd.	Wind	1	31-10-2015	5.70	31-10-2015
817	M/s. Siva Renewable Power & Energy Ltd.	Wind	1	31-10-2015	5.70	31-10-2015
818	M/s. Siva Renewable Power & Energy Ltd.	Wind	1	31-10-2015	5.70	31-10-2015
819	M/s. Siva Renewable Power & Energy Ltd.	Wind	1	31-10-2015	5.70	31-10-2015
820	1)SUBONIYO CHEMICAL(GBY-18)	Wind	0.85	30-03-2012	4.56	30-03-2012
821	7)AIR CONTROL INDIA PVT.LTD.( GBY-19)	Wind	0.85	31-03-2012	4.56	31-03-2012
822	4)SHRI SIDDHAVINAYAK MARKETING( GBY-21)	Wind	0.85	31-03-2012	4.56	31-03-2012
823	5) R V CONSULTANCY LTD.(GBY-23)	Wind	0.85	31-03-2012	4.56	31-03-2012
824	8)CHARTED FINANCE MANAGEMENT ( GBY-25)	Wind	0.85	31-03-2012	4.56	31-03-2012
825	M/s. BLP WIND Project (Amberi) Pvt. Ltd.	Wind	0.85	31-03-2012	5.37	31-03-2012
826	M/s. BLP WIND Project (Amberi) Pvt. Ltd.	Wind	0.85	31-03-2012	5.37	31-03-2012
827	M/s. BLP WIND Project (Amberi) Pvt. Ltd.	Wind	0.85	31-03-2012	5.37	31-03-2012
828	M/s. BLP WIND Project (Amberi) Pvt. Ltd.	Wind	0.85	31-03-2012	5.37	31-03-2012
829	M/s. BLP WIND Project (Amberi) Pvt. Ltd.,	Wind	0.85	31-03-2012	5.37	31-03-2012
830	M/s. BLP WIND Project (Amberi) Pvt. Ltd.,	Wind	0.85	31-03-2012	5.37	31-03-2012
831	M/s. BLP WIND Project (Amberi) Pvt. Ltd.,	Wind	0.85	31-03-2012	5.37	31-03-2012
832	M/s.Shyam Metalics & Energy Ltd.,	Wind	0.85	31-03-2012	5.37	31-03-2012
833	M/s.Shyam Metalics & Energy Ltd.,	Wind	0.85	31-03-2012	5.37	31-03-2012
834	M/S. INDAN ENERGY PVT.LTD.	Wind	0.85	31-03-2012	4.56	31-03-2012
835	M/s. BLP WIND Project (Amberi) Pvt. Ltd.,	Wind	0.85	19-05-2012	5.67	19-05-2012
836	M/s. BLP WIND Project (Amberi) Pvt. Ltd.,	Wind	0.85	19-05-2012	5.67	19-05-2012
837	M/s. BLP WIND Project (Amberi) Pvt. Ltd.	Wind	0.85	30-06-2012	5.67	30-06-2012
838	M/s. BLP WIND Project (Amberi) Pvt. Ltd.	Wind	0.85	30-06-2012	5.67	30-06-2012
839	M/s. BLP WIND Project (Amberi) Pvt. Ltd.	Wind	0.85	30-06-2012	5.67	30-06-2012
840	10)STERLING AGRO INDUSTRIES LTD.( GBY-05)	Wind	0.85	24-07-2012	5.67	24-07-2012
841	11) STAR OXOCHEM PVT.LTD.( GBY-09)	Wind	0.85	26-09-2012	5.67	26-09-2012
842	M/s.Shyam Metalics & Energy Ltd.	Wind	0.85	26-09-2012	5.67	26-09-2012
843	M/s.Shyam Metalics & Energy Ltd.	Wind	0.85	26-09-2012	5.67	26-09-2012
844	M/s.Vedanayagam Hospital Ltd.	Wind	0.85	30-09-2012	5.67	30-09-2012
845	M/s.Shyam Metalics & Energy Ltd.	Wind	0.85	30-09-2012	5.67	30-09-2012
846	M/s.Shyam Metalics & Energy Ltd.	Wind	0.85	30-09-2012	5.67	30-09-2012
847	M/s.Renew WIND Energy (Jath) Pvt. Ltd.,	Wind	0.85	30-09-2012	5.67	30-09-2012
848	M/s.Renew WIND Energy (Jath) Pvt. Ltd.,	Wind	0.85	30-09-2012	5.67	30-09-2012
849	M/s.Renew WIND Energy (Jath) Pvt. Ltd.,	Wind	0.85	30-09-2012	5.67	30-09-2012
850	M/s.Renew WIND Energy (Jath) Pvt. Ltd.,	Wind	0.85	30-09-2012	5.67	30-09-2012
851	M/s.Renew WIND Energy (Jath) Pvt. Ltd.,	Wind	0.85	30-09-2012	5.67	30-09-2012
852	M/s.Renew WIND Energy (Jath) Pvt. Ltd.,	Wind	0.85	30-09-2012	5.67	30-09-2012
853	M/s.Renew WIND Energy (Jath) Pvt. Ltd.,	Wind	0.85	30-09-2012	5.67	30-09-2012
854	M/s.Renew WIND Energy (Jath) Pvt. Ltd.,	Wind	0.85	30-09-2012	5.67	30-09-2012
855	M/s.Renew WIND Energy (Jath) Pvt. Ltd.,	Wind	0.85	30-09-2012	5.67	30-09-2012



856	M/s.Renew WIND Energy (Jath) Pvt. Ltd.,	Wind	0.85	30-09-2012	5.67	30-09-2012
857	M/s.Nila Sea Foods Pvt. Ltd.	Wind	0.85	06-02-2013	5.67	06-02-2013
858	Renew WIND Energy (Jath) Pvt.Ltd.	Wind	0.85	22-05-2013	5.81	22-05-2013
859	Renew WIND Energy (Jath) Pvt.Ltd.	Wind	0.85	22-05-2013	5.81	22-05-2013
860	Renew WIND Energy (Jath) Pvt.Ltd.	Wind	0.85	22-05-2013	5.81	22-05-2013
861	Renew WIND Energy (Jath) Pvt.Ltd.	Wind	0.85	22-05-2013	5.81	22-05-2013
862	Renew WIND Energy (Jath) Pvt.Ltd.	Wind	0.85	22-05-2013	5.81	22-05-2013
863	Renew WIND Energy (Jath) Pvt.Ltd.	Wind	0.85	22-05-2013	5.81	22-05-2013
864	Renew WIND Energy (Jath) Pvt.Ltd.	Wind	0.85	22-05-2013	5.81	22-05-2013
865	Renew WIND Energy (Jath) Pvt.Ltd.	Wind	0.85	30-05-2013	5.81	30-05-2013
866	Renew WIND Energy (Jath) Pvt.Ltd.	Wind	0.85	30-05-2013	5.81	30-05-2013
867	Renew WIND Energy (Jath) Pvt.Ltd.	Wind	0.85	30-05-2013	5.81	30-05-2013
868	Renew WIND Energy (Jath) Pvt.Ltd.	Wind	0.85	30-05-2013	5.81	30-05-2013
869	Renew WIND Energy (Jath) Pvt.Ltd.	Wind	0.85	05-06-2013	5.81	05-06-2013
870	Renew WIND Energy (Jath) Pvt.Ltd.	Wind	0.85	30-06-2013	5.81	30-06-2013
871	Renew WIND Energy (Jath) Pvt.Ltd.	Wind	0.85	19-07-2013	5.81	19-07-2013
872	Renew WIND Energy (Jath) Pvt.Ltd.	Wind	0.85	19-07-2013	5.81	19-07-2013
873	Renew WIND Energy (Jath) Pvt.Ltd.	Wind	0.85	19-07-2013	5.81	19-07-2013
874	Renew WIND Energy (Jath) Pvt.Ltd.	Wind	0.85	19-07-2013	5.81	19-07-2013
875	Renew WIND Energy (Jath) Pvt.Ltd.	Wind	0.85	19-07-2013	5.81	19-07-2013
876	Renew WIND Energy (Jath) Pvt.Ltd.	Wind	0.85	19-07-2013	5.81	19-07-2013
877	M/S. INDAN ENERGY PVT. LTD.,	Wind	0.85	15-04-2013	5.81	15-04-2013
878	M/S. INDAN ENERGY PVT. LTD.,	Wind	0.85	15-04-2013	5.81	15-04-2013
879	M/S. INDAN ENERGY PVT. LTD.,	Wind	0.85	15-04-2013	5.81	15-04-2013
880	M/S. SJVN LTD., NEW SHIMLA, HIMACHAL PRADESH	Wind	0.85	20-01-2014	5.81	20-01-2014
881	M/S. SJVN LTD., NEW SHIMLA, HIMACHAL PRADESH	Wind	0.85	20-01-2014	5.81	20-01-2014
882	M/S. SJVN LTD., NEW SHIMLA, HIMACHAL PRADESH	Wind	0.85	20-01-2014	5.81	20-01-2014
883	M/S. SJVN LTD., NEW SHIMLA, HIMACHAL PRADESH	Wind	0.85	20-01-2014	5.81	20-01-2014
884	M/S. SJVN LTD., NEW SHIMLA, HIMACHAL PRADESH	Wind	0.85	20-01-2014	5.81	20-01-2014
885	M/S. SJVN LTD., NEW SHIMLA, HIMACHAL PRADESH	Wind	0.85	20-01-2014	5.81	20-01-2014
886	M/S. SJVN LTD., NEW SHIMLA, HIMACHAL PRADESH	Wind	0.85	20-01-2014	5.81	20-01-2014
887	M/S. SJVN LTD., NEW SHIMLA, HIMACHAL PRADESH	Wind	0.85	20-01-2014	5.81	20-01-2014
888	M/S. SJVN LTD., NEW SHIMLA, HIMACHAL PRADESH	Wind	0.85	20-01-2014	5.81	20-01-2014
889	M/S. SJVN LTD., NEW SHIMLA, HIMACHAL PRADESH	Wind	0.85	20-01-2014	5.81	20-01-2014
890	M/S. SJVN LTD., NEW SHIMLA, HIMACHAL PRADESH	Wind	0.85	20-01-2014	5.81	20-01-2014
891	M/S. SJVN LTD., NEW SHIMLA, HIMACHAL PRADESH	Wind	0.85	20-01-2014	5.81	20-01-2014
892	M/S. SJVN LTD., NEW SHIMLA, HIMACHAL PRADESH	Wind	0.85	20-01-2014	5.81	20-01-2014
893	M/S. SJVN LTD., NEW SHIMLA, HIMACHAL PRADESH	Wind	0.85	20-01-2014	5.81	20-01-2014
894	M/S. SJVN LTD., NEW SHIMLA, HIMACHAL PRADESH	Wind	0.85	20-01-2014	5.81	20-01-2014
895	M/S. SJVN LTD., NEW SHIMLA, HIMACHAL PRADESH	Wind	0.85	20-01-2014	5.81	20-01-2014
896	M/S. SJVN LTD., NEW SHIMLA, HIMACHAL PRADESH	Wind	0.85	20-01-2014	5.81	20-01-2014
897	M/S. SJVN LTD., NEW SHIMLA, HIMACHAL PRADESH	Wind	0.85	20-01-2014	5.81	20-01-2014
898	M/S. SJVN LTD., NEW SHIMLA, HIMACHAL PRADESH	Wind	0.85	20-01-2014	5.81	20-01-2014
899	M/S. SJVN LTD., NEW SHIMLA, HIMACHAL PRADESH	Wind	0.85	20-01-2014	5.81	20-01-2014
900	M/S. SJVN LTD., NEW SHIMLA, HIMACHAL PRADESH	Wind	0.85	20-01-2014	5.81	20-01-2014
901	M/S. SJVN LTD., NEW SHIMLA, HIMACHAL PRADESH	Wind	0.85	20-01-2014	5.81	20-01-2014
902	M/S. SJVN LTD., NEW SHIMLA, HIMACHAL PRADESH	Wind	0.85	20-01-2014	5.81	20-01-2014
903	M/S. SJVN LTD., NEW SHIMLA, HIMACHAL PRADESH	Wind	0.85	20-01-2014	5.81	20-01-2014
904	M/S. SJVN LTD., NEW SHIMLA, HIMACHAL PRADESH	Wind	0.85	20-01-2014	5.81	20-01-2014
905	M/S. SJVN LTD., NEW SHIMLA, HIMACHAL PRADESH	Wind	0.85	31-01-2014	5.81	31-01-2014
906	M/S. SJVN LTD., NEW SHIMLA, HIMACHAL PRADESH	Wind	0.85	31-01-2014	5.81	31-01-2014

	PRADESH					
907	M/S. SJVN LTD., NEW SHIMLA, HIMACHAL PRADESH	Wind	0.85	31-01-2014	5.81	31-01-2014
908	M/S. SJVN LTD., NEW SHIMLA, HIMACHAL PRADESH	Wind	0.85	31-01-2014	5.81	31-01-2014
909	M/S. SJVN LTD., NEW SHIMLA, HIMACHAL PRADESH	Wind	0.85	31-01-2014	5.81	31-01-2014
910	M/S. SJVN LTD., NEW SHIMLA, HIMACHAL PRADESH	Wind	0.85	31-01-2014	5.81	31-01-2014
911	M/S. SJVN LTD., NEW SHIMLA, HIMACHAL PRADESH	Wind	0.85	31-01-2014	5.81	31-01-2014
912	M/S. SJVN LTD., NEW SHIMLA, HIMACHAL PRADESH	Wind	0.85	31-01-2014	5.81	31-01-2014
913	M/S. SJVN LTD., NEW SHIMLA, HIMACHAL PRADESH	Wind	0.85	31-01-2014	5.81	31-01-2014
914	M/S. SJVN LTD., NEW SHIMLA, HIMACHAL PRADESH	Wind	0.85	31-01-2014	5.81	31-01-2014
915	M/S. SJVN LTD., NEW SHIMLA, HIMACHAL PRADESH	Wind	0.85	31-01-2014	5.81	31-01-2014
916	M/S. SJVN LTD., NEW SHIMLA, HIMACHAL PRADESH	Wind	0.85	31-01-2014	5.81	31-01-2014
917	M/S. SJVN LTD., NEW SHIMLA, HIMACHAL PRADESH	Wind	0.85	31-01-2014	5.81	31-01-2014
918	M/S. SJVN LTD., NEW SHIMLA, HIMACHAL PRADESH	Wind	0.85	31-01-2014	5.81	31-01-2014
919	M/S. SJVN LTD., NEW SHIMLA, HIMACHAL PRADESH	Wind	0.85	31-01-2014	5.81	31-01-2014
920	M/S. SJVN LTD., NEW SHIMLA, HIMACHAL PRADESH	Wind	0.85	31-01-2014	5.81	31-01-2014
921	M/S. SJVN LTD., NEW SHIMLA, HIMACHAL PRADESH	Wind	0.85	31-01-2014	5.81	31-01-2014
922	M/S. SJVN LTD., NEW SHIMLA, HIMACHAL PRADESH	Wind	0.85	20-02-2014	5.81	20-02-2014
923	M/S. SJVN LTD., NEW SHIMLA, HIMACHAL PRADESH	Wind	0.85	20-02-2014	5.81	20-02-2014
924	M/S. SJVN LTD., NEW SHIMLA, HIMACHAL PRADESH	Wind	0.85	20-02-2014	5.81	20-02-2014
925	M/S. SJVN LTD., NEW SHIMLA, HIMACHAL PRADESH	Wind	0.85	22-03-2014	5.81	22-03-2014
926	M/S. SJVN LTD., NEW SHIMLA, HIMACHAL PRADESH	Wind	0.85	22-03-2014	5.81	22-03-2014
927	M/S. SHINY GREEN ENERGY PVT. LTD.	Wind	0.85	03-07-2013	5.81	03-07-2013
928	M/S. SHINY GREEN ENERGY PVT. LTD.	Wind	0.85	03-07-2013	5.81	03-07-2013
929	M/S. V.R.SREEKUMARAN	Wind	0.85	29-03-2014	5.81	29-03-2014
930	M/S. SJVN LTD., NEW SHIMLA, HIMACHAL PRADESH	Wind	0.85	30-03-2014	5.81	30-03-2014
931	M/S. SJVN LTD., NEW SHIMLA, HIMACHAL PRADESH	Wind	0.85	30-03-2014	5.81	30-03-2014
932	M/S. SJVN LTD., NEW SHIMLA, HIMACHAL PRADESH	Wind	0.85	30-03-2014	5.81	30-03-2014
933	M/S. SJVN LTD., NEW SHIMLA, HIMACHAL PRADESH	Wind	0.85	30-03-2014	5.81	30-03-2014
934	M/S. SJVN LTD., NEW SHIMLA, HIMACHAL PRADESH	Wind	0.85	30-03-2014	5.81	30-03-2014
935	M/S. SJVN LTD., NEW SHIMLA, HIMACHAL PRADESH	Wind	0.85	30-03-2014	5.81	30-03-2014
936	M/S. SJVN LTD., NEW SHIMLA, HIMACHAL PRADESH	Wind	0.85	15-04-2014	5.70	15-04-2014
937	M/S. SJVN LTD., NEW SHIMLA, HIMACHAL PRADESH	Wind	0.85	15-04-2014	5.70	15-04-2014
938	M/S. SJVN LTD., NEW SHIMLA, HIMACHAL PRADESH	Wind	0.85	20-05-2014	5.70	20-05-2014
939	M/S. KWALITY TOBACO PRODUCTS	Wind	0.85	29-03-2014	5.81	29-03-2014
940	M/S. ARUNACHALAM RENEWABLE ENERGY PVT.LTD.	Wind	0.85	29-03-2014	5.81	29-03-2014
941	M/S. PARMARTH WIND ENERGY PVT.LTD	Wind	0.85	29-03-2014	5.81	29-03-2014
942	M/S. PARMARTH WIND ENERGY PVT.LTD	Wind	0.85	29-03-2014	5.81	29-03-2014
943	M/S. PARMARTH WIND ENERGY PVT.LTD	Wind	0.85	29-03-2014	5.81	29-03-2014
944	M/S. PARMARTH WIND ENERGY PVT.LTD	Wind	0.85	29-03-2014	5.81	29-03-2014
945	M/S. PARMARTH WIND ENERGY PVT.LTD	Wind	0.85	29-03-2014	5.81	29-03-2014
946	M/S. PARMARTH WIND ENERGY PVT.LTD	Wind	0.85	29-03-2014	5.81	29-03-2014
947	M/S. PARMARTH WIND ENERGY PVT.LTD	Wind	0.85	29-03-2014	5.81	29-03-2014
948	M/S. PARMARTH WIND ENERGY PVT.LTD	Wind	0.85	29-03-2014	5.81	29-03-2014
949	M/S. PARMARTH WIND ENERGY PVT.LTD	Wind	0.85	29-03-2014	5.81	29-03-2014
950	M/S. PARMARTH WIND ENERGY PVT.LTD	Wind	0.85	29-03-2014	5.81	29-03-2014
951	M/S. PARMARTH WIND ENERGY PVT.LTD	Wind	0.85	29-03-2014	5.81	29-03-2014
952	M/S. PARMARTH WIND ENERGY PVT.LTD	Wind	0.85	29-03-2014	5.81	29-03-2014

953	M/S. GARUDACHALAM POWER PVT.LTD.	Wind	0.85	29-03-2014	5.81	29-03-2014
954	M/S. RAJALAKSHMI MINERALS	Wind	0.85	29-03-2014	5.81	29-03-2014
955	M/S. RAJALAKSHMI MINERALS	Wind	0.85	29-03-2014	5.81	29-03-2014
956	M/S. RAJALAKSHMI MINERALS	Wind	0.85	29-03-2014	5.81	29-03-2014
957	M/S. RAJALAKSHMI MINERALS	Wind	0.85	29-03-2014	5.81	29-03-2014
958	M/S.S. KUMAR	Wind	0.85	31-03-2015	5.33	31-03-2015
959	M/S.VIJAYEEBHAVA ENTERPRISES PVT.LTD.	Wind	0.85	30-04-2015	5.70	30-04-2015
960	P V CHANDRAN	Wind	0.80	08-02-2023	2.65	08-02-2023
961	M/S . CLP WIND FARMS(INDIA) PVT. LTD	Wind	0.8	19-08-2011	5.37	19-08-2011
962	M/S . CLP WIND FARMS(INDIA) PVT. LTD	Wind	0.8	19-08-2011	5.37	19-08-2011
963	10) SAHYADRI INDUSTRIES LTD.(CHW10)	Wind	0.8	30-09-2011	4.56	30-09-2011
964	13) VANAZ ENGINEERS LTD.(CHW13)	Wind	0.8	30-12-2011	4.56	30-12-2011
965	11) V V PATEL(CHW11)	Wind	0.8	30-09-2011	4.56	30-09-2011
966	12) P L PATEL(CHW12)	Wind	0.8	30-09-2011	4.56	30-09-2011
967	M/S . CLP WIND FARMS(INDIA) PVT. LTD	Wind	0.8	31-10-2011	5.37	31-10-2011
968	M/S . CLP WIND FARMS(INDIA) PVT. LTD	Wind	0.8	18-10-2011	5.37	18-10-2011
969	M/S . CLP WIND FARMS(INDIA) PVT. LTD	Wind	0.8	18-10-2011	5.37	18-10-2011
970	M/S . CLP WIND FARMS(INDIA) PVT. LTD	Wind	0.8	18-10-2011	5.37	18-10-2011
971	M/S . CLP WIND FARMS(INDIA) PVT. LTD	Wind	0.8	18-10-2011	5.37	18-10-2011
972	M/S . CLP WIND FARMS(INDIA) PVT. LTD	Wind	0.8	18-10-2011	5.37	18-10-2011
973	M/S . CLP WIND FARMS(INDIA) PVT. LTD	Wind	0.8	18-10-2011	5.37	18-10-2011
974	M/S . CLP WIND FARMS(INDIA) PVT. LTD	Wind	0.8	18-10-2011	5.37	18-10-2011
975	M/S . CLP WIND FARMS(INDIA) PVT. LTD	Wind	0.8	18-10-2011	5.37	18-10-2011
976	M/S . CLP WIND FARMS(INDIA) PVT. LTD	Wind	0.8	18-10-2011	5.37	18-10-2011
977	M/S . CLP WIND FARMS(INDIA) PVT. LTD	Wind	0.8	18-10-2011	5.37	18-10-2011
978	M/S . CLP WIND FARMS(INDIA) PVT. LTD	Wind	0.8	31-10-2011	5.37	31-10-2011
979	M/S . CLP WIND FARMS(INDIA) PVT. LTD	Wind	0.8	31-10-2011	5.37	31-10-2011
980	M/S . CLP WIND FARMS(INDIA) PVT. LTD	Wind	0.8	31-10-2011	5.37	31-10-2011
981	15) SKP BEARING INDUSTRIES(CHW15)	Wind	0.8	30-12-2011	5.37	30-12-2011
982	14) RATNAM ENTERPRISES(CHW14)	Wind	0.8	30-12-2011	4.56	30-12-2011
983	M/S . CLP WIND FARMS(INDIA) PVT. LTD	Wind	0.8	12-12-2011	5.37	12-12-2011
984	M/S . CLP WIND FARMS(INDIA) PVT. LTD	Wind	0.8	12-12-2011	5.37	12-12-2011
985	M/S . CLP WIND FARMS(INDIA) PVT. LTD	Wind	0.8	12-12-2011	5.37	12-12-2011
986	M/S . CLP WIND FARMS(INDIA) PVT. LTD	Wind	0.8	12-12-2011	5.37	12-12-2011
987	M/S . CLP WIND FARMS(INDIA) PVT. LTD	Wind	0.8	12-12-2011	5.37	12-12-2011
988	M/S . CLP WIND FARMS(INDIA) PVT. LTD	Wind	0.8	12-12-2011	5.37	12-12-2011
989	M/S . CLP WIND FARMS(INDIA) PVT. LTD	Wind	0.8	12-12-2011	5.37	12-12-2011
990	M/S . CLP WIND FARMS(INDIA) PVT. LTD	Wind	0.8	12-12-2011	5.37	12-12-2011
991	M/S . CLP WIND FARMS(INDIA) PVT. LTD	Wind	0.8	12-12-2011	5.37	12-12-2011
992	M/S . CLP WIND FARMS(INDIA) PVT. LTD	Wind	0.8	12-12-2011	5.37	12-12-2011
993	M/S . CLP WIND FARMS(INDIA) PVT. LTD	Wind	0.8	12-12-2011	5.37	12-12-2011
994	M/S . CLP WIND FARMS(INDIA) PVT. LTD	Wind	0.8	12-12-2011	5.37	12-12-2011
995	M/S . CLP WIND FARMS(INDIA) PVT. LTD	Wind	0.8	12-12-2011	5.37	12-12-2011
996	M/S . CLP WIND FARMS(INDIA) PVT. LTD	Wind	0.8	12-12-2011	5.37	12-12-2011
997	M/S . CLP WIND FARMS(INDIA) PVT. LTD	Wind	0.8	12-12-2011	5.37	12-12-2011
998	M/S . CLP WIND FARMS(INDIA) PVT. LTD	Wind	0.8	12-12-2011	5.37	12-12-2011
999	M/S . CLP WIND FARMS(INDIA) PVT. LTD	Wind	0.8	12-12-2011	5.37	12-12-2011
1000	M/S . CLP WIND FARMS(INDIA) PVT. LTD	Wind	0.8	12-12-2011	5.37	12-12-2011
1001	M/S . CLP WIND FARMS(INDIA) PVT. LTD	Wind	0.8	07-01-2012	5.37	07-01-2012
1002	M/S . CLP WIND FARMS(INDIA) PVT. LTD	Wind	0.8	28-12-2011	5.37	28-12-2011
1003	M/S . CLP WIND FARMS(INDIA) PVT. LTD	Wind	0.8	28-12-2011	5.37	28-12-2011
1004	M/S . CLP WIND FARMS(INDIA) PVT. LTD	Wind	0.8	28-12-2011	5.37	28-12-2011
1005	M/S . CLP WIND FARMS(INDIA) PVT. LTD	Wind	0.8	28-12-2011	5.37	28-12-2011
1006	M/S . CLP WIND FARMS(INDIA) PVT. LTD	Wind	0.8	28-12-2011	5.37	28-12-2011
1007	M/S . CLP WIND FARMS(INDIA) PVT. LTD	Wind	0.8	28-12-2011	5.37	28-12-2011
1008	M/S . CLP WIND FARMS(INDIA) PVT. LTD	Wind	0.8	28-12-2011	5.37	28-12-2011
1009	M/S . CLP WIND FARMS(INDIA) PVT. LTD	Wind	0.8	28-12-2011	5.37	28-12-2011
1010	M/S . CLP WIND FARMS(INDIA) PVT. LTD	Wind	0.8	28-12-2011	5.37	28-12-2011
1011	M/S . CLP WIND FARMS(INDIA) PVT. LTD	Wind	0.8	28-12-2011	5.37	28-12-2011
1012	M/S . CLP WIND FARMS(INDIA) PVT. LTD	Wind	0.8	28-12-2011	5.37	28-12-2011
1013	M/S . CLP WIND FARMS(INDIA) PVT. LTD	Wind	0.8	28-12-2011	5.37	28-12-2011
1014	M/S . CLP WIND FARMS(INDIA) PVT. LTD	Wind	0.8	07-01-2012	5.37	07-01-2012
1015	M/S . CLP WIND FARMS(INDIA) PVT. LTD	Wind	0.8	07-01-2012	5.37	07-01-2012
1016	M/S . CLP WIND FARMS(INDIA) PVT. LTD	Wind	0.8	07-01-2012	5.37	07-01-2012
1017	M/S . CLP WIND FARMS(INDIA) PVT. LTD	Wind	0.8	07-01-2012	5.37	07-01-2012
1018	M/S . CLP WIND FARMS(INDIA) PVT. LTD	Wind	0.8	07-01-2012	5.37	07-01-2012
1019	M/S . CLP WIND FARMS(INDIA) PVT. LTD	Wind	0.8	07-01-2012	5.37	07-01-2012
1020	M/S . CLP WIND FARMS(INDIA) PVT. LTD	Wind	0.8	07-01-2012	5.37	07-01-2012
1021	M/S . CLP WIND FARMS(INDIA) PVT. LTD	Wind	0.8	07-01-2012	5.37	07-01-2012
1022	M/S . CLP WIND FARMS(INDIA) PVT. LTD	Wind	0.8	07-01-2012	5.37	07-01-2012
1023	M/S . CLP WIND FARMS(INDIA) PVT. LTD	Wind	0.8	07-01-2012	5.37	07-01-2012
1024	M/S . CLP WIND FARMS(INDIA) PVT. LTD	Wind	0.8	07-01-2012	5.37	07-01-2012
1025	M/S . CLP WIND FARMS(INDIA) PVT. LTD	Wind	0.8	07-01-2012	5.37	07-01-2012
1026	M/S . CLP WIND FARMS(INDIA) PVT. LTD	Wind	0.8	07-01-2012	5.37	07-01-2012
1027	M/S . CLP WIND FARMS(INDIA) PVT. LTD	Wind	0.8	07-01-2012	5.37	07-01-2012
1028	M/S . CLP WIND FARMS(INDIA) PVT. LTD	Wind	0.8	07-01-2012	5.37	07-01-2012





1105	M/S. LALPUR WIND ENERGY PVT LTD.,MUMBAI	Wind	0.8	17-11-2014	5.70	17-11-2014
1106	M/S. LALPUR WIND ENERGY PVT LTD.,MUMBAI	Wind	0.8	17-11-2014	5.70	17-11-2014
1107	M/S. LALPUR WIND ENERGY PVT LTD.,MUMBAI	Wind	0.8	17-11-2014	5.70	17-11-2014
1108	M/S. LALPUR WIND ENERGY PVT LTD.,MUMBAI	Wind	0.8	17-11-2014	5.70	17-11-2014
1109	M/S. LALPUR WIND ENERGY PVT LTD.,MUMBAI	Wind	0.8	17-11-2014	5.70	17-11-2014
1110	M/S. LALPUR WIND ENERGY PVT LTD.,MUMBAI	Wind	0.8	17-11-2014	5.70	17-11-2014
1111	M/S. LALPUR WIND ENERGY PVT LTD.,MUMBAI	Wind	0.8	17-11-2014	5.70	17-11-2014
1112	KHANDKE WIND ENERGY PVT.LTD.(D1)	Wind	0.8	30-01-2015	5.70	30-01-2015
1113	M/S. LALPUR WIND ENERGY PVT LTD.,MUMBAI	Wind	0.8	27-06-2014	5.7	27-06-2014
1114	M/S. LALPUR WIND ENERGY PVT LTD.,MUMBAI	Wind	0.8	27-06-2014	5.7	27-06-2014
1115	MORRIES ENERY LTD	Wind	0.75	16-01-2024	2.65	16-01-2024
1116	Vostok Fareast Securities Private Limited	Wind	0.60	16-06-2022	2.65	16-06-2022
1117	Bengal Cardboard Industries & Printers Private Limited	Wind	0.60	16-06-2022	2.65	16-06-2022
1118	Silverline Investment Company Private Limited	Wind	0.60	16-06-2022	2.65	16-06-2022
1119	Oswal Cables Private Limited	Wind	0.60	16-01-2024	2.65	16-01-2024
1120	Ms. Geeta Rani Agrawal	Wind	0.60	08-01-2024	2.65	08-01-2024
1121	Ms. Venkateswara Wires Private Limited	Wind	0.60	03-01-2024	2.65	03-01-2024
1122	Elektrolites Power Pvt Ltd	Wind	0.60	12-01-2024	2.65	12-01-2024
1123	GODAVARI CORPORATION PVT LTD	Wind	0.60	11-01-2024	2.65	11-01-2024
1124	S G Assocites	Wind	0.60	09-01-2024	2.65	09-01-2024
1125	Pradeep Bandhu	Wind	0.60	04-01-2024	2.65	04-01-2024
1126	SAGAR POWERTEX PRIVATE LIMITED	Wind	0.60	10-01-2024	2.65	10-01-2024
1127	AD-MANUM FINANCE LIMITED	Wind	0.60	11-01-2024	2.65	11-01-2024
1128	11)ASIAN RADIO HOUSE ( S 60)	Wind	0.6	29-09-2011	4.56	29-09-2011
1129	14)BHANU CEMENT PIPE INDUSTRIES. ( S 81)	Wind	0.6	30-09-2011	4.56	30-09-2011
1130	Kubera Rice Mills Pvt. Ltd	Wind	0.6	31-03-2012	4.56	31-03-2012
1131	Bhivate Rice Mills Pvt.	Wind	0.6	31-03-2012	4.56	31-03-2012
1132	New Pashchim Maharashtra Patra Depot,	Wind	0.6	31-03-2012	4.56	31-03-2012
1133	Alto Power & Energy (India) Pvt. Ltd.	Wind	0.6	31-03-2012	5.37	31-03-2012
1134	12) M/S DRUG HOUSE(M02)	Wind	0.6	31-03-2012	3.96	31-03-2012
1135	2) M/S NAVALAKHA TRANSLINES (G05)	Wind	0.6	17-05-2012	4.93	17-05-2012
1136	22)OVERSEAS TRADERS(NI32)	Wind	0.6	01-07-2012	5.67	01-07-2012
1137	23)USHAKAL NURSING HOME(NI33)	Wind	0.6	11-07-2012	5.67	11-07-2012
1138	3) DR. K H SANCHETI (S04)	Wind	0.6	31-03-2013	4.93	31-03-2013
1139	19)BABASAHEB B. GUNJATE (S 35)	Wind	0.6	17-04-2013	5.81	17-04-2013
1140	15) ASIAN RADIO HOUSE (S 82)	Wind	0.6	21-05-2013	5.81	21-05-2013
1141	20)RAYSONS MARKETING PVT.LTD. (S 34)	Wind	0.6	24-05-2013	5.81	24-05-2013
1142	17) SHRI GAJLAXMI INDUSTRIES (HUF) (S91)	Wind	0.6	04-06-2013	5.81	04-06-2013
1143	16) BALKRISHNA SIZING INDUSTRIES( S89)	Wind	0.6	14-06-2013	5.81	14-06-2013
1144	18) ALTO POWER & ENERGY (INDIA) PVT.LTD. (S84)	Wind	0.6	30-06-2013	5.81	30-06-2013
1145	21) PRAKASH CONSTRUCTION( S 47)	Wind	0.6	08-01-2014	5.81	08-01-2014
1146	Quantum Equipment Co Ltd	Wind	0.50	10-01-2024	2.65	10-01-2024
1147	21)GHATGE PATIL CONSULTANCY (NI31)	Wind	0.25	29-09-2011	3.96	29-09-2011
1148	THERMOTECH ENGINEERING ( PUNE) PVT. LTD.	Wind	0.25	31-03-2012	4.56	31-03-2012
1149	SWANI RUBBER INDUSTRIES	Wind	0.25	31-03-2012	4.56	31-03-2012
1150	SWANI CORPORATION	Wind	0.25	31-03-2012	4.56	31-03-2012
1151	SAMPATTI INDUSTRIES	Wind	0.25	31-03-2012	4.56	31-03-2012
1152	K.R. PATEL & CO.	Wind	0.25	31-03-2012	5.37	31-03-2012
1153	SAHAJ CORPORATES PUNE	Wind	0.25	02-04-2012	5.67	02-04-2012
1154	M/S SHIV RENEWABLE ENERGY PVT. LTD.	Wind	0.25	17-10-2012	5.67	17-10-2012
1155	M/S SHIV RENEWABLE ENERGY PVT. LTD.	Wind	0.25	18-07-2012	5.67	18-07-2012
1156	M/S SHIV RENEWABLE ENERGY PVT. LTD.	Wind	0.25	18-07-2012	5.67	18-07-2012
1157	M/S SHIV RENEWABLE ENERGY PVT. LTD.	Wind	0.25	18-07-2012	5.67	18-07-2012
1158	M/S SHIV RENEWABLE ENERGY PVT. LTD.	Wind	0.25	18-07-2012	5.67	18-07-2012
1159	M/S SHIV RENEWABLE ENERGY PVT. LTD.	Wind	0.25	18-07-2012	5.67	18-07-2012
1160	M/S SHIV RENEWABLE ENERGY PVT. LTD.	Wind	0.25	18-07-2012	5.67	18-07-2012
1161	M/S SHIV RENEWABLE ENERGY PVT. LTD.	Wind	0.25	18-07-2012	5.67	18-07-2012
1162	M/S SHIV RENEWABLE ENERGY PVT. LTD.	Wind	0.25	18-07-2012	5.67	18-07-2012
1163	M/S SHIV RENEWABLE ENERGY PVT. LTD.	Wind	0.25	18-07-2012	5.67	18-07-2012
1164	M/S SHIV RENEWABLE ENERGY PVT. LTD.	Wind	0.25	18-07-2012	5.67	18-07-2012
1165	M/S R.K. SUNDRAM JODHPUR	Wind	0.25	17-10-2012	5.67	17-10-2012
1166	MRS. DROUPADI POONAMRAM CHOUDHARY	Wind	0.25	17-10-2012	5.67	17-10-2012
1167	M/S R.K. SUNDRAM JODHPUR	Wind	0.25	22-11-2012	5.67	22-11-2012
1168	M/S RICHA TEXTILES.	Wind	0.25	19-06-2014	5.70	19-06-2014

Sr. No.	Name of Generating Stations	Resource Type	Allocated Capacity (MW)	Commissioning Year/Expected date of COD	Fixed Cost (Rs/kW/yr.)	Date of signing of PPA
	<b>Solar</b>					
1	MSPGCL	Solar	1.00	20-04-2010	3.00	31-08-2009
2	Dr.Babasaheb Amedkar SSKL	Solar	1.00	16-08-2011	18.41	20-08-2010
3	Clover Solar Pvt.Ltd	Solar	2.00	10-10-2011	17.91	15-10-2010
4	Videocon Industries	Solar	5.00	14-10-2011	17.91	15-10-2010
5	MSPGCL	Solar	4.00	16-10-2011	17.91	15-10-2010
6	Sepset Constructions Ltd	Solar	2.00	16-11-2011	18.41	20-08-2010
7	Citra Real Estate Ltd	Solar	2.00	16-11-2011	18.41	20-08-2010
8	Firestone Trading Company Pvt.Ltd	Solar	5.00	06-11-2012	8.73	05-01-2012
9	Sai Baba Green Energy Power projects Pvt.Ltd	Solar	5.00	11-02-2013	17.91	05-01-2012
10	MSPGCL	Solar	125.00	02-04-2013	17.91	05-01-2011
11	MSPGCL	Solar	50.00	31-03-2015	10.95	31-08-2013
12	Vishwaj Energy Pvt.Ltd	Solar	10.00	28-04-2015	8.98	15-12-2014
13	Sharda Constructions and corporations Ltd	Solar	10.00	28-05-2015	8.98	15-12-2014
14	Sunil Hitech Solar (Dhule ) Pvt.Ltd	Solar	5.00	29-06-2015	5.5	15-12-2014
15	IL&FS Development Co.Ltd	Solar	15.00	01-11-2015	5.5	15-12-2014
16	Today green Energy Pvt.Ltd	Solar	10.00	01-11-2015	5.5	15-12-2014
17	Sepset Constructions Limited	Solar	40.00	08-05-2017	4.5	04-11-2016
18	Orange Suvaan Energy Private Limited	Solar	100.00	16-06-2017	4.5	04-11-2016
19	BHAGERIA INDUSTRIES LIMITED	Solar	30.00	17-06-2017	5.5	04-11-2016
20	NVR Mahasolar Pvt Ltd	Solar	50.00	15-07-2017	4.5	04-11-2016
21	Talettutayi Solar Projects Four Private Limited	Solar	50.00	05-08-2017	5.5	04-11-2016
22	KRISHNA WINDFARMS DEVELOPERS PVT. LTD.	Solar	10.00	11-08-2017	4.5	04-11-2016
23	Tornado Solarfarms Private Limited	Solar	20.00	10-10-2017	4.5	04-11-2016
24	Tata Power Renewable Energy Limited	Solar	30.00	28-10-2017	4.5	04-11-2016
25	RajBhavan	Solar	1.00	15-11-2017	4.5	06-10-2018
26	Gale Solarfarms Private limited	Solar	50.00	10-01-2018	4.5	04-11-2016
27	VIJAY PRINTING PRESS PRIVATE LIMITED	Solar	10.00	24-01-2018	4.5	01-12-2016
28	SUKHBIR AGRO ENERGY LIMITED	Solar	20.00	24-01-2018	4.5	01-12-2016
29	Parampujya Solar Energy Private Limited	Solar	20.00	22-02-2018	4.5	04-11-2016
30	Lightsource Renewable Energy Holdings Ltd.	Solar	50.00	08-03-2018	4.5	01-12-2016
31	Solar Edge Power and Energy Private Limited	Solar	80.00	23-03-2018	4.5	01-12-2016
32	Solar Edge Power and Energy Private Limited	Solar	50.00	27-03-2018	4.5	01-12-2016
33	Fermi Solar Farms Pvt.Ltd (CANADIAN SOLAR ENERGY HOLDING SINGAPORE 2 PTE. LTD.)	Solar	80.00	14-04-2018	4.5	01-12-2016
34	Avaada Energy Pvt Ltd	Solar	28.00	16-04-2018	4.5	04-11-2016
35	M/s. JBM Solar Energy Pvt. Ltd. (M/s. Neel Metal Products Ltd.)	Solar	100.00	18-04-2018	4.5	01-12-2016
36	M/s. MH Parbhani Power Private Limited.	Solar	40.00	23-12-2018	4.5	01-12-2016
37	M/s. Flexirural Urja Jalgaon Limited(Essel Green Energy Private Limited)	Solar	20.00	23-12-2018	4.5	01-12-2016
38	M/s. Adani Renewable Energy (RJ) Limited	Solar	200	21-08-2019	2.71	27-07-2018
39	Tata Power Renewable Energy Ltd	Solar	150	30-08-2019	2.72	27-07-2018
40	M/s Azure Power Thirty Four Pvt. Ltd	Solar	130	06-09-2019	2.72	30-07-2018
41	Renew Solar Power Pvt. Ltd.	Solar	250	27-10-2019	2.72	27-07-2018
42	M/s.MH Technique Solaire India Pvt. Ltd	Solar	20	17-12-2019	2.71	27-07-2018
43	M/s. ACME Chittorgarh Solar Energy Pvt. Ltd	Solar	250	01-01-2020	2.72	27-07-2018
44	M/s.Renew Sun Bright Pvt.Ltd	Solar	300	15-11-2021	2.75	26-06-2019
45	MSPGCL	Solar	50	26-02-2022	2.92	21-11-2019
46	M/s.Avaada Sunce Energy Pvt.Ltd	Solar	350	08-04-2022	2.75	26-06-2019
47	ACME Heergarh Powertech Private Limited	Solar	300	23-05-2022	2.74	22-08-2019
48	TP Kirnali Ltd	Solar	100	26-05-2022	2.90	16-09-2020
49	M/s. Juniper Green Field Private Limited	Solar	150	08-08-2022	2.89	18-09-2020
50	M/s.Avaada MH Sustainable Pvt.Ltd	Solar	250	03-11-2022	2.45 (Ad-Hoc rate)	10-08-2021
51	Maharashtra State Power Generation Co.Ltd	Solar	250	FY 2024-25 Expected	2.58	11-01-2022
52	ACME Sikar Pvt Ltd	Solar	300	FY 2024-25 Expected	2.42	04-04-2022

53	ReNew Dinkar urja Pvt.Ltd	Solar	200	FY 2024-25 Expected	2.43	04-04-2022
54	Avaada Sunenergy Pvt. Ltd	Solar	25	FY 2024-25 Expected	2.91	22-06-2023
55	SJVN Green Energy Ltd	Solar	200	FY 2024-25 Expected	2.90	04-07-2023
56	Juniper Green Gamma One Pvt.Ltd	Solar	75	FY 2024-25 Expected	2.90	04-07-2023
57	Tata Power Renewable Energy Ltd	Solar	150	FY 2024-25 Expected	2.91	04-07-2023
58	Krishita Multitrade Pvt.Ltd	Solar	50	FY 2026-27 Expected	2.74	24-10-2019
59	SAEL RE Power Pvt.Ltd	Solar	50	FY 2026-27 Expected	2.91	04-07-2023
60	SJVN Green Energy Ltd	Solar	200	FY 2026-27 Expected	2.90	01-08-2023
61	Tata Power Renewable Energy Ltd	Solar	200	FY 2026-27 Expected	2.90	01-08-2023
62	Taletutuyi Solar Projects Eight Private Limited	Solar	100	FY 2026-27 Expected	2.90	01-08-2023
63	Hazel Hybren Private Ltd (Capacity 300 MW)	Solar	25	FY 2026-27 Expected	2.60	07-03-2024
64	Jakson Ltd (Capacity 400 MW)	Solar	400	FY 2026-27 Expected	2.60	07-03-2024
65	Sprng Energy Private Ltd (Capacity 250 MW)	Solar	250	FY 2026-27 Expected	2.60	07-03-2024
66	Green Infra Wind Energy Ltd (Capacity 300 MW)	Solar	300	FY 2026-27 Expected	2.60	07-03-2024
67	Apraava Energy Pvt.Ltd (Capacity 250 MW)	Solar	250	FY 2026-27 Expected	2.60	07-03-2024
68	Hinduja Renewables Energy Pvt.Ltd(Capacity 250 MW)	Solar	250	FY 2026-27 Expected	2.60	07-03-2024
69	Anboto Solar Pvt.Ltd	Solar	300	FY 2026-27 Expected	2.53	13-08-2024
70	Apraava Energy Private Limited	Solar	300	FY 2026-27 Expected	2.6	05-09-2024
71	EESL	Solar (EESL)	0.715	31-08-2018	3.00	20-01-2018
72	EESL	Solar (EESL)	0.5	14-09-2018	3.00	20-01-2018
73	EESL	Solar (EESL)	0.52	20-09-2018	3.00	20-01-2018
74	EESL	Solar (EESL)	0.715	02-12-2018	3.00	20-01-2018
75	EESL	Solar (EESL)	1.17	04-12-2018	3.00	20-01-2018
76	EESL	Solar (EESL)	0.5	18-12-2018	3.00	20-01-2018
77	EESL	Solar (EESL)	0.515	19-12-2018	3.00	20-01-2018
78	EESL	Solar (EESL)	0.7	28-12-2018	3.00	20-01-2018
79	EESL	Solar (EESL)	0.715	30-12-2018	3.00	20-01-2018
80	EESL	Solar (EESL)	0.78	31-12-2018	3.00	20-01-2018
81	EESL	Solar (EESL)	0.585	23-01-2019	3.00	20-01-2018
82	EESL	Solar (EESL)	0.455	02-02-2019	3.00	20-01-2018
83	EESL	Solar (EESL)	0.78	04-02-2019	3.00	20-01-2018
84	EESL	Solar (EESL)	0.585	23-02-2019	3.00	20-01-2018
85	EESL	Solar (EESL)	1	25-02-2019	3.00	20-01-2018
86	EESL	Solar (EESL)	1.56	26-02-2019	3.00	20-01-2018
87	EESL	Solar (EESL)	0.5	01-05-2019	3.00	20-01-2018
88	EESL	Solar (EESL)	1	01-05-2019	3.00	20-01-2018
89	EESL	Solar (EESL)	0.54	16-05-2019	3.00	20-01-2018
90	EESL	Solar (EESL)	0.63	16-05-2019	3.00	20-01-2018
91	EESL	Solar (EESL)	0.715	30-05-2019	3.00	20-01-2018
92	EESL	Solar (EESL)	0.63	03-06-2019	3.00	20-01-2018
93	EESL	Solar (EESL)	0.5	04-06-2019	3.00	20-01-2018
94	EESL	Solar (EESL)	0.63	05-06-2019	3.00	20-01-2018
95	EESL	Solar (EESL)	1	11-06-2019	3.00	20-01-2018
96	EESL	Solar (EESL)	0.715	11-06-2019	3.00	20-01-2018
97	EESL	Solar (EESL)	0.8	12-06-2019	3.00	20-01-2018
98	EESL	Solar (EESL)	1	13-06-2019	3.00	20-01-2018
99	EESL	Solar (EESL)	0.585	16-06-2019	3.00	20-01-2018
100	EESL	Solar (EESL)	0.585	06-07-2019	3.00	20-01-2018
101	EESL	Solar (EESL)	0.595	09-07-2019	3.00	20-01-2018
102	EESL	Solar (EESL)	0.455	09-07-2019	3.00	20-01-2018
103	EESL	Solar (EESL)	0.839	10-07-2019	3.00	20-01-2018
104	EESL	Solar (EESL)	0.49	16-07-2019	3.00	20-01-2018
105	EESL	Solar (EESL)	0.455	17-07-2019	3.00	20-01-2018
106	EESL	Solar (EESL)	1	18-07-2019	3.00	20-01-2018
107	EESL	Solar (EESL)	0.585	26-07-2019	3.00	20-01-2018
108	EESL	Solar (EESL)	0.49	07-08-2019	3.00	20-01-2018
109	EESL	Solar (EESL)	0.5	29-08-2019	3.00	20-01-2018
110	EESL	Solar (EESL)	0.56	17-09-2019	3.00	20-01-2018
111	EESL	Solar (EESL)	0.42	20-09-2019	3.00	20-01-2018
112	EESL	Solar (EESL)	5.39	26-09-2019	3.00	20-01-2018
113	EESL	Solar (EESL)	0.63	02-10-2019	3.00	20-01-2018
114	EESL	Solar (EESL)	0.5	05-10-2019	3.00	20-01-2018
115	EESL	Solar (EESL)	0.715	11-10-2019	3.00	20-01-2018
116	EESL	Solar (EESL)	1	19-10-2019	3.00	20-01-2018
117	EESL	Solar (EESL)	0.455	18-11-2019	3.00	20-01-2018
118	EESL	Solar (EESL)	0.91	25-11-2019	3.00	20-01-2018
119	EESL	Solar (EESL)	0.42	26-11-2019	3.00	20-01-2018
120	EESL	Solar (EESL)	0.5	27-11-2019	3.00	20-01-2018
121	EESL	Solar (EESL)	0.63	03-12-2019	3.00	20-01-2018
122	EESL	Solar (EESL)	0.65	06-12-2019	3.00	20-01-2018

123	EESL	Solar (EESL)	0.8	14-12-2019	3.00	20-01-2018
124	EESL	Solar (EESL)	0.48	14-12-2019	3.00	20-01-2018
125	EESL	Solar (EESL)	0.4	16-12-2019	3.00	20-01-2018
126	EESL	Solar (EESL)	0.45	16-12-2019	3.00	20-01-2018
127	EESL	Solar (EESL)	0.85	16-12-2019	3.00	20-01-2018
128	EESL	Solar (EESL)	0.715	19-12-2019	3.00	20-01-2018
129	EESL	Solar (EESL)	0.63	19-12-2019	3.00	20-01-2018
130	EESL	Solar (EESL)	1	20-12-2019	3.00	20-01-2018
131	EESL	Solar (EESL)	0.49	23-12-2019	3.00	20-01-2018
132	EESL	Solar (EESL)	0.399	24-12-2019	3.00	20-01-2018
133	EESL	Solar (EESL)	0.4	26-12-2019	3.00	20-01-2018
134	EESL	Solar (EESL)	2.24	04-01-2020	3.00	20-01-2018
135	EESL	Solar (EESL)	1	08-01-2020	3.00	20-01-2018
136	EESL	Solar (EESL)	0.85	08-01-2020	3.00	20-01-2018
137	EESL	Solar (EESL)	0.59	09-01-2020	3.00	20-01-2018
138	EESL	Solar (EESL)	0.648	10-01-2020	3.00	20-01-2018
139	EESL	Solar (EESL)	0.52	14-01-2020	3.00	20-01-2018
140	EESL	Solar (EESL)	2.61	25-01-2020	3.00	20-01-2018
141	EESL	Solar (EESL)	2.725	25-01-2020	3.00	20-01-2018
142	EESL	Solar (EESL)	1	11-02-2020	3.00	20-01-2018
143	EESL	Solar (EESL)	0.48	18-02-2020	3.00	20-01-2018
144	EESL	Solar (EESL)	0.48	18-02-2020	3.00	20-01-2018
145	EESL	Solar (EESL)	0.56	19-02-2020	3.00	20-01-2018
146	EESL	Solar (EESL)	2.138	27-05-2020	3.00	20-01-2018
147	EESL	Solar (EESL)	0.32	08-06-2020	3.00	20-01-2018
148	EESL	Solar (EESL)	0.4	16-06-2020	3.00	20-01-2018
149	EESL	Solar (EESL)	0.32	17-06-2020	3.00	20-01-2018
150	EESL	Solar (EESL)	0.32	22-06-2020	3.00	20-01-2018
151	EESL	Solar (EESL)	0.5	22-06-2020	3.00	20-01-2018
152	EESL	Solar (EESL)	1.6	23-06-2020	3.00	20-01-2018
153	EESL	Solar (EESL)	0.63	24-06-2020	3.00	20-01-2018
154	EESL	Solar (EESL)	0.63	27-06-2020	3.00	20-01-2018
155	EESL	Solar (EESL)	2.5	29-06-2020	3.00	20-01-2018
156	EESL	Solar (EESL)	2.25	30-06-2020	3.00	20-01-2018
157	EESL	Solar (EESL)	0.422	31-07-2020	3.00	20-01-2018
158	EESL	Solar (EESL)	3.786	07-08-2020	3.00	20-01-2018
159	EESL	Solar (EESL)	0.4	08-08-2020	3.00	20-01-2018
160	EESL	Solar (EESL)	0.4	12-08-2020	3.00	20-01-2018
161	EESL	Solar (EESL)	0.4	13-08-2020	3.00	20-01-2018
162	EESL	Solar (EESL)	0.43	15-08-2020	3.00	20-01-2018
163	EESL	Solar (EESL)	0.56	17-08-2020	3.00	20-01-2018
164	EESL	Solar (EESL)	2	31-08-2020	3.00	20-01-2018
165	EESL	Solar (EESL)	0.5	01-09-2020	3.00	20-01-2018
166	EESL	Solar (EESL)	2.612	05-09-2020	3.00	20-01-2018
167	EESL	Solar (EESL)	0.32	07-09-2020	3.00	20-01-2018
168	EESL	Solar (EESL)	1.52	22-09-2020	3.00	20-01-2018
169	EESL	Solar (EESL)	0.32	26-09-2020	3.00	20-01-2018
170	EESL	Solar (EESL)	2.2	02-10-2020	3.00	20-01-2018
171	EESL	Solar (EESL)	4.4	02-10-2020	3.00	20-01-2018
172	EESL	Solar (EESL)	0.345	09-10-2020	3.00	20-01-2018
173	EESL	Solar (EESL)	0.64	11-10-2020	3.00	20-01-2018
174	EESL	Solar (EESL)	0.32	17-10-2020	3.00	20-01-2018
175	EESL	Solar (EESL)	0.314	22-10-2020	3.00	20-01-2018
176	EESL	Solar (EESL)	0.64	02-11-2020	3.00	20-01-2018
177	EESL	Solar (EESL)	0.84	07-11-2020	3.00	20-01-2018
178	EESL	Solar (EESL)	0.32	08-11-2020	3.00	20-01-2018
179	EESL	Solar (EESL)	0.40	09-11-2020	3.00	20-01-2018
180	EESL	Solar (EESL)	0.40	21-11-2020	3.00	20-01-2018
181	EESL	Solar (EESL)	6.40	10-12-2020	3.00	20-01-2018
182	EESL	Solar (EESL)	0.42	28-12-2020	3.00	20-01-2018
183	EESL	Solar (EESL)	0.46	30-12-2020	3.00	20-01-2018
184	EESL	Solar (EESL)	0.32	30-12-2020	3.00	20-01-2018
185	EESL	Solar (EESL)	0.32	30-12-2020	3.00	20-01-2018
186	EESL	Solar (EESL)	0.538	05-01-2021	3.00	20-01-2018
187	EESL	Solar (EESL)	0.4	15-01-2021	3.00	20-01-2018
188	EESL	Solar (EESL)	0.48	25-01-2021	3.00	20-01-2018
189	EESL	Solar (EESL)	0.438	29-01-2021	3.00	20-01-2018
190	EESL	Solar (EESL)	2.42	17-02-2021	3.00	20-01-2018
191	EESL	Solar (EESL)	0.4	17-02-2021	3.00	20-01-2018
192	EESL	Solar (EESL)	0.373	11-03-2021	3.00	20-01-2018
193	EESL	Solar (EESL)	0.4	23-03-2021	3.00	20-01-2018
194	EESL	Solar (EESL)	0.40	06-04-2021	3.00	20-01-2018
195	EESL	Solar (EESL)	2.177	01-05-2021	3.00	20-01-2018
196	EESL	Solar (EESL)	6.72	05-06-2021	3.00	20-01-2018
197	EESL	Solar (EESL)	4.2	05-06-2021	3.00	20-01-2018
198	EESL	Solar (EESL)	0.56	03-08-2021	3.00	20-01-2018

199	EESL	Solar (EESL)	2.4	05-08-2021	3.00	20-01-2018
200	EESL	Solar (EESL)	0.56	06-08-2021	3.00	20-01-2018
201	EESL	Solar (EESL)	2.992	14-08-2021	3.00	20-01-2018
202	EESL	Solar (EESL)	2.088	02-09-2021	3.00	20-01-2018
203	EESL	Solar (EESL)	2.9	07-10-2021	3.00	20-01-2018
204	EESL	Solar (EESL)	2.16	07-10-2021	3.00	20-01-2018
205	EESL	Solar (EESL)	0.63	10-11-2021	3.00	20-01-2018
206	EESL	Solar (EESL)	4.2	10-02-2022	3.00	20-01-2018
207	EESL	Solar (EESL)	4.89	10-02-2022	3.00	20-01-2018
208	EESL	Solar (EESL)	3.32	17-02-2022	3.00	20-01-2018
209	EESL	Solar (EESL)	0.27	13-03-2022	3.00	20-01-2018
210	EESL	Solar (EESL)	1.6	17-03-2022	3.00	20-01-2018
211	EESL	Solar (EESL)	8.4	04-04-2022	3.00	20-01-2018
212	EESL	Solar (EESL)	2.52	06-04-2022	3.00	20-01-2018
213	EESL	Solar (EESL)	0.84	07-10-2022	3.00	20-01-2018
214	EESL	Solar (EESL)	4.2	21-10-2022	3.00	20-01-2018
215	EESL	Solar (EESL)	1.17	08-11-2022	3.00	20-01-2018
216	EESL	Solar (EESL)	0.32	25-11-2022	3.00	20-01-2018
217	EESL	Solar (EESL)	0.435	30-11-2022	3.00	20-01-2018
218	EESL	Solar (EESL)	4.2	17-03-2023	3.00	20-01-2018
219	EESL	Solar (EESL)	1.85	FY 2024-25 Expected	3.00	20-01-2018
220	EESL	Solar (EESL)	8.11	FY 2024-25 Expected	3.00	20-01-2018
221	EESL	Solar (EESL)	1.6	FY 2024-25 Expected	3.00	20-01-2018
222	EESL	Solar (EESL)	2.7	FY 2024-25 Expected	3.00	20-01-2018
223	EESL	Solar (EESL)	1.7	FY 2024-25 Expected	3.00	20-01-2018
224	EESL	Solar (EESL)	1.68	FY 2024-25 Expected	3.00	20-01-2018
225	EESL	Solar (EESL)	1.592	FY 2024-25 Expected	3.00	20-01-2018
226	EESL	Solar (EESL)	4.2	FY 2024-25 Expected	3.00	20-01-2018
227	EESL	Solar (EESL)	2.52	FY 2024-25 Expected	3.03	13-05-2024
228	Saptrang Energy Pvt Ltd (Sumant Mahajan)	Solar (KUSUM A)	2	13-06-2023	3.1	22-02-2023
229	Meena Rajendra Kondhare	Solar (KUSUM A)	2	17-05-2024	3.1	13-12-2022
230	G N Electricals	Solar (KUSUM A)	2	FY 2024-25 Expected	3.1	22-02-2023
231	Khushal Wagh	Solar (KUSUM A)	1	FY 2024-25 Expected	3.1	31-07-2022
232	Yashwant Wadive	Solar (KUSUM A)	1	FY 2024-25 Expected	3.1	30-09-2022
233	Suresh Narayan Kalpande	Solar (KUSUM A)	2	FY 2024-25 Expected	3.1	22-02-2023
234	Durga Prasad Kumbhare	Solar (KUSUM A)	1	FY 2024-25 Expected	3.09	16-12-2022
235	Ashutosh Valmik Rajput	Solar (KUSUM A)	1	FY 2024-25 Expected	3.1	29-09-2022
236	PANDURANG SHANKAR GAJARE	Solar (KUSUM A)	1	FY 2024-25 Expected	3.1	25-01-2023
237	Rahul Pritamsingh Upwanshi	Solar (KUSUM A)	1	FY 2024-25 Expected	3.1	16-12-2022
238	RAJESH UTTAMRAO VITEKAR	Solar (KUSUM A)	2	FY 2024-25 Expected	3.09	16-12-2022
239	Ramhari Vyankatrao Mantri	Solar (KUSUM A)	2	FY 2024-25 Expected	3.09	16-12-2022
240	Sadashiv Vyankatrao Mantri	Solar (KUSUM A)	0.5	FY 2024-25 Expected	3.05	29-09-2022
241	Laxmikant Narayanrao Loharekar	Solar (KUSUM A)	2	FY 2024-25 Expected	3.1	27-01-2023
242	Anand Kumbhar	Solar (KUSUM A)	1	FY 2024-25 Expected	3.1	03-01-2023
243	Ashutosh Wankhade	Solar (KUSUM A)	2	FY 2024-25 Expected	3.1	30-12-2022
244	Krishna Kalantri	Solar (KUSUM A)	0.5	FY 2024-25 Expected	3.1	25-01-2023
245	Pallavi More	Solar (KUSUM A)	1.5	FY 2024-25 Expected	3.1	25-01-2023
246	Satish Kothale	Solar (KUSUM A)	2	FY 2024-25 Expected	3.1	25-01-2023
247	Sumangala Enterprises	Solar (KUSUM A)	1	FY 2024-25 Expected	3.1	03-02-2023
248	Durgesh Jaiswal	Solar (KUSUM A)	0.5	FY 2024-25 Expected	3.1	06-02-2023
249	Anand Industries	Solar (KUSUM A)	1	FY 2024-25 Expected	3.1	06-02-2023
250	Ashish Industries	Solar (KUSUM A)	1	FY 2024-25 Expected	3.1	18-05-2023
251	Balasaheb Ghumbre	Solar (KUSUM A)	2	FY 2024-25 Expected	3.3	14-06-2023
252	Jayshree More	Solar (KUSUM A)	1	FY 2024-25 Expected	3.28	22-05-2023
253	Megha Rajput	Solar (KUSUM A)	2	FY 2024-25 Expected	3.3	14-06-2023
254	Tara Dandgaval	Solar (KUSUM A)	0.7	FY 2024-25 Expected	3.29	11-09-2023
255	Balasaheb Jamdar	Solar (KUSUM A)	1	FY 2024-25 Expected	3.30	22-04-2024
256	Amit Ramrao Natkar	Solar (KUSUM A)	2	FY 2024-25 Expected	3.30	24-04-2024
257	Balaji Baliram Selmohakar	Solar (KUSUM A)	2	FY 2024-25 Expected	3.28	23-04-2024
258	Bhagwant Dayaram Hinge	Solar (KUSUM A)	1	FY 2024-25 Expected	3.30	02-05-2024
259	Duregesh Maru	Solar (KUSUM A)	1	FY 2024-25 Expected	3.30	30-04-2024
260	Shri Balaji Vaidyakiya, Samajik Shaikshanik & Sanshodhan Pratishan	Solar (KUSUM A)	2	FY 2024-25 Expected	3.30	29-04-2024
261	Meena Rajendra Kondhare	Solar (KUSUM A)	2	FY 2024-25 Expected	3.30	08-05-2024
262	Manisha Sunil Chaudhary	Solar (KUSUM A)	2	FY 2024-25 Expected	3.30	30-04-2024
263	Munijabhau Balasaheb Chavan	Solar (KUSUM A)	2	FY 2024-25 Expected	3.30	02-05-2024
264	Narayan Gujabrao Bhojar	Solar (KUSUM A)	1	FY 2024-25 Expected	3.30	03-05-2024
265	Dyaneshwar Pandit Pawar	Solar (KUSUM A)	2	FY 2024-25 Expected	3.30	23-04-2024
266	PRAKASH SHRIRAM AGRAWAL	Solar (KUSUM A)	2	FY 2024-25 Expected	3.30	23-04-2024
267	Rushi Refractories	Solar (KUSUM A)	1	FY 2024-25 Expected	3.30	30-04-2024
268	Sandhya kadam	Solar (KUSUM A)	2	FY 2024-25 Expected	3.30	15-05-2024
269	Shital Balasaheb Korke	Solar (KUSUM A)	1.5	FY 2024-25 Expected	3.30	25-04-2024
270	Shubham Lad	Solar (KUSUM A)	2	FY 2024-25 Expected	3.30	02-05-2024
271	Suryakant Gittie	Solar (KUSUM A)	2	FY 2024-25 Expected	3.30	02-05-2024
272	Urmila Gittie	Solar (KUSUM A)	2	FY 2024-25 Expected	3.30	23-04-2024



273	Utkarsh Wagh	Solar (KUSUM A)	2	FY 2024-25 Expected	3.30	22-04-2024
274	V D Electricals	Solar (KUSUM A)	1	FY 2024-25 Expected	3.30	22-04-2024
275	VAIBHAV SARUPCHAND BARDIYA	Solar (KUSUM A)	2	FY 2024-25 Expected	3.30	22-04-2024
276	Varad Electricals & Eng	Solar (KUSUM A)	1	FY 2024-25 Expected	3.30	26-04-2024
277	Varsha Kailash Kolhe	Solar (KUSUM A)	1	FY 2024-25 Expected	3.30	30-04-2024
278	VASUDEO SHANKAR DEORE	Solar (KUSUM A)	2	FY 2024-25 Expected	3.30	14-05-2024
279	Vinay Udayraj Jain	Solar (KUSUM A)	2	FY 2024-25 Expected	3.30	
280	S M Solar Pvt Ltd	Solar (KUSUM A)	2	FY 2024-25 Expected	3.10	22-06-2023
281	Kalika Ginning and Pressing Private Limited	Solar (KUSUM C)	3	25-01-2024	3.10	22-06-2023
282	Narendra Ramrao Kale	Solar (KUSUM C)	3	02-02-2024	3.10	04-05-2023
283	AGE RCC Energy Private Limited	Solar (KUSUM C)	2.5	07-02-2024	3.10	22-06-2023
284	Shri Satyasai Baba Infra Ventures Private Limited	Solar (KUSUM C)	3	29-03-2024	3.10	18-08-2023
285	Rajkamal Construction Company	Solar (KUSUM C)	3	05-04-2024	3.10	04-05-2023
286	Kavyanjali Solar Pvt. Ltd.	Solar (KUSUM C)	5	25-05-2024	3.10	29-09-2023
287	Ambarkhane Green Energy Pvt. Ltd	Solar (KUSUM C)	2.5	27-05-2024	3.10	11-09-2023
288	Mankari Green Energy Pvt. Ltd	Solar (KUSUM C)	2	28-05-2024	3.10	11-09-2023
289	Ganesh Enterprises	Solar (KUSUM C)	2.5	05-06-2024	3.10	11-09-2023
290	Shree Kashi Vishwanath Infra Projects Private Ltd	Solar (KUSUM C)	5	06-08-2024	3.10	04-05-2023
291	Mars Endeavour Pvt.Ltd	Solar (KUSUM C)	2.5	24-08-2024	3.10	31-08-2023
292	VRN Constructions	Solar (KUSUM C)	2.5	FY 2024-25 Expected	3.10	04-05-2023
293	Shree Kashi Vishwanath Infra Projects Private Ltd	Solar (KUSUM C)	5	FY 2024-25 Expected	3.10	22-06-2023
294	Arnav Electricals Pvt Ltd	Solar (KUSUM C)	2	FY 2024-25 Expected	3.10	18-08-2023
295	Sharvari Electricals	Solar (KUSUM C)	7	FY 2024-25 Expected	3.10	31-08-2023
296	Surekha Patil	Solar (KUSUM C)	2.5	FY 2024-25 Expected	3.10	31-08-2023
297	Shivprasad Motors	Solar (KUSUM C)	2.5	FY 2024-25 Expected	3.10	31-08-2023
298	Vitthal Rukmini Renewable Pvt. Ltd	Solar (KUSUM C)	2.5	FY 2024-25 Expected	3.10	11-09-2023
299	Sundaram Petrochem Pvt. Ltd	Solar (KUSUM C)	50	FY 2024-25 Expected	3.1	
300	MSKVY NINTH SOLAR SPV LIMITED	Solar (MSKVY 2)	306	FY 2025-26 Expected	3.10	13-05-2024
301	Maharashtra State Power Generation Company Limited	Solar (MSKVY 2)	395	FY 2025-26 Expected	3.00-3.10	13-05-2024
302	Maharashtra State Power Generation Company Limited	Solar (MSKVY 2)	676	FY 2025-26 Expected	3.10	13-05-2024
303	Sriguruchandra Solar Private Limited	Solar (MSKVY 2)	6	FY 2025-26 Expected	3.10	13-05-2024
304	Maharudra Energy Private Limited	Solar (MSKVY 2)	6	FY 2025-26 Expected	3.10	13-05-2024
305	Punpale Brothers Green Energy Private Limited	Solar (MSKVY 2)	7	FY 2025-26 Expected	3.09	13-05-2024
306	Nathani Green Energy Solutions Private Limited	Solar (MSKVY 2)	8	FY 2025-26 Expected	2.95	13-05-2024
307	Shambavi Green Energy Private Limited	Solar (MSKVY 2)	10	FY 2025-26 Expected	3.09-3.10	13-05-2024
308	VMR Green Energy Private Limited	Solar (MSKVY 2)	13	FY 2025-26 Expected	3.09-3.10	13-05-2024
309	Shri Satyasai Baba Infra Ventures Private Limited	Solar (MSKVY 2)	37	FY 2025-26 Expected	3.10	14-05-2024
310	Sharada construction and Corporation Private Limited	Solar (MSKVY 2)	49	FY 2025-26 Expected	3.09	13-05-2024
311	Padmanabha Real Estate and Translogic Solution Private Limited	Solar (MSKVY 2)	2	FY 2025-26 Expected	3.10	13-05-2024
312	Rokdoba Green Energy Private Limited	Solar (MSKVY 2)	2	FY 2025-26 Expected	3.10	13-05-2024
313	Gajanan Energy Private Limited	Solar (MSKVY 2)	3	FY 2025-26 Expected	3.10	14-05-2024
314	Kalika Ginning and Pressing Private Limited	Solar (MSKVY 2)	3	FY 2025-26 Expected	3.10	13-05-2024
315	Kotecha Sales Private Limited	Solar (MSKVY 2)	3	FY 2025-26 Expected	2.94	13-05-2024
316	Shivrudra Green Energy Private Limited	Solar (MSKVY 2)	5	FY 2025-26 Expected	3.10	13-05-2024
317	Kotalwar Green Energy Private Limited	Solar (MSKVY 2)	5	FY 2025-26 Expected	3.10	13-05-2024
318	Shivni Majra Solar Power Private Limited	Solar (MSKVY 2)	5	FY 2025-26 Expected	3.10	13-05-2024
319	Shrihari Steels And Renewables Private Limited	Solar (MSKVY 2)	5	FY 2025-26 Expected	3.10	13-05-2024
320	Sankav Dhramankshi Green Energy Private Limited	Solar (MSKVY 2)	5	FY 2025-26 Expected	3.05	13-05-2024
321	Nitya Shakti Private Limited	Solar (MSKVY 2)	5	FY 2025-26 Expected	3.05	13-05-2024
322	Rajyog Green Energy Private Limited	Solar (MSKVY 2)	5	FY 2025-26 Expected	3.04	13-05-2024
323	Suryaveer Solar Power Private Limited	Solar (MSKVY 2)	7	FY 2025-26 Expected	3.05	13-05-2024
324	Shivam Solar Nexus Private Limited	Solar (MSKVY 2)	4	FY 2025-26 Expected	3.04-3.05	14-05-2024
325	Jagruiti Sugar & Allied Industries Limited	Solar (MSKVY 2)	32	FY 2025-26 Expected	3.05	13-05-2024
326	Kasale Solar Power Private Limited	Solar (MSKVY 2)	2	FY 2025-26 Expected	3.05	13-05-2024
327	Ganga Mauli Solar Private Limited	Solar (MSKVY 2)	3	FY 2025-26 Expected	3.05	13-05-2024
328	Siddhivinayak Vastunirmiti Limited	Solar (MSKVY 2)	5	FY 2025-26 Expected	3.03-3.05	13-05-2024
329	SRP Infra And Power Private Limited	Solar (MSKVY 2)	10	FY 2025-26 Expected	2.69	13-05-2024
330	Solfam Energy Private Limited	Solar (MSKVY 2)	4	FY 2025-26 Expected	2.85-3.05	13-05-2024
331	Ravikiran Green Energy Private Limited	Solar (MSKVY 2)	10	FY 2025-26 Expected	3.10	15-05-2024
332	Devarjan Green Energy Private Limited	Solar (MSKVY 2)	8	FY 2025-26 Expected	3.10	15-05-2024

333	Kalpkala Solar Power Private Limited	Solar (MSKVY 2)	1	FY 2025-26 Expected	3.10	15-05-2024
334	Bidada Industries Pvt Ltd	Solar (MSKVY 2)	2	FY 2025-26 Expected	3.10	15-05-2024
335	Aaradhya Bright Energy Private Limited	Solar (MSKVY 2)	3	FY 2025-26 Expected	2.94	15-05-2024
336	Hariganga Solar Energy Private Limited	Solar (MSKVY 2)	5	FY 2025-26 Expected	2.94	15-05-2024
337	Amberkhane Power Private Limited	Solar (MSKVY 2)	5	FY 2025-26 Expected	3.10	15-05-2024
338	Arul Ecoenergy Private Limited	Solar (MSKVY 2)	5	FY 2025-26 Expected	3.05	15-05-2024
339	Ekansh Green Energy Private Limited	Solar (MSKVY 2)	4	FY 2025-26 Expected	3.05	15-05-2024
340	Aviraj Green Energy Private Limited	Solar (MSKVY 2)	2	FY 2025-26 Expected	3.05	15-05-2024
341	Gurutara Green Energy Private Limited	Solar (MSKVY 2)	5	FY 2025-26 Expected	3.10	17-05-2024
342	Mahira Renewable Energy Private Limited	Solar (MSKVY 2)	8	FY 2025-26 Expected	3.10	17-05-2024
343	Khandoba Distilleries Private Limited	Solar (MSKVY 2)	8	FY 2025-26 Expected	3.10	17-05-2024
344	Manmath Green Energy Private Limited	Solar (MSKVY 2)	2	FY 2025-26 Expected	3.10	17-05-2024
345	AGE RCC Energy Private Limited	Solar (MSKVY 2)	2	FY 2025-26 Expected	3.10	17-05-2024
346	Tapovan Energy Private Limited	Solar (MSKVY 2)	2	FY 2025-26 Expected	3.10	17-05-2024
347	SBK Green Energy Private Limited	Solar (MSKVY 2)	3	FY 2025-26 Expected	3.10	17-05-2024
348	Ganga Mauli Sugar and Allied Industries Private Limited	Solar (MSKVY 2)	3	FY 2025-26 Expected	3.10	17-05-2024
349	Sarisha Energy Solutions Private Limited	Solar (MSKVY 2)	5	FY 2025-26 Expected	3.10	17-05-2024
350	Vijay Clean Energy Private Limited	Solar (MSKVY 2)	5	FY 2025-26 Expected	3.05	17-05-2024
351	Yashprabha Green Energy Private Limited	Solar (MSKVY 2)	6	FY 2025-26 Expected	3.05	17-05-2024
352	Urgunde Solar Power Energy Private Limited	Solar (MSKVY 2)	3	FY 2025-26 Expected	3.04-3.05	17-05-2024
353	Hyka Energies Private Limited	Solar (MSKVY 2)	15	FY 2025-26 Expected	2.89-3.05	17-05-2024
354	EVERSUN SOLAR PRIVATE LIMITED	Solar (MSKVY 2)	10	FY 2025-26 Expected	3.05	17-05-2024
355	Khandoba Distilleries Private Limited	Solar (MSKVY 2)	5	FY 2025-26 Expected	2.89-3.05	17-05-2024
356	siddhachal fab pvt ltd	Solar (MSKVY 2)	17	FY 2025-26 Expected	3.09	17-05-2024
357	MSKVY FOURTH SOLAR SPV LIMITED	Solar (MSKVY 2)	208	FY 2025-26 Expected	3.09	17-05-2024
358	MSKVY SIXTH SOLAR SPV LIMITED	Solar (MSKVY 2)	204	FY 2025-26 Expected	3.08	17-05-2024
359	MSKVY SAPTAM SAUR SPV LIMITED	Solar (MSKVY 2)	196	FY 2025-26 Expected	3.09	17-05-2024
360	MSKVY THIRTEENTH SOLAR SPV LIMITED	Solar (MSKVY 2)	328	FY 2025-26 Expected	3.08	17-05-2024
361	MSKVY TWELFTH SOLAR SPV LIMITED	Solar (MSKVY 2)	126	FY 2025-26 Expected	3.10	17-05-2024
362	MSKVY THIRD SOLAR SPV LIMITED	Solar (MSKVY 2)	170	FY 2025-26 Expected	3.09	17-05-2024
363	MSKVY CHATURDASH SAUR SPV LIMITED	Solar (MSKVY 2)	285	FY 2025-26 Expected	3.09	17-05-2024
364	MSKVY SECOND SOLAR SPV LIMITED	Solar (MSKVY 2)	208	FY 2025-26 Expected	3.09	17-05-2024
365	MSKVY EIGHTH SOLAR SPV LIMITED	Solar (MSKVY 2)	155	FY 2025-26 Expected	3.09	24-05-2024
366	SUNSTREAMGREEN ENERGY THREE PRIVATE LIMITED	Solar (MSKVY 2)	100	FY 2025-26 Expected	2.99	24-05-2024
367	PURSHOTAM PRO PRIVATE LIMITED	Solar (MSKVY 2)	49	FY 2025-26 Expected	2.99	24-05-2024
368	PURSHOTAM KUSUM ONE PRIVATE LIMITED	Solar (MSKVY 2)	50	FY 2025-26 Expected	3.07	24-05-2024
369	KILTON RENEWABLE ENERGY PRIVATE LIMITED	Solar (MSKVY 2)	12	FY 2025-26 Expected	3.07	24-05-2024
370	PURSHOTAM KUSUM TWO PRIVATE LIMITED	Solar (MSKVY 2)	40	FY 2025-26 Expected	3.10	24-05-2024
371	AVAADA SUSTAINABLE URJA PRIVATE LIMITED	Solar (MSKVY 2)	98	FY 2025-26 Expected	3.05	24-05-2024
372	Purushottamdada Sonavane Energy Private Limited	Solar (MSKVY 2)	2	FY 2025-26 Expected	3.10	27-05-2024
373	MSKVY TWENTIETH SOLAR SPV LIMITED	Solar (MSKVY 2)	172	FY 2025-26 Expected	3.10	27-05-2024
374	MSKVY TENTH SOLAR SPV LIMITED	Solar (MSKVY 2)	196	FY 2025-26 Expected	3.10	27-05-2024
375	MSKVY FIFTH SOLAR SPV LIMITED	Solar (MSKVY 2)	207	FY 2025-26 Expected	3.10	27-05-2024
376	MSKVY FIRST SOLAR SPV LIMITED	Solar (MSKVY 2)	225	FY 2025-26 Expected	3.10	27-05-2024
377	MSKVY ELEVENTH SOLAR SPV LIMITED	Solar (MSKVY 2)	234	FY 2025-26 Expected	3.10	07-05-2024
378	MSKVY NINETEENTH SOLAR SPV LIMITED	Solar (MSKVY 2)	79	FY 2025-26 Expected	3.03	07-05-2024
379	MSKVY TWENTY SECOND SOLAR SPV LIMITED	Solar (MSKVY 2)	49	FY 2025-26 Expected	3.10	30-05-2024
380	Ganesh International Enterprises Green Energy Private Limited	Solar (MSKVY 2)	10	FY 2025-26 Expected	3.06-3.09	30-05-2024
381	CleanHedge New Energies Private Limited	Solar (MSKVY 2)	23	FY 2025-26 Expected	3.10	30-05-2024
382	VNM SUNTECH PRIVATE LIMITED	Solar (MSKVY 2)	7	FY 2025-26 Expected	3.10	30-05-2024
383	HTI Energies And Infra Private Limited	Solar (MSKVY 2)	4	FY 2025-26 Expected	2.94	30-05-2024
384	Annusaya Construction Green Energy Private Limited	Solar (MSKVY 2)	5	FY 2025-26 Expected	3.05	30-05-2024
385	RRT GREENS PRIVATE LIMITED	Solar (MSKVY 2)	3	FY 2025-26 Expected	3.07-3.08	30-05-2024
386	VVKR PHOTOVOLTAICS ENERGY PRIVATE LIMITED	Solar (MSKVY 2)	50	FY 2025-26 Expected	3.07-3.08	30-05-2024
387	LUMINA CLEAN ENERGY PRIVATE LIMITED	Solar (MSKVY 2)	50	FY 2025-26 Expected	3.02-3.07	30-05-2024

388	PURELIGHT ENERGY PRIVATE LIMITED	Solar (MSKVY 2)	42	FY 2025-26 Expected	3.07	30-05-2024
389	REL MSKVY Solar Project One Pvt Limited	Solar (MSKVY 2)	15	FY 2025-26 Expected	3.07-3.09	30-05-2024
390	REL MSKVY Solar Project Two Pvt Limited	Solar (MSKVY 2)	17	FY 2025-26 Expected	3.07-3.09	30-05-2024
391	REL MSKVY Solar Project Three Pvt Limited	Solar (MSKVY 2)	18	FY 2025-26 Expected	3.04-3.07	30-05-2024
392	REL MSKVY Solar Project Four Pvt Limited	Solar (MSKVY 2)	15	FY 2025-26 Expected	3.04-3.07	30-05-2024
393	REL MSKVY Solar Project Five Pvt Limited	Solar (MSKVY 2)	15	FY 2025-26 Expected	3.09	30-05-2024
394	REL MSKVY Solar Project Six Pvt Limited	Solar (MSKVY 2)	20	FY 2025-26 Expected	3.10	30-05-2025
395	Sastur Green Energy Private Limited	Solar (MSKVY 2)	1	FY 2025-26 Expected	3.10	30-05-2027
396	Vyankatesh Solart Power Generation Pvt Ltd	Solar (MSKVY 2)	1	FY 2025-26 Expected	2.92	30-05-2028
397	YASH CONSTRUCTIONS INFRA PRIVATE LIMITED	Solar (MSKVY 2)	4	FY 2025-26 Expected	3.09	13-05-2024
398	Praashgreen Energy Private Limited	Solar (MSKVY 2)	5	FY 2025-26 Expected	3.10	03-06-2024
399	Guru Ram Green Energy Private Limited	Solar (MSKVY 2)	1	FY 2025-26 Expected	3.10	10-06-2024
400	I IPL ONE SOLAPUR ONE PRIVATE LIMITED	Solar (MSKVY 2)	126	FY 2025-26 Expected	3.00-3.10	10-06-2024
401	I IPL FIVE AHMADNAGAR PRIVATE LIMITED	Solar (MSKVY 2)	51	FY 2025-26 Expected	2.94-3.10	10-06-2024
402	I IPL SIX LATUR PRIVATE LIMITED	Solar (MSKVY 2)	19	FY 2025-26 Expected	3.07-3.10	10-06-2024
403	I IPL SEVEN AMRAVATI PRIVATE LIMITED	Solar (MSKVY 2)	16	FY 2025-26 Expected	2.99-3.10	10-06-2024
404	I IPL EIGHT BEED PRIVATE LIMITED (90 MW)	Solar (MSKVY 2)	90	FY 2025-26 Expected	3.10	10-06-2024
405	SJVN Green Energy Limited	Solar (MSKVY 2)	500	FY 2025-26 Expected	3.02-3.10	10-06-2024
406	SJVN Green Energy Limited	Solar (MSKVY 2)	852	FY 2025-26 Expected	3.07	10-06-2024
407	MVD Cementation & Construction Pvt. Ltd.	Solar (MSKVY 2)	7	FY 2025-26 Expected	3.07	28-06-2024
408	Purshotam Sunshine Pvt. Ltd.	Solar (MSKVY 2)	19	FY 2025-26 Expected	3.10	03-06-2024
409	Balaji Constructions & RMC Private Limited	Solar (MSKVY 2)	7	FY 2025-26 Expected	3.1	03-06-2024
410	LATUR VEJAAN GREEN ENERGY PRIVATE LIMITED	Solar (MSKVY 2)	2	FY 2025-26 Expected	2.94	28-08-2018
411	M/s Waacox	Solar (MSKVY)	2	24-08-2018	2.97	28-08-2018
412	M/s Waacox	Solar (MSKVY)	2	24-08-2018	3.05	11-03-2020
413	Nisagra Renewable Energy Pvt. Ltd	Solar (MSKVY)	10	16-01-2019	3.15	27-12-2018
414	Nisagra Renewable Energy Pvt. Ltd	Solar (MSKVY)	10	30-12-2019	3.15	27-12-2018
415	Nisagra Renewable Energy Pvt. Ltd	Solar (MSKVY)	10	31-12-2019	3.15	27-12-2018
416	Nisagra Renewable Energy Pvt. Ltd	Solar (MSKVY)	10	07-01-2020	3.15	27-12-2018
417	Nisagra Renewable Energy Pvt. Ltd	Solar (MSKVY)	10	08-01-2020	3.15	27-12-2018
418	M/s Juniper Green Energy Pvt Ltd	Solar (MSKVY)	10	21-01-2020	3.15	27-12-2018
419	M/s Juniper Green Energy Pvt Ltd	Solar (MSKVY)	10	22-01-2020	3.15	27-12-2018
420	Nisagra Renewable Energy Pvt. Ltd	Solar (MSKVY)	10	08-03-2020	3.15	27-12-2018
421	M/s Juniper Green Energy Pvt Ltd	Solar (MSKVY)	10	21-03-2020	3.09 - 3.15	27-12-2028
422	Nisagra Renewable Energy Pvt. Ltd	Solar (MSKVY)	10	29-03-2020	3.15	27-12-2018
423	M/s Atnu Solar Power Ltd	Solar (MSKVY)	10	20-08-2020	3.09 - 3.16	27-12-2028
424	M/s Atnu Solar Power Ltd	Solar (MSKVY)	10	25-08-2020	3.09 - 3.17	27-12-2028
425	M/s Atnu Solar Power Ltd	Solar (MSKVY)	10	25-08-2020	3.09 - 3.18	27-12-2028
426	M/s Atnu Solar Power Ltd	Solar (MSKVY)	10	08-09-2020	3.09 - 3.20	27-12-2028
427	M/s Atnu Solar Power Ltd	Solar (MSKVY)	10	17-10-2020	3.11	27-12-2028
428	M/s Aurinko Energy Pvt. Ltd	Solar (MSKVY)	10	22-10-2020	3.29	30-09-2020
429	M/s Atnu Solar Power Ltd	Solar (MSKVY)	10	25-11-2020	3.09 - 3.19	27-12-2028
430	M/s Wacooc	Solar (MSKVY)	16	11-01-2021	3.10	20-11-2019
431	M/s Atnu Solar Power Ltd	Solar (MSKVY)	10	28-01-2021	3.09 - 3.21	27-12-2028
432	Venkat M Garje Proprietor Garje Steel Industries	Solar (MSKVY)	2	17-04-2021	3.29	30-09-2020
433	Vivek M reddy proprietor Reddy Construction	Solar (MSKVY)	2	17-04-2021	3.29	30-09-2020
434	M/s Ajit Kantilalji Sisodiya M/s Kalika Ginning & Pressing Pvt Ltd	Solar (MSKVY)	2	26-04-2021	3.3	01-02-2022
435	Gro-Solar	Solar (MSKVY)	7	24-06-2021	3.10	14-01-2020
436	Dinesh D Mane partner Satya saibaba Construction	Solar (MSKVY)	2	24-07-2021	3.29	30-09-2020
437	Laxman N More propreitor Ganga Mauli Solar Energy	Solar (MSKVY)	2	24-07-2021	3.29	30-09-2020
438	Vijay m Mankari Proprietor Mankari Petroleum	Solar (MSKVY)	2	02-08-2021	3.29	30-09-2020
439	Ask Green Energy Pvt Ltd	Solar (MSKVY)	2	05-08-2021	3.29	30-09-2020
440	Ramesh N Amberkhane proprietor Ganesh Dall Industries	Solar (MSKVY)	2	05-08-2021	3.15	30-09-2020
441	Harikishan R malu proprietor Shrihari traders	Solar (MSKVY)	2	27-08-2021	3.29	30-09-2020
442	Ramprasad B Ghodke Partner M/s R B	Solar (MSKVY)	2	31-08-2021	3.29	30-09-2020



Ghodke						
443	Kailash S Agarwal Partner Shubhlaxmi Foods	Solar (MSKVY)	2	07-11-2021	3.29	30-09-2020
444	M/s Nature International Pvt Ltd	Solar (MSKVY)	10	30-12-2021	3.3	04-02-2022
445	M/s Sunfree Paschim Pvt Ltd	Solar (MSKVY)	20	30-12-2021	3.29	04-05-2023
446	Padamkumar J Ajmera Partner Jai Sai Construction	Solar (MSKVY)	2	04-01-2022	3.28	30-09-2020
447	Ashok A Kakade	Solar (MSKVY)	2	07-01-2022	3.30	30-09-2020
448	Chandrakant Bastesing Raghuvanshi	Solar (MSKVY)	2	07-03-2022	3.3	16-12-2022
449	M/s Kiran Renewables	Solar (MSKVY)	5	01-04-2022	3.29	30-09-2020
450	Karnataka Resco	Solar (MSKVY)	10	27-05-2022	3.10	14-01-2020
451	Karnataka Resco	Solar (MSKVY)	10	27-05-2022	3.10	14-01-2020
452	Karnataka Resco	Solar (MSKVY)	10	09-06-2022	3.10	14-01-2020
453	Karnataka Resco	Solar (MSKVY)	10	17-06-2022	3.10	14-01-2020
454	Karnataka Resco	Solar (MSKVY)	10	17-06-2022	3.10	14-01-2020
455	Karnataka Resco	Solar (MSKVY)	10	22-06-2022	3.10	14-01-2020
456	Karnataka Resco	Solar (MSKVY)	10	24-06-2022	3.10	14-01-2020
457	Karnataka Resco	Solar (MSKVY)	10	11-07-2022	3.10	14-01-2020
458	Karnataka Resco	Solar (MSKVY)	10	11-07-2022	3.10	14-01-2020
459	Karnataka Resco	Solar (MSKVY)	10	12-07-2022	3.15	27-12-2018
460	REDDY CONSTRUCTION	Solar (MSKVY)	3	05-08-2022	3.05	07-09-2022
461	Shree Mahalaxmi Jagdamba	Solar (MSKVY)	1.16	18-11-2022	3.00	28-03-2023
462	Jai shrikrishna Enterprises Dhule.	Solar (MSKVY)	2	23-12-2022	3.00	04-04-2022
463	KASTURI ELECTRICAL & ENGINEER	Solar (MSKVY)	3	03-03-2023	3.05	31-01-2022
464	M/s Kosol Energie Pvt Ltd	Solar (MSKVY)	10	07-06-2023	3.14	28-02-2020
465	M/s Eirene naval systems Pvt Ltd	Solar (MSKVY)	10	17-07-2023	3.29	31-08-2023
466	M/s Greak Infra Environs Pvt Ltd	Solar (MSKVY)	5	02-09-2023	3.05	14-12-2022
467	M/s Eirene naval systems Pvt Ltd	Solar (MSKVY)	15	25-08-2023	3.29	30-09-2020
468	M/s MSPGCL	Solar (MSKVY)	19.6	As on 31.08.2024	3.30	30-09-2020
469	M/s TANGENT SOLAR POWER & INFRASTRUCTURES	Solar (MSKVY)	3	FY 2024-25 Expected	3.05	02-01-2024
470	MAHARASHTRA STATE ROAD DEVELOPMENT CORPORATION LTD	Solar (MSKVY)	5	FY 2024-25 Expected	3.05	31-01-2022
471	Surekha Sharad Patil	Solar (MSKVY)	2	FY 2024-25 Expected	3.05	04-02-2022
472	Aqua Dynamics	Solar (MSKVY)	28	FY 2024-25 Expected	3.10	30-12-2022
473	G N Electricals	Solar (MSKVY)	4	FY 2024-25 Expected	3.10	14-12-2022
474	Maharashtra State Road Development Corporation Ltd	Solar (MSKVY)	4	FY 2024-25 Expected	3.10	28-03-2023
475	Ramestha Green Energy Pvt Ltd	Solar (MSKVY)	9	FY 2024-25 Expected	3.3	02-01-2024