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**SOUTHERN POWER DISTRIBUTION COMPANY OF
TELANGANA LIMITED**

(Distribution and Retail Supply of Electricity Licensee)



**Filing of ARR
for
Retail Supply Business for FY 2022-23**



30th November , 2021

**BEFORE THE HONOURABLE TELANGANA STATE ELECTRICITY REGULATORY
COMMISSION**

AT ITS OFFICE AT 5th Floor, Singareni Bhavan, Red Hills, Hyderabad - 500 004

FILING NO. _____/2021
CASE NO. _____/2021

In the matter of:

Determination of the Aggregate Revenue Requirement (ARR) for Retail Supply Business for the year FY 2022-23 under Section 62 of the Electricity Act, 2003.

In the matter of:

SOUTHERN POWER DISTRIBUTION COMPANY OF TELANGANA LIMITED Applicant
6-1-50, Corporate Office, Mint Compound, Hyderabad 500063, Telangana, India.
Phone No. (040) 2343 1018; Fax No. (040) 2343 1082; website: www.tssouthernpower.com

The Applicant respectfully submits as under:

1. With the enactment of Andhra Pradesh Reorganisation Act, 2014 [APR Act] the Telangana state has been carved out from the undivided Andhra Pradesh state as the 29th state of the Republic India on 02.06.2014. On the eve of state bifurcation, the 2 districts, Anantapur and Kurnool have been delinked from APCPDCL and merged with APSPDCL in accordance with the provisions of APR Act vide G.O.Ms.No.24, dated 29.05.2014, Further, the name of the Central Power Distribution Company of Andhra Pradesh Limited has been changed to Southern Power Distribution Company of Telangana Limited (TSSPDCL).
2. The erstwhile Regulatory Commission of the undivided state of Andhra Pradesh has notified Regulation No.3 of 2014 (Reorganisation) Regulation, 2014 on 26.05.2014 consequent to the framing of APR Act notified by Government of India (GoI) on 01.03.2014, wherein clause 3 of the regulation says that -
“All the notified regulations as well as their supplementary regulations/amendments, rules, orders, proceedings, guidelines, memos, notifications, other instruments issued immediately before 2nd June, 2014 by the APERC for conduct of business and other matters shall fully & completely apply to the whole of the states of Telangana and Andhra Pradesh and shall similarly apply in relation to all matters falling within the jurisdiction of the Commission until they are altered, repealed or amended by the respective State Electricity Regulatory Commissions.”
3. In accordance with the above regulation, all the regulations framed by erstwhile APERC will continue to apply for the state of Telangana. Subsequently TSERC vide Telangana Official Gazette has notified its first regulation, Regulation No.1 of 2014

on 10.12.2014 (Adoption of Previously Subsisting Regulations, Decisions, Directions or Orders, Licenses and Practice of Directions) wherein clause 2 says that –

“All regulations, decisions, directions or orders, all the licences and practice directions issued by the erstwhile Andhra Pradesh Electricity Regulatory Commission (Regulatory Commission for States of Andhra Pradesh and Telangana) as in existence as on the date of the constitution of the Telangana State Electricity Regulatory Commission and in force, shall mutatis-mutandis apply in relation to the stakeholders in electricity in the State of Telangana including the Commission and shall continue to have effect until duly altered, repealed or amended, any of the Regulation by the Commission with effect from the date of notification as per Notification issued by the Government of Telangana in G.O.Ms.No.3 Energy(Budget) Department, dated 26-07-2014 constituting the Commission.”

4. This filing is made by the **SOUTHERN POWER DISTRIBUTION COMPANY OF TELANGANA LIMITED (TSSPDCL)** under Section 64 of the Electricity Act, 2003 for determination of the Aggregate Revenue Requirement (ARR) for the year FY 2022-23.
5. As per Regulation No.4 of 2005, the licensee is required to file the Aggregate Revenue Requirement (ARR) for Retail Supply Business and Tariff proposal for the entire control period i.e., for the period FY2019-20 to FY2023-24.
6. The Licensee vide its letter dated 28.09.2021 represented the Honble Commission to permit the licensee to file ARR and Tariff Petition for retail supply business on annual basis from hereon and specifically for the 4th year i.e. FY 2022-23 of the 4th MYT Control Period. The Licensee presents below the reasons for allowing filing of ARR on an annual basis:
 - i). **Significant uncertainty involved in projection of quantum of power to be purchased from various sources as well as in costs**
 - a. **Projections of Generation Availability**
 - Projection of power to be purchased from Genco stations, CGS Stations & other stations would be difficult beyond one year. As seen in the past there have been deviations from the scheduled commissioning for both thermal and Hydro plants. Given the high quantum of power likely to be purchased from the plants likely to be commissioned till FY2023-24, any deviations in the power procurement schedule from these plants will have a material impact on the power purchase costs, if projections are to be done for the control period.
 - b. **Projections of Power Purchase Costs**
 - The Order on Generation Tariffs based on the Generation Regulation is yet to be determined by the Commission after the filings of TSGenco for

the 4th control period. Hence the quantum of deviations between generation tariffs used in the projections and the approved costs are likely to be magnified if the power purchase costs are to be projected over the control period.

ii). **Regulatory objectives of a Multi-year tariff regime not met**

a. Mechanism of Incentivization

- One of the objectives of the multi-year tariff regime is to incentivize the performance of the licensee based on its achievement vis-à-vis the targets fixed by the regulator. In the current scenario, this concept is more relevant in distribution business, as many of the ARR items in distribution business are deemed to be controllable and the licensee can take steps to achieve the targets fixed by the regulator thereby improving its operational performance. However, in the retail supply business, the cost of power purchase is uncontrollable factor and hence not amenable to fixation of targets. Hence the regulatory objective of improving the performance of the licensee, intended to be achieved in a multi-year tariff regime is not met in case of retail supply business.

b. Tariff Certainty

- The other key objective intended to be achieved through a multi-year tariff framework is to reduce the regulatory uncertainty for consumers stemming from methodology followed by the regulator in tariff setting. This objective is achieved in the distribution business through the wheeling tariffs set for the MYT control period which are based on the factors which are controllable by the licensee. However, in retail supply business, following are the key constraints in fixing a tariff for control period:
 - The uncertainty in power purchase costs has a significant impact on the 'Cost to Serve' which forms the basis of fixation of retail tariffs.
 - In addition to 'cost of service', the retail tariffs also depend on the level of subsidy support from Government of Telangana State and cross subsidy levels across consumer categories. These factors are beyond the control of the licensee.
- Hence the objective of providing tariff certainty to consumers, which is well established in distribution business in the form of wheeling tariffs, is unlikely to be met in retail supply business due to the uncontrollable factors mentioned above.

iii). **Demand Side uncertainties**

- The policy of the Government of Telangana towards the agricultural supply hours and the likely date of commissioning of the Lift Irrigation Schemes (LI Schemes) and Railway/HMR projects are other parameters which would significantly alter the demand projections for the control period.
- It is also very difficult to predict with the accuracy levels of demand that will be there for power from different category of consumers especially Industrial and Commercial consumers. These are dependent on macroeconomic situations and are not easy to forecast over a control period. Variations in this demand will alter sales mix and therefore make ARR substantially inaccurate if done over a control period.

7. The Honble Commission has allowed the licensee to file retail supply tariff petitions for the remaining two years in the present control period i.e. FY 2022-23 and FY 2023-24 on annual basis vide its letter no. S/R.O.-1/5 Secy/JD(Law)-02/D.No. 518/2021 dated 05.11.2021.
8. The Hon'ble Commission vide its Suo-Moto Order dated 18.07.2020 (O.P. No. 18 of 2020), has revised the tariffs applicable to all water pumping stations of Hyderabad Metropolitan Water Supply & Sewerage Board (HMWSSB), in terms of the directions of the Telangana Government under Section 108 of the Electricity Act, 2003. As per the Hon'ble Commission's directions, such revised tariffs shall be applicable from FY 2018-19 onwards and shall continue till a final view is taken by the Hon'ble Commission on determination of tariff for retail supply for FY 2020-21, FY 2021-22 and FY 2022-23 and also in true-up of retail supply tariff for FY 2018-19.
 - Since FY 2020-21 and Q1 FY 2021-22 have already been completed, the licensee has considered the actual revenue billed during this period under the prevailing tariff category (HT I (A)).
 - For FY 2021-22 (Q2 onwards) and FY 2022-23, the licensee has projected the sales and revenue for HMWSSB, in accordance with the revised tariffs in the aforesaid order.
9. In this filing, the Licensee is submitting the following: -
 - a. ARR for Retail Supply Business for FY2022-23.

- b. Actual Revenue for FY 2020-21 and Revenue projections at existing tariffs for Retail Supply Business for FY2022-23.
 - c. Cost of Service for FY2022-23.
10. The licensee has adopted the following methodology to arrive at the ARR for retail supply business.
- **Distribution Cost:** The licensee has considered the Distribution cost for FY21 as per the actuals, and FY22 and FY23 as per the order issued by the Hon'ble Commission on the Distribution ARR and Wheeling tariff for the 4th control period from FY 2019-20 to FY 2023-24 on 29.04.2020 (along with the Amendment Order on 01.03.2021). Distribution cost so considered has been used for arriving at the Retail Supply ARR for FY 2020-21, FY 2021-22 and FY 2022-23 respectively.
 - **Transmission Cost:** The licensee has considered the transmission costs actually paid to TS Transco during FY 2020-21. For FY 2021-22 and FY 2022-23, the transmission tariff of Rs.111.68kW/Month and Rs.129.45 kW/Month for contracted capacity with the TS Transco (MW) of 14989.8 MW for FY 2021-22 & 15344.7 MW for FY 2022-23 have been considered as per the transmission MYT order for 4th control period issued by the Hon'ble Commission on 20.03.2020. The annual Transmission cost so considered has been used for arriving at the Retail Supply ARR for FY 2021-22 and FY 2022-23.
 - **SLDC Cost:** The licensee has considered the costs actually paid to SLDC during FY 2020-21. The licensee has considered the SLDC Annual Fee (Rs. 2706.21/MW/ Annum) and Operating Charges (Rs.1668.69/MW/ Month) and the contracted capacity of 15813.54 MW for FY 2021-22 & SLDC Annual Fee (Rs. 2824.46/MW/ Annum) and Operating Charges (Rs.1396.67/MW/ Month) and the contracted capacity of 16166.88 MW for FY 2022-23 as per the SLDC MYT order for 4th control period issued by the Hon'ble Commission on 02.03.2020.
 - **PGCIL (POC) Charges, PGCIL (Non-POC) and SRLDC charges & fees:** The licensee has considered the actual PGCIL charges paid for FY 2020-21 and H1 FY 2021-22. For H2 FY 2021-22 and FY 2022-23, the average of PGCIL rates for the months of January 2021 to September 2021, as available in the SRPC website. This rate along with the projected capacities for CGS stations, Thermal Power Tech (Units I, II) and CSPDCL has formed the basis for calculating PGCIL (POC) charges for H2 FY 2021-22 and FY 2022-23. Other PGCIL charges (STOA charges) paid as a result of procuring power from IEX, has also been considered based on the actuals of FY 2020-21 and H1 FY 2021-22.

For FY 2020-21 and H1 FY 2021-22, the actual PGCIL (Non-POC) charges and SRLDC charges & fees, have been considered. The projections for H2 FY 2021-22 and FY 2022-23 have been done in line with the FY 2020-21 and H1 FY 2021-22 actuals. An estimate of PGCIL (POC) charges payable on account of the medium-term power procurement from PTC India Ltd., is also included in the overall projection.

- **Distribution Losses:** The licensee has considered the distribution voltage-wise actual loss levels for FY 2020-21 and losses for FY 2021-22, FY 2022-23 as per the approved trajectory in Wheeling tariff order for 4th control period issued by the Hon'ble Commission.
- **Transmission Losses:** The licensee has considered the actual losses for FY 2020-21 and for FY 2021-22, FY 2022-23 at 2.64% and 2.57% respectively, as per the approved trajectory in Transmission tariff order for 4th control period issued by the Hon'ble Commission.
- **PGCIL Losses:** The actual losses external to the TSTransco system have been considered for FY 2020-21. For FY 2021-22, the losses have been estimated to be 3.28% based on the actual loss figures provided by TS Transco for April to August 2021 and considering the POC losses furnished in the latest available notifications by POSOCO for the remaining period of October 2021 to March 2022. For FY 2022-23, the losses are estimated to be 3.24% based on the latest available notification on POC losses by POSOCO.

In these filings, the Licensee has considered actual sales and losses for FY 2020-21 and estimated for FY 2021-22, FY 2022-23 based on previous year's information and other pertinent factors.

Summary of the Filing:

a) Sale of Energy and Loss:

Particulars	2020-21 (Actuals)		2021-22 (Estimates)		2022-23 (Projection)	
	MU	%	MU	%	MU	%
Metered Sales	26530	62.51%	31268	66.38%	37640	70.89%
LT Agricultural Sales	11745	27.67%	11648	24.73%	11182	21.06%
Total Sales	38275	90.18%	42916	91.11%	48823	91.96%
Add: Distribution Losses (incl. EHT sales)	4168	9.82%	4188	8.89%	4271	8.04%
Energy Required at Discom Level	42443	100.00%	47104	100.00%	53094	100.00%
Distribution Losses (excluding EHT sales)	4168	10.97%	4188	10.07%	4271	9.86%

It is expected to reduce the losses further with the implementation of the following measures.

- i) Reduction of both technical and commercial losses by vigorously conducting 11 kV feeder wise energy audits around 7575Nos. feeders in the company.
- ii) During the year 2020-21, 2461Nos. feeders (Towns and Mandal Headquarters) are available in EAUDIT for which energy audit is done on regular basis at corporate office level.
- iii) 176Nos. additional 11 KV 2 MVAR capacitor banks were proposed during the year 2020-21.

For the year 2019-20, 29Nos. additional 33/11kV sub-stations are charged and for H1 of 2020-21, 7Nos. sub-stations are charged.

b) Actual Sales for FY 2020-21, Estimates for FY 2021-22 and Projections for FY 2022-23:

The licensee has adopted the trend method and end-user method for projecting the category-wise sales for H2 FY2021-22 and FY 2022-23. As the name suggests, the licensee has considered the historical growth trend observed in the sales of categories. End-Use method has been used for projecting the sales in certain categories i.e., HT-I Industrial, HT-IV Lift Irrigation & CPWS and HT-V Traction, because of high dependence of demand on the end-use and since the historical growth trend for these categories does not take into consideration the new initiatives which have significant impact on the sales projections. The actual sales for FY 2020-21, H1 FY 2021-22 and sales projections for H2 FY 2021-22 and FY 2022-23 are presented in table below:

Sales/Forecast Sales (MU)	2020-21 (Actuals)	2021-22 (Est.)	2022-23 (Proj.)
LT Category	24,286	24,872	25,246
LT-I(A)(i); I(A)(ii); I(B)(i) & I(B)(ii): Domestic	8,912	9,237	9,884
LT-II(A); II(B); II(C): Non- Domestic/Commercial	2,161	2,480	2,639
LT-III: Industry	880	909	930
LT-IV(A); IV(B): Cottage Industries	10	10	10
LT-V(A); V(B); V(C): Agricultural	11,745	11,648	11,181
LT-VI(A); VI(B): Street Lighting & PWS Schemes	478	464	473
LT-VII(A); VII(B): General Purpose	48	56	57
LT-VIII: Temporary Supply	53	69	71

Sales/Forecast Sales (MU)	2020-21 (Actuals)	2021-22 (Est.)	2022-23 (Proj.)
LT IX: EV	0	0	2
HT Category	13,988	18,044	23,576
HT Category at 11 kV	5,014	6,227	6,665
HT-I(A): Industry (General)	3,460	4,137	4,409
HT-I(B): Ferro Alloy Units	0	0	0
HT-II: Others	1,182	1,643	1,741
HT-III: Airports, Bus Stations and Railway Stations	2	6	6
HT-IV(A): Lift Irrigation and Agriculture	42	50	58
HT-IV(B): CPWS	113	134	155
HT-VI: Townships and Residential Colonies	128	142	159
HT VII Temporary	85	113	125
HT VIII RESCO	0	0	0
HT IX EV	2	3	14
HT Category at 33 kV	4,537	6,283	7,156
HT-I(A): Industry (General)*	3,576	4,986	5,721
HT-I(B): Ferro Alloy Units	25	35	36
HT-II: Others	626	899	1,006
HT-III: Airports, Bus Stations and Railway Stations	0	0	0
HT-IV(A): Lift Irrigation and Agriculture	15	18	19
HT-IV(B): CPWS	191	223	234
HT-VI: Townships and Residential Colonies	85	97	114
HT VII Temporary	18	26	27
HT Category at 132 kV and above	4,438	5,533	9,755
HT-I(A): Industry (General)	2,238	2,891	3,535
HT-I(B): Ferro Alloy Units	105	161	164
HT-II: Others	37	45	46
HT-III: Airports, Bus Stations and Railway Stations	50	74	80
HT-IV(A): Lift Irrigation and Agriculture	1,561	1,763	5,248
HT-IV(B): CPWS	208	223	234
HT-V(A&B): Railway Traction & HMR	239	377	448
HT-VI: Townships & Residential Colonies	0	0	0
HT VII Temporary	0	0	0
Total	38,275	42,916	48,823

- c) **Key Demand Drivers for FY20-21, FY21-22 and FY 22-23:** Some of the key drivers for the increase in the demand of the licensee have been highlighted below:

- **Lift Irrigation (LI) Schemes:** The Telangana government has initiated the ambitious Kaleshwaram lift irrigation project along with the existing ones, to meet the needs of the agriculture consumers in the State. Licensee has considered the expected additional loads and energy requirement as indicated by the Irrigation department, considering the need for realistic projections. The projected use of LIS pump-sets has shown an increase of 13% from 1617 MU in FY 2020-21 to 1830 MU in FY 2021-22 and increase of 190% from 1830 MU in FY 2021-22 to 5325 MU in FY 2022-23.
- **24 Hours Supply to Agriculture Consumers:** Telangana is the pioneer state in India to have announced 24 hrs power supply to all agricultural consumers in the State from 1st January 2018. The Petitioner has expedited measures for strengthening the network for supply of 24 hrs. power to agriculture consumers. This has led to significant increase in the agricultural consumption in the state in FY19 over the previous year. The year FY20 saw abnormally high rainfall, causing the agriculture consumption to reduce in comparison to the actual sales of FY19. Though, there is a marginal increase in FY 21 sales, keeping in view the additional loads to be added through Lift Irrigation schemes in FY 22 and FY 23, it is expected that the agricultural consumption would come down given the fall in use of borewells and a rise in canal-based cultivation. The licensee would like to state on record that it is envisaging the reduction in FY22 and FY23 agriculture sales given the full-fledged operations of the LI schemes. In case the actual sales, despite the LI Scheme operations emerge to be higher than anticipated, the same may be considered by the Hon'ble Commission in the true-up exercise.

d) **Power Purchase Requirement for the state of Telangana for FY 2020-21, FY 2021-22 and FY 2022-23:** The licensee is submitting the actual power purchase quantum and costs for FY 2020-21 and H1 FY 2021-22.

For FY H2 2021-22 and FY 2022-23, the power purchase plan is being submitted, which considers all the available generation sources against the projected energy requirement for estimating the energy balance (deficit or surplus).

The following are the key points considered by the licensee with regard to power purchase availability for FY 2021-22 and FY 2022-23 –

- Overall PLF of 70% and 76% (net off auxiliary consumption and maintenance) from TSGENCO thermal stations considered for FY 2021-22 and FY 2022-23 respectively.
- Hydro availability of 4,921 MU and 4,000 MU considered for FY 2021-22 and FY 2022-23 respectively.
- Additional availabilities considered due to expected commissioning of the following generating stations (with COD timelines):
 - BTPS (4x270 MW) - 1st unit, 2nd and 3rd unit of BTPS have been commissioned on 5th June 2020, 7th December 2020 and 27th March 2021 respectively. The Expected CoD of 4th unit – 1st January 2022.
 - YTPS (5x800 MW) – 1st unit (800 MW) is expected to be commissioned on 1st March 2023.
 - Telangana STPP (2*680 MW) - Expected CODs – 1st Oct'22 (Unit I), 1st Jan'23 (Unit II)
- For the years of FY 2020-21, FY 2021-22 and FY 2022-23, the licensees have entered into an agreement with PTC India Ltd. for the procurement of 550 MW for 6 months period in a year, under the MoP notified pilot scheme for aggregation of 2500 MW for 3 years (under Medium Term) through competitive bidding
- The overall energy scenario for the state in FY 2021-22 and FY 2022-23 is given below –

Particulars	2021-22 (Estimates)	2022-23 (Projections)
Energy Requirement (MU)	72,178	84,222
Energy Availability (MU)	75,386	87,288
Surplus /Deficit (MU)	3,208	3,066

e) Power Purchase Cost Estimate for the state of Telangana for FY 2021-22 and FY 2022-23

- The licensee has considered the actual variable and fixed costs paid to all the generating stations for FY 2020-21 and H1 FY 2021-22. For H2 FY 2021-22 and FY 2022-23, the Petitioner has taken the

provisional fixed cost and variable cost projections shared by the respective generating stations (except TSGENCO, CGS stations).

- For TSGENCO thermal stations, for H2 FY 2021-22, the licensee has taken the fixed cost projections in line with the actuals for H1 FY 2021-22. For FY 2022-23, the licensee has taken the projections as provided by the respective stations.
- For CGS thermal stations, the licensee has taken the fixed cost projections for H2 FY 2021-22 and FY 2022-23 in line with the actuals for H1 FY 2021-22. The variable cost projections for H2 FY 2021-22, have been considered in line with the actual variable rates paid in H1 FY 2021-22. The projections for FY 2022-23, have been taken in line with the arrived station-wise projections for FY 2021-22.
- The average Power Purchase cost at state level is estimated to be Rs. 4.65/kWh for FY 2021-22 and INR 4.68/kWh for FY 2022-23.
- **Category Wise Revenues:** The table below shows a comparison of the revenue from various consumer categories (FY2020-21) and expected revenue from current tariffs (FY2021-22 and FY2022-23) by TSSPDCL.

Rs. in crore

Revenue from Current Tariffs (Rs.Crs.)	2020-21 Actual	2021-22 Estimate	2022-23 Projection
LT Category	7680	8036	8534
LT-I: Domestic	4210	4,333	4626
LT-II: Non-Domestic/Commercial	2285	2523	2689
LT-III: Industry	729	695	712
LT-IV: Cottage Industries	4	4	5
LT-V: Agricultural	47	49	51
LT-VI: Street Lightning & PWS Schemes	303	309	327
LT-VII: General Purpose	38	43	44
LT-VIII: Temporary Supply	63	79	81
LT-IX: Electric Vehicle Charging Stations	0.01	0.03	1.04
HT Category	11674	13785	16888
HT-I(A): Industry (General)	7079	8358	9144
HT-I(A): HMWSSB	402	550	551
HT-I(B): Ferro-Alloy Units	66	100	102
HT-II: Others	2083	2606	2659
HT-III: Airports, Bus Stations and Railway Stations	41	58	61
HT-IV: Irrigation & CPWS	1539	1508	3635
HT-V: Railway Traction & HMR	151	247	326
HT-VI: Townships & Residential Colonies	145	161	184
HT-VII: Temporary	167	195	218

Revenue from Current Tariffs (Rs.Crs.)	2020-21 Actual	2021-22 Estimate	2022-23 Projection
HT-IX: Electric Vehicle Charging Stations	0.96	2	8
Total	19353	21821	25422

The gross revenue to the licensee (Excl. NTI) for 2020-21 is Rs 19353 crore vis-à-vis actuals of the previous year of Rs. 20493.35 crore, due to drastic decline in the revenues from all categories excepting Domestic, Agriculture and CPWS owing to pandemic impact in the last financial year FY 2020-21. During 2021-22 the estimated revenue from sale of power by TSSPDCL is estimated at Rs.21,820.56 crore, with an increase in metered sales by ~17% over FY20-21.

For FY 2022-23 the estimated revenue from sale of power by TSSPDCL is estimated at Rs.25,421.76 crore, with an increase in metered sales by ~20% over FY21-22, predominantly contributed by the LIS sales.

Major reasons for losses:

The main reasons for the losses are the policies of the Govt. of India as shown below

1. Increase in Clean Energy Cess on coal from Rs 50/ton to Rs 400/ton leading to a loss of 24 paise on each unit
2. Increase in cost of coal by about 6% to 10% every year
3. Increase in Railway Freight by 40% in the last 4 years
4. Increase in per unit cost of thermal power plants due to their backing down to enable must run status of renewables

The estimated revenue gap for the licensee for the ensuing years (FY2021-22, FY 2022-23):

Particulars	Rs. in crore	
	2021-22 (Estimated)	2022-23 (Projection)
Total Expenditure		
Power purchase	23002	26411
Transmission charges	2009	2384
PGCIL / ULDC Charges	1081	1161
SLDC Charges	36	32
Distribution cost	4225	4671
Interest on consumer deposits	159	175
Supply Margin	33	38

Particulars	2021-22 (Estimated)	2022-23 (Projection)
Other Costs	-	-
ARR	30544	34870
Total Revenue		
Revenue from CSS and AS	287	287
Revenue at Current Tariffs* (Including NTI)	21852	25455
Govt. Subsidy	1398	1398
Net Regulatory Gap	7008	7731

Gross revenue from LIS category as per the above-mentioned projections is estimated to be Rs. 1,211.89 Cr., which is 5% of the gross revenue of Rs 21,820.56 Cr. projected for TSSPD0CL in the year FY 2021-22.

Similarly, Gross revenue from LIS category as per the above-mentioned projections is estimated to be Rs. 2,505.05 Cr., which is ~10% of the gross revenue of Rs. 24,610.33 Cr. projected for TSSPDCL in the year FY 2022-23.

In this regard the licensee submits to the Hon'ble Commission that, the projections of sales in this category is based on Trend method (which has historical consumptions trend factored) but is only through End-user method (after factoring the additional load shared by Irrigation department). The Licensee prays that the Commission considers any deviation in actual sales vs approved for this category due to high impact such deviations in the upcoming lift irrigation projects will cause on the overall sales and projected revenue. The Licensee prays that the true up of actual sales and revenue for this category be allowed as an exception in the coming year, as this is the year where commissioning of majority of the new pumps have been projected and any delay in the same will impact the Discom financial position very severely. Hence the Licensee pray to the Commission to make necessary additional provisions to the existing clauses mentioned in this regard as per Regulation no. 4 of 2005 of APERC which is "Terms and conditions for determination of tariff for wheeling and Retail sale of Electricity" in this case considering the exceptional scenario involving a subsidizing category.

11. Based on the information available, the Applicant has made sincere efforts to comply with the Regulations of the Hon'ble Commission and discharge its obligations to the best of its abilities. However, should any further material information become available in the near future, the Applicant reserves the right to file such additional information and consequently amend/ revise the application.

12. This filing has been discussed and approved by the Board of Directors of TSSPDCL and Sri G.Raghuma Reddy, Chairman and Managing Director of TSSPDCL has been authorised to execute and file the said document on behalf of TSSPDCL. Accordingly, the current filing documents are signed and verified by, and backed by the affidavit of Sri G.Raghuma Reddy, the Chairman and Managing Director of TSSPDCL.
13. In the aforesaid facts and circumstances, the Applicant requests that the Hon'ble Commission may be pleased to:
- Take the accompanying ARR application of TSSPDCL on record and treat it as complete;
 - To grant the opportunity to TSSPDCL to submit Tariff proposal at a later date
 - Grant suitable opportunity to TSSPDCL within a reasonable time frame to file additional material information that may be subsequently available;
 - Consider and approve TSSPDCL's ARR application including all requested regulatory treatments in the filing;
 - Pass such order as the Hon'ble Commission may deem fit and proper in the facts and circumstances of the case.

SOUTHERN POWER DISTRIBUTION COMPANY OF TELANGANA LIMITED

.....Applicant

Through

Place: Hyderabad
Dated: 30.11.2021


CHAIRMAN AND MANAGING DIRECTOR

G. RAGHUMA REDDY
Chairman & Managing Director
Southern Power Distribution Company
of Telangana Limited (TSSPDCL)
Mait Compound, Hyderabad 500 083.

**BEFORE THE HONOURABLE TELANGANA STATE ELECTRICITY REGULATORY
COMMISSION**

AT ITS OFFICE AT 5th Floor, Singareni Bhavan, Red Hills, Hyderabad - 500 004

CASE NO. _____/2021

In the matter of:

Determination of the Aggregate Revenue Requirement (ARR) for Retail Supply Business for the year 2022-23 under Section 62 of the Electricity Act, 2003.

In the matter of:

SOUTHERN POWER DISTRIBUTION COMPANY OF TELANGANA LIMITEDApplicant
6-1-50, Corporate Office, Mint Compound, Hyderabad 500063, Telangana, India.
Phone No. (040) 2343 1018; Fax No. (040) 2343 1082; website: www.tssouthernpower.com

The Applicant respectfully submits as under:

Affidavit of Applicant verifying the application filed under section 62 of the Electricity Act, 2003 and in accordance with the Regulation 4 of 2005.

I, Sri G. Raghuma Reddy, son of Sri G. Janga Reddy (Late), working for gain at the Southern Power Distribution Company of Telangana Limited do solemnly affirm and say as follows:

- 1 I am the Chairman and Managing Director of Southern Power Distribution Company of Telangana Limited (TSSPDCL).
- 2 I am competent and duly authorised by TSSPDCL to affirm, swear, execute and file this affidavit in the present proceedings.
- 3 As such, I submit that I have been duly authorised by the Board of Directors of TSSPDCL to submit the application of TSSPDCL for Retail Supply Business for FY 2022-23 as per Terms and Conditions of Tariff for Wheeling and Retail Sale of Electricity (Regulation 4 of 2005), to the Hon'ble Commission.
- 4 I submit that I have read and understood the contents of the appended application of TSSPDCL. The facts stated in the application are true to the best of my knowledge, which are derived from the official records made available and certain facts stated are based on information and advice which, I believe to be true and correct.

- 5 In the aforesaid facts and circumstances, the Applicant requests that the Hon'ble Commission may be pleased to
- Take the accompanying ARR application of TSSPDCL on record and treat it as complete;
 - To grant the opportunity to TSSPDCL to submit Tariff proposal at a later date
 - Grant suitable opportunity to TSSPDCL within a reasonable time frame to file additional material information that may be subsequently available;
 - Consider and approve TSSPDCL's ARR application including all requested regulatory treatments in the filing;
 - Pass such order as the Hon'ble Commission may deem fit and proper in the facts and circumstances of the case.



DEPONENT

G. RAGHUMA REDDY

Chairman & Managing Director
Southern Power Distribution Company
of Telangana Limited (TSSPDCL)
Mint Compound, Hyderabad 500 063.

VERIFICATION:

I, the above-named Deponent solemnly affirm at Hyderabad on this 30th day of November 2021 that the contents of the above affidavit are true to my knowledge, no part of it is false and nothing material has been concealed there from.



DEPONENT

G. RAGHUMA REDDY

Chairman & Managing Director
Southern Power Distribution Company
of Telangana Limited (TSSPDCL)
Mint Compound, Hyderabad 500 063.

V. Anil Kumar

Solemnly affirmed and signed before me.

V. ANIL KUMAR
COMPANY SECRETARY

TSSPDCL, Corporate Office & Registered Office
6-1-50, Mint Compound,
HYDERABAD-500 063. T.S.

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List of Abbreviations:

Agl	Agriculture
APGPCL	Andhra Pradesh Gas Power Corporation Limited
ARR	Aggregate Revenue Requirement
AS	Additional Surcharge
CAGR	Compound Annual Growth Rate
CERC	Central Electricity Regulatory Commission
CGS	Central Generating Station
CoD	Date of Commercial Operation
CoS	Cost of Service
CSPGCL	Chhattisgarh State Power Generation Company Limited
CSS	Cross Subsidy Surcharge
CUF	Capacity Utilization Factor
DISCOMs	Distribution Companies, Distribution Licensees, Licensees
DSM	Demand Side Management
DTR	Distribution Transformer
EHT	Extra High Tension
FY	Financial Year
GoI	Government of India
GoTS	Government of Telangana
GTCS	General Terms and Conditions of Supply
HMR	Hyderabad Metro Rail
HP	Horse Power
HT	High Tension
IDC	Interest During Construction
IPPs	Independent Power Producers
JNNSM	Jawaharlal Nehru National Solar Mission
kV	Kilo Volt
kVAh	Kilo-Volt-Ampere-hour
kWh	Kilo Watt hour
LI	Lift Irrigation
LT	Low Tension
MoP	Ministry of Power
MSW	Municipal Solid Waste
MoU	Memorandum of Understanding
MU	Million Units
MW	Mega Watts
MYT	Multi Year Tariff
NCE	Non-Conventional Energy
NTI	Non-Tariff Income
NTPC	National Thermal Power Corporation Limited
NVVNL	NTPCVidyutVyapar Nigam Limited
PGCIL	Power Grid Corporation of India Limited
PLF	Plant Load Factor
POC	Point of Connection
POSOCO	Power System Operation Corporation Limited
PPA	Power Purchase Agreement
PTR	Power Transformer
PWS	Public Water Supply
RDF	Refuse Derived Fuel
RoCE	Return on Capital Employed
RTC	Round The Clock
SLDC	State Load Dispatch Center
SRLDC	Southern Regional Load Dispatch Center
SRPC	Southern Regional Power Committee
SS	Sub Station
T & D	Transmission and Distribution
ToD	Time of Day

TSERC	Telangana State Electricity Regulatory Commission
TSGENCO	Telangana State Power Generation Corporation Limited
TSTRANSCO	Transmission Corporation of Telangana Limited
ULDC	Unified Load Dispatch and Communication
UMPP	Ultra Mega Power Project

Glossary

“3rd Control Period” refers to the period from FY2014-15 to FY2018-19.

“4th Control Period” refers to the period from FY2019-20 to FY2023-24.

“Aggregate Revenue Requirement (ARR)” means the revenue required to meet the costs pertaining to the licensed business; herein Retail Supply Business, for a financial year, which would be permitted to be recovered through tariffs and charges by the Hon’ble Commission.

“Base year” means the financial year immediately preceding the first year of the Control Period.

“Capacity Utilization Factor (CUF)” is the ratio of the actual output from a solar plant /wind plant over the year to the maximum possible output from it for a year under ideal conditions.

“Class Load Factor” of a consumer category is the ratio of average demand to the Peak Energy demand in MW which is derived from the category load shapes. It is calculated as

$$\text{Class Load Factor} = \frac{\text{Average demand of the consumer category in MW}}{\text{Peak Demand of the Consumer Category in MW}}$$

“Coincident Demand” in MW of a consumer category means the estimated contribution of that category to the system peak demand i.e. the load of the corresponding consumer category at the system peak hour.

“Coincidence Factor” of a consumer category represents the percentage of coincident demand of the category in the peak demand of the respective category. Coincidence factor is calculated as

$$\text{Coincidence Factor of a consumer Category} = \frac{\text{Coincident Demand of the Consumer Category in MW}}{\text{Non Coincident Demand of the Consumer Category in MW}}$$

“Compound Annual Growth Rate (CAGR)” is the mean annual growth rate over a specified period of time longer than one year. CAGR is calculated as

$$N \text{ year CAGR} = \left(\frac{\text{Final Value}}{\text{Initial Value}} \right)^{\frac{1}{N}} - 1$$

“Control Period” means a multi-year period fixed by the Hon’ble Commission from time to time, usually 5 years.

“Current year” refers to FY2020-21.

“Date of Commercial operation or CoD” means the date declared by the generator after demonstrating the Maximum Continuous Rating (MCR) or Installed Capacity (IC) through a successful trial run after notice to the beneficiaries and in relation to the generating station means the date of commercial operation of the last unit or block of the generating station.

“Distribution Business” means the business of operating and maintaining a distribution system for supplying electricity in the area of supply of the Distribution Licensee in terms of the Distribution and Retail Supply License.

“Distribution Losses” means aggregate technical & commercial losses from LT level to 33kV voltage.

“EHT” refers to a voltage of 132kV and above.

“Ensuing year” refers to FY2021-22.

“External Losses” means the losses pertaining to the network external to the State periphery.

“H1” refers to the first half i.e. April to September of a financial year.

“H2” refers to the second half i.e. October to March of a financial year.

“HT” refers to a voltage of 11kV and above but less than 132kV.

“Licensee” hereafter refers TSSPDCL.

“Load Shapes” of a consumer category means hourly load curve or load profile of that category illustrating the variation in demand over a specific time.

“LT” refers to a voltage of 415 V (Three phase Supply) & 230V (Single phase Supply).

“Non-Coincident Demand” in MW of a particular consumer category means the peak demand of that consumer category, irrespective of the time of day.

“Non-Tariff Income (NTI)” means income relating to the licensed business other than from tariffs for wheeling and retail sale, and excludes any income from other business and income on account of Fuel Surcharge Adjustment, Cross-Subsidy Surcharge and Additional Surcharge.

“Plant Load Factor (PLF)” for a given period means the total sent-out energy corresponding to scheduled generation during such period, expressed as a percentage of sent-out energy corresponding to installed capacity in that period.

“Point of Connection Charges (POC)” means the Inter State Transmission Charges to the Designated Inter State Transmission Customers which depends on location of the node in the grid and is calculated as per the relevant regulations notified by CERC.

“Retail Supply Business” means the business of sale of electricity by the Licensee to consumers, in accordance with the terms of the Distribution and Retail Supply License.

“Scheduled Generation” at any time or for any given period or time block means the schedule of generation in MW ex-bus given by the State Load Dispatch Centre.

“Transmission Losses” means the losses pertaining to the network at a voltage level of 132kV and above.

1 INTRODUCTION

1.1 Factual Background

- 1.1.1 Southern Power Distribution Company of Telangana Limited (TSSPDCL) [formerly Central Power Distribution Company of Andhra Pradesh Limited, APCPDCL] was incorporated under the Companies Act, 1956 as a public limited company and has Distribution and Retail Supply of Electricity license (License No.13 of 2000), granted by Hon'ble Commission (former APERC) in O.P.No.643/2000, dated 29.12.2000 u/s 15 of Andhra Pradesh Electricity Reform Act, 1998 effected from 1st April, 2001, all conditions as contained in License shall be deemed to have been specified u/s 16 of the Electricity Act, 2003 as per Hon'ble Commission (former APERC) notified Regulation 8 of 2004.
- 1.1.2 In terms with Schedule XII to the Andhra Pradesh Reorganisation Act, 2014 [APR Act], which came into effect on 2nd June, 2014, the Anantapur and Kurnool districts, which fall within the jurisdiction of the APCPDCL have been reassigned to the Southern Power Distribution Company of Andhra Pradesh Limited (APSPDCL). Accordingly two (2) operating circles of the Licensee viz., Anantapur and Kurnool were demerged and assigned to APSPDCL effective on the appointed date i.e., 02.06.2014. Assets and Liabilities of the Licensee were bifurcated in terms of Transfer Guidelines issued by united State of Andhra Pradesh in G.O.Ms.No.24, dated 29.05.2014.
- 1.1.3 In pursuant to the provisions of Section 13 and other applicable provisions of Companies Act, 2013 the name of the company has been changed from APCPDCL to **Southern Power Distribution Company of Telangana Limited** (TSSPDCL) w.e.f. 27.05.2014. The Hon'ble Commission in its order dated 17th March, 2017 in O.P No. 3 of 2017, has allowed the name of the license to be the Southern Power Distribution Company of Telangana State Limited (TSSPDCL) in place of the Central Power Distribution Company of Andhra Pradesh Limited (APCPDCL).

1.2 Multi-Year Tariff (MYT) Principles

- 1.2.1 The Hon'ble Commission (former APERC) has notified Regulation 4 of 2005 laying down the principles for determination of Aggregate Revenue Requirement (ARR) for Retail Supply Business which will be the basis for the fixation of the Tariff/Charges for retail sale of electricity including surcharges. This Regulation introduced Multi-Year-Tariff (MYT) framework.
- 1.2.2 The Hon'ble Commission (TSERC) has notified Regulation 1 of 2014 on 10.12.2014 (Adoption of Previously Subsisting Regulations, Decisions, Directions or Orders, Licenses and Practice of Directions) wherein clause 2 stipulates that -

“All regulations, decisions, directions or orders, all the licences and practice directions issued by the erstwhile Andhra Pradesh Electricity Regulatory Commission (Regulatory Commission for States of Andhra Pradesh and Telangana) in existence as on the date of the constitution of the Telangana State Electricity Regulatory Commission and in force, shall mutatis-mutandis apply in relation to the stakeholders in electricity in the State of Telangana including the Commission and shall continue to have effect until duly altered, repealed or amended, any of Regulation by the Commission with effect from the date of notification as per Notification issued by the Government of Telangana in G.O.Ms.No.3 Energy(Budget) Department, dt.26-07-2014 constituting the Commission.”

- 1.2.3 As such, all Regulations notified by erstwhile APERC will continue to apply for the state of Telangana.

1.3 Past Control Period Filings

- 1.3.1 As per the Regulation 4 of 2005, the licensee is required to file the ARR along with Filing for Proposed Tariff (FPT) for Retail Supply Business for a period of 5 years called control period for approval by the Hon'ble Commission not less than 120 days before the commencement of 1st year of the control period. The 3rd control period covers the years from 2014-15 to 2018-19.

- 1.3.2 However, the licensee expressed its inability to make filings for Retail Supply Business for entire 3rd control period in view of uncertainty involved in projections of generation availability, power purchase cost viz., a) projections of quantum of power to be purchased from various sources as well as in cost; and b) demand side uncertainties. Moreover, due to the regulatory objectives (i.e., incentivize the performance of the licensee based on its achievement vis-à-vis targets; and providing tariff certainty to the consumers) of MYT regime are not being met, instead sought approval of the Hon'ble Commission to allow it to file the ARR for Retail Supply Business on annual basis, year after year, i.e., for FY2014-15, for FY2015-16, for FY2016-17, for FY2017-18 and for FY2018-19. The Hon'ble Commission has been kind enough in granting permission for filing ARR on annual basis vide proceedings No.Secy./DD(EAS)/S-98/260/ 13, dated 01.11.2013 for FY2014-15, vide letter No.TSERC/DD(T-Engg)/T-03 of 2014/D.No./14, dated 15.12.2014 for FY2015-16, vide letter No.TSERC/Tariff/DD(T-Engg)/T-01of 2015/D.No.751/15, dated 28.09.2015 for FY2016-17 and vide letter no.TSERC/Tariff/DD(T-Engg)/T-03/2015/D.No.708/16, dated 19.11.2016 for FY 2017-18. Accordingly, the Licensee has filed the ARR filings with the Hon'ble Commission. And FY 2018-19 being the last year of the 3rd control period, the licensee has filed the ARR for one year.

1.4 Present Filings

- 1.4.1 With regard to current filings of Retail Supply Business for the 4th control period i.e., FY 2019-20 to FY 2023-24, the Licensee represented vide letter dated 08.11.2018 that the requirements of Multi-Year-Tariff (MYT) filing should be waived and sought permission of the

Hon'ble Commission for filing ARR and Tariff proposals on annual basis from here on and specifically for 1st year of 4th control period. The Licensee explained that the uncontrollable factors and significant uncertainties involved are likely to continue in the coming years as well.

- 1.4.2 The Hon'ble Commission has informed vide proceedings No. S/RO-1/5/Secy-1/D.No. Dated: 20.11.2018, that the Commission may consider the request of the Licensees to permit to file the ARR and Retail supply filings for one year i.e, for FY2019-20 only instead of entire 4th control period subject to filing of True-ups for Distribution Business for 1st & 2nd control periods duly bifurcating the assets of Ananthapur & Kurnool districts. As per the directions of the Hon'ble Commission, the Licensee has filed the True-ups for Distribution Business for 1st & 2nd control periods on 28.01.2020 duly bifurcating the assets of Ananthapur & Kurnool districts as a part of additional information to the Filings for ARR and Wheeling Tariff Proposals for 4th MYT Control Period.
- 1.4.3 The Licensee in its ARR petition for FY 2019-20, FY2020-21 and FY 2021-22 humbly requested the Hon'ble Commission to permit annual filing of ARR for the FY2019-20 to FY2021-22 along with filing of proposed tariffs for FY2021-22, as the inability expressed by the licensee to make filings for Retail Supply Business for 4th control period due to uncontrollable factors and significant uncertainties explained are likely to continue in the coming years. The petition is still pending for approval from the Honble Commission.
- 1.4.4 Further the licensee vide its letter dated 28.09.2021 requested the Honble Commission to permit the licensee to file ARR and Tariff Petition for retail supply business on annual basis from hereon and specifically for the 4th year i.e. FY 2022-23 of the 4th MYT Control Period. The Honble Commission has allowed the licensee to file retail supply tariff petitions for the remaining two years in the present control period that is FY 2022-23 and FY 2023-24 on annual basis vide its letter no. S/R.O.-1/5 Secy/JD(Law)-02/D.No. 518/2021 dated 05.11.2021.
- 1.4.5 The current filings follows the principles laid down in Regulation 4 of 2005 r/w its first amendment Regulation 1 of 2014 for determination of Aggregate Revenue Requirement (ARR) for Retail Supply Business for the year 2022-23 (4th year of the 4th control period) u/s 62 of the Electricity Act, 2003 and consists the following:-
- a) ARR for Retail Supply Business for FY2022-23.
 - b) Revenue projections at current tariffs including Cross subsidy surcharge and Additional Surcharge for Retail Supply Business for FY2022-23.
 - c) Cost of Service for the FY2022-23.

1.5 Filing Contents

1.5.1 The application is structured in six (6) sections as given in table below:

Section 1: Provides factual background about TSSPDCL (Licensee). About these filings under regulatory MYT framework. The summary and the salient features of these filings.
(*this section*)

Section 2: Provides performance analysis of the Licensee during the previous year by considering certain key operational and financial parameters.

Section 3: Provides the sales forecast and power procurement plan of Licensee viz., Sales Forecast, Load Forecast and Power Procurement Plan for FY 2022-23.

The sales forecast is used to determine the energy input required for ensuing year for meeting the demand. For sales forecast of second half of FY2021-22 and for the year 2022-23, historical sales of Licensee has been considered to arrive at growth trend.

Energy requirement is arrived by grossing up the projected sales with Hon'ble TSERC approved Transmission & Distribution (T&D) losses.

Discusses the methodology and assumptions considered for estimating the quantum and corresponding cost of power purchase. The power procurement plan is based on the availability of the generation sources during the ensuing year to meet the demand expected during various months

Section 4: Provides actual expenditure for FY2020-21 and Expenditure Projections for FY2021-22 and FY2022-23 consisting of:-

- Power Purchase and Procurement Cost
- Transmission and PGCIL Charges
- SLDC Charges
- Distribution Cost
- Interest on Consumer Security Deposits
- Supply Margin
- Other Costs
- ARR for Retail Supply Business for FY 2022-23

Section 5: Provides the details of actual revenue FY 2021-22 and revenue estimated with current tariffs for FY2021-22 and FY2022-23 including revenue from Cross Subsidy and Additional Surcharge. It also contains the actual revenue gap for FY2020-21 and projected Revenue gap with current tariffs for FY2021-22 & FY2022-23.

Section 6: Presents the estimated Cost of Service (CoS) for various consumer categories of the Licensee for the year 2022-23 by classifying the costs into demand, energy and customer related components and then apportioning the same to various consumer categories.

2 EFFICIENCY & PERFORMANCE

2.1 Operational Performance

The performance of the licensee is analyzed duly considering certain key operational and financial parameters during FY2020-21 and FY 2021-22(estimates).

2.1.1 Energy Balance

Particulars	2020-21 (Actuals)		2021-22 (Estimate)	
	MU	%	MU	%
Metered Sales	26529.83	62.51	31268.30	66.38
LT Agricultural Sales	11744.84	27.67	11647.65	24.73
Total Sales	38274.67	90.18	42915.95	91.11
ADD: Distribution Losses (incl. EHT sales)	4167.84	9.82	4188.14	8.89
Energy required at Discom level	42442.52	100.00	47104.08	100.00
Distribution Losses (excl. EHT sales)	4167.84	10.97	4188.14	10.07

2.1.2 Metered Sales

In FY 2020-21, the metered sales were decreased by 2561 MU mainly due to lockdowns imposed due to Covid-19 pandemic. In the LT system, decline of sales reflected in LT-II Non-domestic combined with slight increase in LT-I Domestic category led to lower sales by 220 MU compared to previous year FY 2019-20 sales. There was a huge decline of consumption evinced across all categories and voltages in the HT except CPWS category resulting in lesser sales by 2351 MU than the preceding year.

In the current year FY 2021-22, the metered sales for H1 is increased by 17.6% compared to previous year, accordingly 17.8% overall growth projected for FY2021-22.

2.1.3 Agricultural sales

In FY 2020-21, the agricultural consumption was 11744.84 MU which is higher than the previous year by 926 MU. This is due to increase in number of connections released compared to previous year. The number of agricultural services released in FY 2020-21 is 48154 as against 28,367 during FY 2019-20.

In the current year 2021-22, the total sales in the first half increased by 13.59% over the first half of FY20-21. Further, against the target for release of agricultural services

for FY2021-22 which was 76,260 nos, the number of services released till September 2021 is 19,248 nos. Due to very good rainfall during monsoon season in the current year and expecting improvement in ground water levels, the agricultural consumption expected to be at 11647 MU.

2.1.4 Distribution Loss

Year	Loss Target as per ERC		Actual		No. of 11 kV T&MHQ feeders for which energy audit done	11 kV 2 MVAR capacitor banks added to the system	Additional 33/11 kV sub-stations charged
	Excl. EHT	Incl. EHT	Excl. EHT	Incl. EHT			
2010-11	14.71	13.1	17.34	15.67	1644	108	90
2011-12	13.86	12.34	18.13	16.36	1768	32	67
2012-13	13.67	12.18	16.28	14.78	1871	77	70
2013-14	12.84	11.44	14.63	13.20	1988	91	60
2014-15	-	-	14.19	12.92	1738	50	81
2015-16	11.63	10.57	12.65	11.59	1764	63	105
2016-17	10.94	9.79	12.45	11.38	1955	137	63
2017-18	10.78	9.70	12.45	11.35	2000	46	61
2018-19	10.81	9.63	11.55	10.34	2248	181	105
2019-20	-	-	10.79*	9.43*	2409	91	29
2020-21	-	-	10.67*	9.36*	2461		
2021-22 H1	-	-	10.06*	8.75*	2477		

*Losses including Open Access sales

As seen from the above table, the actual losses for the FY 2020-21 are 9.36 % which is reduced compared to previous year loss. However, it is expected to reduce the losses further with the implementation of the following measures.

- i) Reduction of both technical and commercial losses by vigorously conducting 11 kV feeder wise energy audits around 7575Nos. feeders in the company.
- ii) During the year 2020-21, 2461Nos. feeders (Towns and Mandal Headquarters) are available in EAUDIT for which energy audit is done on regular basis at corporate office level.
- iii) 176Nos. additional 11 KV 2 MVAR capacitor banks were proposed during the year 2020-21.

For the year 2019-20, 29Nos. additional 33/11kV sub-stations are charged and for H1 of 2020-21, 7Nos. sub-stations are charged.

2.1.5 Energy Conservation Measures

Licensee has taken the following initiatives for Energy Conservation during FY 2019-20.

- Energy Audit of 80 Towns feeders and 166 Mandal Head Quarter feeders.

The theft of power was arrested by regular inspections by the DPE wings and special intensive inspections with the DPE & Operation Wings of all circles. During the FY 2019-20 in both HT & LT connections, total 1,55,409 no. of cases were booked in Pilferage.

2.2 Financial Performance

The following table provides an overview of TSSPDCL's financial performance for the year 2020-21:

2.2.1 Financial Performance Summary

The financial results of the Company for the year ended on 31st March, 2021 are as follows:

Particulars	2020-21 Actual
Supply Margin	28.31
ROCE/Interest	615.99
Total Financing Cost	644.29
Power purchase	20755.29
Transmission charges	1629.07
PGCIL/ULDC Charges	1066.30
SLDC Charges	34.60
O&M (Gross)	2611.39
Depreciation	1066.58
Interest on consumer deposits	148.06
Special appropriations for safety measures	0
<i>Less: Expenses capitalized</i>	<i>-82.15</i>
Other Costs	9.67
Total Exp. Incl. Finance cost	27883.11
Total Revenue	20188.84
Non-tariff Income (Distribution Business)	437.72
Non-Tariff Income (Retail Supply Business)	29.98
Revenue at Current Tariffs	19352.97
Cross Subsidy Surcharge & Additional Surcharge	352.34
Revenue from Wheeling	15.84
Regulatory Gap/(Surplus)	7694.26
Govt. Subsidy	1397.5
Net Regulatory Gap/(Surplus)	6296.76

**Actual depreciation is after netting of amortization of depreciation on Consumer Contribution assets reflected on Revenue side in P&L a/c.*

The paragraphs below explain the deviations in key elements:

2.2.2 Revenue from sale of Electricity

The actual revenue from sale of power of the licensee for 2020-21 is Rs.19353 crore vis-à-vis actuals of the previous year of Rs.20493 crore, which is lower by Rs. 1140 crore. There was a drastic decline in the revenues from all categories excepting Domestic, Agriculture and CPWS owing to pandemic impact in the last financial year FY 2020-21.

For the key categories, the category wise actual revenue is tabulated below:

Consumer Categories	2020-21
L.T. Supply	7679.54
Domestic Supply	4210.40
Non-Domestic Supply	2285.28
Industrial Supply	733.49
Irrigation & Agricultural	46.79
LT Others	403.58
H.T. Supply	11673.39
Indl Segregated	7480.19
Ferro-Alloys	66.28
Others	2083.06
Aviation	41.12
Irrigation, Agriculture & CPWS	1539.21
Traction	150.63
HT Others	312.91
Total	19352.94

2.2.3 Power purchase cost

In FY2020-21 the actual power purchase cost for TSSPDCL is Rs 20755.30 crores for purchase of energy of 44051.86 MU. The average power purchase cost per unit for FY 2020-21 is Rs 4.71 which is higher than the previous year by 2.15%. The increase of average power purchase cost in FY 2020-21 over the previous year 2019-20 is mainly due to the following reasons:

- Decrease in Hydel generation in FY 2020-21 by 614 MUs effectively increase per unit cost of generation.
- Increase in per unit short term power procurement costs from Rs. 3.71 in FY 2019-20 to Rs. 3.95 in FY 2020-21.
- Increase in TSGENCO fixed costs and increase in variable costs of CGS stations compared to last FY 2019-20.

In FY 2021-22, the actual power purchase cost for TSSPDCL is Rs 23002.01 crores for purchase of energy of 49329.99 MU. The average power purchase cost per unit for FY 2021-22 is Rs 4.66 which is lower than the previous year by 1.07%. The decrease of average power purchase cost in FY 2021-22 over the previous year 2019-20 is mainly due to the following reasons:

- Increase in Hydel generation in FY 2019-20 by 1057 MUs effectively reduced per unit cost of generation.
- Decrease in per unit short term power procurement costs from Rs. 3.95 in FY 2020-21 to Rs. 3.59 in FY 2021-22.

Major reasons for losses:

The main reasons for the losses are the policies of the Govt. of India as shown below

1. Increase in Clean Energy Cess on coal from Rs 50/ton to Rs 400/ton leading to a loss of 24 paise on each unit
2. Increase in cost of coal by about 6% to 10% every year
3. Increase in Railway Freight by 40% in the last 4 years
4. Increase in per unit cost of thermal power plants due to their backing down to enable must run status of renewables

2.2.4 Distribution cost

The major deviations in the key elements of distribution cost against tariff order approved values for FY2020-21 are explained below:

Particulars	Tariff Order	Actual	Deviation
Operation and Maintenance Charges	2950	2611	339
Employee Cost	2601	2311	291
Administration & General	188	153	35
Repairs & Maintenance	161	147	14
Depreciation	850	1067	(217)
Return on Capital Employed	647	616	31

O&M cost:

The operation and maintenance expenses incurred during FY2020-21 are lower than the Tariff order approved values by Rs. 339 crores which is mainly due to consideration of assumed escalated norms in the Tariff Order for every year of the Control Period.

Depreciation:

The depreciation expenses for FY2020-21 is Rs. 691 crores (computed as per MoP rates of depreciation) excluding amortized depreciation on consumer contributed assets of Rs. 375 crores. One of the prime factors for variance is that depreciation is been calculated from the date of Capitalization of the asset unlike the Hon'ble Commission's methodology of computing depreciation on Opening Balance of Fixed Assets for the financial year as per the rates of depreciation as notified by the CERC in its (Terms and Conditions of Tariff) Regulation, 2019. Secondly, the addition of fixed assets during the year is higher than the approved values by Rs. 512 crores also accounted for higher depreciation than the approved.

Return on Capital Employed (RoCE):

The Return on capital employed computed for FY 2019-20 is Rs.583.22 Crs against to the tariff order approved value of Rs.573.77 Crs which is due to change in asset additions and consumer contributions & grants along with increase in average cost of debt to 9.93% p.a. vis-à-vis 9.85% as approved by the Commission which is shown below.

Particulars	Tariff order	Actual	Variance
Regulated Rate Base	5270	5326	55
WACC	10.89%	10.95%	0.06%
Cost of Debt	9.85%	9.93%	0.08%
Return on Equity	14.00%	14.00%	-

2.3 Performance Reports

In accordance with the directive No.1 referred under Fresh Directives [para 172, page 172] in Tariff Order dated 20th March, 2008 issued for Retail Supply Tariffs for the year 2008-09, the Performance Reports of the Licensee are provided as **Annexure-IV** to this application.

2.4 Status on Implementation of Directives

2.4.1 The status of implementation of directives issued in Retail Supply Tariff Order for FY2018-19, Cross Subsidy Surcharge and Additional Surcharge Order dated 27th March, 2018 is detailed in Table given below:

Directive No.	Description	Compliance Report
A: EARLIER DIRECTIVES		
8.1	Imported Coal The DISCOMs are directed to verify whether imported coal is being procured through competitive bidding process, or under any guidelines issued in this regard by Gol, before admitting the	As per TSGENCO's letter, the entire coal requirement for TSGENCO Thermal power stations are being met from M/s. SCCL, which clarifies that no imported coal is being procured by TSGENCO.

Directive No.	Description	Compliance Report
	Station wise power purchase bills.	
8.2	<p>Quality of Domestic Coal The DISCOMs are directed to verify that the GCV of coal for which the price is being paid by its contracted generating stations should not be less than the minimum of the range of GCV specified for that particular grade.</p>	<p>TSGENCO is procuring entire coal requirement from M/s. Singareni Collieries Company Ltd., which is also a State Government company. As per the directions of Ministry of Power; CEA, New Delhi has requested all power utilities to carry out third party sampling of coal at loading/unloading points by Central Institute of Mining and Fuel Research (CIMFR). It is informed that TSGENCO has signed a tripartite agreement with M/s. SCCL & Council of Scientific and Industrial Research (CSIR) on third party sampling for coal quality monitoring. The coal sampling is being taken up by TSGENCO accordingly. The directive for verification of GCV/coal quality for the grade range in accordance with Fuel Supply Agreement (FSA) entered by TSGENCO with M/s. SCCL, has already been taken up by TSGENCO under third party sampling verification as submitted above. Hence, the directive has already been complied with.</p>
8.3	<p>Transportation of Failed Transformers The DISCOMs shall ensure that the transportation of failed transformers is done at the cost of DISCOMs. In case, vehicle provided to sub-division, for this purpose, is unable to meet the requirement, replacement of failed DTRs should be done by hiring a private vehicle for this purpose only. For hiring the vehicles (the tractor trailers are available in villages) wherever necessary, the schedule of rates either on kilo meter basis or on per day basis may be fixed. The DISCOMs are directed to submit the measures taken in this regard and expenditure incurred towards the same on half yearly basis.</p>	<p>The transportation of failed distribution transformers is being done at the cost of Discom and in case of transporting by the consumer the charges will be paid as per the approved rates of the Discom.</p> <p>Further, Instructions are issued to the field officers for payment of transportation charges to the hired vehicles for transportation of failed DTRs wherever department vehicles are not available vide Memo.No.CGM(O&M)/SE(O&M)/DE(O&M)-I/F./D.No.2239/17, Dated:27.02.2017</p>
8.4	<p>Segregation of Loads in Airport i. The Licensee is directed to segregate aviation activity loads and non-aviation activity loads of the consumer (GMR International Airport at Hyderabad) at the DISCOM metering point itself so as to have separate metering for both categories of loads in order to bill</p>	<p>Compliance Report has been submitted to the Hon'ble Commission vide Lr. No. CGM (IPC&RAC)/SE(RAC)/DE(RAC)/F.C26/D. No.466/18, Dated:26.06.2018.</p>

Directive No.	Description	Compliance Report
	<p>under appropriate category and submit the report to the Commission by the end of June 30, 2018. The Licensee is also directed to conduct a study on the load pattern of aviation activity for computing the cost of service as directed earlier.</p> <p>ii. The electricity consumed by the billboards outside the airport should be billed separately.</p>	
B: CURRENT YEAR DIRECTIVES		
8.5	<p>Submission of Tariff Proposals The DISCOMs are directed to submit the ARR and Tariff proposals on time i.e. by 30th November of current year in order to make the Tariff Order effective from 1st April of the next year.</p>	Will be complied.
8.6	<p>Automatic Starters For Agricultural Consumption In view of the State Government's initiative to provide 24-hours power supply for agricultural consumers, the DISCOMs are directed to do away with the usage of automatic starters so as to regulate the consumption of electricity. A detailed report of the same shall be submitted by 30.06.2018.</p>	The Licensee has given wide publicity and requested farmers to remove Automatic starters voluntarily to save the precious energy and water. Many farmers have removed auto starters voluntarily. The licensee has identified and removed 650788 Nos. of Auto Starters as on 31 st December 2020.
8.7	<p>Metering of Electricity Consumption By Poly-Houses And Green Houses In the Retail Supply Tariff Order for FY 2017-18, the Commission had approved the inclusion of poly-houses and green-houses in LT V category. These consumers should be metered and the number of consumers, connected load and consumption by those consumers should be reported separately in the tariff filings.</p>	Metering is already available for existing Polyhouses/ Greenhouses which are included in LT-V Category as per the RST Order for FY2017-18.
8.8	<p>Furnishing of Subsidy Amount Borne By the State Government in Consumer Bills The DISCOMs are directed to furnish the subsidy amount borne by the State Government, in the consumer bills of the applicable LT I (Domestic) category consumers. The per unit subsidy amount to be furnished in the consumer bills should be the difference of the CoS (in Rs./kWh) determined by the Commission for LT I category and the average tariff (in Rs./kWh) paid by the</p>	As per the directions of Hon'ble TSERC, the subsidy amount per unit borne by the Govt. is being displayed on the Electricity Bill of the applicable consumers i.e. LT-I Domestic category consumers.

Directive No.	Description	Compliance Report
	respective consumer.	
8.9	Procurement of Short-Term Power Procurement of power to meet demand on short-term basis shall always be on competitive bidding.	Short Term Power Procurement is being done on need basis through National e-bidding portal (Discovery of Efficient Electricity Price Portal-DEEP), which is functioning under the Ministry of Power, Govt. of India.
8.10	Standby Charges For Open Access The Commission directs the DISCOMs to file a separate Petition for determination of standby charges with their comprehensive proposal regarding the determination and levy of standby charges.	TSSPDCL is now filing the proposals for determining the parallel operation charges for captive plants along with these filings.
8.11	Poor Distribution Infrastructure i. Several stakeholders have expressed concerns regarding the sagging distribution lines, absence of AB switches and lack of protection for the DTRs. The DISCOMs are directed to take measures for providing adequate protective measures for the distribution infrastructure. The DISCOMs are directed to submit an action plan on the measures proposed to address the aforementioned issues within 3 months of issue of this Order. The DISCOMs are further directed to submit the progress of the proposed measures on half yearly basis. ii. Several stakeholders have expressed concerns that the poor distribution infrastructure is the main cause of electrical accidents. The DISCOMs are directed to submit a detailed report on its root-cause analysis of the electrical accidents in their respective supply areas during FY 2017-18 and the preventive measures adopted (at the place of accident as well as in the other areas of supply) for preventing such accidents within 3 months of issue of this Order.	The Program & Progress of rectification of Poor Distribution Infrastructure for FY2017-18 and the action plan for FY2018-19 has been submitted to the Hon'ble Commission vide Lr. No.CGM(IPC&RAC)/SE(RAC)/DE(RAC)/F.C26/D.No.474/18, Dated:03.07.2018. Also, the action plan for FY2020-21 & progress of FY20-21 is submitted to the Hon'ble Commission vide Lr.No.CGM(IPC&RAC)/SE(RAC)/DE(RAC)/F.C26/D.No.96/21, Dated: 18.08.2021 Further, the action plan for rectification of poor distribution infrastructure proposed for FY20-21 and the progress on the action plan proposed of FY20-21 is enclosed as Annexure-I. The report on the root cause analysis of electrical accidents during FY-2017-18 and the preventive measures adopted has been submitted to the Hon'ble Commission vide Lr.No.CGM(IPC&RAC)/SE(RAC)/DE(RAC)/F.C26/D.No.474/18, Dated:03.07.2018.
8.12	Release of Ex-Gratia in Cases of Electrical Accidents Several stakeholders have expressed concerns that the ex-gratia for affected parties due to electrical accidents is not	As per the directions of the Hon'ble Commission simplified online procedure has been adopted to release promptly the ex-gratia due to electrical accidents to the affected parties by providing a unique

Directive No.	Description	Compliance Report																								
	<p>being released promptly. The Commission directs the DISCOMs to strive to release the ex-gratia to the affected parties due to electrical accidents promptly. The applicants should be provided with a unique identification number upon receipt of application and status of the same should be intimated to the applicant and status of the application should be made available on the respective DISCOM's website.</p>	<p>identification number upon uploading the details viz., post mortem report, FIR, legal heir certificate, etc., in the online portal. Status of the application is intimated to the applicant and also made available on the TSSPDCL website. Further, the details of ex-gratia paid for accidents in FY18-19, FY19-20 & FY20-21 is as follows:</p> <table border="1" data-bbox="922 562 1466 824"> <thead> <tr> <th rowspan="2">Year</th> <th colspan="2">Human</th> <th colspan="2">Animal</th> </tr> <tr> <th>Nos.</th> <th>Amount Paid (Cr.)</th> <th>Nos.</th> <th>Amount Paid (Cr.)</th> </tr> </thead> <tbody> <tr> <td>FY18-19</td> <td>230</td> <td>10.14</td> <td>546</td> <td>1.7</td> </tr> <tr> <td>FY19-20</td> <td>225</td> <td>10.47</td> <td>395</td> <td>1.45</td> </tr> <tr> <td>FY20-21</td> <td>178</td> <td>8.74</td> <td>347</td> <td>1.29</td> </tr> </tbody> </table>	Year	Human		Animal		Nos.	Amount Paid (Cr.)	Nos.	Amount Paid (Cr.)	FY18-19	230	10.14	546	1.7	FY19-20	225	10.47	395	1.45	FY20-21	178	8.74	347	1.29
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FY19-20	225	10.47	395	1.45																						
FY20-21	178	8.74	347	1.29																						
8.13	<p>Submission of Duly Filled MIS Forms The Commission has designed and communicated MIS formats to both the DISCOMs in which data is to be furnished as per their periodicity mentioned. It has been observed that the Licensees are not complying to the timelines stipulated by the Commission in furnishing the requisite information. The Licensees are directed to furnish the requisite information, in electronic form as well as one printed copy, the specified formats within 15 days of the stipulated time intervals.</p>	Being Complied with the Directive.																								
8.14	<p>Participation in UDAY Scheme</p> <p>i. The DISCOMs shall submit the copy of detailed action plan, to the Commission, as stipulated in UDAY MoU to achieve the projected trajectory for AT&C loss and ACS-ARR gap by September 30, 2018.</p> <p>ii. The DISCOMs shall endeavour to reduce the AT&C losses to 9.90% and 10.00% for NPDCL and SPDCL respectively by FY 2018-19, as per the targets set forth in UDAY MoU. Further the DISCOMs are also directed to submit quarterly AT&C loss reports (division / circle wise).</p> <p>iii. The DISCOMs are directed to submit a quarterly progress report on operational milestones specified in DDUGJY & IPDS.</p>	<p>Action Plan to achieve the projected trajectory for AT&C Losses and ACS-ARR gap as stipulated in UDAY has been submitted to the Hon'ble Commission vide Lr.No.CGM(P)/SE(P)/DE(RE)/F.UDAY/D.No.2172/2018, Dt:03.01.2019</p> <p>The quarterly AT&C loss reports pertaining to 3rd & 4th quarter of FY2020-21 & 1st quarter of FY2021-22 has been submitted to the Hon'ble Commission vide Lr.No.CGM(RAC)/SE(RAC)/DE(RAC)/F.C26/D.No.239/21, Dated: 27.11.2021 respectively.</p> <p>Compliance Report has been submitted to the Hon'ble Commission vide Lr.No.CGM(P)/SE(P)/DE(RE)/F.UDAY/D.No.2172/2018, Dt:03.01.2019</p>																								

Directive No.	Description	Compliance Report
	iv. The DISCOMs shall achieve 100% DTR metering, 100% feeder metering, physical feeder segregation as stipulated in UDAY MoU and submit a quarterly report on the same.	
	v. The DISCOMs shall undertake the energy audit up to 11 kV level in rural areas by 31.03.2018 and furnish a report on energy audit by April 30, 2018.	
	vi. The DISCOMs shall replace 10% of existing agricultural pump sets with energy efficient pump sets as stipulated in UDAY MoU and submit a quarterly progress report on the same.	There is no scheme for replacement of existing Agl. Pump sets with star rated Energy Efficiency pump sets.
OTHER DIRECTIVES		
a)	<p>Service charges for Bill Payment in E-Seva Center (pg 41 of RST for FY18-19)</p> <p>The then Government of Andhra Pradesh has imposed usual charges vide G. O. Ms. No. 31 dated 22.02.2013 and the said charges are being collected by e-seva both at the e-sevacentre as well as online payment of e-seva. The levy of any charges or stoppage of the same is not within the domain of this Commission. The licensees shall ensure that these charges are either withdrawn or the burden of the same is minimized to the consumers by initiating steps and taking up the matter with the appropriate authorities at the highest level possible. The licensees shall report about the steps taken in the matter in the subsequent filing of ARR.</p>	<p>It is to inform that as per the initiative of GO.Rt.No.31 dated 22.02.2012 of Information Technology & Communication (INFRA) department, e-Seva centres are collecting transaction charges based on the range-wise bill amount.</p> <p>Besides the collection through E Seva, AP online counters, TSSPDCL has been providing bill payment facilities to consumers of TSSPDCL by various alternatives without any additional burden to the consumers like:</p> <ol style="list-style-type: none"> 1. ERO's counters 2. Authorised Private Collection Agencies 3. Electronic Clearing System through all the Banks 4. Payment Gateway Interface Services (viz. T – Wallet, Paytm and Mobikwik, Bill Desk).

Directives in Cross Subsidy Surcharge and Additional Surcharge Order for FY18-19:

Directive No.	Description	Compliance Report
5.1.1	<p>Reduction of Cross Subsidy Surcharge</p> <p>The Commission has taken note of the request of the DISCOMs to gradually reduce cross subsidy over a period of 5 years. The fourth Multi Year Tariff Control Period of 5 years commences from FY 2019-20. The DISCOMs are required to file the MYT petitions, in accordance with Regulation No. 4 of 2005, for the fourth</p>	Will be complied.

Directive No.	Description	Compliance Report
	control period by 30.11.2018. The Commission directs the DISCOMs to submit the tariff proposals for the fourth MYT control period keeping in view their proposal in the instant petition to reduce the cross subsidy over the period of next 5 years.	
5.1.2	<p>Tariff Simplification and Rationalization</p> <p>The Commission has taken note of the request of the DISCOMs to gradually simplify and rationalize the tariff categories over a period of 2-3 years. The fourth Multi Year Tariff Control Period of 5 years commences from FY 2019-20. The DISCOMs are required to file the MYT petitions, in accordance with Regulation No. 4 of 2005, for the fourth control period by 30.11.2018. The Commission directs the DISCOMs to submit the tariff proposals for the fourth MYT control period, giving due consideration to the guiding principles and recommendations of the MoP regarding tariff simplification and rationalization, submitted in the instant proceedings.</p>	Will be complied in due course of time.
5.2	<p>Determination of Stranded Power</p> <p>The Licensees are directed to propose a mechanism to determine quantum of stranded power purchase commitment in each time block and the charges for same and present the same before the Commission by March 31, 2018.</p>	Compliance Report i.e., Mechanism for determination of Stranded and Framing of Terms and Conditions of Additional Surcharge is submitted to the Hon'ble Commission vide Lr.No.CGM (IPC&RAC)/SE(RAC)/DE(RAC)/F.C26/D.No .478/18, Dated:13.07.2018.
5.3	<p>Framing of Terms and Conditions of Additional Surcharge</p> <p>The Licensees shall finalize the terms and conditions of AS applicable to consumers and submit the same for Commission's approval prior to March 31, 2018.</p>	In this regard, the Hon'ble Commission has issued Suo-moto Order in the matter of mechanism for determination of stranded capacity and framing the terms & conditions for levy of Additional Surcharge on 16.9.2020 in O.P.No. 23 of 2020.

3 SALES FORECAST AND POWER PROCUREMENT PLAN

3.1 Sales Forecast

3.1.1 The Sales projections for H2 of FY2021-22 & entire FY2022-23 is made based on the Trend Method and End-User Method. Trend method of demand forecasting assumes that the underlying factors, which drive the demand for electricity, are expected to follow the same trend as in the past and hence the forecast for electricity is also based on the assumption that the past trend in Consumption of electricity will continue in the future. The strength of this method, when used with balanced judgment, lies in its ability to reflect recent changes and therefore is probably best suited for a short-term projection as used for the ARR/ Tariff filing.

End-Use method has been used for projecting the sales in certain categories i.e., HT-I Industrial, HT-IV Lift Irrigation & CPWS and HT-V Traction, because of high dependence of demand on the end-use and since the historical growth trend for these categories does not take into consideration the new initiatives which have significant impact on the sales projections.

Though there is reduction of sales in FY2020-21 due to State lockdown in view of COVID-19 pandemic, the licensee assumes the restoration of normal sales as per the previous trend (i.e., Pre-COVID period) gradually in H2 of FY2021-22 and completely with an additional growth by FY2022-23.

Further, as the impact of State Lockdown due to COVID-19 on various sectors is already factored majorly in actual sales of FY20-21 viz; increase of sales in Domestic category, LIS & Public water works categories, reduction of sales in Commercial, Industrial, Aviation & Traction categories, etc., the licensee has projected the sales in H2 of FY21-22 and FY2022-23 assuming the gradual restoration of normal sales in Industrial & Commercial categories and with increased growth for FY 22-23.

Hence, the licensee has used a modified trend method wherein the historical trends in usage have been modified based on a case to case basis based on the assessment of the licensee.

Therefore, Sales Forecast has been developed primarily based on analysis of historical data for the period FY2015-16 to H1 of FY2021-22 and additional energy requirement estimated under certain categories for 2022-23 and impact of COVID-19 on sales of each category. The following inputs have been taken to arrive at sales projections for H2 of FY2021-22 and FY2022-23.

- Actual Sales till September 2021.

- Category wise CAGR (Compound Annual Growth Rate) trend during the last 5 years, 4 years, 3 years, 2 years, 1 year and growth rate of first half of FY2021-22 over first half of FY2020-21. Sales for ensuing year FY2021-22 has been projected considering the revised estimates for FY2021-22 applying the appropriate growth rates for the categories impacted by COVID-19 and not impacted by COVID-19 separately.
- Estimation of Energy requirement for H2 of FY2021-22 and FY2022-23 as per the information received from the Irrigation Department. Estimation of additional energy requirement for upcoming Metro Rail & Railway Traction loads as per the information received from Hyderabad Metro Rail Ltd. and South Central Railways respectively. Estimation of additional energy requirement for major Industrial loads yet to be released in ensuing year.
- Estimation of Energy requirement for FY2022-23 in the newly introduced category LT-IX & HT-IX for Electric Vehicles Charging Stations based on the services released in FY2020-21 and the information of potential locations identified for setting up of EV Charging stations shared by TSREDCO.
- Assuming gradual restoration of normal sales in H2 of FY2021-22 due to lifting of lockdown and projection of FY2022-23 sales with increased growth rates.

3.1.2 Historical Sales: The actual category wise, voltage wise sales trend from FY2015-16 to H1 of FY2021-22 pertaining to TSSPDCL which have been considered for sales projections is shown in the below table

Category/Sales (MU)	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22 H1
LT Category	17,310.54	19,634.36	22,800.94	24793.18	23569.45	24286.22	12172.35
LT-I: Domestic	7,021.44	7,084.04	7,559.34	8101.36	8,709.65	8,911.84	5,032.83
LT-II: Non-Domestic/ Commercial	2,187.51	2,208.81	2,378.45	2557.48	2,582.09	2,160.57	1,192.73
LT-III- Industry	802.25	812.65	851.64	894.18	846.82	880.01	430.95
LT-IV: Cottage Industries	9.12	9.34	9.05	9.44	9.08	9.58	4.59
LT-V: Agricultural	6,517.67	8,767.64	11,318.87	12637.78	10,818.39	11,744.84	5,222.53
LT-VI: Street Lighting & PWS Schemes	709.69	684.76	609.69	497.33	484.03	478.22	225.17
LT-VII: General Purpose	61.49	65.01	70.56	75.68	76.53	47.71	25.99
LT-VIII: Temporary Supply	1.36	2.11	3.33	19.92	42.87	53.43	37.53
LT-IX: EV Charging Stations	-	-	-	-	0.0005	0.02	0.028
HT Category	11,773.40	11,209.83	12,787.92	15550.14	16339.85	13998.45	8335.26
HT Category at 11 kV	4,434.30	4,490.53	4,928.97	5366.89	5,679.38	5013.61	2855.67
HT-I(A): Industry (General)	2,934.05	2,971.10	3,280.60	3,507.68	3,622.86	3,434.83	1,898.79
HT-I(A): HMWSSB				36.94	37.94	25.38	19.28
HT-I(B): Ferro Alloy Units	-	0.10	0.06	-	-		

Category/Sales (MU)	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22 H1
						-	-
HT-II: Others	1,325.20	1,346.51	1,440.32	1538.02	1,664.12	1,181.78	722.78
HT-III: Airports, Bus Stations and Railway Stations	5.65	5.14	4.82	4.78	4.34	2.35	1.54
HT-IV(A): Lift Irrigation & Agriculture	19.63	26.12	32.10	40.35	41.89	42.12	14.88
HT-IV(B): CPWS	35.76	28.18	35.26	64.07	95.48	112.56	64.49
HT-VI: Townships & Residential Colonies	79.38	81.58	93.23	102.06	118.49	127.59	78.72
HT-VII: Temporary Supply	34.62	31.80	42.58	72.98	91.83	85.40	53.92
HT-IX: EV Charging Stations	-	-	-	-	2.43	1.60	1.25
HT Category at 33 kV	4,599.64	3,726.57	4,328.29	5483.33	5,427.97	4537.05	2821.95
HT-I(A): Industry (General)	3,955.27	3,059.99	3,568.37	4,409.78	4,174.26	3,545.73	2,213.38
HT-I(A): HMWSSB				62.26	44.67	30.13	28.45
HT-I(B): Ferro Alloy Units	25.86	-	10.68	39.34	44.05	25.49	14.37
HT-II: Others	555.09	598.96	660.00	751.79	867.96	626.18	376.67
HT-III Airports, Bus Stations and Railway Stations	-	-	-	-	-	-	-
HT-IV(A): Lift Irrigation & Agriculture	18.45	24.64	31.77	28.52	17.59	14.51	5.18
HT-IV(B): CPWS	2.35	0.39	4.20	98.67	158.72	191.40	112.06
HT-VI: Townships & Residential Colonies	39.39	42.59	52.24	63.13	76.60	85.16	53.24
HT-Temporary Supply	3.23	-	1.03	29.85	44.13	18.45	18.60
HT Category at 132 kV	2,739.46	2,992.72	3,530.66	4699.92	5,232.49	4437.80	2657.64
HT-I(A): Industry (General)	2,001.80	1,770.02	1,954.39	1,563.36	1,424.07	1,463.34	876.14
HT-I(A): HMWSSB				1,035.30	1,079.86	774.38	540.56
HT-I(B): Ferro Alloy Units	129.67	159.87	119.63	184.81	193.95	104.53	77.94
HT-II: Others	58.52	63.68	55.39	48.14	50.82	37.02	22.18
HT-III Airports, Bus Stations and Railway Stations	58.34	55.37	62.83	70.63	86.41	50.37	5.28
HT-IV(A): Lift Irrigation & Agriculture	342.89	802.27	1,156.62	1455.78	1,861.57	1,560.78	832.59
HT-IV(B): CPWS	-	-	-	72.12	204.79	208.01	115.16
HT-V(A): Railway Traction	148.24	141.52	169.69	213.57	250.00	192.31	137.58
HT-V(B):HMR	-	-	12.11	56.21	81.01	47.06	30.22
Total	29,083.94	30,844.18	35,588.86	40343.32	39909.30	38274.67	20507.61

3.1.3 Category wise adopted Growth Rates:

The adopted growth rates in estimation of sales during H2 of FY2021-22 and FY2022-23 are shown in the table below. For certain categories (i.e., LT-II, VII, HT-I, II, III & VII), the growth rates adopted for sales projections in FY2022-23 is based on the assumption that the reduced sales in FY20-21 due to COVID-19 impact will be restored back.

Category/Sales Growth	Adopted Growth for H2 of FY2021-22	Basis of Growth	Adopted Growth for FY2022-23	Basis of Growth
LT Category	-2.46%		1.5%	
LT-I: Domestic	4.88%	5 yr CAGR	7.00%	Nominal Growth
LT-II: Non-Domestic/Commercial	6.41%*	5 yr CAGR (2019-20/2014-15)	6.40%	

Category/Sales Growth	Adopted Growth for H2 of FY2021-22	Basis of Growth	Adopted Growth for FY2022-23	Basis of Growth
LT-III- Industry	2.26%	5 yr CAGR (2019-20/2014-15)	2.27%	5 yr CAGR
LT-IV: Cottage Industries	8.27%	Nominal Growth	2.00%	Moderated Growth
LT-V: Agricultural	-10.10%	Negative growth due to increase in ground water levels on account of heavy rainfall	-4.00%	Negative growth due to increase in ground water levels on account of heavy rainfall
LT-VI: Street Lighting & PWS Schemes	2.00%	Nominal Growth	2.00%	Nominal Growth
LT-VII: General Purpose	16.97%	Growth in H1 of FY21-22/FY20-21	2.00%	Nominal Growth
LT-VIII: Temporary Supply	2.00%	Nominal Growth	2.00%	Nominal Growth
LT-IX: EV	10.00%	Nominal Growth	10.00%	Nominal Growth
HT Category	27.48%		30.67%	
HT Category at 11 kV	24.54%		7.03%	
HT-I(A): Industry (General)	10.00%	Nominal Growth	6.64%	5 yr CAGR
HT-I(A): HMWSSB	3.00%	Nominal Growth	2.00%	2 yrs CAGR
HT-I(B): Ferro Alloy Units	-	-	-	-
HT-II: Others	10.00%	Nominal Growth	6.00%	6% growth on FY21 sales
HT-III: Airports, Bus Stns and Railway Stns	48.51%	Nominal Growth	4.40%	4 yr CAGR
HT-IV(A): Lift Irrigation &Agl.	19.26%	Moderated Growth	15.58%	Moderated Growth
HT-IV(B): CPWS	19.26%	Moderated Growth	15.58%	Moderated Growth
HT-VI: Townships & Res. Col.	9.96%	5 yr CAGR	11.72%	5 yr CAGR
HT-VII Temporary Supply	19.79%	5 yr CAGR	10.00%	Nominal Growth
HT-IX: EV	10.00%	Nominal Growth	10.00%	Nominal Growth
HT Category at 33 kV	37.63%		13.91%	
HT-I(A): Industry (General)	8.00%	Nominal Growth	5.00%	5% growth on FY21 sales
HT-I(A): HMWSSB	5.00%	Nominal Growth	2.00%	Nominal Growth
HT-I(B): Ferro Alloy Units	11.98%	Nominal Growth	2.00%	2% growth on FY21 sales
HT-II: Others	10.89%	5 yr CAGR (2019-20/2014-15)	10.00%	10% growth on FY21 sales
HT-III: Airports, Bus Stns and Railway Stns				
HT-IV(A): Lift Irrigation &Agl.	16.72%	Nominal Growth	5.00%	Nominal Growth
HT-IV(B): CPWS	16.72%	Moderated Growth	5.00%	Moderated Growth
HT-VI: Townships & Res. Col.	9.41%	Nominal Growth	17.81%	1 yr CAGR
HT-VII Temporary Supply	2.00%	Nominal Growth	2.00%	Nominal Growth
HT Category at 132 kV	20.14%		76.29%	
HT-I(A): Industry (General)	10.00%	Nominal Growth	3.00%	23% growth on FY20 sales
HT-I(A): HMWSSB	4.30%	Nominal Growth	2.00%	2 yrs CAGR
HT-I(B): Ferro Alloy Units	7.46%	Nominal Growth	2.00%	10% growth on FY20 sales
HT-II: Others	1.42%	5 yr CAGR (2019-20/2014-15)	2.00%	15% growth on FY20 sales
HT-III: Airports, BusStns and	8.31%	Nominal Growth	8.00%	Equated to FY20

Category/Sales Growth	Adopted Growth for H2 of FY2021-22	Basis of Growth	Adopted Growth for FY2022-23	Basis of Growth
Railway Stns				sales
HT-IV(A): Lift Irrigation &Agl.	20.00%	As per ICAD projections	5.00%	As per ICAD projections
HT-IV(B): CPWS	20.00%	Moderated Growth	5.00%	Moderated Growth
HT-V(A): Railway Traction	10.00%	Moderated Growth	2.00%	5% Growth in every quarter
HT-V(B): HMR Traction	10.00%	As per L&T projections	2.00%	Equated to FY20 sales
Total (LT+HT)	8.59%		13.76%	

3.1.4 Category wise Additional Loads considered for sales projections:

Additional Loads Description	Category	Voltage Level	FY2022-23	
			Connected Load (in MVA)	Consumption (in MU)
Industrial	HT-I(A)	33kV	159.09	492.35
Lift Irrigation	HT-IV(A)	132kV & above	-	1319.16
Railway Traction	HT-V(A)	132kV & above	30	40.52
Hyderabad Metro	HT-V(B)	132kV & above	20	75
Rail	HT-II	33kV	14	30
Electric Vehicles	LT-IX	LT	1.15	1.69
Charging Stations	HT-IX	11kV	7.88	10.74

3.1.5 Category wise Sales Projections:

- a) **LT-I Domestic:** 5 years CAGR (FY2020-21 over FY2015-16) of 4.88% is adopted for estimating the sales in H2 of FY2021-22. Similarly, the licensee assumes growth of 7% in sales projections of FY2022-23.
- b) **LT-II Non-Domestic/Commercial:** As Negative sales growth of 0.25% (5 years CAGR) has been recorded in this category due to reduced commercial activities during the lockdown period in view of COVID-19 pandemic, 5 years CAGR with FY2019-20 as base of 6.4% is adopted for H2 of FY2021-22 and FY 2022-23.
- c) **LT-III Industry:** The Industrial category witnessed 2.26% growth during the past 5 year-period (I.e.. considering FY2019-20 as base). Therefore, the licensee assumes 2.27% growth in projecting the sales for H1 of FY 2021-22 and FY2022-23.
- d) **LT-IV Cottage Industries:** Though lower/negative sales growth is recorded in this category in the previous years, a positive growth rate of 8.27% is adopted

for estimating the sales in H2 of FY2021-22 assuming post-recovery of the industries from pandemic period. Whereas the growth rate of 2% is adopted for estimating the sales in this category for ensuing year of FY2022-23.

- e) **LT-V Agricultural:** In the current financial year 2021-22, the total sales in the first half increased by 13.59% over the first half of FY20-21. Further, against the target for release of agricultural services for FY2021-22 which was 76,260 nos, the number of services released till September 2021 is 19,248 nos.

Due to very good rainfall during monsoon season in the current year and improvement in ground water levels as mentioned by the Groundwater department of the state, the agricultural consumption expected to be at 11647 MU for FY 2021-22 and 11182 MU for FY 2022-23.

- f) **LT-VI Street Lighting & PWS Schemes:** A nominal growth rate of 2% is adopted for estimating the sales in this category in H2 of FY2021-22 and FY2022-23.

- g) **LT-VII General Purpose:** The growth rate of 16.97% recorded in the first half of the current year is expected to be continued for the next half. A nominal growth of 2% is adopted for projecting the sales in FY2022-23.

- h) **LT-VIII Temporary Supply:** Due to uncertainty of sales trend in this category and considering the impact of COVID-19 pandemic, a nominal growth rate of 2% is adopted for estimating the sales in H2 of FY2021-22 and also for projecting the sales in FY2022-23.

- i) **LT-IX Electric Vehicle Charging Stations:** Under this category, 19 services with a load of 0.38MVA were released in FY20-21 recording consumption of 19502 units and 33 No.s services of 0.63MVA are released in H1 of FY21-22 with consumption of 27874 units. Hence, in view of increasing trend in this category, the licensee has adopted growth rate of 10% in estimating the sales of H2 of FY2021-22 and FY2022-23.

- j) **HT-I (A) Industry (General):** Substantial higher growth rates are recorded in the first half indicating the revival of the industries post-pandemic. Considering the above trend, the Licensee has estimated growth of 10%, 8% and 10% respectively at 11kV, 33kV and 132kV voltage level for H2 of FY2021-22. For the FY 2022-23, licensee as adopted 5years CAGR

(FY2021-22 over FY2016-17) of 6.64%, 5%, 3% for 11kV, 33kV and 132kV voltage level respectively.

- k) HT-I (A) HMWSSB:** The sales of HMWSSB services are projected separately with appropriate voltage wise growth rates based on the past trend, as there is no impact of COVID-19 on sales of this category. Hence, overall sales in H2 of FY2021-22 are estimated with a growth rate of 3% , 5%, 4.3% for 11kV, 33kV and 132kV voltage level and sales at all voltage levels in FY2022-23 are projected with a growth rate of 2%.
- a) HT-I (B) Ferro Alloy Units:** At 33kV and 132 kV voltage levels, significant growth is witnessed in the HT-I(B) category indicating the restoration of the industrial operations. Hence, a growth rate of 11.98% (FY2019-20 growth over FY 2018-19) is been considered at 33 kV level and at 132 kV level, the licensee has assumed 5-year CAGR of 7.4% for H2 of FY21-22. Further, 2% nominal growth rate is considered for projecting the sales in FY2022-23.
- b) HT-II Others:** The impact of COVID-19 lockdown has affected the sales of this category in H1 of FY2020-21 with a reduction of 499.61MU compared to previous year first Half. But after gradual restoration (due to lifting of lockdown), the sales for H1 FY2021-22 increased by 363.89 , a moderate growth rate of 10%, 10.89% (5 years CAGR) and 1.42% is adopted at 11kV, 33kV and 132kV voltage levels in estimation of the sales in H2 of FY2021-22. Assuming similar trend during the next financial year, a moderate growth of 6%, 10% & 2% at 11kV, 33kV and 132kV voltage levels respectively is considered for projecting the sales in FY2022-23.
- Further, additional sales volume of 11MU in H2 of FY2021-22 & 30MU in FY2022-23 has been considered at 33kV voltage level, anticipating addition of L&T-Hyderabad Metro Rail commercial loads of 12 MVA. The existing load of TOD malls pertaining to L&T Metro is 7.5MVA at 33kV voltage level and the upcoming load is projected as per the information received from L&T Metro Rail Ltd.
- c) HT-III Airports, Bus Stations & Railway Stations:** The impact of COVID-19 lockdown has also majorly affected the transport sector and hence the sales of this category in H1 of FY2020-21 have reduced by 18.73MU recording a negative growth of 39.37% (over H1 of FY2019-20). After gradual restoration (after lifting of lockdown) the sales of this category in H1 of FY2021-22 have

increased by 14.99 MU and a growth rate of 48.51% and 8.31% is adopted at 11KV voltage and 132KV voltage level in H2 of FY2021-22.

Subsequently, 4 years CAGR (FY2021-22 over FY2017-18) of 4.40% is adopted at 11KV voltage level & growth rate of 8% is adopted at 132KV voltage level for projecting the sales in FY2022-23.

- d) HT-IV (A) Lift Irrigation & Agriculture:** The growth trend in this category tends to be volatile due to variations in the operation of Lift Irrigation pumps based on rainfall, water levels in reservoirs, etc. At 11kV voltage level, the growth rate of 19.26% is adopted for estimating the sales in H2 of FY2021-22. and 15.58% is adopted for projecting the sales in FY2022-23.

At 33kV voltage level, growth rate of 16.72% is adopted for estimating the sales in H2 of FY2021-22 & 5% is adopted for estimating the sales for FY2022-23.

At 132kV voltage level, growth rate of 20% is adopted for estimating the sales in H2 of FY2021-22 & the projections as communicated by ICAD is considered in estimating the sales growth rate of FY2022-23.

The month wise loads to be operated and energy requirement projections at 132kV voltage level are as shown below:

FY2022-23	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total
Expected Load in MW	0.00	0.00	0.00	0.00	199	269	398	607	617	408	0.00	0.00	2498
Sales Projections in MU	0.00	0.00	0.00	0.00	143	193	286	437	444	293	0.00	0.00	1799

- e) HT-IV (B) Composite Water Supply Schemes:** At 11kV & 33kV voltage level, first half growth rate of 19.26%, 16.72% is adopted in estimating the sales in H2 of FY2021-22 and 2-year CAGR of 15.58% & 5% for the projections of FY2022-23.

At 132kV voltage level, a moderated growth rate of 20% is adopted for estimating the sales in H2 of FY2021-22 and the growth rate of 5% is adopted for projecting the sales in FY2022-23.

- f) **HT-V(A) Railway Traction:** The licensee assumes growth rate of 10% in estimating the sales in H2 of FY2021-22 and also a nominal growth rate of 2% in FY2022-23 on existing loads.

In addition to the above, an additional sales volume of 14.77 MU in H2 of FY2021-22 is considered towards upcoming Traction Sub-Stations of 12 MVA capacity & additional sales volume of 40.52 MU in FY2022-23 is considered towards upcoming Traction Sub-Stations of 30 MVA as per the information communicated by South Central Railways which are as shown below.

Sl.No	Name of the Traction Sub-Station (District)	Load projected in H2 of FY2021-22	
		CMD (MVA)	Annual Consumption (MU)
1	Divitapalli (MBNR)	2	9.77
2	Timmapur (Hyderabad)	5	2.5
3	Manorabad (Medak)	5	2.5
4	Manopad (Gadwal)	0	0
Total		12	14.77

Sl.No	Name of the Traction Sub-Station (District)	Load projected in FY2022-23	
		CMD (MVA)	Annual Consumption (MU)
1	Divitapalli (MBNR)	15	25.52
2	Timmapur (Hyderabad)	5	5
3	Manorabad (Medak)	5	5
4	Manopad (Gadwal)	5	5
Total		30	40.52

- g) **HT-V (B) HMR:**

As communicated by M/s. L&T-Hyderabad Metro Rail Ltd., the licensee has included additional sales of 36MU on account of upcoming HMR Station loads of 19MVA loads for H2 of FY2021-22 & an additional sales volume of 75MU on account of upcoming HMR Station loads of 20MVA loads for FY2022-23.

A moderated growth rate of 10% is adopted for estimating the sales in H2 of FY2021-22 and 2% in FY2022-23.

- h) HT-VI Townships & Residential Colonies:** 5 year CAGR (FY2020-21 over FY2015-16) of 9.96% is adopted for estimating the sales in H2 of FY2021-22 and 11.72% (5 years CAGR) in FY2022-23 at 11kV voltage level. For FY 2022-23, 9.41% and 17.81 % growth is assumed for H2 of FY2021-22 and FY2022-23 respectively at 33kV voltage level.
- i) HT-VII Temporary Supply:** 5 years CAGR (FY2020-21 over FY2015-16) of 19.79% is adopted at 11kV voltage level and 2% at 33 kV voltage level in estimating the sales for H2 of FY2021-22 and 10% at 11kV voltage level and 2% at 33 kV voltage level is adopted for projecting the sales in FY2022-23.
- j) HT-IX Electric Vehicle Charging Stations:** In H1 of FY21-22, 1.25MU sales are recorded. Hence, a growth rate of 10% is adopted for estimating the sales in H2 of FY2021-22 and also for projecting the sales in FY2022-23.

3.1.4 Category wise Sales Forecast: The category wise sales projected for the current year and ensuing year duly considering the additional loads is shown below:

Category/Sales Forecast (MU)	2021-22 H2	2021-22	2022-23
LT Category	12700.06	24872.4	25,246.12
LT-I: Domestic	4,204.11	9,236.9	9,883.53
LT-II: Non-Domestic/Commercial	1,287.24	2,479.97	2,638.68
LT-III- Industry	478.29	909.23	929.88
LT-IV: Cottage Industries	4.98	9.57	9.76
LT-V: Agricultural	6,425.11	11,647.6	11,181.74
LT-VI: Street Lighting & PWS Schemes	238.58	463.7	473.02
LT-VII: General Purpose	29.81	55.8	56.92
LT-VIII: Temporary Supply	31.93	69.5	70.84
LT-IX: EV Charging Stations	0.02	0.045	1.74
HT Category	9,708.21	18,043.54	23,576.68
HT Category at 11 kV	3,371.74	6,227.41	6,665.24
HT-I(A): Industry (General)	2,199.13	4,097.915	4,368.56
HT-I(A): HMWSSB	19.89	39.177	39.96
HT-I(B): Ferro Alloy Units	-	-	-
HT-II: Others	920.09	1,642.872	1,741.44
HT-III: Airports, Bus Stns & Rly Stns.	4.18	5.7	5.98
HT-IV(A): Lift Irrigation & Agriculture	34.88	49.8	57.51

Category/Sales Forecast (MU)	2021-22 H2	2021-22	2022-23
HT-IV(B): CPWS	69.24	133.7	154.57
HT-VI: Townships & Res. Colonies	63.27	141.993	158.63
HT-VII: Temporary Supply	59.33	113.25	124.57
HT-IX: EV Charging Stations	1.73	2.981	14.02
HT Category at 33 kV	3,460.76	6,282.71	7,156.42
HT-I(A): Industry (General)	2,720.12	4,933.50	5,667.95
HT-I(A): HMWSSB	23.86	52.31	53.36
HT-I(B): Ferro Alloy Units	20.75	35.1	35.82
HT-II: Others	521.85	898.52	1,006.27
HT-III: Airports, Bus Stns & Railway Stns.	-	-	-
HT-IV(A): Lift Irrigation & Agriculture	12.75	17.93	18.83
HT-IV(B): CPWS	110.48	222.54	233.67
HT-VI: Townships & Res. Colonies	43.42	96.7	113.88
HT-VII Temporary Supply	7.53	26.128	26.65
HT Category at 132 kV	2,875.71	5,533.42	9,755.02
HT-I(A): Industry (General)	894.79	1,770.93	2,391.86
HT-I(A): HMWSSB	579.75	1,120.31	1,142.72
HT-I(B): Ferro Alloy Units	82.75	160.69	163.90
HT-II: Others	22.98	45.16	46.06
HT-III: Airports, Bus Stns & Railway Stns.	48.43	73.7	79.60
HT-IV(A): Lift Irrigation & Agriculture	930.10	1,762.68	5,248.49
HT-IV(B): CPWS	108.22	223.37	234.54
HT-V(A): Railway Traction	134.71	272.36	303.26
HT-V(B): HMR Traction	73.98	104.21	144.59
HT-VI: Townships & Res. Colonies	-	-	-
HT-VII Temporary Supply	-	-	-
Total (LT+HT)	22,408.27	42,915.95	48,822.08
LT Growth without Agl.	6,274.95	13,224.8	14,064.38
HT Growth without LIS	8,730.48	16,213.2	22,100.74
Overall Growth without Agl. & LIS	15,005.43	29,437.9	36,165.12

3.2 Power Purchase Requirement

3.2.1 Discom Losses

The Hon'ble Commission had approved a loss trajectory for the licensee in the Wheeling tariff order for the 4th control period i.e., FY 2019-20 to FY 2023-24. The actual loss for FY 2020-21 and approved losses for FY 2021-22 and FY 2022-23 are considered for projection of energy input for FY 2020-21, FY 2021-22 and FY 2022-23 respectively.

Losses (%)	FY2020-21	FY2021-22	FY2022-23
	Actual	Approved	Approved
LT	5.77%	4.85%	4.80%
11 kV	4.02%	4.16%	4.13%
33 kV	3.66%	3.64%	3.62%

3.2.2 Transco Losses

The Hon'ble Commission had approved Transmission losses in the Transmission tariff order for 4th Control Period i.e., FY 2019-20 to FY 2023-24. The actual loss recorded in FY 2020-21 is 2.57%. Hence, the actual loss for FY 2020-21 and approved loss for FY 2021-22 and FY 2022-23 are considered for projection of energy input for the years 2020-21, 2021-22 and 2022-23 respectively.

Losses	FY 2020-21 (Actual)	FY 2021-22 (Approved)	FY 2022-23 (Approved)
Transco Loss (%)	2.57%	2.64%	2.57%

3.2.3 Losses external to Transco system

The actual losses external to the TSTransco system have been considered for FY 2020-21. For FY 2021-22, the losses have been estimated to be 3.28% based on the actual loss figures provided by TS Transco for April to August 2021 and considering the POC losses furnished in the latest available notifications by POSOCO for the remaining period of October 2021 to March 2022. For FY 2022-23, the losses are estimated to be 3.24% based on the latest available notification on POC losses by POSOCO. This is applicable for procurement of power from Central Generating Stations and other medium and short term purchases. However, the external loss for procurement of power from CSPGCL is considered as per the approved loss trajectory by the respective commission viz. CSERC i.e., 3.00% and further, the external losses have not been considered for bilateral/inter-state purchases due to the consideration of the average landed power purchase cost at TSTransco periphery.

3.2.4 Energy Requirement

The actual energy requirement for FY 2020-21 duly considering the actual losses & sales and projected energy requirement for FY 2021-22 and FY 2022-23 duly considering the approved losses & projected sales is tabulated below:

Energy Requirement			
Particulars	FY20-21 (Actual)	FY21-22 (Estimated)	FY22-23 (Projection)
LT Sales	24286	24872	25246
Annual LT Loss %	5.77	4.85%	4.80%
LT Loss (MU)	1487	1268	1273
Energy Requirement at LT (MU)	25774	26141	26519
11 kV Sales (MU)	5014	6227	6665
Annual 11 kV Loss %	4.02	4.16	4.13
11 kV loss (MU)	1289	1405	1430
Energy Requirement at 11 kV level (MU)	32077	33773	34614
33 kV Sales (MU)	4537	6283	7156
Annual 33 kV Loss %	3.66	3.64	3.62
33 kV losses (MU)	1391	1515	1569
Energy Requirement at 33 kV level (MU)	38005	41571	43339
132 kV Sales (MU)	4438	5533	9755
Energy Requirement at 132 kV level (MU)	42443	47104	53094
Cumulative Distribution Losses (MU)	4168	4188	4271
Cumulative Distribution Losses (%) (incl EHT sales)	9.82	8.89%	8.04%
Cumulative Transmission loss (%)	3.65	4.51	3.99
Cumulative Transmission Losses (MU)	1609	2226	2205
Total Energy Requirement	44052	49330	55299
Total T & D loss (MU)	5777	6,414	6,476
T & D Loss %	13.11	13.00	11.71
Total Sales	38275	42916	48823
Total Energy Requirement	44052	49330	55299

3.3 Power Procurement Plan

The licensee is submitting the actual power purchase quantum and costs for FY2020-21 and H1 FY2021-22. For H2 FY2021-22 and FY 2022-23, the power purchase plan is being submitted, which takes into account all the available generation sources against the projected energy requirement for estimating the energy balance (deficit or surplus). The total power purchase cost actually incurred by the licensee for FY 2020-21, and H1 FY 2021-22 and to be incurred by the licensee for H2 FY 2021-22 and FY 2022-23, will be discussed in this section.

3.3.1 Basis of Estimation of Power Purchase Quantum and Cost

The licensee has considered the actual power purchase quantum and cost for the FY 2020-21 and H1 FY 2021-22. For H2 FY 2021-22 and FY 2022-23, the licensee has taken certain assumptions (discussed in the subsequent sections) for arriving at the energy availability, station-wise power purchase rates and overall energy expected to be procured based on the Merit Order Dispatch principle.

With the implementation of Multi-Buyer Model (MBM) in the state from June 9, 2005, each DISCOM has been allocated a certain share of the generating stations contracted by TS & AP Transco. After bifurcation of the state the share from the generating stations to TS DISCOMs is allocated as per G.O.Ms.No.20, Dt.08.05.2014.

S. No.	Name of the Distribution Company	Allocation Percentage
1	TSSPDCL	38.02
2	TSNPDCL	15.87
3	APEPDCL	15.80
4	APSPDCL	30.31

From 11.06.2017, the share from the TS Genco to the TS DISCOMs have been changed to 70.55% (TSSPDCL) and 29.45% (TSNPDCL).

3.3.2 Power Purchase allocation

- Non-conventional Energy sources have been allocated to the DISCOMs based on their geographical presence/location.
- The allocation percentages of TSDISCOMs from all the sources (Except NCE sources) is being done as follows:

S. No.	Name of the Distribution Company	Allocation Percentage
1	TSSPDCL	70.55 %
2	TSNPDCL	29.45 %

In case of deficit of energy, the external purchases have also been allocated based on the above allocation percentages. In the following paragraphs, the capacities and availabilities of all the generating sources have been described. The actual energy availability in MU for each DISCOM has been projected based on the above allocation principles.

3.3.3 Installed Capacity of Generating Stations

i) TS Genco – Thermal and Hydro

The table below shows the installed capacities of the Thermal and Hydel generating stations of TS Genco considered for FY 2021-22 and FY 2022-23 including the share in the interstate projects. The DISCOMs purchase the entire generation of TS Genco under the terms of the PPAs with the generator.

Name of the Station	Project Installed Capacity (MW)	TS Share Capacity (MW)
THERMAL		
Kothagudem-V	500	500
Kothagudem-VI	500	500
Kakatiya TPP -I	500	500
Kakatiya TPP –II	600	600
Ramagundam– B	62.5	62.5
Kothagudem– VII	800	800
BTPS*	1080	1080
YTPS**	800	800
TOTAL THERMAL	4842.5	4842.5
HYDEL		
Interstate projects:		
Machkund, Orissa	120	45.27
Tunga Bhadra, Karnataka	72	31.04
State projects:		
Srisaïlam left bank PH	900	900
Nagarjunsagar	815.6	815.6
Nagarjunsagar left canal PH	60	60
Nizam Sagar	10	10
Pochampadu	27	27
Mini hydro(Peddapalli)	9.16	9.16
Palair	2	2
Pochampad Stage-II	9	9
Singur	15	15
Priyadarshini Jurala****	234	117
Lower Jurala	240	240
Pulichintala	120	120
TOTAL HYDEL	2634	2401
TOTAL Thermal and Hydro	7476.5	7243.5

*1st unit, 2nd and 3rd unit of BTPS have been commissioned on 5th June 2020, 7th December 2020 and 27th March 2021 respectively. The Expected CoD of 4th BTPS unit – 1st January 2022

** 1st unit of YTPS expected to be commissioned on 1st March 2023.

*** At present, in respect of Priyadarshini Jurala project, MoU was entered with Karnataka, and the energy sharing is in the ratio of 50:50 between TS & Karnataka.

ii) CENTRAL GENERATING STATIONS

The Licensee has Power Purchase Agreements with various Central Generating Stations to purchase power from i) Thermal power plants like NTPC RSTPS I&II, NTPC RSTPS-III, NTPC Talcher Stage-II, NTPC Simhadri Stage-I and Stage-II, NTPC Kudigi, Vallur Thermal Power Plant (NTECL - Vallur), Neyveli Lignite Corporation Ltd (“NLC”) TPS-II Stage-I and Stage-II, Neyveli new units – I & II, NLC Tamilnadu Power Limited (Tuticorin), Telangana STPP Phase I and ii) Nuclear power plants like Madras Atomic Power Station (“MAPS”), Kaiga Atomic Power Station (“KAPS”) and NPC Kudankulam. The share of the Telangana State in the total capacity of the stations is provided below for FY 2021-22 and FY 2022-23. The percentage allocations are based on the CGS allocation reports published by SRPC and as shared by the respective CGS stations.

Name of the Station	Capacity	TS Share	
	MW	%	MW
NTPC(SR) Ramagundam I & II	2100	16.45%	345
NTPC(SR) – Ramagundam- III	500	17.34%	87
NTPC Talcher-II	2000	10.72%	214
NTPC Simhadri Stg-I	1000	53.89%	539
NTPC Simhadri Stg-II	1000	23.13%	231
NTPC Kudigi - I, II & III	2400	11.32%	272
NLC TS II Stg-I	630	9.51%	60
NLC TS II Stg-II	840	12.74%	107
Neyveli new unit – I	500	6.21%	31
Neyveli new unit – II	500	6.21%	31
NPC –MAPS	440	5.19%	23
NPC – Kaiga I&II	440	16.07%	71
NPC – KaigaIII&IV	440	17.05%	75
NPC Kudankulam	1000	5.00%	50
Vallur TPP (NTECL - Vallur)	1500	7.42%	111
NLC Tamil Nadu Power Ltd (Tuticorin)	1000	15.29%	153
Telangana STPP Phase I*	1600	85%	1360
Bundled Power under JNNSM Ph 1**	85	53.89%	46
NTPC Bundled Power (200 MW)***	200	100%	200
TOTAL	18175		4006

* Expected COD of Telangana STPP Phase I – 1st Oct'22 (Unit I), 1st Jan'23 (Unit II)

**Bundled power (coal) has been considered from JNNSM Phase 1 scheme (45.81 MW) for TS which is allocated to TS Discoms on 70.55% (TSSPDCL) and 29.45% (TSNPDCL).

***Bundled power (coal) has been considered from JNNSM Phase II, NTPC Bundled power scheme up to 200 MW. It is allocated on the basis of 2:1 ratio of solar:coal on capacity basis. TSSPDCL having 320 MW of solar under the scheme, will get 160 MW of coal power while, TSNPDCL having 80 MW of solar under the scheme, will get 40 MW of coal power.

iii) AP Gas Power Corporation Ltd (“APGPCL”): Joint Sector

APGPCL is a joint sector gas-based power project. The allocation of power from this project is in proportion to the equity share capital of participating industries. After bifurcation of the state, the share from the APGPCL to TS DISCOMs is allocated as per Go.Ms.No. 26 dt. 29.05.2014. The total installed capacity of the project along with the DISCOMs share considered for FY 2019-20 is as given below. No projections have been done for FY 2020-21, FY 2021-22 and FY 2022-23.

Name of the Station	Capacity	TS Share	
	(MW)	%	MW
APGPCL Stage- I	100	6.67	6.67
APGPCL Stage- II	172	10.37	17.84
TOTAL	272	9.01	24.51

iv) Non-Conventional Energy (NCE) Sources

The installed capacities of NCE projects in the state for FY 2020-21, FY 2021-22 and FY 2022-23 are as follows:

Type of NCE Project	FY 2020-21 Capacity (MW)	FY 2021-22 Capacity (MW)	FY 2022-23 Capacity (MW)
Bio Mass	51	51	51
Bagasse Cogeneration	74	74	74
Municipal Waste to Energy	38	38	38
Industrial Waste based	19	19	19
Wind	101	128.	128.
Mini Hydel	8	8	8
Solar	2824	2726	2844
NTPC CPSU			1692
SECI 400 MW		400	400
NTPC 400 MW Bundled Solar	400	400	400
Bundled Power Solar JNNSM Phase I	46	46	46
TOTAL	3561	3890	5699

* Staggered availabilities considered as per the expected CODs of each plant capacity

The state had total installed capacity of 51 MW and 74 MW under Bio-mass & Bagasse Co-generation projects respectively. However, currently only 36 MW of Bio-mass and 54 MW of & Bagasse Co-generation projects are in operation. Similarly, out of 8 MW of Mini Hydel Projects & 19 MW of Industrial Waste Projects with which DISCOMs have entered PPAs within the state, only 5 MW & 15 MW

respectively which are in operation has been considered for availabilities. For MSW, DISCOMS have PPAs for a capacity of 26 MW, out of which availabilities have been considered 19.8 MW capacity from M/S Hyderabad MSW Energy Solutions Private Limited in TSSPDCL licensee area.

v) Singareni Thermal Power Project

The Telangana Discoms had signed the PPA with M/s. Singareni Collieries Company Ltd on 18.01.2016 in respect of 2x600MW Thermal Power Project, Stage-I, for the procurement of 100% power from Singareni thermal power plant.

vi) Chhattisgarh State Power Distribution Company Ltd. (CSPDCL)

As per the CSPDCL Tariff Order 2017-18 issued by Chhattisgarh State Electricity Regulatory Commission (CSERC) on 31.03.2017, 1000 MW capacity of Marwa TPP was entirely made available for supply to the state of Telangana. In the CSPDCL Tariff Orders 2020-21 and 2021-22, CSERC has again considered the sale of power from Marwa TPP to Telangana for FY 2020-21, FY 2021-22 and FY 2022-23, on back to back arrangement. The licensee has considered this capacity for FY 2020-21, FY 2021-22 and FY 2022-23.

vii) Long Term/ Medium Term Purchases (Thermal Power Tech Corporation India Limited (TPCIL))

The Telangana Discoms have signed a Power Purchase Agreement with M/s. Thermal Power Tech Corporation India Limited (TPCIL) for a contracted capacity of 500 MW (Unit-I) under long term basis through Case-I bidding route for a period of 25 years. Consequent to bifurcation of the state, TS Discoms has a share of 53.89% i.e. 269.45 MW. TPCIL (Unit-I) has been supplying this power from 20.04.2015.

Also, the TS Discoms have followed the competitive bidding mechanism and have signed a Power Purchase Agreement with M/s. Thermal Power tech Corporation India Limited (TPCIL) for a contracted capacity of 570 MW (Unit-II) under long term DBFOO basis for a period of 8 years. TPCIL (Unit-II) has been supplying this power from 30.03.2016.

The total installed capacity of the project along with the Telangana share, considered for FY 2020-21, FY 2021-22 and FY 2022-23, is as given below:

Name of the Station	Capacity	TS Share	
	(MW)	%	MW

Thermal Power Tech Unit - I	500	53.89%	269.45
Thermal Power Tech Unit – II	570	100%	570
TOTAL	1070		839.45

viii) Bilateral/ Inter-State purchases

Based on the projected energy deficit in H2 FY 2021-22 and FY 2022-23, the TS Discoms shall procure from Short-term market (Exchange and Bilateral) on a need to need basis. In view of the additional LIS loads expected in FY 2019-20, the TS Discoms had contracted a short-term power on a round the clock (RTC) basis. Also, the TS Discoms have entered into an agreement with PTC India Ltd. for the procurement of 550 MW for 6 months period in a year, under the MoP notified pilot scheme for aggregation of 2500 MW for 3 years (under Medium Term) through competitive bidding. The details of such capacities are mentioned below.

Applicable months	Contracted Capacity (MW)
July 2020 to September 2020	550
January 2021 to April 2021	550
July 2021 to September 2021	550
February 2022 to April 2022	550
July 2022 to September 2022	550

3.3.4 Energy Availability

i) TSGenco Thermal:

Since, FY 2020-21 and H1 FY 2021-22 have already been completed, the licensee has considered the energy availabilities for FY 2020-21, and H1 FY 2021-22 in line with the actual energy dispatched from TS Genco thermal stations. For H2 FY 2021-22 and FY 2022-23, the availability projections have been taken, as provided by the respective TS Genco thermal stations. For BTPS and YTPS, the projections have been done from the months of expected commissioning of each unit. No availabilities for KTPS (A,B,C), have been considered from April 2020. The relevant maintenance schedules, provided by respective stations, have been considered as applicable.

Based on above considerations, the overall station-wise PLFs (net off auxiliary consumption and maintenance) and the corresponding net energy availability for FY 2020-21, FY 2021-22 and FY 2022-23 are mentioned in the table below:

TSGENCO thermal (Net Energy Availability – MU) for FY 2020-21, FY 2021-22 and FY 2022-23						
Station Name	FY 2020-21		FY 2021-22		FY 2022-23	
	PLF (%)	Energy* (MU)	PLF (%)	Energy* (MU)	PLF (%)	Energy* (MU)
Kothagudem–V	56%	2444	65%	2827	73%	3188
Kothagudem–VI	77%	3386	72%	3132	74%	3241
Kakatiya TPP -I	54%	2353	73%	3196	74%	3241
Kakatiya TPP –II	70%	3673	64%	3350	74%	3910
Ramagundam – B	46%	250	52%	287	68%	370

Kothagudem - VII	83%	5833	78%	5494	81%	5644
BTPS	61% (Corresponding to the CoD of each unit)	1658	69% (Corresponding to the CoD of each unit)	5312	78%	7361
YTPS					83%	479
Total		19598		23598		27434

* Actual Energy dispatched has been considered for FY 2020-21 and H1 FY 2021-22

ii)Hydel energy – TSGenco and Inter-state:

The licensee has projected the Hydel availability considering 100% share of power from the hydel projects in the state of Telangana. The licensee would like to submit that the major hydel projects in the state of Telangana serve as multi-purpose projects. In such projects, meeting the irrigation needs is of primary importance and generation of power is subject to meeting the irrigation needs.

Since, FY 2020-21 and H1 FY 2021-22 have already been completed and Hydel being must-run stations, the licensee has considered the energy availabilities for FY 2020-21 and H1 FY 2021-22, in line with the actual energy dispatched from TS Genco hydel stations.

The actual hydel generation for H1 FY 2021-22, achieved at a high quantum of 3094 MU can be attributed to a good monsoon in H1 FY 2021-22. It is expected that a similar trend may continue in FY 2022-23. Hence, an energy availability of 4,000 MU has been projected for FY 2022-23.

For Machkund and Tungabhadra, No availabilities have been considered for FY 2021-22, and FY 2022-23.

Based on above considerations, the overall net energy availability for FY 2020-21, FY 2021-22 and FY 2022-23, are mentioned in the table below:

Hydel (Net Energy Availability – MUs) for FY 2020-21, FY 2021-22 and FY 2022-23			
Name of the Station	FY 2020-21 Energy (MU)	FY 2021-22 Energy (MU)	FY 2022-23 Energy (MU)
Interstate projects**:			
Machkund, Orissa	-	-	-
Tunga Bhadra, Karnataka	-	-	-
State projects:			
Srisaillam left bank PH	1220	1749	1515
Nagarjunsagar	1238	1984	1611

Nagarjunsagar left canal PH	91	142	59
Nizam Sagar	9	22	17
Pochampadu	56	59	60
Mini hydro (Peddapalli)	1	3	3
Palair	0	3	8
Pochampad Stage-II	10	40	20
Singur	31	21	15
Priyadarshini Jurala***	179	278	169
Lower Jurala	391	366	341
Pulichintala	197	254	182
Total	3424	4921	4000

* Actual Energy dispatched has been considered for 2020-21 and H1 FY 2021-22

**There has been no scheduling to TS for Machkund and Tungabhadra, since June, 2017.

***The PriyadarshiniJurala Project MoU was entered with Karnataka and the Energy sharing is in the ratio of 50:50 between TS & Karnataka.

iii) CENTRAL GENERATION STATIONS

Since, FY 2020-21 and H1 FY 2021-22 have already been completed, the licensee has considered the energy availabilities for FY 2020-21 and H1 FY 2021-22, in line with the actual energy dispatched from the CGS stations. For H2 FY 2021-22 and FY 2022-23, the station-wise energy availability projections have been provided by the respective CGS stations. The relevant maintenance schedules as applicable have been considered for each station.

Based on above considerations, the overall station-wise PLFs (net off auxiliary consumption and maintenance) and the corresponding net energy availability based on the respective CGS allocated share, for FY 2020-21, FY 2021-22 and FY 2022-23 are mentioned in the table below:

CGS (Net Energy Availability – MUs) for FY 2020-21, FY 2021-22 and FY 2022-23						
Name of the Station	FY 2020-21		FY 2021-22		FY 2022-23	
	PLF (%)	Energy (MU)	PLF (%)	Energy (MU)	PLF (%)	Energy (MU)
NTPC(SR) Ramagundam I & II	70%	2125	75%	2350	89%	2683
NTPC(SR) Ramagundam- III	66%	501	76%	602	95%	721
NTPC Talcher-II	80%	1504	82%	1569	87%	1639
NTPC Simhadri Stg-I	34%	1604	71%	3351	88%	4171
NTPC Simhadri Stg-II	54%	1092	70%	1512	94%	1912
NTPC Kudigi - I, II & III	23%	538	48%	1213	90%	2136
NLC TS II Stg-I	56%	295	71%	367	75%	396

NLC TS II Stg-II	34%	315	69%	638	76%	710
Neyveli new unit – I	70%	190	72%	196	74%	201
Neyveli new unit – II	-	-	72%	196	74%	201
NPC – MAPS	35%	70	20%	40	29%	59
NPC – Kaiga I & II	82%	510	76%	461	73%	453
NPC – Kaiga III & IV	82%	542	80%	517	69%	451
NPC Kudankulam	67%	294	74%	326	66%	288
Vallur TPP (NTECL - Vallur)	22%	218	71%	678	86%	835
NLC Tamil Nadu Power Ltd (Tuticorin)	60%	806	69%	906	80%	1069
Telangana STPP Phase I					60%	3500
Bundled Power under JNNSM Ph 1	51%	204	67%	269	84%	336
NTPC Bundled Power (200 MW)	66%	1156	72%	1254	79%	1391
TOTAL		11964		16445		23152

* Actual Energy dispatched has been considered for FY 2020-21 and H1 FY 2021-22

iv) AP Gas Power Corporation Ltd (“APGPCL”)

For FY 2020-21, FY 2021-22 and FY 2022-23, the licensee has considered no projections from APGPCL stations.

v) Non - Conventional Energy (NCE) Sources

Since, FY 2020-21 and H1 FY 2021-22 have already been completed and NCES being must-run stations, the licensee has considered the energy availabilities for FY 2020-21 and H1 FY 2021-22, in line with the actual energy dispatched from these stations.

For H2 FY 2021-22 and FY 2022-23, the source-wise considerations are mentioned below –

Biomass, Bagasse, Mini-Hydel & Industrial Waste: Actual generation data for FY 2020-21 and H1 FY 2021-22, are considered for the projections for H2 FY 2021-22 and FY 2022-23.

Municipal Solid Waste (MSW): In TSSPDCL licensed area, Energy availability has been projected for H2 FY 2021-22 and FY 2022-23, from M/s Hyderabad MSW Energy Solutions Private Limited. Provisional PPA has been entered with M/s Shalivahana (MSW) Green Energy limited, in the TSNPDCL licensed area, but the plant is yet to start its operations.

Wind: Actual generation data for FY 2020-21 and H1 FY 2021-22, are considered for the projections for H2 FY 2021-22 and FY 2022-23.

Solar: Actual generation data for FY 2020-21 and H1 FY 2021-22, are considered for the projections for H2 FY 2021-22 and FY 2022-23. Suitable estimated additions have been made as per the status of the contracts entered with solar plants.

All projects under Solar Bid 2012, Open Offer 2013, Solar bid 2014 and Solar Bid 2015, have been commissioned except SQA Concepts (2 MW), Kranthi Edifice (10 MW) and Minopharm Laboratories (2.5 MW).

Under CPSU scheme, Telangana Discoms have entered into Power Supply Agreement (PSA) with 1,692 MW NTPC solar plants located in Rajasthan, Tamil Nadu and Gujarat. Staggered availabilities have been considered in FY 2022-23, as per the expected CODs of each plant capacity. Also, Energy availability has been projected for SECI 400 MW for FY 2021-22 and FY 2022-23, as per the expected CODs of each plant capacity.

Bundled power (solar) under JNNSM Ph 1, NTPC Bundled power 400 MW (solar): Actual generation data for FY 2020-21 and H1 FY 2021-22, are considered for the projections for H2 FY 2021-22 and FY 2022-23. Suitable estimated additions have been made as per the status of the contracts entered.

Discom-wise energy availabilities for FY 2020-21, FY 2021-22 and FY 2022-23 from various NCE sources are mentioned below:

NCES (Net Energy Availability – MUs) for FY 2020-21			
Type of NCES Project	TSSPDCL	TSNPDCL	State
Bio Mass	55	103	158
Bagasse Cogeneration	9	19	27
Industrial Waste based	36	35	71
Municipal Solid Waste based	59	-	59
Wind	192	-	192
Mini Hydel	3	2	5
Solar	3553	1628	5181
NTPC 400 MW Bundled Solar	575	240	815
Bundled Power Solar JNNSM Phase I	37	15	52
Total Availability	4519	2042	6558

NCES (Net Energy Availability – MUs) for FY 2021-22			
Type of NCES Project	TSSPDCL	TSNPDCL	State
Bio Mass	35	74	109
Bagasse Cogeneration	9	19	28
Industrial Waste based	42	41	83
Municipal Waste based	126	-	126
Wind	219	-	219
Mini Hydel	0	1	1
Solar	3525	1634	5159
SECI 400 MW	64	27	91
NTPC 400 MW Bundled Solar	588	246	834
Bundled Power Solar JNNSM Phase I	34	14	48
Total Availability	4642	2056	6698

NCES (Net Energy Availability – MUs) for FY 2022-23 (projected)			
Type of NCES Project	TSSPDCL	TSNPDCL	State
Bio Mass	35	36	71
Bagasse Cogeneration	3	14	17
Industrial Waste based	42	43	85
Municipal Waste based	127	-	127
Wind	257	-	257
Mini Hydel	0	-	0
Solar	3545	1644	5189
SECI 400 MW	417	174	591
NTPC CPSU 1692 MW	1231	514	1745
NTPC 400 MW Bundled Solar	579	242	821
Bundled Power Solar JNNSM Phase I	34	14	48
Total Availability	6270	2681	8953

vi) Thermal Power Tech Corporation India Ltd. (TPCIL)

Since, FY 2020-21 and H1 FY 2021-22 have already been completed, the licensee has considered the energy availabilities for FY 2020-21 and H1 FY 2021-22, in line with the actual energy dispatched from these stations.

For H2 FY 2021-22 and FY 2022-23, the licensee has considered the projections, as provided by the respective stations. The relevant maintenance schedules as applicable have been considered for each station.

Based on above considerations, the overall station-wise PLFs (net off auxiliary consumption and maintenance) and the corresponding net energy availability for FY 2020-21, FY 2021-22 and FY 2022-23, are mentioned in the table below

(Net Energy Availability – MUs) for FY 2020-21, FY 2021-22 and FY 2022-23						
Name of the Station	2020-21		2021-22		FY 2022-23	
	PLF (%)	Energy (MU)	PLF (%)	Energy (MU)	PLF (%)	Energy (MU)
TPCIL - I	80%	1879	95%	2238	95%	2242
TPCIL – II	84%	4207	95%	4740	95%	4744
TOTAL		6096		6978		6986

* Actual Energy dispatched has been considered for FY 2020-21 and H1 FY 2021-22

vii) Chhattisgarh Power Distribution Company Limited (CSPDCL)

Since, FY 2020-21 and H1 FY 2021-22 have already been completed, the licensee has considered the energy availabilities for FY 2020-21 and H1 FY 2021-22, in line with the actual energy dispatched from CSPDCL.

CERC has approved a quantum of 6350 MU @ 70% PLF, as sale of power from CSPDCL to Telangana Discoms in CSPDCL Tariff Order for 2021-22. The licensee has considered the projection for H2 FY 2021-22 and FY 2022-23, on similar PLFs as the annual energy availability of CSPDCL.

PLF (net off auxiliary consumption and maintenance) and the corresponding net energy availability for FY 2020-21, FY 2021-22 and FY 2022-23 is mentioned in the table below –

(Net Energy Availability – MUs) for FY 2020-21, FY 2021-22 and FY 2022-23						
Name of the Station	2020-21		2021-22		2022-23	
	PLF (%)	Energy (MU)	PLF (%)	Energy (MU)	PLF (%)	Energy (MU)
CSPDCL	37%	3275	52%	4532	72%	6350

* Actual Energy dispatched has been considered for FY 2020-21 and H1 FY 2021-22

viii) Singareni Thermal Power Project

Since, FY 2020-21 and H1 FY 2021-22 have already been completed, the licensee has considered the energy availabilities in line with the actual energy dispatched from Singareni TPP.

For H2 FY 2021-22 and FY 2022-23, the projections have been taken as provided by the generating station. The relevant maintenance schedules as applicable have been considered for each station.

PLF (net off auxiliary consumption and maintenance) and the corresponding net energy availability for FY 2020-21, FY 2021-22 and FY 2022-23 is mentioned in the table below –

(Net Energy Availability – MUs) for FY 2020-21, FY 2021-22 and FY 2022-23						
Name of the Station	2020-21		2021-22		2022-23	
	PLF (%)	Energy* (MU)	PLF (%)	Energy* (MU)	PLF (%)	Energy (MU)
Singareni TPP	65%	6875	86%	9025	86%	9044

* Actual Energy dispatched has been considered for FY 2020-21 and H1 FY 2021-22

ix) Short-term Power (RTC)

In view of the additional LIS loads expected in FY 2019-20, the TS Discoms had contracted a short-term power on a round the clock (RTC) basis. The details of the capacities have already been mentioned in the previous section.

Since, FY 2019-20 has already been completed, the licensee has considered the energy availabilities for FY 2019-20, in line with the actual energy dispatched from such capacities, i.e. 1,769 MU. No such projections have been done for FY 2020-21, FY 2021-22 and FY 2022-23.

x) PTC India Ltd.

Also, the TS Discoms have entered into an agreement with PTC India Ltd. for the procurement of 550 MW for 6 months period in a year, under the MoP notified pilot scheme for aggregation of 2500 MW for 3 years (under Medium Term) through competitive bidding. The details of such capacities have been mentioned in the section 3.3.3.9.

Since, FY 2020-21 and H1 FY 2021-22 have already been completed, the licensee has considered the energy availabilities for FY 2020-21, and H1 FY 2021-22 in line with the actual energy dispatched from such capacities.

For H2 FY 2021-22 and FY 2022-23, the energy availability corresponding to such capacities have been projected at 100% PLF.

The energy availability for FY 2020-21, FY 2021-22 and FY 2022-23 has been mentioned below:

(Net Energy Availability – MUs) for FY 2020-21, FY 2021-22 and FY 2022-23			
Name of the Source	2020-21	2021-22	2022-23
	Energy (MU)	Energy (MU)	Energy (MU)
PTC India Ltd.	1353	1204	1369

** Actual Energy dispatched has been considered for FY 2020-21 and H1 FY 2021-22*

xi) Others

Since, FY 2020-21 and H1 FY 2021-22 have already been completed, the licensee has considered the energy from Other Short-term sources i.e. 8973 MU and 1985 MU respectively.

Summary

A summary of the source-wise projections for the net energy availability for FY 2020-21, FY 2021-22 and FY 2022-23 is presented below.

Generating Station	Net Energy Availability (MU)
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	FY 2020-21	FY 2021-22	FY 2022-23
TS Genco – Thermal	19598	23597	27435
Hydel energy – TS Genco	3424	4921	4000
Central Generating Stations	11965	16445	23151
NCES	6558	6698	8953
Thermal Power Tech	6085	6978	6986
CSPDCL	3275	4532	6350
Singareni	6875	9025	9044
PTC India Ltd.	1353	1204	1369
Others	7619	1985	0
Total	66753	75386	87288

4 EXPENDITURE PROJECTIONS & ARR

4.1.1 TS Genco – Thermal and Hydro

Fixed Costs

The licensee has considered the actual fixed costs paid to the TS Genco – Thermal and Hydro stations for FY 2020-21 and H1 FY 2021-22. For H2 FY 2021-22, the licensee has taken the fixed cost projections in line with the actuals for H1 FY 2021-22. For FY 2022-23, the licensee has taken the projections as provided by the respective stations.

The total fixed cost considered for TSGENCO – Thermal and Hydro stations for FY 2020-21, FY 2021-22 and FY 2022-23, is mentioned in the table below

Name of the Station	Fixed Cost (INR Cr.)		
	FY 2020-21 (actuals)	FY 2021-22 (Est.)	FY 2022-23 (Proj.)
THERMAL			
Kothagudem-V	275	380	392
Kothagudem-VI	514	544	518
Kakatiya TPP -I	531	505	453
Kakatiya TPP –II	758	832	847
Ramagundam – B	51	101	122
Kothagudem – VII	1040	957	622
BTPS*	558	1445	2078
YTPS**			96
TOTAL THERMAL	3726	4764	5684
HYDEL			
Interstate projects:			
Machkund, Orissa	-	-	-
Tunga Bhadra, Karnataka	-	-	-
State projects:			
Srisaillam left bank PH	345	440	425
Nagarjunsagar	266	270	331
Nagarjunsagar left canal			
Nizam Sagar	34	34	50
Pochampadu			
Palair			
Singur			
Mini hydro(Peddapalli)	6	6	10
Pochampad Stage-II	8	8	11
Priyadarshini Jurala	57	59	132
Lower Jurala	284	284	265
Pulichintala	81	81	128
TOTAL HYDEL	1081	1181	1352
TOTAL Thermal and Hydro	4808	5945	7036

*1st unit, 2nd and 3rd unit of BTPS have been commissioned on 5th June 2020, 7th December 2020 and 27th March 2021 respectively. The Expected CoD of 4th BTPS unit – 1st January 2022. **1st unit of YTPS expected to be commissioned on 1st March 2023.

Variable Costs

The licensee has considered the actual variable costs paid to the TS Genco Thermal stations for FY 2020-21 and H1 FY 2021-22. For VC projections for H2 FY 2021-22 and FY 2022-23, the licensee has taken the station-wise variable costs projections as provided by the respective stations.

The table below summarizes the station-wise variable rates considered for FY 2020-21, FY 2021-22 and FY 2022-23.

Name of the Station	Variable Rate (INR/kWh)		
	FY 2020-21 (actual)	FY 2021-22 (Est.)	FY 2022-23 (proj.)
Kothagudem-(A,B,C)			
Kothagudem-V	2.66	2.96	2.81
Kothagudem-VI	2.67	3.04	2.82
Kakatiya TPP -I	2.59	3.07	2.85
Kakatiya TPP -II	2.54	3.07	2.87
Ramagundam – B	3.07	3.55	3.43
Kothagudem - VII	2.28	2.74	2.49
BTPS	2.51	2.78	2.91
YTPS			2.49

Interest on Pension Bonds

The licensee has considered the actual costs paid to the TS Genco Thermal stations for FY 2020-21 and H1 FY 2021-22, on account of Interest on Pension Bonds. For H2 FY 2021-22 and FY 2022-23, the licensee has taken the projections as provided by the TS Genco stations.

The total interest on pension bonds payable to TS Genco for FY 2020-21, FY 2021-22 and FY 2022-23 is mentioned in the table below –

Details	Interest on Pension bonds (INR Cr.)		
	FY 2020-21 (Actual)	FY 2021-22 (Est.)	FY 2022-23 (Proj.)
TS Genco Pension Bonds	1173	1173	1395

4.1.2 Central Generating Stations

Fixed Costs

The licensee has considered the actual fixed costs paid to the CGS stations for FY 2020-21 and H1 FY 2021-22. In the absence of CERC Tariff Orders for the CGS

stations for H2 FY 2021-22 and FY 2022-23, the licensee has considered the actual fixed costs paid in H1 FY 2021-22 to arrive at the fixed costs for H2 FY 2021-22. The projections for FY 2022-23, have been considered in line with the arrived projections for FY 2021-22.

Based on the above considerations, the total fixed cost projections for the CGS thermal stations for FY 2020-21, FY 2021-22 and FY 2022-23, are captured below –

Name of the Station	CGS Thermal Fixed Costs (INR Crs)		
	FY 2020-21 (Actual)	FY 2021-22 (Est.)	FY 2022-23 (Proj.)
NTPC (SR) Ramagundam I & II	162	189	189
NTPC (SR) – Ramagundam- III	41	57	57
NTPC Talcher-II	110	118	118
NTPC Simhadri Stg-I	403	479	479
NTPC Simhadri Stg-II	243	230	230
NTPC Kudigi - I, II & III	302	320	320
NLC TS II Stg-I	22	27	27
NLC TS II Stg-II	28	50	50
Neyveli new unit – I	35	34	34
Neyveli new unit – II		34	34
Vallur TPP (NTECL - Vallur)	130	135	135
NLC Tamil Nadu Power Ltd (Tuticorin)	170	189	189
Telangana STPP Phase I			791
CGS thermal total	1646	1861	2652

Variable Costs

The licensee has considered the actual variable costs paid to the CGS stations for FY FY 2020-21 and H1 FY 2021-22. The variable cost projections for H2 FY 2021-22, have been considered in line with the actual variable rates paid in H1 FY 2021-22. The projections for FY 2022-23, have been taken in line with the arrived station-wise projections for FY 2021-22.

Based on the above considerations, the station-wise variable cost rates considered for FY 2020-21, FY 2021-22 and FY 2022-23 are captured in the table below –

Name of the Station	CGS variable rates (INR/kWh)		
	FY 2020-21 (Actual)	FY 2021-22 (Est.)	FY 2022- 23 (Proj.)
NTPC (SR) Ramagundam I, II	2.42	2.57	2.57
NTPC (SR) – Ramagundam- III	2.37	2.53	2.53
NTPC Talcher-II	1.94	1.73	1.73
NTPC Simhadri Stg-I	3.29	3.14	3.14
NTPC Simhadri Stg-II	3.10	3.07	3.07
NTPC Kudigi - I, II & III	3.09	3.42	3.42

NLC TS II Stg-I	2.72	2.64	2.64
NLC TS II Stg-II	2.71	2.65	2.65
Neyveli new unit – I	2.31	2.19	2.19
Neyveli new unit – II		2.19	2.19
Vallur TPP (NTECL - Vallur)	3.70	2.94	2.94
NLC Tamil Nadu Power Ltd (Tuticorin)	2.85	2.66	2.66
Telangana STPP Phase I			2.27
NPC – MAPS	2.59	2.16	2.16
NPC - Kaiga I & II	3.45	3.50	3.50
NPC - Kaiga III & IV	3.45	3.50	3.50
NPC Kudankulam	4.14	3.92	3.92
Bundled Power (coal) under JNNSM Ph 1	4.46	4.62	4.62
NTPC Bundled Power (coal) (200 MW)	3.75	3.95	3.95

4.1.3 PGCIL (POC) Charges, PGCIL (Non-POC) and SRLDC charges & fees

TS Discoms have been making the payments in every month towards utilization of Inter-State Transmission network based on the determination of POC rates applicable to TS in every quarter. Further, PGCIL (Non-POC) charges and SRLDC charges & fees are separately being paid to PGCIL and SRLDC respectively based on the fixed charges determined by CERC for a period of 5 years. In case of PGCIL, as per the regulations, PGCIL has been recovering the full fixed charges through POC rates duly considering the orders of CERC and also subject to reconciling the entire amount on a pro-rata basis of payments in every quarter and if recovery of fixed charges are made lesser or higher side by PGCIL in every month.

The licensee has considered the actual PGCIL charges paid for FY 2020-21 and H1 FY 2021-22. For H2 FY 2021-22 and FY 2022-23, the average of PGCIL rates for the months of January 2021 to September 2021, as available in the SRPC website. This rate along with the projected capacities for CGS stations, Thermal Power Tech (Units I, II) and CSPDCL has formed the basis for calculating PGCIL (POC) charges for H2 FY 2021-22 and FY 2022-23. Other PGCIL charges (STOA charges) paid as a result of procuring power from IEX, has also been considered based on the actuals of FY 2020-21 and H1 FY 2021-22.

For FY 2020-21 and H1 FY 2021-22, the actual PGCIL (Non-POC) charges and SRLDC charges & fees, have been considered. The projections for H2 FY 2021-22 and FY 2022-23 have been done in line with the FY 2020-21 and H1 FY 2021-22 actuals. An estimate of PGCIL (POC) charges payable on account of the medium-term power procurement from PTC India Ltd., is also included in the overall projection.

Based on the above considerations, the PGCIL (POC) charges, PGCIL (Non-POC) charges and SRLDC fees & charges for FY 2020-21, FY 2021-22 and FY 2022-23 are summarized below -

PGCIL charges for FY 2020-21, FY 2021-22 and FY 2022-23			
Name of the Station	FY 2020-21 (INR Cr.)	FY 2021-22 (Est.)	FY 2022-23 (Proj.)
Total	1536	1532	1645

4.1.4 APGPCL

For H2 FY 2021-22 and FY 2022-23, the licensee has considered no projections from APGPCL stations.

4.1.5 Non-Conventional Energy (NCE) Sources

The licensee has considered the actual costs paid to the various NCES stations for FY FY 2020-21 and H1 FY 2021-22. For H2 FY 2021-22 and FY 2022-23, the licensee has taken the weighted average rate for respective NCES sources, as per the existing contracts entered with the various NCES plants.

NCES wt. avg. rate projections for FY 2020-21, FY 2021-22 and FY 2022-23 (TSSPDCL)			
Type of NCES Project	FY 2020-21	FY 2021-22	FY 2022-23
Bio Mass	6.54	6.44	7.08
Bagasse Cogeneration	4.20	5.13	5.34
Industrial Waste based	6.12	6.60	6.88
Municipal Solid Waste based	7.73	6.48	7.84
Wind	4.78	4.54	4.29
Mini Hydel	2.88	2.10	2.15
Solar	5.98	5.97	5.99
NTPC CPSU – 1692 MW			2.82
SECI 400 MW		2.78	2.78
NTPC 400 MW Bundled Solar	4.80	4.71	4.73
Bundled Power Solar JNNSM Phase I	10.74	10.69	10.69

The tariff adopted for Biomass, Bagasse, Mini Hydel and Industrial Waste based projects is as per the Commission orders, which is exclusive of Electricity Duty, MAT/Income Tax and Royalty Charges. The same need to be reimbursed, as per actuals as and when claimed by the project developers.

4.1.6 Thermal Power Tech Corporation India Ltd. (TPCIL)

The licensee has considered the actual fixed costs and variable costs paid to the TPCIL stations for FY 2020-21 and H1 FY 2021-22. For H2 FY 2021-22 and FY 2022-23, the licensee has taken the provisional fixed cost (per-unit) and variable cost projections shared by TPCIL, as per the terms and conditions of the long term contract.

The fixed cost projections for H2 FY 2021-22 and FY 2022-23, have been arrived by considering this per-unit rate and energy dispatch from these stations.

Based on the above considerations, the station-wise variable rates and fixed costs considered for FY 2020-21, FY 2021-22 and FY 2022-23, are captured in the table below –

Station	Fixed Costs (INR Cr.)			Variable rates (INR/kWh)		
	FY 2020-21 (Actual)	FY 2021-22 (Est.)	FY 2022-23 (Proj.)	FY 2020-21 (Actual)	FY 2021-22 (Est.)	FY 2022-23 (Proj.)
TPCIL - I	351	378	334	2.33	2.26	2.26
TPCIL - II	1129	1056	1137	2.12	2.33	2.33
Total	1479	1434	1471			

4.1.7 Chhattisgarh Power Distribution Company Limited (CSPDCL)

The licensee has considered the actual fixed costs and variable costs paid to CSPDCL for FY 2020-21 and H1 FY 2021-22. For H2 FY 2021-22 and FY 2022-23, the licensee has taken the fixed cost (per-unit) and variable cost projections i.e. INR 1.20/ kWh and INR 2.70/ kWh, as per the terms of the long-term contract.

The fixed cost projections for H2 FY 2021-22 and FY 2022-23, have been arrived by considering this per-unit rate and energy dispatch from these stations.

Based on the above considerations, the variable rates and fixed costs considered for FY FY 2020-21, FY 2021-22 and FY 2022-23, are captured in the table below –

Station	Fixed Costs (INR Cr.)			Variable rates (INR/kWh)		
	FY 2020-21 (Actual)	FY 2021-22 (Est.)	FY 2022-23 (Proj.)	FY 2020-21 (Actual)	FY 2021-22 (Est.)	FY 2022-23 (Proj.)
CSPDCL	889	1224	1714	1.20	1.20	1.20

4.1.8 Singareni Thermal Power Project

The licensee has considered the actual fixed costs and variable costs paid to the Singareni TPP for FY 2020-21 and H1 FY 2021-22. For H2 FY 2021-22 and FY

2022-23, the licensee has taken the fixed cost projections, as per the TSERC MYT Order dated 28.08.2020. The variable rate projections for H2 FY 2021-22 and FY 2022-23, have been considered as per the estimates shared by Singareni TPP.

Based on the above considerations, the variable rates and fixed costs considered for FY 2020-21, FY 2021-22 and FY 2022-23, are captured in the table below –

Station	Fixed Costs (INR Cr.)			Variable rates (INR/kWh)		
	FY 2020-21 (Actual)	FY 2021-22 (Est.)	FY 2022-23 (Proj.)	FY 2020-21 (Actual)	FY 2021-22 (Est.)	FY 2022-23 (Proj.)
Singareni TPP	1471	1443	1416	2.55	2.75	2.99

4.1.9 Short-term Power (RTC)

In view of the additional LIS loads expected in FY 2019-20, the TS Discoms had contracted short-term power on a round the clock (RTC) basis, spread across 23 Purchase Orders (POs) placed during FY 2019-20. The TS Discoms had paid the energy charges at the weighted average rates of these POs placed.

4.1.10 PTC India Ltd.

The TS Discoms have entered into an agreement with PTC India Ltd. for the procurement of 550 MW for 6 months period in a year, under the MoP notified pilot scheme for aggregation of 2500 MW for 3 years (under Medium Term) through competitive bidding. The details of such capacities and energy availabilities have been mentioned in the sections 3.3.3 (ix) and 3.3.4 (x) respectively.

For FY 2020-21 and H1 FY 2021-22, the actual costs paid to PTC have been considered. For H2 FY 2021-22 and FY 2022-23, the per-unit rate payable to PTC India, has been taken as per the PPA (which is inclusive of a trading margin of INR 0.05/kWh). The Hon'ble Commission has already given its approval for the aforementioned rate.

The details of the per-unit variable rate, for FY 2020-21, FY 2021-22 and FY 2022-23, are mentioned below -

Source	Variable rate (INR/kWh)		
	FY 2020-21	FY 2021-22	FY 2022-23
PTC India Ltd.	4.29	4.29	4.29

4.1.11 Bilateral/ Inter-State purchases

For FY 2020-21 and H1 FY 2021-22, the actual costs paid for short-term purchase including bilateral purchases and trading, have been considered. For H2 FY 2021-22 and FY 2022-23, based on the month-wise total energy availability and energy requirement, actual energy dispatched has been estimated following the principles of Merit Order Dispatch.

The estimated energy deficit arrived, is proposed to be bought from the short-term market. Rates for such purchase for H2 FY 2021-22 and FY 2022-23, have been considered in line with actuals for FY 2020-21.

The details of per-unit rates considered for such other short-term purchases for FY 2020-21, FY 2021-22 and FY 2022-23, are mentioned below –

Projections for Other short-term purchase for FY 2020-21, FY 2021-22 and FY 2022-23			
Name of the Station	FY 2020-21 (INR/kWh)	FY 2021-22 (INR/kWh)	FY 2022-23 (INR/kWh)
Other Short-term purchase	3.85	3.59	3.85

Sale of Surplus power

For FY 2020-21 and H1 FY 2021-22, the licensees have considered the sale of surplus power, as per the actuals.

For H2 FY 2021-22 and FY 2022-23, the licensee has not considered any sale of surplus power, as the cost of such additional purchase is expected to be higher than the revenue from sale of surplus energy.

4.1.12 D-D purchases/ sales

Based on the actual energy requirement and the energy allocation of each Discom, the net energy surplus or deficit is met via the Inter-Discom purchase/ sale (after taking into account the short-term energy purchase/sale).

For FY 2020-21, the D-D purchases/ sales have been considered based on the final settlement between the TS Discoms. For H1 FY 2021-22, it is humbly submitted before the Hon'ble Commission, that the final settlement of the D-D purchase/sales between the TS Discoms, has not been completed yet. Hence, for the time-being, the licensees are submitting a month-wise provisional D-D quantum (purchase/sale), arrived based on the Discom-wise energy input and the Energy allocation details (as per the 70.55%:29.45% ratio) available. Also, for the cost accounting, an average power

purchase rate of FY 2020-21 has been taken on a provisional basis, which comes out to INR 4.66/kWh.

During the power purchase true-up filing for FY 2021-22, the actual details of quantum and costs for D-D purchase/sales shall be furnished accordingly.

For FY 2022-23, the D-D purchase/sale has been estimated based on the respective Discom-wise Energy requirement and Energy dispatch (as per MoD) (after accounting for the short-term energy purchase). For the cost accounting for FY 2022-23, the rate for D-D purchase/sale has been considered on the basis of the variable cost of the marginal station contributing to such deficit/surplus.

The details of the D-D purchase or sale quantum and the corresponding costs/revenue for each Discom for FY 2021-22 and FY 2022-23, are mentioned below –

Source	D-D purchase/ (sale) quantum (MU)			D-D costs/ (revenue) (INR Cr.)		
		FY 2021-22	FY 2022-23		FY 2021-22	FY 2022-23
TSSPDCL	(2174)	(1509)	(4074)	(846)	(643)	(1393)
TSNPDCL	2174	1509	4074	846	643	1393

4.1.13 Other Costs

For FY 2020-21 and H1 FY 2021-22, the actual costs incurred by the TS Discoms on account of Reactive charges, UI, arrears etc. have been considered as the Other Costs. For H2 FY 2021-22 and FY 2022-23, the same has been considered in line with the actual costs paid for H1 FY 2021-22.

4.1.14 Summary of power purchase for FY2020-21, FY2021-22 and FY 2022-23

For FY 2020-21 and H1 FY 2021-22, the actual power purchase quantum and costs incurred by the licensee has been furnished. For H2 FY 2021-22 and FY 2022-23, based on the overall energy availability and power purchase cost considerations discussed in the previous sections, the total power purchase energy quantum and costs have been allotted to the licensee separately, based on the individual energy requirement, energy availability and the corresponding energy dispatch for the licensee. The summary of power purchase quantum and costs for FY 2020-21, FY 2021-22 and FY 2022-23 of TSSPDCL are mentioned below

Generating Station	Power Purchase Cost (FY 2020-21)				
	Power Purchase quantum (MU)	Fixed Cost (INR Cr.)	Variable Cost (INR Cr.)	Other Costs (INR Cr.)	Total Cost (INR Cr.)
TSGENCO – Thermal	13827	2629	3476		6105
TSGENCO - Hydel	2415	763			763
Central Generating Stations	8441	1161	2475	257	3893
NCES	4516		2640	53	2692
Thermal Power Tech	4293	1011	940	93	2044
CSPDCL	2310	627	278		904
Singareni	4850	1038	1235	9	2282
D-D purchase/ (sale)	(2174)		(846)		(846)
Other Short-term purchase	6330	296	2131	71	2498
Interest on Pension bonds		827			827
Sale of Surplus power	(758)		(218)		(218)
Other Costs				(189)	(189)
Total	44052	8352	12111	294	20755

Generating Station	Power Purchase Cost (FY 2021-22)				
	Power Purchase quantum (MU)	Fixed Cost (INR Cr.)	Variable Cost (INR Cr.)	Other Costs (INR Cr.)	Total Cost (INR Cr.)
TSGENCO – Thermal	14886	3361	4318	71	7750
TSGENCO - Hydel	3472	833			833
Central Generating Stations	10749	1313	3148		4461
NCES	4643		2673		2673
Thermal Power Tech	4923	1037	1136	22	2195
CSPDCL	3197	864	384		1247
Singareni	6367	1018	1748	1	2768
PTC India	850		364		364
D-D purchase/ (sale)	(1509)		(643)		(643)
Other Short-term purchase	3333		1196		1196
Interest on Pension bonds		827			827
Other Costs	(1580)		(670)		(670)
Total	49330	9253	13654	94	23002

Generating Station	Power Purchase Cost (FY 2022-23)				
	Power Purchase quantum (MU)	Fixed Cost (INR Cr.)	Variable Cost (INR Cr.)	Other Costs (INR Cr.)	Total Cost (INR Cr.)
TSGENCO – Thermal	19194	4010	5337	28	9375
TSGENCO - Hydel	2822	954			954
Central Generating Stations	13757	1871	3853		5724
NCES	6271		3162		3162

Generating Station	Power Purchase Cost (FY 2022-23)				
	Power Purchase quantum (MU)	Fixed Cost (INR Cr.)	Variable Cost (INR Cr.)	Other Costs (INR Cr.)	Total Cost (INR Cr.)
Thermal Power Tech	4929	1038	1138	44	2220
CSPDCL	4480	1210	538		1747
Singareni	5267	999	1574	2	2575
PTC India	966		414		414
D-D purchase/ (sale)	(4074)		(1393)		(1,393)
Other Short-term purchase	1688		649		649
Interest on Pension bonds		984			984
Other Costs					
Total	55299	11066	15272	74	26411

4.2 Transmission Charges

4.2.1 The transmission tariff order for 4th control period has been issued on 20.03.2020 which is effective from 28.03.2020. The licensee has adopted the transmission charges and transmission capacity approved in the 4th MYT Tariff Order for projecting the transmission cost for FY2021-22 & FY2022-23. The Transmission charges paid for FY2020-21 and projected for FY 2021-22 & FY2022-23 are shown below:

Year	Contracted Capacity (MW)	Transmission Tariff (Rs./kW/month)	Transmission Charges (Rs. Crores)
2020-21	12905.76	105.19	1629.07
2021-22	14989.80	111.68	2008.87
2022-23	15344.68	129.45	2383.64

4.3 SLDC Charges

The SLDC Tariff order for 4th control period has been issued on 02.03.2020 which is effective from 10.03.2020. The licensee has adopted the SLDC charges and contracted capacity approved in the 4th MYT Tariff Order for projecting the SLDC charges for FY2021-22 & FY2022-23. The SLDC charges paid for FY2020-21 and projected for FY2021-22 & FY2022-23 are shown below:

Year	Contracted Capacity (MW)	SLDC Annual Fees (Rs./MW/Year)	Operating Charges (Rs./MW/Month)	Total SLDC Charges (Rs. Crores)
2020-21	13734.90	2513.70	1899.31	34.76
2021-22	15813.54	2706.21	1668.69	35.94
2022-23	16166.88	2824.46	1396.67	31.67

4.4 Distribution Cost

The details of the Distribution cost for the year 2020-21 (actuals) and 2021-22 & 2022-23 (approved in the Distribution MYT Tariff Order for 4th Control Period) are shown below

Figures in Rs. crores

Distribution Cost Breakup Particulars	2020-21 Actual	2021-22 Approved	2022-23 Approved
Operation & Maintenance Charges	2611.39	3209.32	3518.26
Return on capital employed	615.99	724.62	819.74
Depreciation	1066.58	937.33	1039.90
Taxes on income & Special Appropriations & Other Expenditure	9.67	69.32	75.79
Less: IDC/Expenses capitalized	82.15	173.08	200.68
Distribution Cost	4221.48	4767.51	5253.00
Less: Wheeling Revenue	15.84	46.80	45.81
Less: NTI	437.72	495.82	536.47
Net Distribution Cost	3767.93	4224.89	4670.72

4.5 Interest on Consumer Security Deposit

The details showing the actual interest paid on Consumer Security Deposit for FY 2019-20 and projected interest expense for FY 2021-22 & FY 2022-23 is as below.

Figures in Rs. crores

Particulars	2020-21	2021-22	2022-23
Opening Balance	3331.43	3516.81	3971.25
Additions during the Year	185.39	428.12	333.62
Closing Balance	3516.81	3944.93	4278.55
Average Balance ((Opening + Closing)/2)	3424.12	3730.87	4111.74
Interest @ % p.a.	4.32	4.25	4.25
Interest Cost (e * f)	148.06	158.56	174.75

The licensee has considered the rate of interest as notified by the Reserve Bank of India from time to time as stipulated in the Regulation for payment of interest on security deposits. The Bank rate as notified by RBI is shown below

Period	Rate of Interest (%) p.a.
22.05.2020 to till date	4.25

Hence, the licensee has estimated interest on consumer security deposits for FY2021-22 & FY 2022-23 considering Bank rate @ 4.25% p.a.

4.6 Supply Margin

The Supply margin arrived by considering the approved norm of 2% on equity component of Regulated Rate base. The Supply margin for 2020-21, 2021-22 & 2022-23 is as follows

Description	2020-21	2021-22	2022-23
Supply Margin (Rs. in crore)	28.31	33.28	37.65

4.7 Other Cost

The Licensee has not considered any other cost for FY2022-23.

4.8 Aggregate Revenue Requirement

The Aggregate Revenue Requirement (ARR) for FY2020-21, FY2021-22 and FY 2022-23 are as shown below:

figures in Rs. crores

Expenditure Item	2020-21	2021-22	2022-23
	Actual	Projection	
Power Purchase and procurement cost	20755.30	23,002.01	26,411.20
Transmission Cost	1629.07	2,008.87	2,383.64
PGCIL& ULDC Cost	1066.30	1,080.64	1,160.55
SLDC Charges	34.76	35.94	31.67
Distribution Cost	3767.93	4,224.89	4,670.72
Interest on Consumer Security Deposits	148.06	158.56	174.75
Supply Margin	28.31	33.28	37.65
Other Costs	0	0	0
Aggregate Revenue requirement	27429.72	30,544.20	34,870.18

5 REVENUE PROJECTIONS WITH CURRENT TARIFFS

5.1 Actual Revenue for FY2020-21 and Revenue projections for FY2021-22& FY2022-23

The Hon'ble Commission vide its Suo-Moto Order dated 18.07.2020 (O.P.No. 18 of 2020), has revised the tariffs applicable to all water pumping stations of Hyderabad Metropolitan Water Supply & Sewerage Board (HMWSSB), in terms of the directions of the Telangana Government under Section 108 of the Electricity Act, 2003. The details of the existing and revised tariffs applicable to HMWSSB consumers are mentioned below:

Category	Voltage level (kV)	Existing Tariff		Revised Tariff	
		EC (INR/kVAh)	DC (INR/kVA)	EC (INR/kVAh)	DC (INR/kVA)
HT – I (A)*	11 kV	6.65	390	3.95	390
	33 kV	6.15	390	3.95	390
	≥132 kV	5.65	390	3.95	390
HT – IV (B)	11 kV	5.10	-	3.95	-
	33 kV	5.10	-	3.95	-
	≥132 kV	5.10	-	3.95	-

* Applicable TOD charges in existing tariffs, removed in the revised tariff

As per the Hon'ble Commission's directions, such revised tariffs shall be applicable from FY 2018-19 onwards and shall continue till a final view is taken by the Hon'ble Commission on determination of tariff for retail supply for FY 2019–20 and FY 2020–21 and also in true-up of retail supply tariff for FY 2018–19.

The revised tariff for HMWSSB services which are covered under HT-I(A) Industrial category are made applicable w.e.f. July, 2020 and the corresponding revenue for FY2021-22 & FY2022-23 is projected in accordance with the revised tariffs.

The gross revenue at current tariffs with the actual sales for FY 2020-21 and projected sales for FY2021-22 & FY2022-23 are as shown below:

Revenue from Current Tariffs (Rs.Crs.)	2020-21	2021-22	2022-23
LT Category	7680	8036	8534
LT-I: Domestic	4210	4,333	4626
LT-II: Non–Domestic/Commercial	2285	2523	2689
LT-III: Industry	729	695	712
LT-IV: Cottage Industries	4	4	5
LT-V: Agricultural	47	49	51
LT-VI: Street Lightning & PWS Schemes	303	309	327
LT-VII: General Purpose	38	43	44
LT-VIII: Temporary Supply	63	79	81
LT-IX: Electric Vehicle Charging Stations	0.01	0.03	1.04
HT Category	11674	13785	16888
HT-I(A): Industry (General)	7079	8358	9144
HT-I(A): HMWSSB	402	550	551
HT-I(B): Ferro-Alloy Units	66	100	102

Revenue from Current Tariffs (Rs.Crs.)	2020-21	2021-22	2022-23
HT-II: Others	2083	2606	2659
HT-III: Airports, Bus Stations and Railway Stations	41	58	61
HT-IV: Irrigation & CPWS	1539	1508	3635
HT-V: Railway Traction & HMR	151	247	326
HT-VI: Townships & Residential Colonies	145	161	184
HT-VII: Temporary	167	195	218
HT-IX: Electric Vehicle Charging Stations	0.96	2	8
Total	19353	21821	25422

5.2 Non-Tariff Income for FY 2020-21 and projections for FY 2021-22 & FY 2022-23

The income reflected in financial statements other than revenue from sale of power during year 2020-21 is tabulated below:

Other income (Rs. in crores)	2020-21				Remarks
	Other income as per audited accounts	NTI of Distribution Business	NTI Retail supply Business	Others	
Incidental Charges-Work	44.69	44.69			
Sale of Scrap	4.45	4.45			
Penalties from Suppliers	3.65	3.65			
SDs & BGs forfeited	1.33	1.33			
Price Variation		0.00			
Wheeling charges	15.84			15.84	Shown as Revenue from Distribution business
Miscellaneous income	5.95	5.95			
Sale of Tender Schedule	0.25	0.25			
Rent from Fixed Assets	0.44	0.44			
Meter Testing Charges	0.40	0.40			
Registration Fees	0.53	0.53			
Interest on Staff loans & advances	0.59	0.59			
Penalty from employees	0.00	0.00			
Transformer Testing Charges	0.01	0.01			
NTI Distribution	78.11	62.27		15.84	
Prior Period	1425.70		0.00	364.44	prior period income shown in Form 7
Other income	0.00		0.00		
Capacitor Surcharge	12.95		12.95		
Interest on Others (ED)	5.66		5.66		

Other income (Rs. in crores)	2020-21				Remarks
	Other income as per audited accounts	NTI of Distribution Business	NTI Retail supply Business	Others	
Reactive Income	-0.05		-0.05		
Grid supporting /Application charge			0.00		
Interest on Bank	8.18		8.18		
Application Registration Fee	2.70		2.70		
Reconnection Fee –LT	0.41		0.41		
Reconnection Fee –HT	0.13		0.13		
NTI Retail supply business	1455.68	0.00	29.98	364.44	
Theft of Power	22.52			22.52	Theft of power is not identified under income as the related Power purchase costs are not considered under Regulatory accounting
Theft-incidentals charges	0.19			0.19	Theft of power is not identified under income as the related Power purchase costs are not considered under Regulatory accounting
Provision for Un-billed Revenue	2.39			2.39	provisions not included as per Regulatory accounting
UI charges	25.85			25.85	Adjusted in the PP cost
Compensation				0.00	Shown in Other costs in DB
Cross subsidy Surcharge				0.00	Reflected under Revenue from Sale of power (Form7)
DPS Income	1251.78		1061.26	2313.04	Not considered as it is used as a part of working capital requirement for Retail supply Business
FSA	1.58		0.17	1.75	
Interstate Sales	191.95			191.95	Adjusted in the PP cost
Electricity Duty				0.00	Adjusted in current year Revenue from

Other income (Rs. in crores)	2020-21				Remarks
	Other income as per audited accounts	NTI of Distribution Business	NTI Retail supply Business	Others	
					sale of power (Form 7)
Provision for Bad doubtful debts/Bad debts recovered	-150.84			(150.84)	Provision for bad and doubtful debts are not included in the income as per Regulatory accounting
R & C Penalties	-0.16			(0.16)	Not included as per regulatory accounting
Rebate on Power Purchase	0.18			0.18	Generated out of internal efficiencies and hence not considered as a pass through
Sub Total of Other Income	1345.44	0.00	0.00	2406.87	
Other Income Total as per audited accounts	2879.23	62.27	29.98	2787.15	
Revenue from sale of Power less ED	19340.87				Reflected in Form 7
Grand Total of Revenue as per audited accounts	22220.09				

The Non-Tariff Income for Retail Supply Business for FY2020-21 is Rs. 29.98 crore. Considering the past trend, the Non-tariff income for FY 2021-22 has been projected at Rs. 31.52 crores & FY 2022-23 is projected at Rs. 33.10 crores which is detailed below:

Items of Non-Tariff Income (Rs.in crore)	2020-21	2021-22	2022-23
Capacitor Surcharge	12.95	13.60	14.28
Interest on Others (ED)	5.66	5.94	6.24
Interest on Bank deposits	8.18	8.58	9.01
Application Registration Fee	2.70	2.83	2.97
Reconnection Fee –LT	0.41	0.44	0.46
Reconnection Fee –HT	0.13	0.13	0.14
Other income	-0.04	0.00	0.00
Total Non-tariff Income	29.98	31.52	33.10

5.3 Revenue from Cross subsidy Surcharge and Additional Surcharge

5.3.1 Revenue from CSS & AS for FY2020-21

The actual revenue earned from Cross subsidy Surcharge and Additional Surcharge for FY 2020-21 from open access consumers is Rs. 352.34 crores. The open access sales recorded in FY2020-21 is 1712.16 MU. The Discom has estimated open

access sales for FY2020-21 by considering the actuals for H1 and projections for H2 based on FY20-21 trend. The month wise and category wise open access sales across voltages estimated for FY2021-22 is detailed below

Category/ Voltage	April	May	June	July	Aug ust	Sept ember	Oct Ober	Nov ember	Dec ember	Jan uary	Feb ruary	March	Total
Cat 1	63.45	115.04	142.01	122.58	126.71	61.1	170.76	171.13	177.62	142.47	103.34	63.82	1460.03
11	0.16	0.17	0.15	0.18	0.13	0.3	2.87	2.61	2.76	2.31	0.99	0.74	13.37
33	35.92	70.89	88.5	72.73	78.93	31.07	96.16	93.73	102.59	80.76	61.49	34.02	846.79
132	27.37	43.98	53.36	49.67	47.65	29.73	71.73	74.79	72.27	59.4	40.86	29.06	599.87
Cat 2	2.88	3.12	2.87	2.96	2.83	0.34	2.47	2.66	2.39	2.53	2.7	2.22	29.97
11	0.57	0.34	0.18	0.46	0.32	0.34	1	1	0.72	0.58	0.56	0.52	6.59
33	2.31	2.78	2.69	2.5	2.51	0	1.47	1.66	1.67	1.95	2.14	1.7	23.38
Grand Total	66.33	118.16	144.88	125.54	129.54	61.44	173.23	173.79	180.01	145.00	106.04	66.04	1490.00

The revenue from Cross Subsidy Surcharge and Additional Surcharge for FY 2021-22 is calculated considering the rate as per CSS & AS order for FY 2018-19. The Revenue from Cross Subsidy Surcharge and Additional Surcharge for FY2021-22 is estimated as shown below:

HT Category	Voltage level	Cross Subsidy Surcharge Revenue (Rs. in Crs.)	Additional Surcharge Revenue (Rs. in Crs.)
1	11kV	2.21	0.70
	33kV	123.63	44.03
	132kV	77.98	31.19
2	11kV	1.34	0.34
	33kV	4.11	1.22
Total		209.27	77.48

5.3.2 Revenue Projections from CSS & AS for FY 2022-23 with Current Tariffs

The Licensee has projected Open access sales of **1490 MU** during FY 2022-23 at the same level estimated for FY 2021-22. The Revenue from Cross Subsidy Surcharge and Additional Surcharge for FY2022-23 at existing rates is arrived as shown below:

HT Category	Voltage level	Open Access Sales (MU)	Cross Subsidy Surcharge (Rs./unit)	Additional Surcharge (Rs./unit)	Cross Subsidy Surcharge Revenue (Rs. in Crs.)	Additional Surcharge Revenue (Rs. in Crs.)
1	11kV	13.37	1.65	0.52	2.21	0.70
	33kV	846.79	1.46		123.63	44.03
	132kV	599.87	1.30		77.98	31.19
2	11kV	6.59	2.03	0.52	1.34	0.34
	33kV	23.38	1.76		4.11	1.22
Total		1490			209.27	77.48

5.4 Revenue Gap with Current Tariffs

The Revenue Gap with projected ARR for FY2021-22 & FY2022-23 at current tariffs is as shown below:

Revenue Deficit/Surplus (Rs. in crore)	2021-22
Aggregate Revenue Requirement	30544.20
Revenue from Current Tariffs	21820.56
Non-Tariff Income	31.52
Revenue from Cross Subsidy Surcharge	209.27
Revenue from Additional Surcharge	77.48
Revenue Deficit(-)/Surplus(+) at Current Tariffs	-8405.36
Subsidy	1397.50
Net gap – Deficit(-)/Surplus(+)	-7007.86

Revenue Deficit/Surplus (Rs. in crore)	2022-23
Aggregate Revenue Requirement	34870.18
Revenue from Current Tariffs	25421.76
Non-Tariff Income	33.10
Revenue from Cross Subsidy Surcharge	209.27
Revenue from Additional Surcharge	77.48
Revenue Deficit(-)/Surplus(+) at Current Tariffs	-9128.57
Subsidy	1397.50
Net gap – Deficit(-)/Surplus(+)	-7731.07

6 COST OF SERVICE

6.1 Introduction

This section presents the estimated cost of service for various consumer categories of the Southern Power Distribution Company Limited (TSSPDCL), for the year starting on April 1, 2022 and ending on March 31, 2023. The objective of this section is to classify the costs into demand; energy and customer related components and then apportion the same to various customer categories.

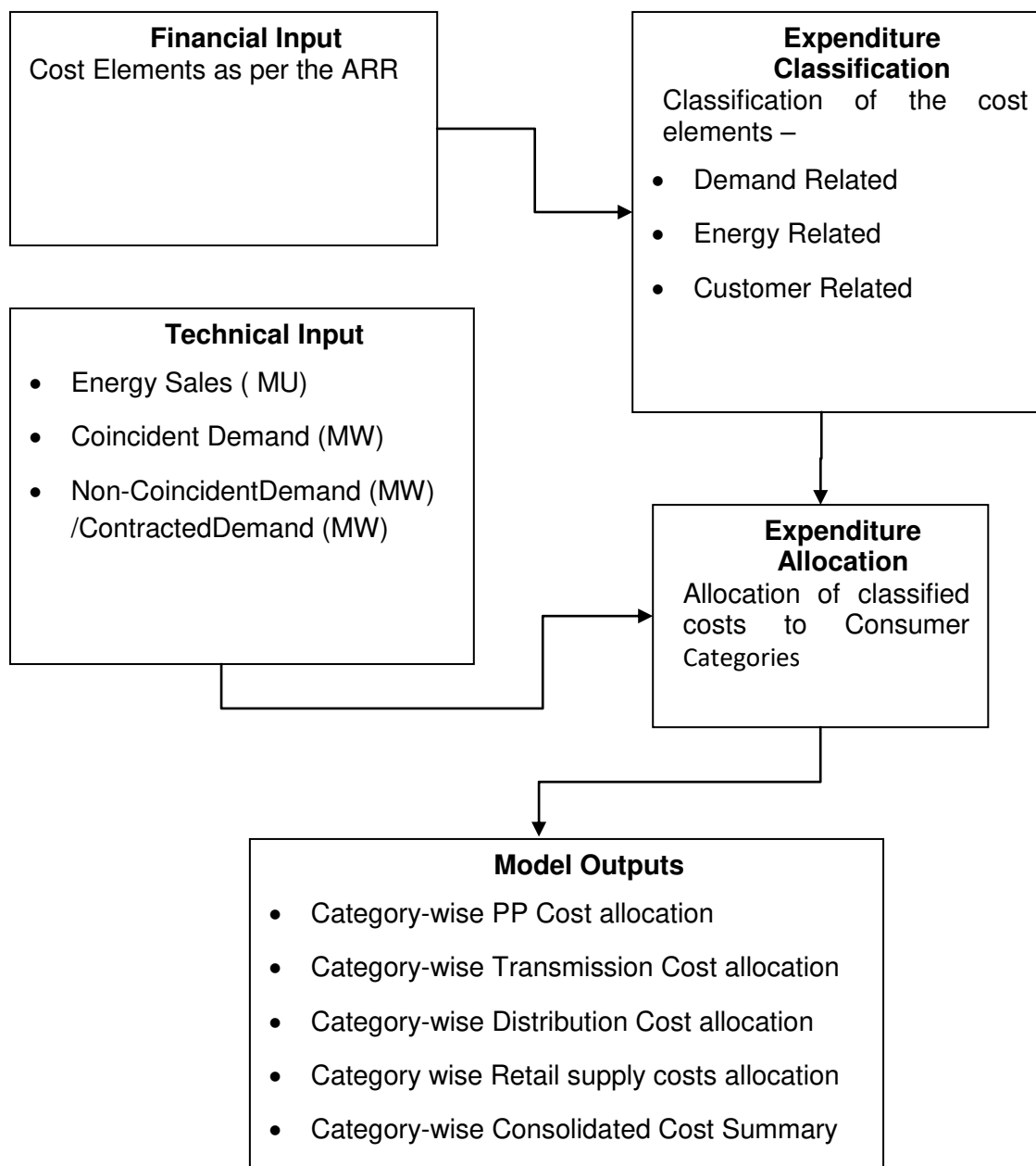
The steps involved in the analysis are:

- Forecasting the energy and peak demand requirements for the power system in the year under consideration;

- Forecasting the energy and peak demand requirements at the transmission-distribution interface in that year;
- Estimating the energy and peak demand requirements for each customer category for that year;
- Estimating the costs of providing the energy and peak demand required for each customer category; and
- Classifying and allocating the above costs to various consumer categories of TSSPDCL at the retail level.

6.2 Cost of Service Model

- 6.2.1 The cost of service calculations are based on the cost of service model developed for TSSPDCL. The model, as currently used, calculates the cost of serving all customers categories of TSSPDCL.
- 6.2.2 All financial input into the model is as per the ARR for the year 2022-23 projections, including revenue, and expenditure data.
- 6.2.3 The following section gives a brief overview of the Cost of Service model developed for TSSPDCL



6.2.4 Switch Selection Sheet: This forms the base for the income and expenses data for the TSSPDCL. The values are as per the ARR for the year 2022-23. This sheet also provides levers to switch the allocation of cost items based on their functionalization, classification and factors.

6.2.5 SPDCL Inp category and SPDCL Inp Losses: This part includes the system data required for the cost of service calculation. The energy and losses in the system are included along with the data regarding the customers responsible for the corresponding sales and losses. The percentage loss quoted is the loss in the

distribution system and hence accounts for the energy that is unavailable for sale to the retail customers.

6.2.6 TSSPDCL customers are segregated into LT and HT customers, which includes EHT (220 kV and 132 kV), Sub-transmission (33 kV) and distribution (11 kV and LV). The EHT customers are also included as TSSPDCL customers, even though they may be connected at 220 kV or 132 kV. In this study, technical losses experienced in EHT system are covered by EHT, 33 kV, 11 kV and L.T loads. Hence, they need to be apportioned to all loads in the system.

6.2.7 The major HT customer categories in the TSSPDCL system are;

- HT-I: Industry
- HT-II: Others
- HT-III: Airport, Bus Stations and Railway Stations
- HT-IV: Irrigation & CPWS
- HT-V: Railway Traction
- HT-VI: Townships & Residential Colonies
- HT-VII: RESCO
- HT-VIII: Temporary

6.2.8 The LT (400 volts) customer categories in the TSSPDCL system are;

- LT-I: Domestic
- LT-II: Non-Domestic/Commercial
- LT-III: Industry
- LT-IV: Cottage Industries
- LT-V: Agricultural
- LT-VI: Street Lighting and PWS Schemes
- LT-VII: General Purpose
- LT-VIII: Temporary Supply and EVs

6.2.9 Energy Sales in MU, Non-coincident demand and coincident demand data is entered for the above customer categories. The coincident demand is the estimated contribution of each category to the system peak demand and the non-coincident demand has been estimated from system load shapes derived and represents the peak demand of each customer category, irrespective of the time of day. Values used in this analysis are shown in below:

Customer Class	Class Load Factor (%)	Class Coincidence Factor (%)
Low Tension		
Domestic	69%	71%
Commercial	83%	89%
Industry	85%	95%
Cottage Industry	90%	97%
Agriculture	58%	100%
Street Lighting & PWS	62%	41%
Others (General & Temporary)	56%	65%

Customer Class	Class Load Factor (%)	Class Coincidence Factor (%)
Spare (EVs)	100%	100%
High Tension (11kV)		
Industry	62%	100%
Ferro Alloys	0%	0%
Others	72%	82%
Railway Stations, Bus Stations & Airports	59%	58%
Irrigation, Agriculture & CPWS	55%	83%
Townships & Residential Colonies	60%	57%
Temporary & EV Charging Stations	100%	100%
High Tension (33kV)		
Industry	66%	100%
Ferro Alloys	94%	97%
Others	71%	100%
Railway Stations, Bus Stations & Airports	0%	0%
Irrigation, Agriculture & CPWS	55%	82%
Townships & Residential Colonies	74%	66%
Temporary	100%	100%
High Tension (132kV)		
Industry	66%	100%
Ferro Alloys	96%	98%
Others	75%	96%
Railway Stations, Bus Stations & Airports	75%	67%
Irrigation, Agriculture & CPWS	55%	81%
Traction	88%	93%
HMR (HT VB)	75%	89%

6.2.10 The Discom peak demands, both coincident and non-coincident are estimated using basic load shape synthesis model. Load shapes of different categories of consumers are constructed based on the Load Shapes data collected from the field. The following tabulation provides a derivation of the coincident peak demand, along with the assumptions for TSSPDCL used in that derivation:

TSSPDCL	Energy (MU)	Coincident Demand (MW)
Sales	48,823	7,762
Loss as % of input	8.04%	12.91%
Losses	4,271	1,151
Sub Total	53,094	8,913

6.2.11 The load factor and coincidence factor included in the Model for each category are assumed based on a review of the characteristics of the loads and load mix in TSSPDCL. The system peak demand of TSSPDCL is occurring during 10:00 hrs.

6.2.12 Expenditure Functionalization: The new model is developed keeping in view the unbundled nature of the power sector in state hence the expenditure pertaining to TSSPDCL is taken as per the ARR in the financial input sheet.

- Power Purchase Cost

- Transmission & SLDC Charges
- Repairs and Maintenance
- Employee Costs
- Administration and General Expenses
- Depreciation
- Interest and Financial Charges
- Other Expenses

6.2.13 Expenditure Classification

This section classifies the expenditure into demand, energy and customer related items. The options with respect to classification are;

- Demand
- Energy
- 80% Demand, 20% Customer
- Customer

6.2.14 The fixed costs in the power purchase are treated as demand related expense and the variable cost of power purchase is treated as energy related expense.

6.2.15 Entire transmission cost is considered to be a demand related expense. The O & M expenditure in distribution is classified into demand and customer related in the ratio of 80:20. The same has been arrived at based on subjective judgment, as it is felt that some portion of the assets and employee expenses are used for catering to the needs of the customer such as customer service/call centers. The other cost elements in distribution viz, ROCE, depreciation and other costs have been fully considered under demand related costs.

6.2.16 Expenditure Allocation: The expenditures, which have been classified into, demand, energy and consumer related are apportioned to the individual customer categories.

6.2.17 Power Purchase Cost Allocation: Demand related costs of Power Purchase are primarily driven by the system peak. Hence, they are allocated to customer categories based on the Coincident Demand. Energy costs in Power Purchase are allocated based on the loss-adjusted category energy Consumption.

6.2.18 Transmission Cost Allocation: The transmission costs (including PGCIL and ULDC) are considered as demand related cost and the same is allocated to LT categories based on Non-coincident demand and contracted demand (CMD) for HT categories

6.2.19 Distribution Cost Allocation:

- a) Distribution cost parameters are allocated to each of the voltage levels based on the asset base the voltages. The asset base is an input from the distribution ARR.
- b) Operation and Maintenance Expenditure: The demand related portion of O&M expenses are allocated to consumer categories based on voltage wise Non-

coincident peak. The customer related costs are allocated to customer categories based on the number of customers in each category.

- c) ROCE: Return on capital employed is driven by assets and it is fully considered as demand related expense. ROCE is allocated to consumer categories based on voltage wise non-coincident demand.
- d) Depreciation: Depreciation expense is driven by the level of fixed assets in the utility and is entirely considered under demand related expenses. Depreciation is allocated to consumer categories based on voltage wise non-coincident demand.
- e) Interest on Consumer Security Deposit: This is allocated to consumer categories based on the energy sales.
- f) Supply margin is allocated based on number of consumers of each of the consumer categories.
- g) Other costs are allocated based on energy sales of each of the consumer categories.

6.2.20 Summaries of the results of the model are the outputs and these are discussed in the next section and a comparison of revenues and costs by customers is made in this part of the computation.

6.1 CoS Results

6.3.1 The following tabulation summarizes the results of the process:

- TSSPDCL handled 53,094 MU excluding transmission losses, which consist of sale of 48,823 MU to its customers and losses of 4,271 MU.
- Coincident Peak demand required by TSSPDCL is 8,913 MW, which consist of 7,762 MW to serve the customers and 1151 MW of losses in the system.
- The average unit cost of supplying the customers of TSSPDCL is estimated at Rs 7.14/kWh.

6.3.2 Below Table shows the allocated expenditure for each category of service and Cost of Service for each category.

Category Name	Total Costs (Rs. Crs)	Total Sales (MU)	Cost of Supply (INR / kWh)
LT			
Domestic	7,727	9,884	7.82
Commercial	1,899	2,639	7.20
Industry	656	930	7.05
Cottage Industry	7	10	7.17
Agriculture	10,282	11,182	9.20
Street Lighting & PWS	359	473	7.58

Others (General & Temporary)	105	128	8.23
EVs	2	2	8.94
Total LT	21,036	25,246	8.33
HT (11 kV)			
Industry	2,988	4,409	6.78
Ferro Alloys	-	-	-
Others	1,061	1,741	6.09
Railway Stations, Bus Stations & Airports	3	6	5.60
Irrigation, Agriculture & CPWS	141	212	6.67
Townships & Residential Colonies	94	159	5.93
Temporary & EV Charging Stations	88	139	6.35
Total HT 11 kV	4,376	6,665	6.56
HT (33kV)			
Industry	3,328	5,721	5.82
Ferro Alloys	17	36	4.83
Others	585	1,006	5.82
Railway Stations, Bus Stations & Airports	-	-	-
Irrigation, Agriculture & CPWS	151	252	5.98
Townships & Residential Colonies	63	114	5.55
Temporary	15	27	5.46
Total HT 33 kV	4,160	7,156	5.81
EHT(132 kV)			
Industry	1,869	3,535	5.29
Ferro Alloys	75	164	4.57
Others	24	46	5.23
Railway Stations, Bus Stations & Airports	35	80	4.38
Irrigation, Agriculture & CPWS	3,049	5,483	5.56
Traction	174	303	5.73
HMR (HT VB)	74	145	5.09
Total 132 kV	5,299	9,755	5.43
Total HT	13,834	23,577	5.87
Total LT	21,036	25,246	8.33
Total	34,870.19	48,823	7.14

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7 ANNEXURE - I

Action Plan & Progress for rectification of Poor Distribution Infrastructure for FY2020-21

Loose Spans Identified (Nos.)

a) Loose Spans Identified (Nos.)	Required	No. of Intermediate poles													
		Action Plan & Progress													
		April' 20	May' 20	June' 20	July' 20	Aug' 20	Sep' 20	Oct' 20	Nov' 20	Dec' 20	Jan' 21	Feb' 21	Mar' 21		
104214	57395	Action Plan	4034	4616	4848	5105	4883	5556	4930	4676	4463	4528	5148	4608	
53800	29172	Progress	1562	2095	2749	3157	3116	3689	1962	2352	2367	2158	2046	1919	

Re stringing required													
No. of Spans	Action Plan & Progress												
	April' 20	May' 20	June' 20	July' 20	Aug' 20	Sep' 20	Oct' 20	Nov' 20	Dec' 20	Jan' 21	Feb' 21	Mar' 21	
46819	3456	3537	3728	4542	4617	5223	4454	3756	3505	3388	3264	3349	
24628	1335	1617	1780	2903	2852	3453	1595	2030	1859	1698	1726	1780	

Bent Poles Identified

b) Bent Poles Identified (Nos.)	Required	No. of Stud poles													
		Action Plan & Progress													
		April' 20	May' 20	June' 20	July' 20	Aug' 20	Sep' 20	Oct' 20	Nov' 20	Dec' 20	Jan' 21	Feb' 21	Mar' 21		
54994	25071	Action Plan	2221	2212	2248	2164	1966	2311	2047	2007	1950	1991	1945	2009	
25929	11985	Progress	1101	1258	1165	1268	1127	1374	709	827	697	827	778	854	

Straightening of bent poles													
Nos.	Action Plan & Progress												
	April' 20	May' 20	June' 20	July' 20	Aug' 20	Sep' 20	Oct' 20	Nov' 20	Dec' 20	Jan' 21	Feb' 21	Mar' 21	
29923	2196	2358	2471	2653	2582	2750	2520	2652	2575	2463	2391	2312	
13944	881	1081	1233	1443	1427	1596	829	1273	1066	1002	1041	1072	

Lack of HG/LT fuses to DTRs

c) Lack of HG/LT fuses to DTRs	Required	No. of HG Fuses													
		Action Plan & Progress													
		April' 20	May' 20	June' 20	July' 20	Aug' 20	Sep' 20	Oct' 20	Nov' 20	Dec' 20	Jan' 21	Feb' 21	Mar' 21		
75350	24032	Action Plan	2023	2021	2249	2191	2287	2301	2100	1765	1772	1762	1705	1856	
47472	16306	Progress	1538	1578	1762	1657	1795	1762	1023	934	1024	1019	1162	1052	

No. of LT Fuses Required													
Identified	Action Plan & Progress												
	April' 20	May' 20	June' 20	July' 20	Aug' 20	Sep' 20	Oct' 20	Nov' 20	Dec' 20	Jan' 21	Feb' 21	Mar' 21	
51318	4173	4439	4558	4336	4944	4433	4528	3934	4031	3836	3879	4227	
31166	3347	3750	3869	3563	4187	3677	1348	1532	1507	1508	1431	1447	

Lack of Safety

d)Lack of Safety	Fencing Required													
	Required	Action Plan & Progress												
		April' 20	May'20	June'20	July'20	Aug'20	Sep'20	Oct' 20	Nov'20	Dec'20	Jan'21	Feb'21	Mar' 21	
19315	9803	Action Plan	670	720	738	767	782	820	932	891	880	878	850	875
8285	3759	Progress	251	307	326	321	369	297	296	313	301	297	347	334

Raising of Plinth Required													
Identified	Action Plan & Progress												
	April' 20	May' 20	June' 20	July' 20	Aug' 20	Sep' 20	Oct' 20	Nov' 20	Dec' 20	Jan' 21	Feb' 21	Mar' 21	
9512	698	724	745	828	854	860	895	802	823	811	719	753	
4526	243	251	279	356	406	365	451	432	444	407	397	495	

8 ANNEXURE- II

RETAIL SUPPLY FORMATS

Company Name	TSSPDCL
Filing Date (dd/mm/yy)	
Multi Year Tariff Period	FY2019-24
Year	FY2022-23
Commission' s Regulations	Reg-4/2005
Business type	Distribution MYT

S. No.	Title	Form No.
1	Aggregate Revenue Requirement for Retail Supply Business	Form 1
2	Transmission Cost	Form 1.1
3	SLDC Charges	Form 1.2
4	Distribution Cost	Form 1.3
5	Power Purchase and Procurement Cost (For Regulated Business)	Form 1.4
6	NCE Generation (Base Year)	Form 1.4 (i)
7	NCE Generation (Year 1)	Form 1.4(ii)
8	NCE Generation (Year 2)	Form 1.4(iii)
9	NCE Generation (Year 3)	Form 1.4(iv)
10	NCE Generation (Year 4)	Form 1.4(v)
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35	Incentives at Proposed Tariffs	Form 10a
36	Non-tariff Income at proposed charges	Form 11
37	Total Revenue at Proposed Tariff and Charges	Form 12
38	Cost and Revenue	Form 13

Notes:

1)	Base Year	Base Year for the Fourth control period FY19-24 is FY2018-19															
	2019-20	Year 1 is the First Year of the control Period, FY2019-20															
	2020-21	Year 2 is the Second Year of the control Period, FY2020-21															
	2021-22	Year 3 is the Third Year of the control Period, FY2021-22															
	2022-23	Year 4 is the Fourth Year of the control Period, FY2022-23															
	2023-24	Year 5 is the Five Year of the control Period, FY2023-24															
2)	Filings 2021-22, Licensees shall provide	Full Projections for FY2021-22 Estimates for FY2020-21 based on actuals for first half of the year Actuals for FY2018-19, FY2019-20															
3)	Regulated Business:	The retail supply of electricity to (i) consumers within the area of supply of the licensee and not eligible to avail Open Access as per Commission's Regulations (ii) consumers within the area of supply of the licensee and eligible to avail Open Access but not exercising their option of availing open access.															
	Non-regulated Business:	The retail supply of electricity to consumers availing supply under open access from the licensee either forming the part of area of supply of the licensee or outside the area of supply of the licensee.															
4)	Direct Non-Tariff Income:	Non-Tariff income which is directly identifiable with a consumer category.															
	Apportioned Non-Tariff Income:	Non-Tariff income which is not directly identifiable with a consumer category. It shall be appropriately apportioned across various consumer categories.															
5)	New Categories	The Licensees shall add the proposed categories in Form A, the new categories would be then updated automatically in other forms The new categories are segregated voltage-wise in Form A															
6)	Modification/addition of Slabs/sub categories for LT consumers should be carried out in Form 7 for Current Tariff and Form 12 for Proposed Tariff. See notes in the relevant form for details																
7)	Phasing of Open Access as per Regulation 2 of 2005 of APERC																
	Eligibility Criteria for Open Access																
		<table border="1"> <thead> <tr> <th>Phase</th> <th>Eligibility criteria</th> <th>Commencement date</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Consumers availing of power from NCE developers irrespective of the quantum of contracted capacity</td> <td>September, 2005</td> </tr> <tr> <td>2</td> <td>Contracted capacity being greater than 5 MW</td> <td>September, 2005</td> </tr> <tr> <td>3</td> <td>Contracted capacity being greater than 2 MW</td> <td>September, 2006</td> </tr> <tr> <td>4</td> <td>Contracted capacity being greater than 1 MW</td> <td>April, 2008</td> </tr> </tbody> </table>	Phase	Eligibility criteria	Commencement date	1	Consumers availing of power from NCE developers irrespective of the quantum of contracted capacity	September, 2005	2	Contracted capacity being greater than 5 MW	September, 2005	3	Contracted capacity being greater than 2 MW	September, 2006	4	Contracted capacity being greater than 1 MW	April, 2008
Phase	Eligibility criteria	Commencement date															
1	Consumers availing of power from NCE developers irrespective of the quantum of contracted capacity	September, 2005															
2	Contracted capacity being greater than 5 MW	September, 2005															
3	Contracted capacity being greater than 2 MW	September, 2006															
4	Contracted capacity being greater than 1 MW	April, 2008															
8)	Terminology for Open Access Status																
		<table border="1"> <tbody> <tr> <td>1</td> <td>Load not eligible for Open Access</td> <td>Load within the area of supply of the licensees not satisfying the eligibility criteria to avail open access as per Commission's Regulation during the time period under consideration.</td> </tr> <tr> <td>2</td> <td>Load Eligible for Open Access</td> <td>Load within the area of supply of the licensees and satisfying the eligibility criteria to avail open access as per Commission's Regulation during the period under consideration whether availing power through Open Access or not.</td> </tr> <tr> <td>3</td> <td>Availed (within area of supply)</td> <td>Load within the area of supply of the Licensee and availing power through Open Access whether from the same Licensee or any other supplier.</td> </tr> <tr> <td>4</td> <td>Availed (Outside Area of supply)</td> <td>Load outside the area of supply of the Licensee but availing power through Open Access from the Licensee under consideration.</td> </tr> </tbody> </table>	1	Load not eligible for Open Access	Load within the area of supply of the licensees not satisfying the eligibility criteria to avail open access as per Commission's Regulation during the time period under consideration.	2	Load Eligible for Open Access	Load within the area of supply of the licensees and satisfying the eligibility criteria to avail open access as per Commission's Regulation during the period under consideration whether availing power through Open Access or not.	3	Availed (within area of supply)	Load within the area of supply of the Licensee and availing power through Open Access whether from the same Licensee or any other supplier.	4	Availed (Outside Area of supply)	Load outside the area of supply of the Licensee but availing power through Open Access from the Licensee under consideration.			
1	Load not eligible for Open Access	Load within the area of supply of the licensees not satisfying the eligibility criteria to avail open access as per Commission's Regulation during the time period under consideration.															
2	Load Eligible for Open Access	Load within the area of supply of the licensees and satisfying the eligibility criteria to avail open access as per Commission's Regulation during the period under consideration whether availing power through Open Access or not.															
3	Availed (within area of supply)	Load within the area of supply of the Licensee and availing power through Open Access whether from the same Licensee or any other supplier.															
4	Availed (Outside Area of supply)	Load outside the area of supply of the Licensee but availing power through Open Access from the Licensee under consideration.															

Form 1 Aggregate Revenue Requirement for Retail Supply Business

		Amount(In Rs crores)						Remarks					
Revenue Requirement Item (Rs. Crs.)		Details link	For Control Period										
			Base Year	2019-20	2020-21	2021-22	2022-23	2023-24	Base Year	2019-20	2020-21	2021-22	2022-23
1	Transmission Cost	Form 1.1	959.53	961.53	1,629.07	2,008.87	2,383.64	0.00					
2	SLDC Cost	Form 1.2	23.50	23.84	34.76	35.94	31.67	0.00					
3	Distribution Cost	Form 1.3	3,386.96	3,739.36	3,767.93	4,224.89	4,670.72	0.00					
4	PGCIL Expenses		1,112.57	1,625.84	1,066.30	1,080.64	1,160.55		Includes PGCIL POC, Non POC, SRLDC charges	Includes PGCIL POC, Non POC, SRLDC charges	Includes PGCIL POC, Non POC, SRLDC charges	Includes PGCIL POC, Non POC, SRLDC charges	Includes PGCIL POC, Non POC, SRLDC charges
5	ULDC Charges												
6	Network and SLDC Cost (1+2+3+4+5)		5,482.56	6,350.57	6,498.06	7,350.35	8,246.58	0.00					
7	Power Purchase / Procurement Cost	Form 1.4	21,934.46	21,037.88	20,755.30	23,002.01	26,411.20	0.00					
8	Interest on Consumer Security Deposits	Form 1.5	192.94	169.35	148.06	158.56	174.75	0.00					
9	Supply Margin in Retail Supply Business	Form 1.6	23.87	26.63	28.31	33.28	37.65	0.00					
10	Other Costs, if any	Form 1.7	0.00	0.00	0.00	0.00	0.00	0.00					
11	Supply Cost (7+8+9+10)		22,151.28	21,233.86	20,931.67	23,193.85	26,623.60	0.00					
12	Aggregate Revenue Requirement (6+11)		27,633.84	27,584.43	27,429.73	30,544.20	34,870.18	0.00					

Note:	
1	The Revenue Requirement Items are cost borne for supply of power to consumers within the area of supply of the Licensees and not availing supply under Open Access.
2	Transmission Cost refers to the transmission cost borne by the licensee to serve the consumers within the area of the supply and not availing supply under Open Access
3	SLDC cost refers to the SLDC Charges paid to serve the consumers within the area of the supply and not availing supply under Open Access
4	Distribution Cost refers to the distribution cost borne by the licensee to serve the consumers within the area of the supply and not availing supply under Open Access
5	PGCIL and ULDC Expenses to be submitted in this form.

Form 1.1

Transmission Cost

Transmission Cost to be segregated between Load not eligible for Open Access, Load eligible for Open Access, Load within the area of supply and availing power under Open Access as per Section 42 and 49 of E ACT.(Refer to Notes for the relevant definitions.)

- 1) Loads Eligible for Open Access is as per Section 8.1 of Regulation 2 of 2005 of erstwhile APERC See Notes Sheet for Phasing of Open Access
- 2) Provide PGCIL and ULDC charges directly in Form 1.

Base Year

(A) Long Term and Firm Contracts

Name of Transmission service provider	Load not eligible for Open Access			Open Access								
	Load Eligible for Open Access			Availed (within area of supply)			Availed (Outside Area of supply)					
	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)
TSTRANSCO	7314.60	73.12	641.81	3620.73	73.12	317.72						
Total	7314.60		641.81	3620.73		317.72	0.00		0.00	0.00		0.00

(B) Short Term and Temporary Contracts

Name of Transmission service provider	Load not eligible for Open Access			Open Access								
	Load Eligible for Open Access			Availed (within area of supply)			Availed (Outside Area of supply)					
	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)
TSTRANSCO												
Total	0.00		0.00	0.00		0.00	0.00		0.00	0.00		0.00
Total Long term + Short term Contracts ((A) + (B))	7314.60		641.81	3620.73		317.72	0.00		0.00	0.00		0.00

(A) Long Term and Firm Contracts

Name of Transmission service provider	Load not eligible for Open Access			Open Access								
				Load Eligible for Open Access			Availed (within area of supply)			Availed (Outside Area of supply)		
	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)
TSTRANSCO	7133.05	73.12	573.76	3802.28	73.12	305.84						
	7133.05	73.12	45.43	3802.28	73.12	24.22						
	6506.71	92.31	7.75	3802.28	92.31	4.53						
Total	20772.81		626.94	11406.84		334.59	0.00		0.00	0.00		0.00

(B) Short Term and Temporary Contracts

Name of Transmission service provider	Load not eligible for Open Access			Open Access								
				Load Eligible for Open Access			Availed (within area of supply)			Availed (Outside Area of supply)		
	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)
TSTRANSCO												
Total	0.00		0.00	0.00		0.00	0.00		0.00	0.00		0.00
Total Long term + Short term Contracts ((A) + (B))	20772.81		626.94	11406.84		334.59	0.00		0.00	0.00		0.00

(A) Long Term and Firm Contracts

Name of Transmission service provider	Load not eligible for Open Access			Open Access								
				Load Eligible for Open Access			Availed (within area of supply)			Availed (Outside Area of supply)		
	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)
TSTRANSCO	8598.32	105.19	1085.35	4307.44	105.19	543.72						
Total	8598.32		1085.35	4307.44		543.72	0.00		0.00	0.00		0.00

(B) Short Term and Temporary Contracts

Name of Transmission service provider	Load not eligible for Open Access			Open Access								
				Load Eligible for Open Access			Availed (within area of supply)			Availed (Outside Area of supply)		
	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)
TSTRANSCO												
Total	0.00		0.00	0.00		0.00	0.00		0.00	0.00		0.00
Total Long term + Short term Contracts ((A) + (B))	8598.32		1085.35	4307.44		543.72	0.00		0.00	0.00		0.00

(A) Long Term and Firm Contracts

Name of Transmission service provider	Load not eligible for Open Access			Open Access								
				Load Eligible for Open Access			Availed (within area of supply)			Availed (Outside Area of supply)		
	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)
TSTRANSCO	10466.99	111.68	1402.74	4522.81	111.68	606.13						
Total	10466.99	111.68	1402.74	4522.81	111.68	606.13	0.00		0.00	0.00		0.00

(B) Short Term and Temporary Contracts

Name of Transmission service provider	Load not eligible for Open Access			Open Access								
				Load Eligible for Open Access			Availed (within area of supply)			Availed (Outside Area of supply)		
	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)
TSTRANSCO												
Total	0.00		0.00	0.00		0.00	0.00		0.00	0.00		0.00

Total Long term + Short term Contracts (A) + (B)	10466.99	111.68	1402.74	4522.81	111.68	606.13	0.00		0.00	0.00		0.00
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2022-23

Year 4

(A) Long Term and Firm Contracts

Name of Transmission service provider	Load not eligible for Open Access			Open Access								
				Load Eligible for Open Access			Availed (within area of supply)			Availed (Outside Area of supply)		
	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)
TSTRANSCO	10595.73	129.45	1645.94	4748.95	129.45	737.70						
Total	10595.73		1645.94	4748.95		737.70	0.00		0.00	0.00		0.00

(B) Short Term and Temporary Contracts

Name of Transmission service provider	Load not eligible for Open Access			Open Access								
				Load Eligible for Open Access			Availed (within area of supply)			Availed (Outside Area of supply)		
	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)
TSTRANSCO												
Total	0.00		0.00	0.00		0.00	0.00		0.00	0.00		0.00
Total Long term + Short term Contracts ((A) + (B))	10595.73		1645.94	4748.95		737.70	0.00		0.00	0.00		0.00

(A) Long Term and Firm Contracts

Name of Transmission service provider	Load not eligible for Open Access			Open Access								
				Load Eligible for Open Access			Availed (within area of supply)			Availed (Outside Area of supply)		
	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)
TSTRANSCO												
Total	0.00		0.00	0.00		0.00	0.00		0.00	0.00		0.00

(B) Short Term and Temporary Contracts

Name of Transmission service provider	Load not eligible for Open Access			Open Access								
				Load Eligible for Open Access			Availed (within area of supply)			Availed (Outside Area of supply)		
	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)
TSTRANSCO												
Total	0.00		0.00	0.00		0.00	0.00		0.00	0.00		0.00
Total Long term + Short term Contracts ((A) + (B))	0.00		0.00	0.00		0.00	0.00		0.00	0.00		0.00

Form 1.2

SLDC Charges

SLDC Charges to be segregated between Load not eligible for Open Access, Load eligible for Open Access, Load within the area of supply and availing power under Open Access as per Section 42 and 49 of E ACT.(Refer to Notes for the relevant definitions.)

Loads Eligible for Open Access is as per Section 8.1 of Regulation 2 of 2005 of erstwhile APERC
See Notes Sheet for Phasing of Open Access

Base Year

	Annual Fee			Charges			Total Cost (Rs. Crs.)	Remarks
	MW	Tariff (Rs./MW/year)	Cost (Rs. Crs.)	MW	Tariff (Rs./MW/ month)	Cost (Rs. Crs.)		
Load not eligible for Open Access	7314.60	3578.01	2.62	7314.60	1492.87	13.10	15.72	
Open Access								
Load Eligible for Open Access	3620.73	3578.01	1.30	3620.73	1492.87	6.49	7.78	
Availed (within area of supply)			0.00			0.00	0.00	
Availed (Outside Area of supply)			0.00			0.00	0.00	

2019-20

	Annual Fee			Charges			Total Cost (Rs. Crs.)	Remarks
	MW	Tariff (Rs./MW/year)	Cost (Rs. Crs.)	MW	Tariff (Rs./MW/ month)	Cost (Rs. Crs.)		
Load not eligible for Open Access	7163.22	3531.418	2.53	7163.22	1517.63	13.05	15.57	Considered Tariff & Capacity as approved in New MYT Order for 22 days & Old MYT Order for remaining 344 days
Open Access								
Load Eligible for Open Access	3802.28	3531.418	1.34	3802.28	1517.63	6.92	8.27	Old MYT tariff - Rs.3578.01/MW/year & Rs.1492.87/MW/month Capacity -10935.33MW
Availed (within area of supply)			0.00			0.00	0.00	New MYT tariff - Rs.1839.76/MW/year & Rs.1904.84/MW/month Capacity - 11127.33MW
Availed (Outside Area of supply)			0.00			0.00	0.00	

2020-21

	Annual Fee			Charges			Total Cost (Rs. Crs.)	Remarks
	MW	Tariff (Rs./MW/year)	Cost (Rs. Crs.)	MW	Tariff (Rs./MW/ month)	Cost (Rs. Crs.)		
Load not eligible for Open Access	9427.46	2513.70	2.37	9427.46	1899.31	21.49	23.86	
Open Access								
Load Eligible for Open Access	4307.44	2513.70	1.08	4307.44	1899.31	9.82	10.90	
Availed (within area of supply)			0.00			0.00	0.00	
Availed (Outside Area of supply)			0.00			0.00	0.00	

2021-22

	Annual Fee			Charges			Total Cost (Rs. Crs.)	Remarks
	MW	Tariff (Rs./MW/year)	Cost (Rs. Crs.)	MW	Tariff (Rs./MW/ month)	Cost (Rs. Crs.)		
Load not eligible for Open Access	11290.73	2706.21	3.06	11290.73	1668.69	22.61	25.66	
Open Access								
Load Eligible for Open Access	4522.81	2706.21	1.22	4522.81	1668.69	9.06	10.28	
Availed (within area of supply)			0.00			0.00	0.00	
Availed (Outside Area of supply)			0.00			0.00	0.00	

2022-23

	Annual Fee			Charges			Total Cost (Rs. Crs.)	Remarks
	MW	Tariff (Rs./MW/year)	Cost (Rs. Crs.)	MW	Tariff (Rs./MW/ month)	Cost (Rs. Crs.)		
Load not eligible for Open Access	11417.95	2824.46	3.22	11417.95	1396.97	19.14	22.37	
Open Access								
Load Eligible for Open Access	4748.95	2824.46	1.34	4748.95	1396.97	7.96	9.30	
Availed (within area of supply)			0.00			0.00	0.00	
Availed (Outside Area of supply)			0.00			0.00	0.00	

2023-24

	Annual Fee			Charges			Total Cost (Rs. Crs.)	Remarks
	MW	Tariff (Rs./MW/year)	Cost (Rs. Crs.)	MW	Tariff (Rs./MW/ month)	Cost (Rs. Crs.)		
Load not eligible for Open Access	0.00		0.00	0.00		0.00	0.00	
Open Access								
Load Eligible for Open Access	0.00		0.00	0.00		0.00	0.00	
Availed (within area of supply)			0.00			0.00	0.00	
Availed (Outside Area of supply)			0.00			0.00	0.00	

Form 1.3

Distribution Cost

Distribution Cost to be segregated between Load not eligible for Open Access, Load eligible for Open Access, Load within the area of supply and availing power under Open Access as per Section 42 and 49 of E ACT.(Refer to Notes for the relevant definitions.)

Loads Eligible for Open Access is as per Section 8.1 of Regulation 2 of 2005 of erstwhile APERC
See Notes Sheet for Phasing of Open Access.

Base Year

(A) Long Term and Firm Contracts

Name of Distribution service provider	Load not eligible for Open Access			Open Access									Remarks
				Load Eligible for Open Access			Availed (within area of supply)			Availed (Outside Area of supply)			
	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	
TS SPDCL (33 KV)				1570.11	19.95	39.57			0.00				
TS SPDCL (11 KV)				269.01	231.52	78.67			0.00				
TSSPDCL LT					485.45	0.00			0.00				
Total (Non Eligible OA Cost)			3268.72										
Total	0.00		3268.72	1839.12		118.24	0.00		0.00	0.00		0.00	

(B) Short Term and Temporary Contracts

Name of Distribution service provider	Load not eligible for Open Access			Open Access									Remarks
				Load Eligible for Open Access			Availed (within area of supply)			Availed (Outside Area of supply)			
	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	
Total	0.00		0.00	0.00		0.00	0.00		0.00	0.00		0.00	
Total Long term + Short term Contracts ((A) + (B))	0.00		3268.72	1839.12		118.24	0.00		0.00	0.00		0.00	

2019-20

(A) Long Term and Firm Contracts

Name of Distribution service provider	Load not eligible for Open Access			Open Access									Remarks
	Load Eligible for Open Access			Availed (within area of supply)			Availed (Outside Area of supply)						
	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	
SPDCL (33 KV)				1630.92	31.03	63.93							
SPDCL (11 KV)				364.81	283.72	130.74							
SPDCL LT					708.44	0.00							
Total (Non Eligible OA Cost)			3544.70										
Total	0.00		3544.70	1995.73		194.67	0.00		0.00	0.00		0.00	

(B) Short Term and Temporary Contracts

Name of Distribution service provider	Load not eligible for Open Access			Open Access									Remarks
	Load Eligible for Open Access			Availed (within area of supply)			Availed (Outside Area of supply)						
	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	
Total	0.00		0.00	0.00		0.00	0.00		0.00	0.00		0.00	
Total Long term + Short term Contracts ((A) + (B))	0.00		3544.70	1995.73		194.67	0.00		0.00	0.00		0.00	

2020-21

(A) Long Term and Firm Contracts

Name of Distribution service provider	Load not eligible for Open Access			Open Access									Remarks
	Load Eligible for Open Access			Availed (within area of supply)			Availed (Outside Area of supply)						
	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	
SPDCL (33 KV)				1636.40	32.27	66.70							
SPDCL (11 KV)				366.54	291.78	135.09							
SPDCL LT					733.06	0.00							
Total (Non Eligible OA Cost)			3566.13										
Total	0.00		3566.13	2002.94		201.80	0.00		0.00	0.00		0.00	

(B) Short Term and Temporary Contracts

Name of Distribution service provider	Load not eligible for Open Access			Open Access									Remarks
	Load Eligible for Open Access			Availed (within area of supply)			Availed (Outside Area of supply)						
	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	
Total	0.00		0.00	0.00		0.00	0.00		0.00	0.00		0.00	
Total Long term + Short term Contracts ((A) + (B))	0.00		3566.13	2002.94		201.80	0.00		0.00	0.00		0.00	

2021-22

(A) Long Term and Firm Contracts

Name of Distribution service provider	Load not eligible for Open Access			Open Access									Remarks
	Load Eligible for Open Access			Availed (within area of supply)			Availed (Outside Area of supply)						
	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	
SPDCL (33 KV)				1718.22	33.90	73.58							
SPDCL (11 KV)				384.86	304.11	147.84							
SPDCL LT					764.19	0.00							
Total (Non Eligible OA Cost)			4003.47										
Total	0.00		4003.47	2103.09		221.42	0.00		0.00	0.00		0.00	

(B) Short Term and Temporary Contracts

Name of Distribution service provider	Load not eligible for Open Access			Open Access									Remarks
	Load Eligible for Open Access			Availed (within area of supply)			Availed (Outside Area of supply)						
	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	
Total	0.00		0.00	0.00		0.00	0.00		0.00	0.00		0.00	
Total Long term + Short term Contracts ((A) + (B))	0.00		4003.47	2103.09		221.42	0.00		0.00	0.00		0.00	

2023-24

(A) Long Term and Firm Contracts

Name of Distribution service provider	Load not eligible for Open Access			Open Access									Remarks
				Load Eligible for Open Access			Availed (within area of supply)			Availed (Outside Area of supply)			
	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	
SPDCL (33 KV)						0.00							
SPDCL (11 KV)						0.00							
SPDCL LT													
Total (Non Eligible OA Cost)													
Total	0.00		0.00	0.00		0.00	0.00		0.00	0.00		0.00	

(B) Short Term and Temporary Contracts

Name of Distribution service provider	Load not eligible for Open Access			Open Access									Remarks
				Load Eligible for Open Access			Availed (within area of supply)			Availed (Outside Area of supply)			
	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	
Total	0.00		0.00	0.00		0.00	0.00		0.00	0.00		0.00	
Total Long term + Short term Contracts ((A) + (B))	0.00		0.00	0.00		0.00	0.00		0.00	0.00		0.00	

Form 1.4

Power Purchase and Procurement Cost (For Regulated Business)

*Refer to Notes for the definition

Base Year							Cost (Rs. Crs.)						Unit Cost (Rs. / kWh)					
Generating Station	Plant Type Must Run = 1 Others = 2	Plant Capacity (MW)	DISCOM's share (%)	DISCOM's share (MW)	Availability and Dispatch (MU)		Fixed	Variable	Incentive	Income Tax	Others	Total	Fixed	Incentives	Income Tax	Others	Variable	Total
					Net Availability	Dispatch												
TSGENCO																		
Thermal																		
KTPS A	2	180.00	70.55	126.99	749.31	749.31	94.35	239.76				334.11	1.26	0.00	0.00	0.00	3.20	4.46
KTPS B	2	120.00	70.55	84.66	749.31	749.31	94.35	239.76				334.11	1.26	0.00	0.00	0.00	3.20	4.46
KTPS C	2	120.00	70.55	84.66	749.31	749.31	94.35	239.76				334.11	1.26	0.00	0.00	0.00	3.20	4.46
KTPS D	2	500.00	70.55	352.75	2406.59	2406.59	194.69	679.08				873.77	0.81	0.00	0.00	0.00	2.82	3.63
KTPS Stage VI	2	500.00	70.55	352.75	2508.59	2508.59	348.69	784.69				1133.38	1.39	0.00	0.00	0.00	3.13	4.52
RTS B	2	62.50	70.55	44.09	260.72	260.72	37.64	76.72				114.36	1.44	0.00	0.00	0.00	2.94	4.39
NTS				0.00	0.00	0.00	0.00	0.00				0.00	0.00	0.00	0.00	0.00	0.00	0.00
Kakatiya Thermal Power Plant Stage I	2	500.00	70.55	352.75	2596.72	2596.72	360.31	868.59				1228.90	1.39	0.00	0.00	0.00	3.34	4.73
Kakatiya Thermal Power Plant Stage II	2	600.00	70.55	423.30	2568.42	2568.42	437.57	751.06				1188.63	1.70	0.00	0.00	0.00	2.92	4.63
BTPS (Manuguru New Project)	2	1,080.00	70.55	761.94	0.00	0.00	0.00	0.00				0.00	0.00	0.00	0.00	0.00	0.00	0.00
KTPS VII	2	800.00	70.55	564.40	1323.65	1323.65	228.38	323.32				551.69	1.73	0.00	0.00	0.00	2.44	4.17
TOTAL THERMAL		4462.50		3148.29	13912.62	13912.62	1890.32	4202.74	0.00	0.00	0.00	6093.06	1.36	0.00	0.00	0.00	3.02	4.38
MACHKUND PH TS Share	1	84.00	38.02	31.94	0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
TUNGBHADRA PH TS Share	1	57.60	38.02	21.90	0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
USL	1	240.00	0.00	0.00	0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
LSR	1	460.00	0.00	0.00	0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
DONKARAYI	1	25.00	0.00	0.00	0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
SSLM	1	770.00	0.00	0.00	0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
NSPH	1	815.60	70.55	575.41	268.95	268.95	194.56	0.00				194.56	7.23	0.00	0.00	0.00	0.00	7.23
NSRCPH	1	90.00	0.00	0.00	0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
NSLCPH	1	60.00	70.55	42.33	0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
POCHAMPAD PH	1	27.00	70.55	19.05	17.29	17.29	4.88	0.00				4.88	2.82	0.00	0.00	0.00	0.00	2.82
NIZAMSAGAR PH	1	10.00	70.55	7.06	3.90	3.90	-0.16	0.00				-0.16	-0.40	0.00	0.00	0.00	0.00	-0.40
PABM	1	20.00	0.00	0.00	0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
MINI HYDRO&OTHERS	1	1.00	0.00	0.00	0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
SINGUR	1	15.00	70.55	10.58	4.47	4.47	23.10	0.00				23.10	51.69	0.00	0.00	0.00	0.00	51.69
SSLM LCPH	1	900.00	70.55	634.95	689.42	689.42	283.00	0.00				283.00	4.10	0.00	0.00	0.00	0.00	4.10
Nagarjunasagar Tail Pond Dam Power House	1	50.00	0.00	0.00	0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
Priyadarshini Jurala Hydro Electric Project- AP Share	1	234.00	35.28	82.54	85.29	85.29	37.98	0.00				37.98	4.45	0.00	0.00	0.00	0.00	4.45
Lower Jurala Hydro Electric Project	1	240.00	70.55	169.32	103.59	103.59	196.56	0.00				196.56	18.98	0.00	0.00	0.00	0.00	18.98
POCHAMPAD Stage-II	1	9.00	70.55	6.35	0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
PULICHINTAL(New Project)	1	120.00	70.55	84.66	14.20	14.20	50.52	0.00				50.52	35.59	0.00	0.00	0.00	0.00	35.59
Mini Hydrel & Others (Peddapalli, Palair)	1	11.16	70.55	7.87	0.79	0.79	4.77	0.00				4.77	60.32	0.00	0.00	0.00	0.00	60.32
Ramagiri Wind Mills (AP)	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
Pochampad Stage-IV	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
TOTAL HYDRO		4239.36		1693.95	1187.90	1187.90	795.22	0.00	0.00	0.00	0.00	795.22	6.69	0.00	0.00	0.00	0.00	6.69
TOTAL TSGENCO		8701.86		4842.25	15100.52	15100.52	2685.54	4202.74	0.00	0.00	0.00	6888.28	1.78	0.00	0.00	0.00	2.78	4.56
Central Generating Stations																		
NTPC																		
NTPC (SR)																		
NTPC (SR)	2	2100.00	11.61	243.71	1614.44	1614.44	132.28	431.34				563.61	0.82	0.00	0.00	0.00	2.67	3.49
NTPC (SR) Stage III	2	500.00	12.23	61.17	400.74	400.74	34.83	98.72				133.55	0.87	0.00	0.00	0.00	2.46	3.33
Total NTPC(SR)		2600.00		304.88	2015.18	2015.18	167.11	530.06	0.00	0.00	0.00	697.17	0.83	0.00	0.00	0.00	2.63	3.46

Generating Station	Plant Type Must Run = 1 Others = 2	Plant Capacity (MW)	DISCOM's share (%)	DISCOM's share (MW)	Availability and Dispatch (MU)		Cost (Rs. Crs.)						Unit Cost (Rs. / kWh)					
					Net Availability	Dispatch	Fixed	Variable	Incentive	Income Tax	Others	Total	Fixed	Incentives	Income Tax	Others	Variable	Total
NTPC (ER)																		
Farakka	2				0.00	0.00	-0.01	0.00										
Kahalgaoon	2			0.00	0.00	0.00	0.00											
Talcher - Stage 1	2			0.00	0.00	0.00	-0.01	0.00										
Talcher Stage 2	2	2000.00	7.56	151.26	997.23	997.23	83.71	169.66										
Others	2			0.00	0.00	0.00												
Total NTPC(ER)		2000.00		151.26	997.23	997.23	83.69	169.66	0.00	0.00	0.00	0.00	0.00	0.84	0.00	0.00	1.70	2.54
Total NTPC		4600.00		456.14	3012.42	3012.42	250.80	699.72	0.00	0.00	0.00	950.52	0.83	0.00	0.00	0.00	2.32	3.16
NLC TS-II																		
Stage-I	2	630.00	6.71	42.27	227.08	227.08	33.18	56.34										
Stage-II	2	840.00	8.83	74.14	414.17	414.17	28.68	105.74										
Total NLC		1470.00		116.41	641.24	641.24	61.86	162.08	0.00	0.00	0.00	223.93	0.96	0.00	0.00	0.00	2.53	3.49
NPC																		
NPC-MAPS	1	440.00	3.65	16.05	43.14	43.14	0.00	11.77										
NPC-Kaiga unit I	1	440.00	11.29	49.67	761.42	761.42	0.00	289.74										
NPC-Kaiga unit II	1	440.00	11.96	52.71	0.00	0.00												
Total NPC		1320.00		118.43	804.55	804.55	0.00	301.51	0.00	0.00	0.00	301.51	0.00	0.00	0.00	0.00	3.75	3.75
NTPC - Simhadri																		
NTPC Simhadri Stage I	2	1000.00	38.02	380.19	2402.21	2402.21	312.75	708.71										
NTPC Simhadri Stage II	2	1000.00	16.32	163.18	851.56	851.56	189.47	260.83										
Total NTPC- Simhadri		2000.00		543.38	3253.77	3253.77	502.22	969.54	0.00	0.00	0.00	1471.76	1.54	0.00	0.00	0.00	2.98	4.52
CGS - New																		
Vaipur Thermal Power Plant	2	1500.00	5.21	78.10	331.17	331.17	93.70	126.02										
Tuticorin/NLC Tamilnadu Power Ltd	2	1000.00	10.74	107.45	504.27	504.27	139.69	159.38										
NPC-Kundrikulam	1	1000.00	3.53	35.28	107.26	107.26	0.00	45.17										
Kudgi	2	2400.00	7.99	191.67	620.39	620.39	187.06	237.45										
NTPC Aravali Power	2			0.00	0.00	0.00												
NCE - Bundled Power (Coal) (NTPC 200 MW)	2	193.00	70.55	136.16	1110.10	1110.10	0.00	367.68										
NCE-Bundled Power (NVLNL) coal	2	85.00	38.02	32.32	170.03	170.03	0.00	72.68										
TOTAL CGS		15568.00		1815.32	10555.18	10555.18	1235.32	3141.23	0.00	0.00	0.00	4376.55	1.17	0.00	0.00	0.00	2.98	4.15
APGPCL																		
APGPCL I - Allocated capacity	2	100.00	4.71	4.71	13.73	13.73	1.02	4.27										
APGPCL I - Unutilised capacity	2			0.00	0.00	0.00												
APGPCL II - Allocated capacity	2	172.00	7.32	12.58	39.40	39.40	1.76	11.12										
APGPCL II - Unutilised capacity	2			0.00	0.00	0.00												
Total APGPCL		272.00		17.29	53.13	53.13	2.79	15.39	0.00	0.00	0.00	18.17	0.52	0.00	0.00	0.00	2.90	3.42
IPPS																		
GVK	2			0.00	0.00	0.00												
Spectrum	2			0.00	0.00	0.00												
Kondapalli (Naphtha)	2			0.00	0.00	0.00												
Kondapalli (Gas)	2			0.00	0.00	0.00	0.41											
BSES	2			0.00	0.00	0.00												
GVK Extension	2			0.00	0.00	0.00												
Vemagiri	2			0.00	0.00	0.00												
Gautami	2			0.00	0.00	0.00												
Konaseema	2			0.00	0.00	0.00												
TOTAL IPPS		0.00		0.00	0.00	0.00	0.41	0.00	0.00	0.00	0.00	0.00	0.41	0.00	0.00	0.00	0.00	0.00

Generating Station	Plant Type Must Run = 1 Others = 2	Plant Capacity (MW)	DISCOM's share (%)	DISCOM's share (MW)	Availability and Dispatch (MU)		Cost (Rs. Crs.)						Unit Cost (Rs. / kWh)						
					Net Availability	Dispatch	Fixed	Variable	Incentive	Income Tax	Others	Total	Fixed	Incentives	Income Tax	Others	Variable	Total	
NCE																			
NCE - Bio-Mass	1	18.00	100.00	18.00	32.53	32.53		18.93					18.93	0.00	0.00	0.00	0.00	5.82	5.82
NCE - Bagasse	1	15.00	100.00	15.00	23.89	23.89		10.35					10.35	0.00	0.00	0.00	0.00	4.33	4.33
NCE - Municipal Waste to Energy	1	0.00	100.00	0.00	0.00	0.00		0.00					0.00	0.00	0.00	0.00	0.00	0.00	0.00
NCE - Industrial Waste based power project.	1	7.50	100.00	7.50	46.22	46.22		28.79					28.79	0.00	0.00	0.00	0.00	6.23	6.23
NCE - Wind Power	1	100.80	100.00	100.80	230.49	230.49		108.18					108.18	0.00	0.00	0.00	0.00	4.69	4.69
NCE - Mini Hydel	1	1.55	100.00	1.55	2.35	2.35	0.61						0.61	2.60	0.00	0.00	0.00	0.00	2.60
NCE - NCL Energy Ltd	1			0.00	0.00	0.00		0.00					0.00	0.00	0.00	0.00	0.00	0.00	0.00
NCE-Solar	1	1863.74	100.00	1863.74	3597.69	3597.69		2162.67					2162.67	0.00	0.00	0.00	0.00	6.01	6.01
NCE - Bundled Power NVVNL (solar)_JNNISM Ph 1	1	85.00	38.02	32.32	40.17	40.17		43.24					43.24	0.00	0.00	0.00	0.00	10.76	10.76
NCE - Bundled Power (Solar) (NTPC 400 MW)	1	400.00	70.55	282.20	579.25	579.25		273.71					273.71	0.00	0.00	0.00	0.00	4.73	4.73
NCE-Others	1			0.00	0.00	0.00		0.00					0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL NCE		2491.59		2321.11	4552.58	4552.58	0.61	2645.86	0.00	0.00	0.00	2646.48	0.00	0.00	0.00	0.00	5.81	5.81	
OTHERS																			
Srivathsa	2			0.00	0.00	0.00							0.00	0.00	0.00	0.00	0.00	0.00	0.00
LVS	2			0.00	0.00	0.00							0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vishakapatnam Steel Plant	2			0.00	0.00	0.00							0.00	0.00	0.00	0.00	0.00	0.00	0.00
NB Ferro Alloys	2			0.00	0.00	0.00							0.00	0.00	0.00	0.00	0.00	0.00	0.00
Singareni I & II	2	1200.00	70.55	846.60	5737.24	5737.24	1052.56	1388.90					2441.46	1.83	0.00	0.00	0.00	2.42	4.26
Thermal Power Tech	2	500.00	38.02	190.10	1341.92	1341.92	233.38	281.61					514.99	1.74	0.00	0.00	0.00	2.10	3.84
CSPGCL	2	1000.00	70.55	705.50	3759.64	3759.64	1015.10	451.16					1466.26	2.70	0.00	0.00	0.00	1.20	3.90
Thermal Power Tech Unit II	2	570.00	70.55	402.14	2606.94	2606.94	706.66	631.67					1338.34	2.71	0.00	0.00	0.00	2.42	5.13
TOTAL OTHERS		3270.00		2144.33	13445.74	13445.74	3007.70	2753.34	0.00	0.00	0.00	5761.05	2.24	0.00	0.00	0.00	2.05	4.28	
MARKET																			
Bilateral Sales (PTC etc.)					4539.05	4539.05	4.77	2293.46				103.85	2445.09	0.11	0.00	0.00	0.23	5.05	5.39
Sale of Power					-1229.35	-1229.35		-432.21					-432.21	0.00	0.00	0.00	0.00	3.52	3.52
D-D Sales/Purchase & UI					-486.17	-486.17		-374.86					-374.86	0.00	0.00	0.00	0.00	7.71	7.71
UI-SRPC/Deviation charges					0.00	0.00		80.86					80.86	0.00	0.00	0.00	0.00	0.00	0.00
Interest on Pension Bonds					0.00	0.00	482.80						482.80	0.00	0.00	0.00	0.00	0.00	0.00
Reactive					0.00	0.00	4.11						4.11	0.00	0.00	0.00	0.00	0.00	0.00
Wheeling KPTCL					0.00	0.00	0.09						0.09	0.00	0.00	0.00	0.00	0.00	0.00
Wheeling Transtraco/Asset					0.00	0.00	41.30						41.30	0.00	0.00	0.00	0.00	0.00	0.00
Thermal Incentive 18-19/ROCE True up					0.00	0.00	18.98						18.98	0.00	0.00	0.00	0.00	0.00	0.00
Adv Income Tax 2018-19					0.00	0.00	18.22						18.22	0.00	0.00	0.00	0.00	0.00	0.00
STOA Prov 2018-19					0.00	0.00	6.30						6.30	0.00	0.00	0.00	0.00	0.00	0.00
Miscellaneous (Provisional Reversal 2017-18 etc.)					0.00	0.00	-47.15						-47.15	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL MARKET		0.00		0.00	2823.53	2823.53	572.43	1567.26	0.00	0.00	103.85	2243.53	2.03	0.00	0.00	0.37	5.55	7.95	
TOTAL (From All Sources)		30303.45		11140.29	46530.68	46530.68	7504.80	14325.82	0.00	0.00	103.85	21934.46	1.61	0.00	0.00	0.02	3.08	4.71	

Note:
1) Details of NCE Plant wise to be filled in Form 1.4 [i,ii,iii,iv]
2) Hydro cost break up details to be provided based on appropriate methodology. In case it is not possible to segregate the cost

2019-20

Generating Station	Plant Type Must Run = 1 Others = 2	Plant Capacity (MW)	DISCOM's share (%)	DISCOM's share (MW)	Availability and Dispatch (MU)		Cost (Rs. Crs.)						Unit Cost (Rs. / kWh)						
					Net Availability	Dispatch	Fixed	Variable	Incentive	Inc. Tax	Others	Total	Fixed	Inctv	Inc. Tax	Others	Variable	Total	
TSGENCO																			
Thermal																			
KTPS A	2	180.00	70.55	126.99	613.05	613.05	100.54	202.49				0.27	303.30	1.64	0.00	0.00	0.00	3.30	4.95
KTPS B	2	120.00	70.55	84.66	408.70	408.70	67.03	134.99				0.18	202.20	1.64	0.00	0.00	0.00	3.30	4.95
KTPS C	2	120.00	70.55	84.66	408.70	408.70	67.03	134.99				0.18	202.20	1.64	0.00	0.00	0.00	3.30	4.95
KTPS D	2	500.00	70.55	352.75	2265.63	2265.63	202.46	626.20				0.99	829.65	0.89	0.00	0.00	0.00	2.76	3.66
KTPS Stage VI	2	500.00	70.55	352.75	2393.07	2393.07	367.70	651.87				1.05	1020.62	1.54	0.00	0.00	0.00	2.72	4.26
RTS B	2	62.50	70.55	44.09	245.41	245.41	38.44	73.84				0.11	112.39	1.57	0.00	0.00	0.00	3.01	4.58

Generating Station	Plant Type Must Run = 1 Others = 2	Plant Capacity (MW)	DISCOM's share (%)	DISCOM's share (MW)	Availability and Dispatch (MU)		Cost (Rs. Crs.)						Unit Cost (Rs. / kWh)						
					Net Availability	Dispatch	Fixed	Variable	Incentive	Income Tax	Others	Total	Fixed	Incentives	Income Tax	Others	Variable	Total	
NPC																			
NPC-MAPS	1	440.00	3.65	16.05	52.87	52.87	0.00	2.33				0.07	2.40	0.00	0.00	0.00	0.01	0.44	0.45
NPC-Kaiga unit I	1	440.00	11.29	49.67	382.70	382.70	0.00	99.40				3.09	102.49	0.00	0.00	0.00	0.08	2.60	2.68
NPC-Kaiga unit II	1	440.00	11.98	52.71	382.70	382.70	0.00	99.40				3.09	102.49	0.00	0.00	0.00	0.08	2.60	2.68
Total NPC		1320.00		118.43	818.27	818.27	0.00	201.13	0.00	0.00		6.25	207.39	0.00	0.00	0.00	0.08	2.46	2.53
NTPC - Simhadri																			
NTPC Simhadri Stage I	2	1000.00	38.02	380.19	1845.24	1845.24	274.01	635.70				28.29	938.00	1.48	0.00	0.00	0.15	3.45	5.08
NTPC Simhadri Stage II	2	1000.00	16.32	163.18	849.32	849.32	165.32	284.30				13.98	463.60	1.95	0.00	0.00	0.16	3.35	5.46
Total NTPC - Simhadri		2000.00		543.38	2694.56	2694.56	439.33	920.00	0.00	0.00		42.27	1401.60	1.63	0.00	0.00	0.16	3.41	5.20
CGS - New																			
Valur Thermal Power Plant	2	1500.00	5.21	78.10	303.59	303.59	98.18	134.90				7.25	240.33	3.23	0.00	0.00	0.24	4.44	7.92
Tuticorin/NLC Tamilnadu Power Ltd	2	1000.00	10.74	107.45	529.15	529.15	112.61	154.79				8.32	275.71	2.13	0.00	0.00	0.16	2.93	5.21
NPC-Kundnkulam	1	1000.00	3.53	35.28	126.05	126.05		53.12				1.65	54.78	0.00	0.00	0.00	0.13	4.21	4.35
kudigi	2	2400.00	7.99	191.67	398.74	398.74	235.71	147.27				11.91	394.89	5.91	0.00	0.00	0.30	3.69	9.90
NCE-Bundled Power (NVVNL) coal	1	85.00	38.02	32.32	148.60	148.60		71.29				2.22	73.50	0.00	0.00	0.00	0.15	4.80	4.95
NCE - Bundled Power (Coal) (NTPC 200 MW)	1	193.00	70.55	136.16	972.19	972.19		387.76				36.19	423.96	0.00	0.00	0.00	0.37	3.99	4.36
Neyveli new unit - 1	2	500.00	5.08	25.40	23.98	23.98	4.10	5.51				0.30	9.91	1.71	0.00	0.00	0.12	2.30	4.13
NTPC Aravali Power				0.00	0.00	0.00	3.77	0.00				0.12	3.88	0.00	0.00	0.00	0.00	0.00	0.00
				0.00	0.00	0.00	0.00	0.00					0.00	0.00	0.00	0.00	0.00	0.00	0.00
				0.00	0.00	0.00							0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL CGS		16068.00		1840.72	9495.29	9495.29	1170.23	2923.90	0.00	0.00		151.55	4245.68	1.23	0.00	0.00	0.16	3.08	4.47
APGPCL																			
APGPCL I - Allocated capacity	2	100.00	4.71	4.71	6.95	6.95	0.53	2.24					2.76	0.76	0.00	0.00	0.00	3.22	3.98
APGPCL I - Unutilised capacity	2				0.00	0.00							0.00	0.00	0.00	0.00	0.00	0.00	0.00
APGPCL II - Allocated capacity	2	172.00	7.32	12.58	18.58	18.58	0.97	5.73					6.70	0.52	0.00	0.00	0.00	3.08	3.61
APGPCL II - Unutilised capacity	2				0.00	0.00							0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total APGPCL		272.00		17.29	25.53	25.53	1.50	7.97	0.00	0.00	0.00		9.47	0.59	0.00	0.00	0.00	3.12	3.71
IPPS																			
GVK	2				0.00	0.00							0.00	0.00	0.00	0.00	0.00	0.00	0.00
Spectrum	2				0.00	0.00							0.00	0.00	0.00	0.00	0.00	0.00	0.00
Kondapalli (Naphtha)	2				0.00	0.00							0.00	0.00	0.00	0.00	0.00	0.00	0.00
Kondapalli (Gas)	2				0.00	0.00							0.00	0.00	0.00	0.00	0.00	0.00	0.00
BSES	2				0.00	0.00							0.00	0.00	0.00	0.00	0.00	0.00	0.00
GVK Extension	2				0.00	0.00							0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vemagiri	2				0.00	0.00							0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gautami	2				0.00	0.00							0.00	0.00	0.00	0.00	0.00	0.00	0.00
Konaseema	2				0.00	0.00							0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL IPPS		0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00
NCE																			
NCE - Bio-Mass	1	18.00	100.00	18.00	37.97	37.97		23.85					23.85	0.00	0.00	0.00	0.00	6.28	6.28
NCE - Bagasse	1	15.00	100.00	15.00	9.34	9.34		3.86					3.86	0.00	0.00	0.00	0.00	4.13	4.13
NCE - Municipal Waste to Energy	1	0.00	100.00	0.00	0.00	0.00		0.00					0.00	0.00	0.00	0.00	0.00	0.00	0.00
NCE - Industrial Waste based power project	1	7.50	100.00	7.50	14.06	14.06		5.89					5.89	0.00	0.00	0.00	0.00	4.19	4.19
NCE - Wind Power	1	100.80	100.00	100.80	185.19	185.19		82.24					82.24	0.00	0.00	0.00	0.00	4.44	4.44
NCE - Mini Hydel	1	1.55	100.00	1.55	2.99	2.99	0.81						0.81	2.70	0.00	0.00	0.00	0.00	2.70
NCE - NCL Energy Ltd	1		100.00	0.00	0.00	0.00							0.00	0.00	0.00	0.00	0.00	0.00	0.00
NCE-Solar	1	1951.74	100.00	1951.74	3564.93	3564.93		2134.83					-8.08	2126.75	0.00	0.00	0.00	-0.02	5.99

Generating Station	Plant Type Must Run = 1 Others = 2	Plant Capacity (MW)	DISCOM's share (%)	DISCOM's share (MW)	Availability and Dispatch (MU)		Cost (Rs. Crs.)						Unit Cost (Rs. / kWh)							
					Net Availability	Dispatch	Fixed	Variable	Incentive	Income Tax	Others	Total	Fixed	Incentives	Income Tax	Others	Variable	Total		
Wheeling KPTCL/Reactive KPTCL/AP					0.00	0.00	0.01							0.01	0.00	0.00	0.00	0.00	0.00	0.00
Wheeling Tantransco/Asset Maintenance					0.00	0.00	0.16							0.16	0.00	0.00	0.00	0.00	0.00	0.00
Reactive					0.00	0.00	9.65							9.65	0.00	0.00	0.00	0.00	0.00	0.00
Receivable from TRANSCO towards LIS Funds					0.00	0.00	-262.13							-262.13	0.00	0.00	0.00	0.00	0.00	0.00
Miscellaneous (GBI Receivables, Received from Saraswati power, LPSC, Banked energy in one time vendor)					0.00	0.00	25.38							25.38	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL MARKET		550.00		388.03	3397.95	3397.95	933.54	1066.41	0.00	0.00	70.89	2070.84	2.75	0.00	0.00	0.21	3.14	6.09		
TOTAL (From All Sources)		28280.25		10428.61	44051.86	44051.86	8163.84	12108.80	0.00	0.00	482.66	20755.30	1.85	0.00	0.00	0.11	2.75	4.71		

Note:
1) Details of NCE Plant wise to be filled in Form 1.4 [i,ii,iii,iv]
2) Hydro cost break up details to be provided based on appropriate methodology. In case it is not possible to segregate the cost
Station wise, provide the total details in the empty rows in the TSGENCO Hydro stations section saying ALL.

2021-22																			
Generating Station	Plant Type Must Run = 1 Others = 2	Plant Capacity (MW)	DISCOM's share (%)	DISCOM's share (MW)	Availability and Dispatch (MU)		Cost (Rs. Crs.)						Unit Cost (Rs. / kWh)						
					Net Availability	Dispatch	Fixed	Variable	Incentive	Income Tax	Others	Total	Fixed	Incentives	Income Tax	Others	Variable	Total	
TSGENCO																			
Thermal																			
KTPS A	2	0.00	70.55	0.00	0.00	0.00	0.00	0.00	0.00				0.00	0.00	0.00	0.00	0.00	0.00	0.00
KTPS B	2	0.00	70.55	0.00	0.00	0.00	0.00	0.00	0.00				0.00	0.00	0.00	0.00	0.00	0.00	0.00
KTPS C	2	0.00	70.55	0.00	0.00	0.00	0.00	0.00	0.00				0.00	0.00	0.00	0.00	0.00	0.00	0.00
KTPS D	2	500.00	70.55	352.75	1994.28	1601.35	268.21	473.62					741.82	1.67	0.00	0.00	0.00	2.96	4.63
KTPS Stage VI	2	500.00	70.55	352.75	2209.70	1773.80	383.46	538.93					922.39	2.16	0.00	0.00	0.00	3.04	5.20
RTS B	2	62.50	70.55	44.09	202.51	150.11	71.02	53.27					124.29	4.73	0.00	0.00	0.00	3.55	8.28
NTS	2				0.00	0.00							0.00	0.00	0.00	0.00	0.00	0.00	0.00
Kakaliya Thermal Power Plant Stage I	2	500.00	70.55	352.75	2254.62	1644.83	356.43	505.22					861.66	2.17	0.00	0.00	0.00	3.07	5.24
Kakaliya Thermal Power Plant Stage II	2	600.00	70.55	423.30	2363.77	2092.95	587.03	642.53					1229.56	2.80	0.00	0.00	0.00	3.07	5.87
BTPS (Manuguru New Project) - Unit 1	2	270.00	70.55	190.49	1142.45	1142.45	313.65	317.72					631.37	2.75	0.00	0.00	0.00	2.78	5.53
BTPS (Manuguru New Project) - Unit 2	2	270.00	70.55	190.49	1142.45	1142.45	313.65	317.73					631.37	2.75	0.00	0.00	0.00	2.78	5.53
BTPS (Manuguru New Project) - Unit 3	2	270.00	70.55	190.49	1142.45	1142.45	313.65	317.73					631.38	2.75	0.00	0.00	0.00	2.78	5.53
BTPS (Manuguru New Project) - Unit 4	2	270.00	70.55	190.49	320.00	320.00	78.41	89.35					167.77	2.45	0.00	0.00	0.00	2.79	5.24
KTPS VII	2	800.00	70.55	564.40	3875.81	3875.81	675.44	1062.07					1737.51	1.74	0.00	0.00	0.00	2.74	4.48
TSGENCO provision for water, IT, hydel sec EC, thermal incentives etc.					0.00	0.00					70.55		70.55	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL THERMAL		4042.50		2851.98	16648.03	14886.20	3360.94	4318.17	0.00	0.00	70.55	7749.67	2.26	0.00	0.00	0.00	0.05	2.90	5.21
MACHKUND PH TS Share	1	84.00	38.02	31.94	0.00	0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
TUNGBHADRA PH TS Share	1	57.60	38.02	21.90	0.00	0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
USL	1			0.00	0.00	0.00							0.00	0.00	0.00	0.00	0.00	0.00	0.00
LSR	1			0.00	0.00	0.00							0.00	0.00	0.00	0.00	0.00	0.00	0.00
DONKARAYI	1			0.00	0.00	0.00							0.00	0.00	0.00	0.00	0.00	0.00	0.00
SSLM	1			0.00	0.00	0.00							0.00	0.00	0.00	0.00	0.00	0.00	0.00
NSPH	1	815.60	70.55	575.41	1399.66	1399.66	177.10						177.10	1.27	0.00	0.00	0.00	0.00	1.27
NSRCPH	1			0.00	0.00	0.00							0.00	0.00	0.00	0.00	0.00	0.00	0.00
NSLCPH	1	60.00	70.55	42.33	99.84	99.84	13.03						13.03	1	0.00	0.00	0.00	0.00	1
POCHAMPAD PH	1	27.00	70.55	19.05	41.47	41.47	12.07						12.07	2.91	0.00	0.00	0.00	0.00	2.91
NIZAMSAGAR PH	1	10.00	70.55	7.06	15.69	15.69	4.47						4.47	2.85	0.00	0.00	0.00	0.00	2.85
PABM	1			0.00	0.00	0.00							0.00	0.00	0.00	0.00	0.00	0.00	0.00
MINI HYDRO&OTHERS	1			0.00	0.00	0.00							0.00	0.00	0.00	0.00	0.00	0.00	0.00
SINGUR	1	15.00	70.55	10.58	15.08	15.08	6.70						6.70	4.44	0.00	0.00	0.00	0.00	4.44

Generating Station	Plant Type Must Run = 1 Others = 2	Plant Capacity	DISCOM's share	DISCOM's share	Availability and Dispatch (MU)		Cost (Rs. Crs.)						Unit Cost (Rs. / kWh)					
					Net Availability	Dispatch	Fixed	Variable	Incentive	Income Tax	Others	Total	Fixed	Incentives	Income Tax	Others	Variable	Total

2022-23

Generating Station	Plant Type Must Run = 1 Others = 2	Plant Capacity	DISCOM's share	DISCOM's share	Availability and Dispatch (MU)		Cost (Rs. Crs.)						Unit Cost (Rs. / kWh)					
					Net Availability	Dispatch	Fixed	Variable	Incentive	Income Tax	Others	Total	Fixed	Incentives	Income Tax	Others	Variable	Total
TSGENCO																		
Thermal																		
VTPS I	2		0.00	0.00	0.00	0.00											0.00	
VTPS II	2		0.00	0.00	0.00	0.00											0.00	
VTPS III	2		0.00	0.00	0.00	0.00											0.00	
VTPS IV	2		0.00	0.00	0.00	0.00											0.00	
RTPP I	2		0.00	0.00	0.00	0.00											0.00	
RTPP Stage-II	2		0.00	0.00	0.00	0.00											0.00	
RTPP Stage-III	2		0.00	0.00	0.00	0.00											0.00	
KTPS A	2		70.55	0.00	0.00	0.00	0.00	0.00									0.00	
KTPS B	2		70.55	0.00	0.00	0.00	0.00	0.00									0.00	
KTPS C	2		70.55	0.00	0.00	0.00	0.00	0.00									0.00	
KTPS D	2	500.00	70.55	352.75	2249.08	2249.08	276.59	631.09									4.04	
KTPS Stage VI	2	62.50	70.55	44.09	2286.67	2286.67	365.53	645.75									4.42	
RTS B	2		0.00	260.80	99.32	86.13	34.10										12.11	
NTS	2		70.55	0.00	0.00	0.00											0.00	
Kakatiya Thermal Power Plant Stage I	2	500.00	70.55	352.75	2286.67	2286.67	319.56	652.39									4.25	
Kakatiya Thermal Power Plant Stage II	2	600.00	70.55	423.30	2758.83	2758.83	597.68	790.41									5.03	
BTPS (Manuguru New Project) - Unit 1	2	270.00	70.55	190.49	1298.49	1298.49	366.47	377.21									5.73	
BTPS (Manuguru New Project) - Unit 2	2	270.00	70.55	190.49	1298.49	1298.49	366.47	377.22									5.73	
BTPS (Manuguru New Project) - Unit 3	2	270.00	70.55	190.49	1298.49	1298.49	366.47	377.24									5.73	
BTPS (Manuguru New Project) - Unit 4	2	270.00	70.55	190.49	1297.79	1297.79	366.47	377.05									5.73	
KTPS VII	2	800.00	70.55	564.40	3981.89	3981.89	831.54	990.30									4.58	
YTPS - I	2	800.00	70.55	564.40	338.19	338.19	67.39	84.11									4.48	
TSGENCO provision for water, IT, hydel sec EC, thermal incentives etc.					0.00	0.00							28.22				0.00	
TOTAL THERMAL		4342.50		3063.63	19355.38	19193.90	4010.29	5336.87	0.00	0.00	28.22	9375.38	2.09	0.00	0.00	0.01	4.88	
SSLM	1			0.00	0.00	0.00											0.00	
NSPH	1	815.60	70.55	575.41	1136.84	1136.84	217.47										1.91	
NSRCPH	1			0.00	0.00	0.00											0.00	
NSLCPH	1	60.00	70.55	42.33	41.55	41.55	16.00										3.85	
POCHAMPAD PH	1	27.00	70.55	19.05	42.57	42.57	17.77										4.17	
NIZAMSAGAR PH	1	10.00	70.55	7.06	12.08	12.08	6.58										5.45	
PABM	1			0.00	0.00	0.00											0.00	
MINI HYDRO&OTHERS	1			0.00	0.00	0.00											0.00	
SINGUR	1	15.00	70.55	10.58	10.45	10.45	9.87										9.45	
SSLM LCPH	1	900.00	70.55	634.95	1068.99	1068.99	299.89										2.81	
Nagarjunasagar Tail Pond Dam Power House	1			0.00	0.00	0.00											0.00	
Priyadarshini Jurala Hydro Electric Project- AP Share	1	234.00	35.28	82.54	119.52	119.52	92.94										7.78	
Lower Jurala Hydro Electric Project	1	240.00	70.55	169.32	240.31	240.31	187.13										7.79	
POCHAMPAD Stage-II	1	9.00	70.55	6.35	13.86	13.86	7.65										5.52	
PULICHINTAL (New Project)	1	120.00	70.55	84.66	128.22	128.22	90.25										7.04	
Ramagiri Wind Mills	1			0.00	0.00	0.00											0.00	
Pochampad Stage-IV	1			0.00	0.00	0.00											0.00	
Mini Hydel & Others (Peddapalli, Palair)		11.16	70.55	7.87	7.62	7.62	8.26										10.84	
TOTAL HYDRO		2441.76		1640.12	2822.00	2822.00	953.82	0.00	0.00	0.00	0.00	953.82	3.38	0.00	0.00	0.00	3.38	
TOTAL TSGENCO		6784.26		4703.75	22177.38	22015.90	4964.12	5336.87	0.00	0.00	28.22	10329.21	2.25	0.00	0.00	0.01	4.69	

Generating Station	Plant Type Must Run = 1 Others = 2	Plant Capacity (MW)	DISCOM's share (%)	DISCOM's share (MW)	Availability and Dispatch (MU)		Cost (Rs. Crs.)						Unit Cost (Rs. / kWh)						
					Net Availability	Dispatch	Fixed	Variable	Incentive	Income Tax	Others	Total	Fixed	Incentives	Income Tax	Others	Variable	Total	
Central Generating Stations																			
NTPC																			
NTPC (SR)																			
NTPC (SR)	2	2100.00	11.61	243.71	1892.86	1892.86	133.06	487.24					620.29	0.70	0.00	0.00	0.00	2.57	3.28
NTPC (SR) Stage III	2	500.00	12.23	61.17	508.96	508.96	40.32	128.54					168.86	0.79	0.00	0.00	0.00	2.53	3.32
Total NTPC(SR)		2600.00		304.88	2401.82	2401.82	173.38	615.78	0.00	0.00	0.00	0.00	789.16	0.72	0.00	0.00	0.00	2.56	3.29
NTPC (ER)																			
Farakka	2				0.00	0.00	0.00	0.00					0.00	0.00	0.00	0.00	0.00	0.00	0.00
Kahalgaoon	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
Talcher - Stage 1	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
Talcher Stage 2	2	2000.00	7.56	151.26	1156.27	1156.27	83.10	200.56					283.66	0.72	0.00	0.00	0.00	1.73	2.45
Others	2			0.00	0.00	0.00							0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total NTPC(ER)		2000.00		151.26	1156.27	1156.27	83.10	200.56	0.00	0.00	0.00	0.00	283.66	0.72	0.00	0.00	0.00	1.73	2.45
Total NTPC		4600.00		456.14	3558.09	3558.09	256.48	816.34	0.00	0.00	0.00	0.00	1072.81	0.72	0.00	0.00	0.00	2.29	3.02
NLC TS-II																			
Stage-I	2	630.00	6.71	42.27	279.10	279.10	19.11	73.76					92.86	0.68	0.00	0.00	0.00	2.64	3.33
Stage-II	2	840.00	8.99	75.50	500.95	500.95	35.36	132.51					167.87	0.71	0.00	0.00	0.00	2.65	3.35
Total NLC		1470.00		117.77	780.05	780.05	54.47	206.26	0.00	0.00	0.00	0.00	260.73	0.70	0.00	0.00	0.00	2.64	3.34
NPC																			
NPC-MAPS	1	440.00	3.66	16.11	41.42	41.42		8.93					8.93	0.00	0.00	0.00	0.00	2.16	2.16
NPC-Kaiga unit I	1	440.00	11.34	49.88	319.84	319.84		111.79					111.79	0.00	0.00	0.00	0.00	3.50	3.50
NPC-Kaiga unit II	1	440.00	12.03	52.93	318.11	318.11		111.19					111.19	0.00	0.00	0.00	0.00	3.50	3.50
Total NPC		1320.00		118.92	679.38	679.38	0.00	231.91	0.00	0.00	0.00	0.00	231.91	0.00	0.00	0.00	0.00	3.41	3.41
NTPC - Simhadri																			
NTPC Simhadri Stage I	2	1000.00	38.02	380.19	2942.32	1588.71	337.63	499.18					836.82	2.13	0.00	0.00	0.00	3.14	5.27
NTPC Simhadri Stage II	2	1000.00	16.32	163.18	1348.59	915.90	162.43	281.15					443.58	1.77	0.00	0.00	0.00	3.07	4.84
Total NTPC- Simhadri		2000.00		543.38	4290.91	2504.61	500.06	780.34	0.00	0.00	0.00	0.00	1280.40	2.00	0.00	0.00	0.00	3.12	5.11
CGS - New																			
Vallur Thermal Power Plant	2	1500.00	5.23	78.52	588.83	588.83	95.24	173.19					268.43	1.62	0.00	0.00	0.00	2.94	4.56
Tuticorin/NLC Tamilnadu Power Ltd	2	1000.00	10.79	107.87	753.89	753.89	133.03	200.20					333.24	1.76	0.00	0.00	0.00	2.66	4.42
NPC-Kundnkulam	1	1000.00	7.99	79.86	202.95	202.95		79.52					79.52	0.00	0.00	0.00	0.00	3.92	3.92
kudigi	2	2400.00	3.53	84.66	1507.23	717.58	225.67	245.55					471.22	3.14	0.00	0.00	0.00	3.42	6.57
NCE-Bundled Power (NVVNL) coal	1	85.00	38.02	32.32	237.30	237.30		109.60					109.60	0.00	0.00	0.00	0.00	4.62	4.62
NCE - Bundled Power (Coal) (NTPC 200 MW)	1	200.00	70.55	141.10	981.14	981.14		387.48					387.48	0.00	0.00	0.00	0.00	3.95	3.95
Neyveli new unit - 1	2	500.00	4.38	21.91	142.06	142.06	24.07	31.05					55.13	1.69	0.00	0.00	0.00	2.19	3.88
Neyveli new unit - 2	2	500.00	4.38	21.91	142.06	142.06	24.07	31.06					55.13	1.69	0.00	0.00	0.00	2.19	3.88
Telangana STPP (phase I)	2	1600.00	59.97	959.48	2468.99	2468.99	557.99	560.46					1118.45	2.26	0.00	0.00	0.00	2.27	4.53
					0.00	0.00							0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL CGS		18175.00		2763.83	16332.87	13756.92	1871.10	3852.95	0.00	0.00	0.00	0.00	5724.04	1.36	0.00	0.00	0.00	2.80	4.16

Generating Station	Plant Type Must Run = 1 Others = 2	Plant Capacity (MW)	DISCOM's share (%)	DISCOM's share (MW)	Availability and Dispatch (MU)		Cost (Rs. Crs.)						Unit Cost (Rs. / kWh)							
					Net Availability	Dispatch	Fixed	Variable	Incentive	Income Tax	Others	Total	Fixed	Incentives	Income Tax	Others	Variable	Total		
OTHERS																				
Singareni I & II	2	1200.00	70.55	846.60	6380.81	5267.26	999.10	1574.49					1.55	2575.14	1.90	0.00	0.00	0.00	2.99	4.89
Thermal Power Tech	2	500.00	38.02	190.10	1581.99	1581.99	235.83	357.58					44.00	637.41	1.49	0.00	0.00	0.28	2.26	4.03
CSPGCL	2	1000.00	70.55	705.50	4479.63	4479.63	1209.50	537.56						1747.05	2.70	0.00	0.00	0.00	1.20	3.90
Thermal Power Tech Unit II	2	570.00	70.55	402.14	3346.57	3346.57	802.16	780.08						1582.24	2.40	0.00	0.00	0.00	2.33	4.73
					0.00	0.00								0.00	0.00	0.00	0.00	0.00	0.00	0.00
					0.00	0.00								0.00	0.00	0.00	0.00	0.00	0.00	0.00
					0.00	0.00								0.00	0.00	0.00	0.00	0.00	0.00	0.00
					0.00	0.00								0.00	0.00	0.00	0.00	0.00	0.00	0.00
					0.00	0.00								0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL OTHERS		3270.00		2144.33	15788.99	14675.44	3246.59	3249.70	0.00	0.00	45.55	6541.84	2.21	0.00	0.00	0.00	0.03	2.21	4.46	
MARKET																				
PTC		550.00	70.55	388.03	965.72	965.72	0.00	414.29						414.29	0.00	0.00	0.00	0.00	4.29	4.29
Other Short Term Sources					0.00	1698.01		649.33						649.33	0.00	0.00	0.00	0.00	3.85	3.85
D-D purchase/ sale					0.00	-4074.07		-1393.26						-1393.26	0.00	0.00	0.00	0.00	3.42	3.42
Interest on Pension Bonds					0.00	0.00	984.05							984.05	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL MARKET		550.00		388.03	965.72	-1420.34	984.05	-329.64	0.00	0.00	0.00	654.42	-6.93	0.00	0.00	0.00	0.00	2.32	-4.61	
TOTAL (From All Sources)		33494.95		13929.05	61536.11	55299.08	11121.10	15216.33	0.00	0.00	73.77	26411.20	2.01	0.00	0.00	0.01	2.75	4.78		

Form 1.4(i)

NCE Generation (Base Year)

Plant wise NCE Generation and Cost Details for Base Year. The total should be consistent with values provided in Form

TYPE	Name	Location	Plant Capacity	DISCOM's share	DISCOM's share	Availability and Dispatch (MU)		Cost (Rs. Crs.)					Unit Cost (Rs. / kWh)						
			(MW)	(%)	(MW)	Net Availability	Dispatch	Fixed	Variable	Incentive	Inc. Tax	Others	Total	Fixed	Incentives	Inc. Tax	Others	Variable	Total
Bio-Mass	Gayatri Agro		6.0	100.00	6.00	8.85	8.85		5.06				5.06	0.00	0.00	0.00	0.00	5.72	5.72
Bio-Mass	Saro Power		6.0	100.00	6.00	0.53	0.53		0.00				0.00	0.00	0.00	0.00	0.00	0.00	0.00
Bio-Mass	Surya Teja		6.0	100.00	6.00	23.15	23.15		13.87				13.87	0.00	0.00	0.00	0.00	5.99	5.99
TOTAL Bio-mass			18.00		18.00	32.53	32.53	0.00	18.93	0.00	0.00	0.00	18.93	0.00	0.00	0.00	0.00	5.82	5.82
Bagasse	Ganapathi sugars		15.00	100.00	15.00	23.89	23.89		10.35				10.35	0.00	0.00	0.00	0.00	4.33	4.33
TOTAL Bagasse			15.00		15.00	23.89	23.89	0.00	10.35	0.00	0.00	0.00	10.35	0.00	0.00	0.00	0.00	4.33	4.33
Industrial Waste based power project	shravana power		7.50	100.00	7.50	46.22	46.22		28.79				28.79	0.00	0.00	0.00	0.00	6.23	6.23
TOTAL Industrial Waste			7.50		7.50	46.22	46.22	0.00	28.79	0.00	0.00	0.00	28.79	0.00	0.00	0.00	0.00	6.23	6.23
Wind Power	Mytra Vayu (WIND)		100.80	100.00	100.80	230.49	230.49		108.18				108.18	0.00	0.00	0.00	0.00	4.69	4.69
TOTAL Wind Power			100.80		100.80	230.49	230.49	0.00	108.18	0.00	0.00	0.00	108.18	0.00	0.00	0.00	0.00	4.69	4.69
Mini Hydel	Kallam Brothers		1.00	100.00	1.00	1.81	1.81	0.47					0.47	0.79	0.00	0.00	0.00	0.00	2.59
Mini Hydel	Srinivas Power (P) Ltd.,		0.55	100.00	0.55	0.54	0.54	0.14					0.14	0.00	0.00	0.00	0.00	0.00	2.65
TOTAL Mini Hydel			1.55		1.55	2.35	2.35	0.61	0.00	0.00	0.00	0.00	0.61	2.60	0.00	0.00	0.00	0.00	2.60
NCE-Solar	Ramakrishna Industries		1.00	100.00	1.00	1.57	1.57		0.93				0.93	0.00	0.00	0.00	0.00	5.92	5.92
NCE-Solar	Bhavani Engineering		1.00	100.00	1.00	1.57	1.57		0.93				0.93	0.00	0.00	0.00	0.00	5.94	5.94
NCE-Solar	Photon Energy Systems Ltd.,		1.00	100.00	1.00	1.44	1.44		0.90				0.90	0.00	0.00	0.00	0.00	6.28	6.28
NCE-Solar	Andromeda Energy Techno		0.75	100.00	0.75	1.10	1.10		0.65				0.65	0.00	0.00	0.00	0.00	5.95	5.95
NCE-Solar	Jurala Solar Power Plant		1.00	100.00	1.00	1.44	1.44		0.85				0.85	0.00	0.00	0.00	0.00	5.93	5.93
NCE-Solar	Abhyudaya Green Economic Zones		4.00	100.00	4.00	6.02	6.02		3.88				3.88	0.00	0.00	0.00	0.00	6.45	6.45
NCE-Solar	Abijit Solar Energy Pvt Ltd		5.00	100.00	5.00	10.62	10.62		6.78				6.78	0.00	0.00	0.00	0.00	6.38	6.38
NCE-Solar	Achampet Solar Pvt Ltd		10.00	100.00	10.00	21.08	21.08		12.06				12.06	0.00	0.00	0.00	0.00	5.72	5.72
NCE-Solar	Acme Medak Solar Energy Pvt Ltd		45.00	100.00	45.00	94.96	94.96		53.12				53.12	0.00	0.00	0.00	0.00	5.59	5.59
NCE-Solar	Acme PV Powertech Pvt Ltd		50.00	100.00	50.00	105.36	105.36		58.95				58.95	0.00	0.00	0.00	0.00	5.59	5.59
NCE-Solar	ACME Solar Power		50.00	100.00	50.00	108.44	108.44		60.63				60.63	0.00	0.00	0.00	0.00	5.59	5.59
NCE-Solar	Ajay Kumar Ratilal Patel		2.00	100.00	2.00	3.41	3.41		1.95				1.95	0.00	0.00	0.00	0.00	5.73	5.73
NCE-Solar	Arun Vidyut Private Limited		5.00	100.00	5.00	10.04	10.04		6.80				6.80	0.00	0.00	0.00	0.00	6.77	6.77
NCE-Solar	Astonfield Solar (Rajasthan II) Pvt Ltd		2.00	100.00	2.00	2.77	2.77		1.76				1.76	0.00	0.00	0.00	0.00	6.37	6.37
NCE-Solar	Avighna Solarfarms Ltd		15.00	100.00	15.00	29.72	29.72		16.31				16.31	0.00	0.00	0.00	0.00	5.49	5.49
NCE-Solar	Bhagyanagar Green Energy Ltd.,		5.00	100.00	5.00	8.24	8.24		5.26				5.26	0.00	0.00	0.00	0.00	6.38	6.38
NCE-Solar	Chintapally Saibaba Energy Pvt. Ltd.,		2.00	100.00	2.00	2.96	2.96		1.80				1.80	0.00	0.00	0.00	0.00	6.09	6.09
NCE-Solar	Cleansolar power		30.00	100.00	30.00	57.85	57.85		39.67				39.67	0.00	0.00	0.00	0.00	6.86	6.86
NCE-Solar	Cybercity Builders (Rajapet)		5.00	100.00	5.00	10.04	10.04		6.80				6.80	0.00	0.00	0.00	0.00	6.77	6.77
NCE-Solar	Cybercity Builders (Nednoor)		5.00	100.00	5.00	9.92	9.92		6.80				6.80	0.00	0.00	0.00	0.00	6.85	6.85
NCE-Solar	Dartys Powers Pvt Ltd		1.00	100.00	1.00	1.71	1.71		1.07				1.07	0.00	0.00	0.00	0.00	6.26	6.26
NCE-Solar	Dayakara Solar Power		30.00	100.00	30.00	63.28	63.28		43.27				43.27	0.00	0.00	0.00	0.00	6.84	6.84
NCE-Solar	Dinkar Technologies Pvt Ltd		24.94	100.00	24.94	54.49	54.49		27.99				27.99	0.00	0.00	0.00	0.00	5.14	5.14
NCE-Solar	Earth Solar Power		5.00	100.00	5.00	9.01	9.01		5.81				5.81	0.00	0.00	0.00	0.00	6.45	6.45
NCE-Solar	Energion Soleq (Sadashypet)		50.00	100.00	50.00	104.15	104.15		57.94				57.94	0.00	0.00	0.00	0.00	5.56	5.56
NCE-Solar	Energion Soleq (Minpur)		50.00	100.00	50.00	105.43	105.43		58.28				58.28	0.00	0.00	0.00	0.00	5.53	5.53
NCE-Solar	Enrich Energy Private Limited		7.00	100.00	7.00	13.73	13.73		7.86				7.86	0.00	0.00	0.00	0.00	5.72	5.72
NCE-Solar	Essel Mining & Industries Ltd., Achampet		5.00	100.00	5.00	8.84	8.84		5.69				5.69	0.00	0.00	0.00	0.00	6.44	6.44

TYPE	Name	Location	Plant Capacity	DISCOM's share	DISCOM's share	Availability and Dispatch (MU)		Cost (Rs. Crs.)						Unit Cost (Rs. / kWh)					
			(MW)	(%)	(MW)	Net Availability	Dispatch	Fixed	Variable	Incentive	Inc. Tax	Others	Total	Fixed	Incentives	Inc. Tax	Others	Variable	Total
NCE-Solar	Essel Mining & Industries Ltd., Kalwakurthy		10.00	100.00	10.00	17.97	17.97		11.60				11.60	0.00	0.00	0.00	0.00	6.46	6.46
NCE-Solar	Essel Mining & Industries Ltd., Peddashankarampet		10.00	100.00	10.00	16.74	16.74		10.76				10.76	0.00	0.00	0.00	0.00	6.43	6.43
NCE-Solar	Essel Mining & Industries Ltd., Salakpur		10.00	100.00	10.00	16.98	16.98		10.97				10.97	0.00	0.00	0.00	0.00	6.46	6.46
NCE-Solar	Ghanpur Solar Pvt Ltd		15.00	100.00	15.00	30.51	30.51		17.47				17.47	0.00	0.00	0.00	0.00	5.72	5.72
NCE-Solar	Global Coal & Mining (P) Ltd.,		10.00	100.00	10.00	19.08	19.08		12.41				12.41	0.00	0.00	0.00	0.00	6.51	6.51
NCE-Solar	Grahati Solar Energy		50.00	100.00	50.00	96.29	96.29		69.82				69.82	0.00	0.00	0.00	0.00	7.25	7.25
NCE-Solar	Gummadidala Solar Pvt Ltd		15.00	100.00	15.00	38.31	38.31		21.93				21.93	0.00	0.00	0.00	0.00	5.72	5.72
NCE-Solar	Haldiram Snacks Private Limited		10.00	100.00	10.00	18.61	18.61		12.26				12.26	0.00	0.00	0.00	0.00	6.59	6.59
NCE-Solar	International Solar		5.00	100.00	5.00	9.29	9.29		6.13				6.13	0.00	0.00	0.00	0.00	6.60	6.60
NCE-Solar	Karvy Solar Power		20.00	100.00	20.00	32.66	32.66		23.04				23.04	0.00	0.00	0.00	0.00	7.05	7.05
NCE-Solar	Keerthi Estates Pvt Ltd (Kandagatta)		5.00	100.00	5.00	8.82	8.82		6.04				6.04	0.00	0.00	0.00	0.00	6.85	6.85
NCE-Solar	Keerthi Estates Pvt Ltd (Nagarkurnool)		10.00	100.00	10.00	18.66	18.66		12.65				12.65	0.00	0.00	0.00	0.00	6.78	6.78
NCE-Solar	Kirithi Power Solutions		1.99	100.00	1.99	4.53	4.53		1.75				1.75	0.00	0.00	0.00	0.00	3.87	3.87
NCE-Solar	Kranthi Edifice (P) Ltd		10.00	100.00	10.00	17.16	17.16		8.59				8.59	0.00	0.00	0.00	0.00	5.01	5.01
NCE-Solar	Mahabubnagar Solar Parks (P) Ltd.,		10.00	100.00	10.00	20.15	20.15		13.04				13.04	0.00	0.00	0.00	0.00	6.47	6.47
NCE-Solar	Marikal Solar Parks (P) Ltd		10.00	100.00	10.00	11.21	11.21		7.26				7.26	0.00	0.00	0.00	0.00	6.48	6.48
NCE-Solar	Maheswari Mining (Kothagadi)		10.00	100.00	10.00	18.35	18.35		11.83				11.83	0.00	0.00	0.00	0.00	6.45	6.45
NCE-Solar	Maheswari Mining (Peerampally)		10.00	100.00	10.00	19.70	19.70		12.68				12.68	0.00	0.00	0.00	0.00	6.44	6.44
NCE-Solar	Mytrah Abhinav Power (Thimmajipet)		8.00	100.00	8.00	15.56	15.56		8.84				8.84	0.00	0.00	0.00	0.00	5.68	5.68
NCE-Solar	Mytrah Abhinav Power (Aravapally)		7.56	100.00	7.56	18.77	18.77		10.75				10.75	0.00	0.00	0.00	0.00	5.72	5.72
NCE-Solar	Mytrah Abhinav Power (Alampur)		11.00	100.00	11.00	26.91	26.91		15.41				15.41	0.00	0.00	0.00	0.00	5.72	5.72
NCE-Solar	Mytrah Abhinav Power (Gadwal) 8/17 to 6/18		15.00	100.00	15.00	36.79	36.79		20.65				20.65	0.00	0.00	0.00	0.00	5.61	5.61
NCE-Solar	Mytrah Adarsh Power Pvt Ltd (Tunki Bollaram)		15.00	100.00	15.00	21.50	21.50		12.28				12.28	0.00	0.00	0.00	0.00	5.71	5.71
NCE-Solar	Mytrah Adarsh Power Pvt Ltd (Chegunta)		15.00	100.00	15.00	20.03	20.03		11.47				11.47	0.00	0.00	0.00	0.00	5.72	5.72
NCE-Solar	Mytrah Adarsh Power Pvt Ltd (Thungathurthy)		15.00	100.00	15.00	25.57	25.57		14.64				14.64	0.00	0.00	0.00	0.00	5.72	5.72
NCE-Solar	Mytrah Adarsh Power Pvt Ltd (Guntipally)		15.00	100.00	15.00	28.55	28.55		16.35				16.35	0.00	0.00	0.00	0.00	5.72	5.72
NCE-Solar	Mytrah Adarsh Power Pvt Ltd (Shanigaram)		15.00	100.00	15.00	24.36	24.36		13.90				13.90	0.00	0.00	0.00	0.00	5.71	5.71
NCE-Solar	Mytrah Abhinav Power (Tandur)		15.00	100.00	15.00	20.13	20.13		11.52				11.52	0.00	0.00	0.00	0.00	5.72	5.72
NCE-Solar	Mytrah Aakash Power Pvt Ltd(KM pally)		50.00	100.00	50.00	38.58	38.58		21.45				21.45	0.00	0.00	0.00	0.00	5.56	5.56
NCE-Solar	Narbheram Vishram		15.00	100.00	15.00	28.95	28.95		16.38				16.38	0.00	0.00	0.00	0.00	5.66	5.66
NCE-Solar	New ERA Emviro Ventures Kowdipally		8.00	100.00	8.00	14.56	14.56		9.20				9.20	0.00	0.00	0.00	0.00	6.32	6.32
NCE-Solar	Nirjara Solaire Urja		10.00	100.00	10.00	19.67	19.67		13.55				13.55	0.00	0.00	0.00	0.00	6.89	6.89
NCE-Solar	NV Vogt Solar One P Ltd		10.00	100.00	10.00	19.28	19.28		13.27				13.27	0.00	0.00	0.00	0.00	6.89	6.89
NCE-Solar	Orissa Power Consortium Ltd		3.00	100.00	3.00	4.78	4.78		3.05				3.05	0.00	0.00	0.00	0.00	6.38	6.38

TYPE	Name	Location	Plant Capacity	DISCOM's share	DISCOM's share	Availability and Dispatch (MU)		Cost (Rs. Crs.)						Unit Cost (Rs. / kWh)						
			(MW)	(%)	(MW)	Net Availability	Dispatch	Fixed	Variable	Incentive	Inc. Tax	Others	Total	Fixed	Incentives	Inc. Tax	Others	Variable	Total	
NCE-Solar	Paramount Minerals		2.00	100.00	2.00	3.94	3.94		2.21				2.21	0.00	0.00	0.00	0.00	0.00	5.61	5.61
NCE-Solar	Prathamesh Solarfarms Ltd		50.00	100.00	50.00	111.59	111.59		59.37				59.37	0.00	0.00	0.00	0.00	0.00	5.32	5.32
NCE-Solar	Renew Saur Shakti Pvt Ltd (Minpur)		65.00	100.00	65.00	137.52	137.52		76.45				76.45	0.00	0.00	0.00	0.00	0.00	5.56	5.56
NCE-Solar	Rudra Solarfarms Ltd		15.00	100.00	15.00	32.44	32.44		18.14				18.14	0.00	0.00	0.00	0.00	0.00	5.59	5.59
NCE-Solar	Se Solar		100.00	100.00	100.00	219.64	219.64		122.26				122.26	0.00	0.00	0.00	0.00	0.00	5.57	5.57
NCE-Solar	Shalaka Infra-Tech(I) Private Ltd		15.00	100.00	15.00	28.52	28.52		16.23				16.23	0.00	0.00	0.00	0.00	0.00	5.69	5.69
NCE-Solar	S.R. Sun Power India Pvt Ltd (Midjil)		5.00	100.00	5.00	5.65	5.65		3.61				3.61	0.00	0.00	0.00	0.00	0.00	6.39	6.39
NCE-Solar	S.R. Sun Power India Pvt Ltd (Maktal)		5.00	100.00	5.00	5.18	5.18		3.31				3.31	0.00	0.00	0.00	0.00	0.00	6.38	6.38
NCE-Solar	Suprasanna Solaire Energy Pvt Ltd		20.00	100.00	20.00	39.71	39.71		26.11				26.11	0.00	0.00	0.00	0.00	0.00	6.57	6.57
NCE-Solar	SurajKiran Reneable Resources P Ltd		50.00	100.00	50.00	101.30	101.30		54.26				54.26	0.00	0.00	0.00	0.00	0.00	5.36	5.36
NCE-Solar	Surajkiran Solar Technologies P Ltd		50.00	100.00	50.00	98.78	98.78		51.81				51.81	0.00	0.00	0.00	0.00	0.00	5.24	5.24
NCE-Solar	Transform Sun Energy Pvt Ltd		100.00	100.00	100.00	174.79	174.79		105.46				105.46	0.00	0.00	0.00	0.00	0.00	6.03	6.03
NCE-Solar	Thukkapur Solar Pvt Ltd		15.00	100.00	15.00	30.34	30.34		17.37				17.37	0.00	0.00	0.00	0.00	0.00	5.72	5.72
NCE-Solar	Zuka Power Pvt Ltd		48.00	100.00	48.00	124.73	124.73		68.21				68.21	0.00	0.00	0.00	0.00	0.00	5.47	5.47
NCE-Solar	Pemmasani Solar Power Private Ltd,		10.00	100.00	10.00	20.60	20.60		14.21				14.21	0.00	0.00	0.00	0.00	0.00	6.90	6.90
NCE-Solar	Photon Solar Power Pvt Ltd.,		5.00	100.00	5.00	8.99	8.99		5.67				5.67	0.00	0.00	0.00	0.00	0.00	6.30	6.30
NCE-Solar	Photon Solar Power Pvt Ltd., (Ph-II)		5.00	100.00	5.00	8.49	8.49		5.74				5.74	0.00	0.00	0.00	0.00	0.00	6.76	6.76
NCE-Solar	Platinum Solar Pvt Ltd.,		2.00	100.00	2.00	4.03	4.03		2.61				2.61	0.00	0.00	0.00	0.00	0.00	6.48	6.48
NCE-Solar	Polepally Solar Parks		25.00	100.00	25.00	47.57	47.57		30.52				30.52	0.00	0.00	0.00	0.00	0.00	6.42	6.42
NCE-Solar	Premier Photo Medak (P) Ltd., Digwal		8.00	100.00	8.00	14.35	14.35		9.22				9.22	0.00	0.00	0.00	0.00	0.00	6.42	6.42
NCE-Solar	Premier Photovoltaic Medak (P) Ltd., (Narsingi)		8.00	100.00	8.00	13.14	13.14		8.47				8.47	0.00	0.00	0.00	0.00	0.00	6.45	6.45
NCE-Solar	Prime Life Space Consultancy (P) Ltd.,		3.00	100.00	3.00	4.40	4.40		2.97				2.97	0.00	0.00	0.00	0.00	0.00	6.75	6.75
NCE-Solar	R.G.S.Solar Power Private Limited		1.00	100.00	1.00	13.06	13.06		8.60				8.60	0.00	0.00	0.00	0.00	0.00	6.58	6.58
NCE-Solar	Rays Powr Infra (P) Ltd		2.00	100.00	2.00	2.63	2.63		1.71				1.71	0.00	0.00	0.00	0.00	0.00	6.49	6.49
NCE-Solar	ReNew Akshay (Sadashivpet)		24.00	100.00	24.00	44.96	44.96		30.44				30.44	0.00	0.00	0.00	0.00	0.00	6.77	6.77
NCE-Solar	Renew Akshay Urja		100.00	100.00	100.00	191.78	191.78		128.39				128.39	0.00	0.00	0.00	0.00	0.00	6.69	6.69
NCE-Solar	Rohini Solares Pvt Ltd		5.00	100.00	5.00	7.18	7.18		4.88				4.88	0.00	0.00	0.00	0.00	0.00	6.80	6.80
NCE-Solar	Shinning Sun Power		10.00	100.00	10.00	18.53	18.53		12.11				12.11	0.00	0.00	0.00	0.00	0.00	6.54	6.54
NCE-Solar	SP Solren Private Limited		10.00	100.00	10.00	18.96	18.96		13.08				13.08	0.00	0.00	0.00	0.00	0.00	6.90	6.90
NCE-Solar	Sparkman Solar Energy Pvt Ltd		2.00	100.00	2.00	3.70	3.70		2.50				2.50	0.00	0.00	0.00	0.00	0.00	6.76	6.76
NCE-Solar	Sri Ramcharan Energy & Infra Pvt Ltd		10.00	100.00	10.00	18.30	18.30		11.62				11.62	0.00	0.00	0.00	0.00	0.00	6.35	6.35
NCE-Solar	SS Indus Solar Energy Private Limited		2.00	100.00	2.00	3.80	3.80		2.46				2.46	0.00	0.00	0.00	0.00	0.00	6.47	6.47
NCE-Solar	SSJ Power Projects & Infrastructures(P) Ltd		5.00	100.00	5.00	5.71	5.71		3.62				3.62	0.00	0.00	0.00	0.00	0.00	6.34	6.34
NCE-Solar	Starlite Global Enterprises (India) Ltd.,		3.00	100.00	3.00	5.17	5.17		3.33				3.33	0.00	0.00	0.00	0.00	0.00	6.45	6.45
NCE-Solar	Sunborne Energy Andhra (P) Ltd.,		35.00	100.00	35.00	75.73	75.73		47.72				47.72	0.00	0.00	0.00	0.00	0.00	6.30	6.30
NCE-Solar	Suraj Impex (India) Pvt. Ltd.,		2.00	100.00	2.00	3.17	3.17		2.14				2.14	0.00	0.00	0.00	0.00	0.00	6.75	6.75
NCE-Solar	Talettutayi Solar Projects P Ltd		10.00	100.00	10.00	19.33	19.33		13.27				13.27	0.00	0.00	0.00	0.00	0.00	6.87	6.87
NCE-Solar	Tri Solar Pvt LTd.,		5.00	100.00	5.00	10.33	10.33		6.77				6.77	0.00	0.00	0.00	0.00	0.00	6.56	6.56
NCE-Solar	Ushas Ventures Private Limited		8.00	100.00	8.00	11.77	11.77		7.55				7.55	0.00	0.00	0.00	0.00	0.00	6.42	6.42

TYPE	Name	Location	Plant Capacity	DISCOM's share	DISCOM's share	Availability and Dispatch (MU)		Cost (Rs. Crs.)					Unit Cost (Rs. / kWh)						
			(MW)	(%)	(MW)	Net Availability	Dispatch	Fixed	Variable	Incentive	Inc. Tax	Others	Total	Fixed	Incentives	Inc. Tax	Others	Variable	Total
NCE-Solar	Vcarve Renewable Energy Private Limited		3.00	100.00	3.00	5.70	5.70		3.77				3.77	0.00	0.00	0.00	0.00	6.62	6.62
NCE-Solar	Vigneswara Thermal Power Pvt Ltd		10.00	100.00	10.00	20.59	20.59		13.28				13.28	0.00	0.00	0.00	0.00	6.45	6.45
NCE-Solar	Winsol Solar Fields (Karoor)		15.00	100.00	15.00	31.36	31.36		20.53				20.53	0.00	0.00	0.00	0.00	6.55	6.55
NCE-Solar	Winsol Solar Fields (Polepally) Pvt Ltd., Tandur		10.00	100.00	10.00	102.86	102.86		66.14				66.14	0.00	0.00	0.00	0.00	6.43	6.43
NCE-Solar	Winsol Solar Fields P Ltd kodangal		50.00	100.00	50.00	19.36	19.36		13.31				13.31	0.00	0.00	0.00	0.00	6.88	6.88
NCE-Solar	Advik Hi-Tech Pvt Ltd		3.00	100.00	3.00	4.73	4.73		3.04				3.04	0.00	0.00	0.00	0.00	6.42	6.42
NCE-Solar	Agarwal Enterprises		1.00	100.00	1.00	1.53	1.53		0.99				0.99	0.00	0.00	0.00	0.00	6.44	6.44
NCE-Solar	Arnav Renewable Energy		2.50	100.00	2.50	4.47	4.47		2.89				2.89	0.00	0.00	0.00	0.00	6.45	6.45
NCE-Solar	Associated Ceramics		1.00	100.00	1.00	1.44	1.44		0.92				0.92	0.00	0.00	0.00	0.00	6.34	6.34
NCE-Solar	D.J. Malpani		16.25	100.00	16.25	26.56	26.56		17.14				17.14	0.00	0.00	0.00	0.00	6.46	6.46
NCE-Solar	Enrich Energy Private Limited		3.00	100.00	3.00	5.18	5.18		3.34				3.34	0.00	0.00	0.00	0.00	6.45	6.45
NCE-Solar	Govindram Shobharam & Co.		1.00	100.00	1.00	1.53	1.53		0.98				0.98	0.00	0.00	0.00	0.00	6.43	6.43
NCE-Solar	Harshna Constructions		1.00	100.00	1.00	1.50	1.50		0.95				0.95	0.00	0.00	0.00	0.00	6.37	6.37
NCE-Solar	Jsons Foundry Pvt Ltd		1.00	100.00	1.00	1.50	1.50		0.97				0.97	0.00	0.00	0.00	0.00	6.49	6.49
NCE-Solar	Jsons Foundry Pvt Ltd Ph - II		3.00	100.00	3.00	4.79	4.79		3.09				3.09	0.00	0.00	0.00	0.00	6.45	6.45
NCE-Solar	L.B. Kunjir		2.00	100.00	2.00	3.11	3.11		2.01				2.01	0.00	0.00	0.00	0.00	6.45	6.45
NCE-Solar	Mahalingashetty & Co. Ltd.		1.00	100.00	1.00	1.58	1.58		1.02				1.02	0.00	0.00	0.00	0.00	6.44	6.44
NCE-Solar	Marudhar Fshions		1.00	100.00	1.00	1.53	1.53		0.98				0.98	0.00	0.00	0.00	0.00	6.41	6.41
NCE-Solar	Marudhar Fshions Ph - II		1.00	100.00	1.00	1.55	1.55		0.99				0.99	0.00	0.00	0.00	0.00	6.37	6.37
NCE-Solar	Paramount Minerals & Chem Ltd		1.00	100.00	1.00	1.59	1.59		1.02				1.02	0.00	0.00	0.00	0.00	6.43	6.43
NCE-Solar	Pudhari Publications Pvt LTd		1.00	100.00	1.00	0.99	0.99		0.64				0.64	0.00	0.00	0.00	0.00	6.45	6.45
NCE-Solar	Pudhari Publications Pvt LTd Ph - II		1.00	100.00	1.00	1.13	1.13		0.72				0.72	0.00	0.00	0.00	0.00	6.41	6.41
NCE-Solar	Pudhari Publications Pvt LTd Ph - III		2.00	100.00	2.00	3.00	3.00		1.93				1.93	0.00	0.00	0.00	0.00	6.44	6.44
NCE-Solar	Ravinder K. Reshamwala		1.00	100.00	1.00	1.57	1.57		1.02				1.02	0.00	0.00	0.00	0.00	6.48	6.48
NCE-Solar	Sanjay Mohanial Bafna		1.10	100.00	1.10	1.88	1.88		1.20				1.20	0.00	0.00	0.00	0.00	6.37	6.37
NCE-Solar	Sansui Electronics Unit II		1.05	100.00	1.05	1.87	1.87		1.21				1.21	0.00	0.00	0.00	0.00	6.49	6.49
NCE-Solar	Sapphire Proventures P Ltd		1.00	100.00	1.00	1.51	1.51		0.96				0.96	0.00	0.00	0.00	0.00	6.37	6.37
NCE-Solar	Saraswati Industries		1.00	100.00	1.00	1.51	1.51		0.98				0.98	0.00	0.00	0.00	0.00	6.45	6.45
NCE-Solar	Shreyalaxmi Properties		1.00	100.00	1.00	1.53	1.53		0.98				0.98	0.00	0.00	0.00	0.00	6.36	6.36
NCE-Solar	Sliver Line Investment Co. Pvt LTD		1.00	100.00	1.00	1.59	1.59		1.02				1.02	0.00	0.00	0.00	0.00	6.42	6.42
NCE-Solar	Sunil Bantatalal Desadla		1.10	100.00	1.10	1.90	1.90		1.22				1.22	0.00	0.00	0.00	0.00	6.40	6.40
NCE-Solar	Swaraj PVC Pripes Pvt LTD		1.00	100.00	1.00	1.54	1.54		0.99				0.99	0.00	0.00	0.00	0.00	6.41	6.41
NCE-Solar	Vikram Tea Processor Pvt Lt.		1.50	100.00	1.50	2.46	2.46		1.59				1.59	0.00	0.00	0.00	0.00	6.47	6.47
NCE-Solar	Virupa Renewable Energy		2.00	100.00	2.00	3.70	3.70		2.33				2.33	0.00	0.00	0.00	0.00	6.29	6.29
NCE-Solar	Western Precicast Pvt Ltd.		2.00	100.00	2.00	2.95	2.95		1.90				1.90	0.00	0.00	0.00	0.00	6.45	6.45
NCE-Solar	JADE Solar Energy Pvt Ltd		1.00	100.00	1.00	0.04	0.04		0.02				0.02	0.00	0.00	0.00	0.00	6.25	6.25
NCE-Solar	Mytrah Abhinav Power (Nagarkurnool)		15.00	100.00	15.00	7.97	7.97		4.49				4.49	0.00	0.00	0.00	0.00	5.63	5.63
NCE-Solar	NCE - Bundled Power NVVNL (solar) JNNSM Ph 1		85.00	38.02	32.32	40.17	40.17		43.24				43.24	0.00	0.00	0.00	0.00	10.76	10.76
NCE-Solar	NCE - Bundled Power (Solar) (NTPC 400 MW)		400.00	70.55	282.20	579.25	579.25		273.71				273.71	0.00	0.00	0.00	0.00	4.73	4.73
TOTAL NCE - Solar			2348.74		2178.26	4217.11	4217.11	0.0	2479.61	0.00	0.00	0.00	2479.61	0.00	0.00	0.00	0.00	5.88	5.88
Total NCE			#####		2321.11	4552.58	4552.58	0.6	2645.86	0.00	0.00	0.00	2646.48	0.00	0.00	0.00	0.00	5.81	5.81

TYPE	Name	Location	Plant Capacity (MW)	DISCOM's share (%)	DISCOM's share (MW)	Availability and Dispatch (MU)		Cost (Rs. Crs.)						Unit Cost (Rs. / kWh)						
						Net Availability	Dispatch	Fixed	Variable	Incentive	Inc. Tax	Others	Total	Fixed	Incentives	Inc. Tax	Others	Variable	Total	
NCE-Solar	Essel Mining & Industries Ltd., Kalwakurthy		10	100.00	10.00	16.71	16.71		10.79					10.79	0.00	0.00	0.00	0.00	6.46	6.46
NCE-Solar	Essel Mining & Industries Ltd., Peddashankampet		10	100.00	10.00	15.50	15.50		9.92					9.92	0.00	0.00	0.00	0.00	6.40	6.40
NCE-Solar	Essel Mining & Industries Ltd., Salakpur		10	100.00	10.00	15.95	15.95		10.31					10.31	0.00	0.00	0.00	0.00	6.46	6.46
NCE-Solar	GEA BGR Energy Systems Pvt Ltd		2	100.00	2.00	7.48	7.48		4.28					4.28	0.00	0.00	0.00	0.00	5.72	5.72
NCE-Solar	Ghanpur Solar Pvt Ltd		15	100.00	15.00	28.69	28.69		16.43					16.43	0.00	0.00	0.00	0.00	5.72	5.72
NCE-Solar	Global Coal & Mining (P) Ltd.,		10	100.00	10.00	17.21	17.21		11.21					11.21	0.00	0.00	0.00	0.00	6.51	6.51
NCE-Solar	Grahati Solar Energy		50	100.00	50.00	94.72	94.72		63.74					63.74	0.00	0.00	0.00	0.00	6.73	6.73
NCE-Solar	Gummadidal Solar Pvt Ltd		15	100.00	15.00	27.32	27.32		10.37					10.37	0.00	0.00	0.00	0.00	3.80	3.80
NCE-Solar	Haldiram Snacks Private Limited		10	100.00	10.00	16.82	16.82		11.06					11.06	0.00	0.00	0.00	0.00	6.58	6.58
NCE-Solar	International Solar		5	100.00	5.00	8.82	8.82		5.82					5.82	0.00	0.00	0.00	0.00	6.60	6.60
NCE-Solar	JADE Solar Energy Pvt Ltd		1	100.00	1.00	1.48	1.48		0.92					0.92	0.00	0.00	0.00	0.00	6.24	6.24
NCE-Solar	Karvy Solar Power		20	100.00	20.00	31.09	31.09		20.58					20.58	0.00	0.00	0.00	0.00	6.62	6.62
NCE-Solar	Keerthi Estates Pvt Ltd (Kandagatla)		5	100.00	5.00	8.11	8.11		5.46					5.46	0.00	0.00	0.00	0.00	6.73	6.73
NCE-Solar	Keerthi Estates Pvt Ltd (Nagarkurnool)		10	100.00	10.00	17.49	17.49		11.85					11.85	0.00	0.00	0.00	0.00	6.77	6.77
NCE-Solar	Kirthi Power Solutions		1.99	100.00	1.99	2.65	2.65		1.66					1.66	0.00	0.00	0.00	0.00	6.25	6.25
NCE-Solar	Kranthi Edifice (P) Ltd		10	100.00	10.00	11.82	11.82		7.62					7.62	0.00	0.00	0.00	0.00	6.45	6.45
NCE-Solar	Mahabubnagar Solar Parks (P) Ltd.,		10	100.00	10.00	18.73	18.73		12.11					12.11	0.00	0.00	0.00	0.00	6.47	6.47
NCE-Solar	Marikal Solar Parks (P) Ltd		10	100.00	10.00	26.07	26.07		17.75					17.75	0.00	0.00	0.00	0.00	6.81	6.81
NCE-Solar	Maheswari Mining (Kothagadi)		10	100.00	10.00	17.30	17.30		11.16					11.16	0.00	0.00	0.00	0.00	6.45	6.45
NCE-Solar	Maheswari Mining (Peerampally)		10	100.00	10.00	17.81	17.81		11.48					11.48	0.00	0.00	0.00	0.00	6.45	6.45
NCE-Solar	Myrah Abhinav Power (Thimmajipet)		8	100.00	8.00	14.93	14.93		8.49					8.49	0.00	0.00	0.00	0.00	5.69	5.69
NCE-Solar	Myrah Abhinav Power (Aravapally)		7.56	100.00	7.56	14.21	14.21		8.13					8.13	0.00	0.00	0.00	0.00	5.72	5.72
NCE-Solar	Myrah Abhinav Power (Alampur)		11	100.00	11.00	19.36	19.36		11.08					11.08	0.00	0.00	0.00	0.00	5.72	5.72
NCE-Solar	Myrah Abhinav Power (Gadwal) 8/17 to 6/18		15	100.00	15.00	29.19	29.19		16.49					16.49	0.00	0.00	0.00	0.00	5.65	5.65
NCE-Solar	Myrah Abhinav Power (Nagarkurnool)		15	100.00	15.00	58.97	58.97		33.39					33.39	0.00	0.00	0.00	0.00	5.66	5.66
NCE-Solar	Myrah Adarsh Power Pvt Ltd (Tunki Bollaram)		15	100.00	15.00	22.43	22.43		12.82					12.82	0.00	0.00	0.00	0.00	5.71	5.71
NCE-Solar	Myrah Adarsh Power Pvt Ltd (Chegunta)		15	100.00	15.00	25.13	25.13		14.39					14.39	0.00	0.00	0.00	0.00	5.72	5.72
NCE-Solar	Myrah Adarsh Power Pvt Ltd (Thungathurthy)		15	100.00	15.00	27.48	27.48		15.73					15.73	0.00	0.00	0.00	0.00	5.72	5.72
NCE-Solar	Myrah Adarsh Power Pvt Ltd (Guntipally)		15	100.00	15.00	27.29	27.29		15.62					15.62	0.00	0.00	0.00	0.00	5.72	5.72
NCE-Solar	Myrah Adarsh Power Pvt Ltd (Shanigaram)		15	100.00	15.00	25.85	25.85		14.78					14.78	0.00	0.00	0.00	0.00	5.72	5.72
NCE-Solar	Myrah Abhinav Power (Tandur)		15	100.00	15.00	21.40	21.40		12.25					12.25	0.00	0.00	0.00	0.00	5.72	5.72
NCE-Solar	Myrah Aakash Power Pvt Ltd(KM pally)		50	100.00	50.00	61.30	61.30		34.05					34.05	0.00	0.00	0.00	0.00	5.56	5.56
NCE-Solar	Myrah Agriya Power (Wanaparthy)		50	100.00	50.00	82.60	82.60		45.87					45.87	0.00	0.00	0.00	0.00	5.55	5.55
NCE-Solar	Narbheram Vishram		15	100.00	15.00	27.35	27.35		15.84					15.84	0.00	0.00	0.00	0.00	5.79	5.79
NCE-Solar	New ERA Emviro Ventures Kowdipally		8	100.00	8.00	14.65	14.65		9.36					9.36	0.00	0.00	0.00	0.00	6.39	6.39
NCE-Solar	Nirjara Solaire Urja		10	100.00	10.00	18.34	18.34		12.63					12.63	0.00	0.00	0.00	0.00	6.89	6.89
NCE-Solar	NV Vogt Solar One P Ltd		10	100.00	10.00	17.87	17.87		12.27					12.27	0.00	0.00	0.00	0.00	6.87	6.87
NCE-Solar	Orissa Power Consortium Ltd		3	100.00	3.00	4.37	4.37		2.78					2.78	0.00	0.00	0.00	0.00	6.37	6.37
NCE-Solar	Paramount Minerals		2	100.00	2.00	3.67	3.67		1.97					1.97	0.00	0.00	0.00	0.00	5.38	5.38
NCE-Solar	Prathamesh Solarfarms Ltd		50	100.00	50.00	103.07	103.07		60.05					60.05	0.00	0.00	0.00	0.00	5.83	5.83
NCE-Solar	Renew Saur Shakti Pvt Ltd (Minpur)		65	100.00	65.00	128.10	128.10		71.15					71.15	0.00	0.00	0.00	0.00	5.55	5.55
NCE-Solar	Rudra Solarfarms Ltd		15	100.00	15.00	29.21	29.21		16.32					16.32	0.00	0.00	0.00	0.00	5.59	5.59
NCE-Solar	Se Solar		100	100.00	100.00	204.01	204.01		113.67					113.67	0.00	0.00	0.00	0.00	5.57	5.57
NCE-Solar	Shalaka Infra-Tech(I) Private Ltd		15	100.00	15.00	24.55	24.55		13.97					13.97	0.00	0.00	0.00	0.00	5.69	5.69
NCE-Solar	S.R. Sun Power India Pvt Ltd (Midjil)		5	100.00	5.00	3.16	3.16		2.03					2.03	0.00	0.00	0.00	0.00	6.43	6.43
NCE-Solar	S.R. Sun Power India Pvt Ltd (Maktal)		5	100.00	5.00	2.19	2.19		1.24					1.24	0.00	0.00	0.00	0.00	5.67	5.67

TYPE	Name	Location	Plant Capacity (MW)	DISCOM's share (%)	DISCOM's share (MW)	Availability and Dispatch (MU)		Cost (Rs. Crs.)						Unit Cost (Rs. / kWh)						
						Net Availability	Dispatch	Fixed	Variable	Incentive	Inc. Tax	Others	Total	Fixed	Incentives	Inc. Tax	Others	Variable	Total	
NCE-Solar	Suprasanna Solare Energy Pvt Ltd		20	100.00	20.00	37.04	37.04		24.29					24.29	0.00	0.00	0.00	0.00	6.56	6.56
NCE-Solar	SurajKiran Renewable Resources P Ltd		50	100.00	50.00	93.74	93.74		50.18					50.18	0.00	0.00	0.00	0.00	5.35	5.35
NCE-Solar	Surajkiran Solar Technologies P Ltd		50	100.00	50.00	92.67	92.67		48.62					48.62	0.00	0.00	0.00	0.00	5.25	5.25
NCE-Solar	Transform Sun Energy Pvt Ltd		100	100.00	100.00	181.61	181.61		101.10					101.10	0.00	0.00	0.00	0.00	5.57	5.57
NCE-Solar	Thukkapur Solar Pvt Ltd		15	100.00	15.00	28.67	28.67		16.41					16.41	0.00	0.00	0.00	0.00	5.72	5.72
NCE-Solar	Zuka Power Pvt Ltd		48	100.00	48.00	104.56	104.56		57.80					57.80	0.00	0.00	0.00	0.00	5.53	5.53
NCE-Solar	Cleansolar Power (Chitradurga) Pvt Ltd		30	100.00	30.00	65.17	65.17		36.24					36.24	0.00	0.00	0.00	0.00	5.56	5.56
NCE-Solar	Pemmasani Solar Power Private Ltd,		10	100.00	10.00	19.18	19.18		13.28					13.28	0.00	0.00	0.00	0.00	6.92	6.92
NCE-Solar	Photon Solar Power Pvt Ltd., (Ph-I)		5	100.00	5.00	8.38	8.38		5.33					5.33	0.00	0.00	0.00	0.00	6.35	6.35
NCE-Solar	Photon Solar Power Pvt Ltd., (Ph-II)		5	100.00	5.00	6.80	6.80		4.61					4.61	0.00	0.00	0.00	0.00	6.77	6.77
NCE-Solar	Platinum Solar Pvt Ltd.,		2	100.00	2.00	3.92	3.92		2.53					2.53	0.00	0.00	0.00	0.00	6.46	6.46
NCE-Solar	Polepally Solar Parks		25	100.00	25.00	43.60	43.60		27.97					27.97	0.00	0.00	0.00	0.00	6.41	6.41
NCE-Solar	Premier Photo Medak (P) Ltd., Digwal		8	100.00	8.00	13.51	13.51		8.71					8.71	0.00	0.00	0.00	0.00	6.44	6.44
NCE-Solar	Premier Photovoltaic Medak (P) Ltd., (Narsingi)		8	100.00	8.00	12.65	12.65		8.16					8.16	0.00	0.00	0.00	0.00	6.45	6.45
NCE-Solar	Prime Life Space Consultancy (P) Ltd.,		3	100.00	3.00	4.37	4.37		2.95					2.95	0.00	0.00	0.00	0.00	6.75	6.75
NCE-Solar	R.G.S.Solar Power Private Limited		7	100.00	7.00	11.75	11.75		7.74					7.74	0.00	0.00	0.00	0.00	6.58	6.58
NCE-Solar	Rays Power Infra (P) Ltd		2	100.00	2.00	2.51	2.51		1.63					1.63	0.00	0.00	0.00	0.00	6.49	6.49
NCE-Solar	ReNew Akshay (Sadashivpet)		24	100.00	24.00	41.56	41.56		27.15					27.15	0.00	0.00	0.00	0.00	6.53	6.53
NCE-Solar	Renew Akshay Urja (MBNR)		100	100.00	100.00	172.46	172.46		115.43					115.43	0.00	0.00	0.00	0.00	6.69	6.69
NCE-Solar	Rohini Solares Pvt Ltd		5	100.00	5.00	6.59	6.59		4.48					4.48	0.00	0.00	0.00	0.00	6.79	6.79
NCE-Solar	Shinning Sun Power		10	100.00	10.00	16.97	16.97		11.09					11.09	0.00	0.00	0.00	0.00	6.54	6.54
NCE-Solar	SP Solren Private Limited		10	100.00	10.00	17.79	17.79		12.12					12.12	0.00	0.00	0.00	0.00	6.81	6.81
NCE-Solar	Sparkman Solar Energy Pvt Ltd		2	100.00	2.00	3.52	3.52		2.39					2.39	0.00	0.00	0.00	0.00	6.79	6.79
NCE-Solar	Sri Ramcharan Energy & Infra Pvt Ltd		10	100.00	10.00	16.92	16.92		10.61					10.61	0.00	0.00	0.00	0.00	6.27	6.27
NCE-Solar	SS Indus Solar Energy Private Limited		2	100.00	2.00	3.52	3.52		2.27					2.27	0.00	0.00	0.00	0.00	6.47	6.47
NCE-Solar	SSJ Power Projects & Infrastructures(P) Ltd		5	100.00	5.00	5.25	5.25		3.31					3.31	0.00	0.00	0.00	0.00	6.30	6.30
NCE-Solar	Starlite Global Enterprises (India) Ltd.,		3	100.00	3.00	5.00	5.00		3.22					3.22	0.00	0.00	0.00	0.00	6.44	6.44
NCE-Solar	Sunborne Energy Andhra (P) Ltd.,		35	100.00	35.00	68.59	68.59		44.10					44.10	0.00	0.00	0.00	0.00	6.43	6.43
NCE-Solar	Suraj Impex (India) Pvt. Ltd.,		2	100.00	2.00	3.18	3.18		2.15					2.15	0.00	0.00	0.00	0.00	6.75	6.75
NCE-Solar	Taletutayi Solar Projects P Ltd		10	100.00	10.00	17.81	17.81		12.26					12.26	0.00	0.00	0.00	0.00	6.88	6.88
NCE-Solar	Tri Solar Pvt Ltd.,		5	100.00	5.00	8.96	8.96		5.77					5.77	0.00	0.00	0.00	0.00	6.44	6.44
NCE-Solar	Ushas Ventures Private Limited		8	100.00	8.00	9.28	9.28		5.95					5.95	0.00	0.00	0.00	0.00	6.41	6.41
NCE-Solar	Vcarve Renewable Energy Private Limited		3	100.00	3.00	5.49	5.49		3.54					3.54	0.00	0.00	0.00	0.00	6.46	6.46
NCE-Solar	Vigneswara Thermal Power Pvt Ltd		10	100.00	10.00	18.76	18.76		12.09					12.09	0.00	0.00	0.00	0.00	6.45	6.45
NCE-Solar	Winsol Solar Fields (Karooor)		15	100.00	15.00	29.07	29.07		18.87					18.87	0.00	0.00	0.00	0.00	6.49	6.49
NCE-Solar	Winsol Solar Fields (Polepally) Pvt Ltd.,Indoor(Tandur)		10	100.00	10.00	93.84	93.84		60.32					60.32	0.00	0.00	0.00	0.00	6.43	6.43
NCE-Solar	Winsol Solar Fields P Ltd .Kodangal		50	100.00	50.00	18.04	18.04		12.40					12.40	0.00	0.00	0.00	0.00	6.87	6.87
NCE-Solar	Advik Hi-Tech Pvt Ltd		3	100.00	3.00	4.31	4.31		2.77					2.77	0.00	0.00	0.00	0.00	6.43	6.43
NCE-Solar	Agarwal Enterprises		1	100.00	1.00	1.45	1.45		0.94					0.94	0.00	0.00	0.00	0.00	6.44	6.44
NCE-Solar	Arnav Renewable Energy		2.5	100.00	2.50	4.35	4.35		2.80					2.80	0.00	0.00	0.00	0.00	6.45	6.45
NCE-Solar	Associated Ceramics		1	100.00	1.00	1.33	1.33		0.85					0.85	0.00	0.00	0.00	0.00	6.36	6.36

TYPE	Name	Location	Plant Capacity (MW)	DISCOM's share (%)	DISCOM's share (MW)	Availability and Dispatch (MU)		Cost (Rs. Crs.)						Unit Cost (Rs. / kWh)						
						Net Availability	Dispatch	Fixed	Variable	Incentive	Inc. Tax	Others	Total	Fixed	Incentives	Inc. Tax	Others	Variable	Total	
NCE-Solar	D.J. Malpani		16.25	100.00	16.25	25.39	25.39		16.40					16.40	0.00	0.00	0.00	0.00	6.46	6.46
NCE-Solar	Enrich Energy Private Limited		3	100.00	3.00	4.97	4.97		3.21					3.21	0.00	0.00	0.00	0.00	6.45	6.45
NCE-Solar	Govindram Shobharam & Co.		1	100.00	1.00	1.43	1.43		0.92					0.92	0.00	0.00	0.00	0.00	6.42	6.42
NCE-Solar	Harsha Constructions		1	100.00	1.00	1.38	1.38		0.88					0.88	0.00	0.00	0.00	0.00	6.37	6.37
NCE-Solar	Jsons Foundry Pvt Ltd (Z 15)		1	100.00	1.00	1.39	1.39		0.90					0.90	0.00	0.00	0.00	0.00	6.49	6.49
NCE-Solar	Jsons Foundry Pvt Ltd Ph - II (Z 17)		3	100.00	3.00	4.46	4.46		2.88					2.88	0.00	0.00	0.00	0.00	6.45	6.45
NCE-Solar	L.B. Kunjir		2	100.00	2.00	2.91	2.91		1.88					1.88	0.00	0.00	0.00	0.00	6.46	6.46
NCE-Solar	Mahalingashetty & Co. Ltd.		1	100.00	1.00	1.49	1.49		0.96					0.96	0.00	0.00	0.00	0.00	6.44	6.44
NCE-Solar	Marudhar Fashions - ZHB 03		1	100.00	1.00	1.44	1.44		0.92					0.92	0.00	0.00	0.00	0.00	6.41	6.41
NCE-Solar	Marudhar Fshions Ph - II (Z 24)		1	100.00	1.00	1.43	1.43		0.91					0.91	0.00	0.00	0.00	0.00	6.37	6.37
NCE-Solar	Paramount Minerals & Chem Ltd		1	100.00	1.00	1.48	1.48		0.95					0.95	0.00	0.00	0.00	0.00	6.43	6.43
NCE-Solar	Pudhari Publications Pvt LTd (Z16)		1	100.00	1.00	2.04	2.04		1.31					1.31	0.00	0.00	0.00	0.00	6.43	6.43
NCE-Solar	Pudhari Publications Pvt LTd Ph - II (Z 22)		1	100.00	1.00	1.89	1.89		1.21					1.21	0.00	0.00	0.00	0.00	6.41	6.41
NCE-Solar	Pudhari Publications Pvt LTd Ph - III (Z 23)		2	100.00	2.00	2.79	2.79		1.79					1.79	0.00	0.00	0.00	0.00	6.44	6.44
NCE-Solar	Ravindra K. Reshamwala		1	100.00	1.00	1.44	1.44		0.93					0.93	0.00	0.00	0.00	0.00	6.46	6.46
NCE-Solar	Sanjay Mohanlal Bafna		1.1	100.00	1.10	1.74	1.74		1.11					1.11	0.00	0.00	0.00	0.00	6.36	6.36
NCE-Solar	Sansui Electronics Unit II		1.05	100.00	1.05	1.79	1.79		1.16					1.16	0.00	0.00	0.00	0.00	6.47	6.47
NCE-Solar	Sapphire Proventures P Ltd		1	100.00	1.00	1.40	1.40		0.89					0.89	0.00	0.00	0.00	0.00	6.37	6.37
NCE-Solar	Saraswati Industries		1	100.00	1.00	1.42	1.42		0.91					0.91	0.00	0.00	0.00	0.00	6.44	6.44
NCE-Solar	Shreyalaxmi Properties		1	100.00	1.00	1.44	1.44		0.92					0.92	0.00	0.00	0.00	0.00	6.35	6.35
NCE-Solar	Sliver Line Investment Co. Pvt LTd		1	100.00	1.00	1.48	1.48		0.95					0.95	0.00	0.00	0.00	0.00	6.42	6.42
NCE-Solar	Sunil Bankatalal Desadla		1.1	100.00	1.10	1.78	1.78		1.14					1.14	0.00	0.00	0.00	0.00	6.40	6.40
NCE-Solar	Swaraj PVC Pipes Pvt LTd		1	100.00	1.00	1.45	1.45		0.93					0.93	0.00	0.00	0.00	0.00	6.41	6.41
NCE-Solar	Vikram Tea Processor Pvt Lt.		1.5	100.00	1.50	2.30	2.30		1.48					1.48	0.00	0.00	0.00	0.00	6.46	6.46
NCE-Solar	Virupa Renewable Energy		2	100.00	2.00	3.38	3.38		2.16					2.16	0.00	0.00	0.00	0.00	6.40	6.40
NCE-Solar	Western Precicast Pvt Ltd.		2	100.00	2.00	2.80	2.80		1.81					1.81	0.00	0.00	0.00	0.00	6.44	6.44
NCE-Solar	NCE - Bundled Power NVNL (solar) JNNM Ph 1		85.00	38.02	32.32	40.62	40.62		43.71					43.71	0.00	0.00	0.00	0.00	10.76	10.76
NCE-Solar	NCE - Bundled Power (Solar) (NTPC 400 MW)		400.00	70.55	282.20	560.17	560.17		269.32					269.32	0.00	0.00	0.00	0.00	4.81	4.81
NCE-Solar	GBI Claims receivable from IREDA 19-20													-8.08						
TOTAL NCE - Solar			2436.74		2266.26	4165.71	4165.71	0.00	2447.85	0.00	0.00	-8.08	2439.78	0.00	0.00	0.00	-0.02	5.88	5.88	
NCE-Others													0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL NCE - Others			0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total NCE	Total NCE		2579.59		2409.11	4415.26	4415.26	0.81	2563.69	0.00	0.00	-8.08	#####	0.00	0.00	0.00	-0.02	5.81	5.79	

Plant wise NCE Generation and Cost Details for Base Year. The total should be consistent with values provided in Form 1.4 under NCE.

TYPE	Name	Location	Plant Capacity (MW)	DISCOM's share (%)	DISCOM's share (MW)	Availability and Dispatch (MU)		Cost (Rs. Crs.)						Unit Cost (Rs. / kWh)					
						Net Availability	Dispatch	Fixed	Variable	Incen tive	Inc. Tax	Others	Total	Fixed	Incentiv es	Inc. Tax	Others	Variab le	Total
Bio-Mass	Gayatri Agro		6	100.00	6.00	22.53	22.53		15.31	0.00	0.00	0.00	15.31	0.00	0.00	0.00	0.00	6.79	6.79
Bio-Mass	Saro Power		6	100.00	6.00	0.00	0.00		0.00	0.00	0.00	0.52	0.52	0.00	0.00	0.00	0.00	0.00	0.00
Bio-Mass	Surya Teja		6	100.00	6.00	31.98	31.98		20.36	0.00	0.00	0.00	20.36	0.00	0.00	0.00	0.00	6.37	6.37
TOTAL Bio-mass			18.00		18.00	54.51	54.51	0.00	35.67	0.00	0.00	0.52	36.19	0.00	0.00	0.00	0.09	6.54	6.64
Bagasse	Ganapathi sugars		15.00	100.00	15.00	8.60	8.60		3.62				3.62	0.00	0.00	0.00	0.00	4.21	4.21
TOTAL Bagasse			15.00		15.00	8.60	8.60	0.00	3.62	0.00	0.00	0.00	3.62	0.00	0.00	0.00	0.00	4.21	4.21
Energy	Hyderabad MSW Energy		19.80	100.00	19.80	58.55	58.55		45.28			1.56	46.84	0.00	0.00	0.00	0.27	7.73	8.00
TOTAL Municipal Waste to Energy			19.80		19.80	58.55	58.55	0.00	45.28	0.00	0.00	1.56	46.84	0.00	0.00	0.00	0.27	7.73	8.00
Industrial Waste based power project	shravana power		7.50	100.00	7.50	35.99	35.99		22.06			0.63	22.69	0.00	0.00	0.00	0.18	6.13	6.30
TOTAL Industrial Waste			7.50		7.50	35.99	35.99	0.00	22.06	0.00	0.00	0.63	22.69	0.00	0.00	0.00	0.18	6.13	6.30
Wind Power	Mytra Vayu (WIND)		100.80	100.00	100.80	191.55	191.55		91.56			2.37	93.93	0.00	0.00	0.00	0.12	4.78	4.90
TOTAL Wind Power			100.80		100.80	191.55	191.55	0.00	91.56	0.00	0.00	2.37	93.93	0.00	0.00	0.00	0.12	4.78	4.90
Mini Hydel	Kallam Brothers		1.00	100.00	1.00	2.53	2.53	0.74					0.74	0.30	0.00	0.00	0.00	0.00	2.91
Mini Hydel	Srinivas Power (P) Ltd.,		0.55	100.00	0.55	0.30	0.30	0.08				0.0030	0.08	0.00	0.00	0.00	0.10	0.00	2.66
TOTAL Mini Hydel			1.55		1.55	2.83	2.83	0.81	0.00	0.00	0.00	0.00	0.82	2.87	0.00	0.00	0.01	0.00	2.89
NCE-Solar	Ramakrishna Industries		1.00	100.00	1.00	1.44	1.44		2.58			0.05	2.63	0.00	0.00	0.00	0.38	17.91	18.29
NCE-Solar	Bhavani Engineering		1.00	100.00	1.00	1.52	1.52		2.72			0.06	2.78	0.00	0.00	0.00	0.38	17.91	18.29
NCE-Solar	Photon Energy Systems Ltd.,		1.00	100.00	1.00	1.05	1.05		1.88			0.05	1.92	0.00	0.00	0.00	0.43	17.90	18.33
NCE-Solar	Andromeda Energy Techno		0.75	100.00	0.75	0.97	0.97		1.72			0.04	1.76	0.00	0.00	0.00	0.41	17.82	18.23
NCE-Solar	Jurala Solar Power Plant		1.00	100.00	1.00	1.21	1.21		2.17			0.05	2.22	0.00	0.00	0.00	0.39	17.91	18.30
NCE-Solar	Abhyudaya Green Economic Zones		4.00	100.00	4.00	5.34	5.34		3.42			0.00	3.42	0.00	0.00	0.00	0.00	6.41	6.41
NCE-Solar	Abijit Solar Energy Pvt Ltd		5.00	100.00	5.00	9.64	9.64		6.23			0.83	7.07	0.00	0.00	0.00	0.87	6.46	7.33
NCE-Solar	Achampet Solar Pvt Ltd		10.00	100.00	10.00	16.99	16.99		9.73			0.13	9.85	0.00	0.00	0.00	0.08	5.72	5.80
NCE-Solar	Acme Medak Solar Energy Pvt Ltd		45.00	100.00	45.00	89.13	89.13		49.82			0.15	49.97	0.00	0.00	0.00	0.02	5.59	5.61
NCE-Solar	Acme PV Powertech Pvt Ltd		50.00	100.00	50.00	99.54	99.54		55.65			0.87	56.52	0.00	0.00	0.00	0.09	5.59	5.68
NCE-Solar	ACME Solar Power		50.00	100.00	50.00	100.39	100.39		55.90			0.87	56.77	0.00	0.00	0.00	0.09	5.57	5.66
NCE-Solar	Ajay Kumar Ratilal Patel		2.00	100.00	2.00	3.23	3.23		1.85			0.54	2.39	0.00	0.00	0.00	1.67	5.72	7.39
NCE-Solar	Arun Vidyut Private Limited		5.00	100.00	5.00	9.39	9.39		6.40			0.11	6.51	0.00	0.00	0.00	0.12	6.81	6.93
NCE-Solar	Astonfield Solar (Rajasthan II) Pvt Ltd		2.00	100.00	2.00	3.38	3.38		2.15			1.18	3.34	0.00	0.00	0.00	3.50	6.38	9.88
NCE-Solar	Avighna Solarfarms Ltd		15.00	100.00	15.00	29.20	29.20		16.04			1.26	17.30	0.00	0.00	0.00	0.43	5.49	5.92
NCE-Solar	Bhagyanagar Green Energy Ltd.,		5.00	100.00	5.00	7.87	7.87		4.99			0.16	5.15	0.00	0.00	0.00	0.20	6.34	6.54
NCE-Solar	Chintapally Saibaba Energy Pvt. Ltd.,		2.00	100.00	2.00	1.28	1.28		0.81			0.12	0.93	0.00	0.00	0.00	0.92	6.29	7.21
NCE-Solar	Cleansolar Renewable Energy Pvt Ltd		30.00	100.00	30.00	53.12	53.12		36.41			0.24	36.66	0.00	0.00	0.00	0.05	6.86	6.90
NCE-Solar	Cybercity Builders (Rajapet)		5.00	100.00	5.00	9.53	9.53		6.43			0.20	6.63	0.00	0.00	0.00	0.21	6.75	6.96
NCE-Solar	Cybercity Builders (Nednoor)		5.00	100.00	5.00	9.30	9.30		6.41			0.24	6.65	0.00	0.00	0.00	0.25	6.90	7.15
NCE-Solar	Dartyens Powers Pvt Ltd		1.00	100.00	1.00	1.60	1.60		0.99			0.04	1.03	0.00	0.00	0.00	0.28	6.20	6.48
NCE-Solar	Dayakara Solar Power		30.00	100.00	30.00	59.20	59.20		40.49			0.37	40.86	0.00	0.00	0.00	0.06	6.84	6.90
NCE-Solar	Dinkar Technologies Pvt Ltd		24.94	100.00	24.94	40.52	40.52		20.81			0.27	21.08	0.00	0.00	0.00	0.07	5.14	5.20
NCE-Solar	Earth Solar Power		5.00	100.00	5.00	8.39	8.39		5.39			1.46	6.84	0.00	0.00	0.00	1.73	6.42	8.15
NCE-Solar	Energion Soleq (Sadashivpet)		50.00	100.00	50.00	95.56	95.56		53.19			0.37	53.56	0.00	0.00	0.00	0.04	5.57	5.61

TYPE	Name	Location	Plant Capacity	DISCOM's share	DISCOM's share	Availability and Dispatch (MU)		Cost (Rs. Crs.)						Unit Cost (Rs. / kWh)					
			(MW)	(%)	(MW)	Net Availability	Dispatch	Fixed	Variable	Incentive	Inc. Tax	Others	Total	Fixed	Incentives	Inc. Tax	Others	Variable	Total
NCE-Solar	Energion Soleq (Minpur)		50.00	100.00	50.00	98.63	98.63		54.70			0.25	54.94	0.00	0.00	0.00	0.03	5.55	5.57
NCE-Solar	Enrich Energy Private Limited		7.00	100.00	7.00	12.42	12.42		7.11			0.12	7.23	0.00	0.00	0.00	0.10	5.72	5.82
NCE-Solar	Essel Mining & Industries Ltd., Achampet		5.00	100.00	5.00	8.14	8.14		5.22			0.02	5.24	0.00	0.00	0.00	0.02	6.41	6.44
NCE-Solar	Essel Mining & Industries Ltd., Kalwakurthy		10.00	100.00	10.00	16.61	16.61		10.72			0.53	11.26	0.00	0.00	0.00	0.32	6.46	6.78
NCE-Solar	Essel Mining & Industries Ltd., Peddashankarampet		10.00	100.00	10.00	15.35	15.35		9.87			0.13	10.00	0.00	0.00	0.00	0.08	6.43	6.51
NCE-Solar	Essel Mining & Industries Ltd., Salakpur		10.00	100.00	10.00	16.48	16.48		10.65			0.29	10.95	0.00	0.00	0.00	0.18	6.47	6.64
NCE-Solar	GEA BGR Energy Systems Pvt Ltd		2.00	100.00	2.00	2.85	2.85		1.63			0.05	1.68	0.00	0.00	0.00	0.16	5.72	5.89
NCE-Solar	Ghanpur Solar Pvt Ltd		15.00	100.00	15.00	28.45	28.45		16.29			0.00	16.29	0.00	0.00	0.00	0.00	5.72	5.72
NCE-Solar	Global Coal & Mining (P) Ltd.,		10.00	100.00	10.00	17.05	17.05		11.10			0.28	11.38	0.00	0.00	0.00	0.16	6.51	6.67
NCE-Solar	Grahati Solar Energy		50.00	100.00	50.00	97.55	97.55		65.67			0.00	65.67	0.00	0.00	0.00	0.00	6.73	6.73
NCE-Solar	Gummadiala Solar Pvt Ltd		15.00	100.00	15.00	28.38	28.38		16.25			0.26	16.50	0.00	0.00	0.00	0.09	5.72	5.81
NCE-Solar	Haldiram Snacks Private Limited		10.00	100.00	10.00	17.10	17.10		11.25			0.26	11.51	0.00	0.00	0.00	0.15	6.58	6.73
NCE-Solar	International Solar		5.00	100.00	5.00	8.76	8.76		5.77			0.19	5.96	0.00	0.00	0.00	0.22	6.59	6.81
NCE-Solar	Jade solar Energy Pvt Ltd		1.00	100.00	1.00	1.48	1.48		0.95			0.18	1.14	0.00	0.00	0.00	1.23	6.42	7.66
NCE-Solar	Karvy Solar Power		20.00	100.00	20.00	34.90	34.90		23.18			0.27	23.45	0.00	0.00	0.00	0.08	6.64	6.72
NCE-Solar	Keerthi Estates Pvt Ltd (Kandagatla)		5.00	100.00	5.00	8.00	8.00		5.42			0.38	5.80	0.00	0.00	0.00	0.47	6.78	7.26
NCE-Solar	Keerthi Estates Pvt Ltd (Nagarkurnool)		10.00	100.00	10.00	17.82	17.82		12.07			0.34	12.41	0.00	0.00	0.00	0.19	6.77	6.97
NCE-Solar	Kirthi Power Solutions		1.99	100.00	1.99	2.59	2.59		1.65			0.28	1.92	0.00	0.00	0.00	1.07	6.34	7.41
NCE-Solar	Kranthi Edifice (P) Ltd		10.00	100.00	10.00	5.85	5.85		3.77			0.31	4.08	0.00	0.00	0.00	0.53	6.45	6.98
NCE-Solar	Mahabubnagar Solar Parks (P) Ltd.,		10.00	100.00	10.00	18.73	18.73		12.11			0.32	12.43	0.00	0.00	0.00	0.17	6.47	6.64
NCE-Solar	FS India Devco		10.00	100.00	10.00	15.34	15.34		9.92			0.37	10.30	0.00	0.00	0.00	0.24	6.47	6.71
NCE-Solar	Maheswari Mining (Kothagadi)		10.00	100.00	10.00	17.05	17.05		10.99			0.36	11.35	0.00	0.00	0.00	0.21	6.45	6.66
NCE-Solar	Maheswari Mining (Peerampally)		10.00	100.00	10.00	17.49	17.49		11.30			0.29	11.59	0.00	0.00	0.00	0.17	6.46	6.63
NCE-Solar	Mytrah Abhinav Power (Thimmajipet)		8.00	100.00	8.00	14.80	14.80		8.42			1.20	9.63	0.00	0.00	0.00	0.81	5.69	6.50
NCE-Solar	Mytrah Abhinav Power (Aravapally)		7.56	100.00	7.56	14.42	14.42		8.11			0.95	9.06	0.00	0.00	0.00	0.66	5.63	6.28
NCE-Solar	Mytrah Abhinav Power (Alampur)		11.00	100.00	11.00	20.18	20.18		11.55			0.34	11.90	0.00	0.00	0.00	0.17	5.72	5.90
NCE-Solar	Mytrah Abhinav Power (Gadwal)		15.00	100.00	15.00	29.15	29.15		16.38			0.21	16.59	0.00	0.00	0.00	0.07	5.62	5.69
NCE-Solar	Mytrah Abhinav Power (Nagarkurnool)		15.00	100.00	15.00	27.41	27.41		15.54			0.28	15.82	0.00	0.00	0.00	0.10	5.67	5.77
NCE-Solar	Mytrah Adarsh Power Pvt Ltd (Tunki Bollaram)		15.00	100.00	15.00	23.10	23.10		13.20			0.22	13.42	0.00	0.00	0.00	0.10	5.71	5.81
NCE-Solar	Mytrah Adarsh Power Pvt Ltd (Chegunta)		15.00	100.00	15.00	25.91	25.91		14.83			0.06	14.89	0.00	0.00	0.00	0.02	5.72	5.75
NCE-Solar	Mytrah Adarsh Power Pvt Ltd (Thungathurthy)		15.00	100.00	15.00	28.85	28.85		16.52			0.04	16.56	0.00	0.00	0.00	0.02	5.72	5.74
NCE-Solar	Mytrah Adarsh Power Pvt Ltd (Guntipally)		15.00	100.00	15.00	28.93	28.93		16.56			1.31	17.87	0.00	0.00	0.00	0.45	5.72	6.18
NCE-Solar	Mytrah Adarsh Power Pvt Ltd (Shanigaram)		15.00	100.00	15.00	28.98	28.98		16.57			1.73	18.30	0.00	0.00	0.00	0.60	5.72	6.32
NCE-Solar	Mytrah Abhinav Power (Tandur)		15.00	100.00	15.00	21.54	21.54		12.33			0.40	12.74	0.00	0.00	0.00	0.19	5.72	5.91
NCE-Solar	Mytrah Aakash Power Pvt Ltd(KM pally)		50.00	100.00	50.00	98.94	98.94		55.01			2.78	57.79	0.00	0.00	0.00	0.28	5.56	5.84
NCE-Solar	Mytrah Agriya Power (Wanaparthi)		50.00	100.00	50.00	72.50	72.50		40.28			0.26	40.54	0.00	0.00	0.00	0.04	5.56	5.59
NCE-Solar	Narbheram Vishram (AMPL Cleantech Pvt Ltd)		15.00	100.00	15.00	27.75	27.75		15.79			0.04	15.82	0.00	0.00	0.00	0.01	5.69	5.70
NCE-Solar	New ERA Enviro Ventures Kowdipally		8.00	100.00	8.00	14.73	14.73		9.46			0.04	9.49	0.00	0.00	0.00	0.02	6.42	6.45
NCE-Solar	Nirjara Solaire Urja		10.00	100.00	10.00	18.70	18.70		12.88			0.55	13.42	0.00	0.00	0.00	0.29	6.88	7.18
NCE-Solar	NV Vogt Solar One P Ltd		10.00	100.00	10.00	12.10	12.10		8.14			1.21	9.34	0.00	0.00	0.00	1.00	6.72	7.72
NCE-Solar	Orissa Power Consortium Ltd		3.00	100.00	3.00	4.14	4.14		2.64			1.12	3.76	0.00	0.00	0.00	2.70	6.38	9.08
NCE-Solar	Paramount Minerals		2.00	100.00	2.00	3.56	3.56		1.97			2.21	4.18	0.00	0.00	0.00	6.22	5.52	11.74
NCE-Solar	Prathamesh Solarfarms Ltd		50.00	100.00	50.00	104.45	104.45		58.27			0.37	58.64	0.00	0.00	0.00	0.04	5.58	5.61
NCE-Solar	Renew Saur Shakti Pvt Ltd (Minpur)		65.00	100.00	65.00	121.56	121.56		67.47			1.26	68.73	0.00	0.00	0.00	0.10	5.55	5.65
NCE-Solar	Rudra Solarfarms Ltd		15.00	100.00	15.00	29.51	29.51		16.50			0.86	17.35	0.00	0.00	0.00	0.29	5.59	5.88
NCE-Solar	Se Solar		100.00	100.00	100.00	203.91	203.91		113.64			0.28	113.92	0.00	0.00	0.00	0.01	5.57	5.59
NCE-Solar	Shalaka Infra-Tech(I) Private Ltd		15.00	100.00	15.00	22.69	22.69		12.91			0.09	13.00	0.00	0.00	0.00	0.04	5.69	5.73
NCE-Solar	S.R. Sun Power India Pvt Ltd (Midjil)		5.00	100.00	5.00	2.59	2.59		1.65			0.11	1.76	0.00	0.00	0.00	0.44	6.37	6.82

TYPE	Name	Location	Plant Capacity (MW)	DISCOM's share (%)	DISCOM's share (MW)	Availability and Dispatch (MU)		Cost (Rs. Crs.)						Unit Cost (Rs. / kWh)					
						Net Availability	Dispatch	Fixed	Variable	Incentive	Inc. Tax	Others	Total	Fixed	Incentives	Inc. Tax	Others	Variable	Total
NCE-Solar	Paramount Minerals & Chem Ltd		1.00	100.00	1.00	1.49	1.49		0.95			0.02	0.97	0.00	0.00	0.00	0.14	6.42	6.56
NCE-Solar	Pudhari Publications Pvt LTd (Z16)		1.00	100.00	1.00	1.48	1.48		0.95			0.02	0.97	0.00	0.00	0.00	0.14	6.40	6.55
NCE-Solar	Pudhari Publications Pvt LTd Ph - II (Z 22)		1.00	100.00	1.00	1.41	1.41		0.90			0.02	0.92	0.00	0.00	0.00	0.15	6.39	6.54
NCE-Solar	Pudhari Publications Pvt LTd Ph - III (Z 23)		2.00	100.00	2.00	2.81	2.81		1.80			0.04	1.84	0.00	0.00	0.00	0.14	6.42	6.56
NCE-Solar	Ravindra K. Reshamwala		1.00	100.00	1.00	1.48	1.48		0.95			0.02	0.97	0.00	0.00	0.00	0.14	6.45	6.59
NCE-Solar	Sanjay Mohanlal Bafna		1.10	100.00	1.10	1.74	1.74		1.11			0.03	1.14	0.00	0.00	0.00	0.15	6.36	6.51
NCE-Solar	Sansui Electronics Unit II		1.05	100.00	1.05	1.75	1.75		1.13			0.03	1.16	0.00	0.00	0.00	0.16	6.45	6.61
NCE-Solar	Sapphire Proventures P Ltd		1.00	100.00	1.00	1.39	1.39		0.89			0.02	0.91	0.00	0.00	0.00	0.15	6.37	6.51
NCE-Solar	Saraswati Industries		1.00	100.00	1.00	1.42	1.42		0.91			0.02	0.93	0.00	0.00	0.00	0.14	6.41	6.56
NCE-Solar	Shreyalaxmi Properties		1.00	100.00	1.00	1.42	1.42		0.90			0.02	0.92	0.00	0.00	0.00	0.14	6.33	6.47
NCE-Solar	Sliver Line Investment Co. Pvt LTd		1.00	100.00	1.00	1.48	1.48		0.95			0.02	0.97	0.00	0.00	0.00	0.13	6.41	6.54
NCE-Solar	Sunil Bankatala Desadla		1.10	100.00	1.10	1.76	1.76		1.12			0.03	1.15	0.00	0.00	0.00	0.16	6.38	6.54
NCE-Solar	Swaraj PVC Pipes Pvt LTd		1.00	100.00	1.00	1.45	1.45		0.93			0.02	0.95	0.00	0.00	0.00	0.14	6.41	6.55
NCE-Solar	Vikram Tea Processor Pvt Lt.		1.50	100.00	1.50	2.29	2.29		1.48			0.03	1.51	0.00	0.00	0.00	0.14	6.44	6.57
NCE-Solar	Virupa Renewable Energy		2.00	100.00	2.00	3.30	3.30		2.11			0.05	2.16	0.00	0.00	0.00	0.15	6.40	6.54
NCE-Solar	Western Precicast Pvt Ltd.		2.00	100.00	2.00	2.78	2.78		1.78			0.04	1.82	0.00	0.00	0.00	0.14	6.42	6.56
NCE-Solar	NCE - Bundled Power NVVNL (solar) JNNSM Ph 1		85.00	38.02	32.32	36.53	36.53		39.24				39.24	0.00	0.00	0.00	0.00	10.74	10.74
NCE-Solar	NCE - Bundled Power (Solar) (NTPC 400 MW)		400.00	70.55	282.20	575.01	575.01		276.54			52.21	328.75	0.00	0.00	0.00	0.91	4.81	5.72
NCE-Solar	Provisions 19-20											-53.46	-53.46	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL NCE - Solar			2436.74		2266.26	4164.54	4164.54	0.00	2440.83	0.00	0.00	47.50	2488.33	0.00	0.00	0.00	0.11	5.86	5.98
Total NCE			2599.39		2428.91	4516.58	4516.58	0.81	2639.02	0.00	0.00	52.58	2692.41	0.00	0.00	0.00	0.12	5.84	5.96

Plant wise NCE Generation and Cost Details for Base Year. The total should be consistent with values provided in Form 1.4 under NCE.

TYPE	Name	Location	Plant Capacity (MW)	DISCOM's share (%)	DISCOM's share (MW)	Availability and Dispatch (MU)		Cost (Rs. Crs.)						Unit Cost (Rs. / kWh)					
						Net Availability	Dispatch	Fixed	Variable	Incentive	Inc. Tax	Others	Total	Fixed	Incentives	Inc. Tax	Others	Variable	Total
Bio-Mass	Surya Teja		6.00	100.00	6.00	35.04	35.04		22.55				22.55	0.00	0.00	0.00	0.00	6.44	6.44
TOTAL Bio-mass			6.00		6.00	35.04	35.04	0.00	22.55	0.00	0.00	0.00	22.55	0.00	0.00	0.00	0.00	6.44	6.44
Bagasse	M/s Ganpati Sugar Industries Ltd.		15.00	100.00	15.00	8.60	8.60		4.42				4.42	0.00	0.00	0.00	0.00	5.13	5.13
TOTAL Bagasse			15.00		15.00	8.60	8.60	0.00	4.42	0.00	0.00	0.00	4.42	0.00	0.00	0.00	0.00	5.13	5.13
Municipal Waste to Energy	M/s Hyderabad MSW Energy Solutions Private Limited		19.80	100.00	19.80	125.81	125.81		81.52				81.52	0.00	0.00	0.00	0.00	6.48	6.48
TOTAL Municipal Waste to Energy			19.80		19.80	125.81	125.81	0.00	81.52	0.00	0.00	0.00	81.52	0.00	0.00	0.00	0.00	6.48	6.48
Industrial Waste based power project	M/s Shravana Power Pvt Ltd		7.50	100.00	7.50	41.85	41.85		27.63				27.63	0.00	0.00	0.00	0.00	6.60	6.60
TOTAL Industrial Waste			7.50		7.50	41.85	41.85	0.00	27.63	0.00	0.00	0.00	27.63	0.00	0.00	0.00	0.00	6.60	6.60
Wind Power	M/s Myrah Vayu (Godavari) Private Limited		100.80	100.00	100.80	202.39	202.39		94.75				94.75	0.00	0.00	0.00	0.00	4.68	4.68
Wind Power	M/s Clean Wind Power (Anantapur) Private Limited		27.30	100.00	27.30	16.60	16.60		4.63				4.63	0.00	0.00	0.00	0.00	2.79	2.79
TOTAL Wind Power			128.10		128.10	219.00	219.00	0.00	99.38	0.00	0.00	0.00	99.38	0.00	0.00	0.00	0.00	4.54	4.54
Mini Hydel	M/s Kallam Brothers Cottons Private Limited		1.00	100.00	1.00	0.04	0.04	0.01					0.01	14.66	0.00	0.00	0.00	0.00	1.79
Mini Hydel	M/s Srinivasa Power Pvt Ltd		0.55	100.00	0.55	0.24	0.24	0.05					0.05	0.00	0.00	0.00	0.00	0.00	2.15
TOTAL Mini Hydel			1.55		1.55	0.28	0.28	0.06	0.00	0.00	0.00	0.00	0.06	2.10	0.00	0.00	0.00	0.00	2.10
NCE-Solar	M/s Andromeda Energy Technologies Private Limited		0.75	100.00	0.75	0.97	0.97		1.10				1.10	0.00	0.00	0.00	0.00	11.26	11.26
NCE-Solar	M/s Photon Energy Systems Ltd.		1.00	100.00	1.00	0.93	0.93		1.05				1.05	0.00	0.00	0.00	0.00	11.25	11.25
NCE-Solar	M/s Bhavani Engineering		1.00	100.00	1.00	1.49	1.49		1.73				1.73	0.00	0.00	0.00	0.00	11.64	11.64
NCE-Solar	M/s Telangana Power Generation Corporation Ltd		1.00	100.00	1.00	1.19	1.19		1.37				1.37	0.00	0.00	0.00	0.00	11.51	11.51
NCE-Solar	M/s Ramakrishna Industries		1.00	100.00	1.00	1.39	1.39		1.57				1.57	0.00	0.00	0.00	0.00	11.28	11.28
NCE-Solar	Essel Mining and Industries Ltd (Achampet)		5.00	100.00	5.00	7.93	7.93		5.12				5.12	0.00	0.00	0.00	0.00	6.45	6.45
NCE-Solar	Essel Mining and Industries Ltd (Kalwakurthy)		10.00	100.00	10.00	16.45	16.45		10.65				10.65	0.00	0.00	0.00	0.00	6.47	6.47
NCE-Solar	M/s Essel Mining and Industries Ltd (Peddashankarampet)		10.00	100.00	10.00	14.93	14.93		9.65				9.65	0.00	0.00	0.00	0.00	6.46	6.46
NCE-Solar	SSJ Power Projects & Infrastructures Pvt Ltd		5.00	100.00	5.00	6.72	6.72		4.30				4.30	0.00	0.00	0.00	0.00	6.40	6.40
NCE-Solar	M/s Photon Solar Power Private Limited		5.00	100.00	5.00	5.86	5.86		3.86				3.86	0.00	0.00	0.00	0.00	6.60	6.60
NCE-Solar	Starlite Global Enterprises (India) Ltd.,		3.00	100.00	3.00	4.99	4.99		3.22				3.22	0.00	0.00	0.00	0.00	6.45	6.45
NCE-Solar	M/s Ushas Ventures Private Limited		8.00	100.00	8.00	12.02	12.02		7.73				7.73	0.00	0.00	0.00	0.00	6.43	6.43
NCE-Solar	M/s Tri Solar (SPV M/s SR Constructions)		5.00	100.00	5.00	8.21	8.21		5.29				5.29	0.00	0.00	0.00	0.00	6.45	6.45
NCE-Solar	M/s Chintapally Saibaba Energy Pvt.Ltd (SPV of M/s.P.V.K Engineers Pvt Ltd)		2.00	100.00	2.00	2.08	2.08		1.30				1.30	0.00	0.00	0.00	0.00	6.24	6.24
NCE-Solar	M/s Premier Photovoltaic (Medak) Private Limited (Digwal)		8.00	100.00	8.00	13.20	13.20		8.51				8.51	0.00	0.00	0.00	0.00	6.44	6.44
NCE-Solar	M/s Premier Photovoltaic (Medak) Private Limited (Narsingi)		8.00	100.00	8.00	11.87	11.87		7.64				7.64	0.00	0.00	0.00	0.00	6.44	6.44
NCE-Solar	M/s Platinum Solar Private Limited (Sulochana Agro & Infratech Pvt Ltd)		2.00	100.00	2.00	3.74	3.74		2.41				2.41	0.00	0.00	0.00	0.00	6.45	6.45
NCE-Solar	M/s. Kirithi Power Solutions Pvt Ltd		1.99	100.00	1.99	3.05	3.05		1.95				1.95	0.00	0.00	0.00	0.00	6.39	6.39
NCE-Solar	M/s Pennar Renewables Private Limited (formerly New Era Enviro Ventures (Karimnagar) Private Limited (Kowdipally)		8.00	100.00	8.00	14.50	14.50		9.33				9.33	0.00	0.00	0.00	0.00	6.44	6.44
NCE-Solar	M/s Orissa Power Consortium Limited		3.00	100.00	3.00	4.05	4.05		2.60				2.60	0.00	0.00	0.00	0.00	6.42	6.42
NCE-Solar	M/s Dartyens Power Pvt. Ltd.		1.00	100.00	1.00	1.18	1.18		0.75				0.75	0.00	0.00	0.00	0.00	6.35	6.35
NCE-Solar	M/s Sri Ramcharan Energy & Infra Private Limited (SPV of Sri Ramcharan Power Projects)		10.00	100.00	10.00	17.28	17.28		10.90				10.90	0.00	0.00	0.00	0.00	6.31	6.31
NCE-Solar	M/s Kranthi Edifice Pvt Ltd		10.00	100.00	10.00	5.39	5.39		3.48				3.48	0.00	0.00	0.00	0.00	6.45	6.45
NCE-Solar	M/s SR SUN Power India Private Limited (SPV of SR Construction) Makthal		5.00	100.00	5.00	2.35	2.35		1.50				1.50	0.00	0.00	0.00	0.00	6.39	6.39
NCE-Solar	M/s SR SUN Power India Private Limited (SPV of SR Construction) Midjil		5.00	100.00	5.00	2.59	2.59		1.65				1.65	0.00	0.00	0.00	0.00	6.36	6.36
NCE-Solar	M/s Astonfield Solar (Rajasthan-II) Pvt Ltd		2.00	100.00	2.00	3.40	3.40		2.18				2.18	0.00	0.00	0.00	0.00	6.41	6.41
NCE-Solar	M/s Essel Mining & Industries Ltd (Salankpur)		10.00	100.00	10.00	16.26	16.26		10.37				10.37	0.00	0.00	0.00	0.00	6.38	6.38

NCE-Solar	M/s L. B. Kunjir (Customer of M/s Enrich Energy)	2.00	100.00	2.00	2.91	2.91	1.85	1.85	0.00	0.00	0.00	0.00	0.00	6.37	6.37
NCE-Solar	M/s Vikram Tea Processor Pvt Ltd (Customer of M/s Enrich Energy)	1.50	100.00	1.50	2.28	2.28	1.47	1.47	0.00	0.00	0.00	0.00	0.00	6.45	6.45
NCE-Solar	M/s Marudhar Fashions (Customer of M/s Enrich Energy)	1.00	100.00	1.00	1.47	1.47	0.94	0.94	0.00	0.00	0.00	0.00	0.00	6.41	6.41
NCE-Solar	M/s D.J. Malpani (Customer of M/s Enrich Energy)	16.25	100.00	16.25	25.59	25.59	16.41	16.41	0.00	0.00	0.00	0.00	0.00	6.41	6.41
NCE-Solar	M/s Paramount Minerals & Chemicals Limited (Customer of M/s Enrich Energy)	1.00	100.00	1.00	1.48	1.48	0.96	0.96	0.00	0.00	0.00	0.00	0.00	6.44	6.44
NCE-Solar	M/s Agarwal Enterprises (Customer of M/s Enrich Energy)	1.00	100.00	1.00	1.48	1.48	0.95	0.95	0.00	0.00	0.00	0.00	0.00	6.45	6.45
NCE-Solar	M/s Ravindra K. Reshamwala (Customer of M/s Enrich Energy)	1.00	100.00	1.00	1.47	1.47	0.95	0.95	0.00	0.00	0.00	0.00	0.00	6.44	6.44
NCE-Solar	Silver Line Investment Company Private Limited(Customer of M/s Enrich Energy)	1.00	100.00	1.00	1.48	1.48	0.95	0.95	0.00	0.00	0.00	0.00	0.00	6.44	6.44
NCE-Solar	M/s Saraswati Industries (Customer of M/s Enrich Energy)	1.00	100.00	1.00	1.41	1.41	0.91	0.91	0.00	0.00	0.00	0.00	0.00	6.43	6.43
NCE-Solar	M/s Govindram Shobharam & Co (Customer of M/s Enrich Energy)	1.00	100.00	1.00	1.43	1.43	0.92	0.92	0.00	0.00	0.00	0.00	0.00	6.45	6.45
NCE-Solar	M/s Mahalingashetty & Co. Limited (Customer of M/s Enrich Energy)	1.00	100.00	1.00	1.50	1.50	0.96	0.96	0.00	0.00	0.00	0.00	0.00	6.45	6.45
NCE-Solar	M/s Swaraj P.V.C. Pipes Private Limited	1.00	100.00	1.00	1.46	1.46	0.94	0.94	0.00	0.00	0.00	0.00	0.00	6.44	6.44
NCE-Solar	M/s Sansui Electronics Unit II	1.05	100.00	1.05	1.77	1.77	1.14	1.14	0.00	0.00	0.00	0.00	0.00	6.45	6.45
NCE-Solar	M/s Jsons Foundry Private Limited	1.00	100.00	1.00	1.43	1.43	0.92	0.92	0.00	0.00	0.00	0.00	0.00	6.42	6.42
NCE-Solar	M/s Pudhari Publications Pvt Ltd	1.00	100.00	1.00	1.48	1.48	0.95	0.95	0.00	0.00	0.00	0.00	0.00	6.44	6.44
NCE-Solar	M/s Associated ceramics Limited	1.00	100.00	1.00	1.37	1.37	0.87	0.87	0.00	0.00	0.00	0.00	0.00	6.37	6.37
NCE-Solar	M/s Sunil B. Desadla	1.10	100.00	1.10	1.76	1.76	1.13	1.13	0.00	0.00	0.00	0.00	0.00	6.41	6.41
NCE-Solar	M/s Pudhari Publications Private Lts – III	2.00	100.00	2.00	2.80	2.80	1.80	1.80	0.00	0.00	0.00	0.00	0.00	6.42	6.42
NCE-Solar	M/s Jsons Foundry Private Limited	3.00	100.00	3.00	4.40	4.40	2.81	2.81	0.00	0.00	0.00	0.00	0.00	6.39	6.39
NCE-Solar	M/s Shreyalaxmi	1.00	100.00	1.00	1.41	1.41	0.90	0.90	0.00	0.00	0.00	0.00	0.00	6.38	6.38
NCE-Solar	M/s Sanjay M Bafna	1.10	100.00	1.10	1.76	1.76	1.12	1.12	0.00	0.00	0.00	0.00	0.00	6.38	6.38
NCE-Solar	M/s Marudhar Fashions	1.00	100.00	1.00	1.39	1.39	0.89	0.89	0.00	0.00	0.00	0.00	0.00	6.40	6.40
NCE-Solar	M/s Sapphire Proventures Pvt Ltd	1.00	100.00	1.00	1.40	1.40	0.90	0.90	0.00	0.00	0.00	0.00	0.00	6.40	6.40
NCE-Solar	M/s Advik Hi Tech Ovt Ltd	3.00	100.00	3.00	4.36	4.36	2.78	2.78	0.00	0.00	0.00	0.00	0.00	6.37	6.37
NCE-Solar	M/s Harsha Construction	1.00	100.00	1.00	1.38	1.38	0.88	0.88	0.00	0.00	0.00	0.00	0.00	6.39	6.39
NCE-Solar	M/s Westren Precicast Pvt Ltd	2.00	100.00	2.00	2.60	2.60	1.67	1.67	0.00	0.00	0.00	0.00	0.00	6.42	6.42
NCE-Solar	M/s Pudhari Publications Private Ltd –II	1.00	100.00	1.00	1.40	1.40	0.90	0.90	0.00	0.00	0.00	0.00	0.00	6.39	6.39
NCE-Solar	M/s Enrich Energy Private Limited	3.00	100.00	3.00	4.67	4.67	2.97	2.97	0.00	0.00	0.00	0.00	0.00	6.36	6.36
NCE-Solar	M/s Arnnav Renewable Energy Private Limited (formerly Abbus Construction Pvt Ltd)	2.50	100.00	2.50	4.24	4.24	2.71	2.71	0.00	0.00	0.00	0.00	0.00	6.41	6.41
NCE-Solar	M/s Virupa Renewable Energy Private Limited (originally held by Enrich Energy Private Limited)	2.00	100.00	2.00	3.14	3.14	2.01	2.01	0.00	0.00	0.00	0.00	0.00	6.40	6.40
NCE-Solar	M/s Bhagyanagar Green Energy Limited	5.00	100.00	5.00	7.57	7.57	4.83	4.83	0.00	0.00	0.00	0.00	0.00	6.38	6.38
NCE-Solar	M/s FS India Devco (formerly Marikal Solar Parks Private Limited)	10.00	100.00	10.00	18.54	18.54	12.01	12.01	0.00	0.00	0.00	0.00	0.00	6.48	6.48
NCE-Solar	M/s Mahaboobnagar Solar Parks Private Limited	10.00	100.00	10.00	18.77	18.77	12.16	12.16	0.00	0.00	0.00	0.00	0.00	6.48	6.48
NCE-Solar	M/s Rays Power Infra Private Limited	2.00	100.00	2.00	2.45	2.45	1.59	1.59	0.00	0.00	0.00	0.00	0.00	6.49	6.49
NCE-Solar	M/s Sunborne Energy Andhra Private Limited	35.00	100.00	35.00	70.21	70.21	45.09	45.09	0.00	0.00	0.00	0.00	0.00	6.42	6.42
NCE-Solar	M/s Maheswari Mining & Energy Pvt. Limited (Peerampally)	10.00	100.00	10.00	16.89	16.89	10.90	10.90	0.00	0.00	0.00	0.00	0.00	6.45	6.45
NCE-Solar	M/s Maheswari Mining & Energy Pvt. Limited (Kothagadi)	10.00	100.00	10.00	16.29	16.29	10.51	10.51	0.00	0.00	0.00	0.00	0.00	6.45	6.45
NCE-Solar	M/s Earth Solar Private Limited	5.00	100.00	5.00	7.48	7.48	4.81	4.81	0.00	0.00	0.00	0.00	0.00	6.43	6.43
NCE-Solar	M/s Abhyudaya Green Economic Zones	4.00	100.00	4.00	4.97	4.97	3.19	3.19	0.00	0.00	0.00	0.00	0.00	6.41	6.41
NCE-Solar	M/s Polepally Solar Parks Private Limited	25.00	100.00	25.00	44.61	44.61	28.67	28.67	0.00	0.00	0.00	0.00	0.00	6.43	6.43
NCE-Solar	M/s Jade Solar Energy Private Limited	1.00	100.00	1.00	1.39	1.39	0.90	0.90	0.00	0.00	0.00	0.00	0.00	6.45	6.45
NCE-Solar	M/s Vigneswara Thermal Power Private Limited (SPV of Vigneswara Power Private Limited)	10.00	100.00	10.00	19.30	19.30	12.45	12.45	0.00	0.00	0.00	0.00	0.00	6.45	6.45
NCE-Solar	M/s Abijit Solar Energy Private Limited	5.00	100.00	5.00	9.53	9.53	6.15	6.15	0.00	0.00	0.00	0.00	0.00	6.45	6.45
NCE-Solar	M/s RGS Solar Power Private Limited (SPV of R N Jewels Private Limited)	7.00	100.00	7.00	12.28	12.28	7.65	7.65	0.00	0.00	0.00	0.00	0.00	6.23	6.23
NCE-Solar	M/s Haldiram Snacks Private Limited	10.00	100.00	10.00	16.95	16.95	11.18	11.18	0.00	0.00	0.00	0.00	0.00	6.60	6.60
NCE-Solar	M/s SS Indus Solar Energy Pvt Ltd	2.00	100.00	2.00	3.60	3.60	2.33	2.33	0.00	0.00	0.00	0.00	0.00	6.49	6.49
NCE-Solar	M/s Pemmasani Solar Power Private Limited (SPV of M/s Sri Luxmi Agro Paper Private Limited)	10.00	100.00	10.00	18.82	18.82	12.60	12.60	0.00	0.00	0.00	0.00	0.00	6.69	6.69
NCE-Solar	M/s SP Solren Private Limited (SPV of M/s Shapoorji Pallonji Infrastructure Capital Company Limited)	10.00	100.00	10.00	17.95	17.95	12.21	12.21	0.00	0.00	0.00	0.00	0.00	6.80	6.80

NCE-Solar	M/s Vcarve Renewable Energy Private Limited (SPV of Global Associates INC)		3.00	100.00	3.00	5.50	5.50		3.69			3.69	0.00	0.00	0.00	0.00	6.72	6.72
NCE-Solar	M/s Prime Life Space Consultancy Private Limited		3.00	100.00	3.00	4.32	4.32		2.92			2.92	0.00	0.00	0.00	0.00	6.75	6.75
NCE-Solar	M/s Arun Vidyuth Private Limited (SPV of M/s Sai Achyuth Energy Pvt Limited)		5.00	100.00	5.00	9.28	9.28		6.33			6.33	0.00	0.00	0.00	0.00	6.82	6.82
NCE-Solar	M/s Global Coal & Mining Pvt Ltd		10.00	100.00	10.00	16.83	16.83		10.95			10.95	0.00	0.00	0.00	0.00	6.51	6.51
NCE-Solar	M/s Winsol Solar Fields (Polepally) Private Limited (SPV of M/s First Solar Power India Private Limited) Tandur		10.00	100.00	10.00	54.06	54.06		35.16			35.16	0.00	0.00	0.00	0.00	6.50	6.50
NCE-Solar	M/s International Solar Corporation Private Limited		5.00	100.00	5.00	8.74	8.74		5.76			5.76	0.00	0.00	0.00	0.00	6.59	6.59
NCE-Solar	M/s Suraj Impex India Pvt. Limited		2.00	100.00	2.00	3.17	3.17		2.11			2.11	0.00	0.00	0.00	0.00	6.64	6.64
NCE-Solar	M/s Shining Sun Power (Telangana) Private Limited (SPV of M/s Rays Power Infra Pvt Ltd)		10.00	100.00	10.00	17.60	17.60		11.53			11.53	0.00	0.00	0.00	0.00	6.55	6.55
NCE-Solar	M/s Karvy Solar Power Limited (SPV of M/s Karvy Consultants Limited)		20.00	100.00	20.00	34.58	34.58		23.08			23.08	0.00	0.00	0.00	0.00	6.67	6.67
NCE-Solar	M/s Renew Akshay Urja Private Limited (SPV of M/s Renew Solar Power Pvt Limited)		100.00	100.00	100.00	153.68	153.68		96.08			96.08	0.00	0.00	0.00	0.00	6.25	6.25
NCE-Solar	M/s Renew Akshay Urja Private Limited (SPV of M/s Renew Solar Power Pvt Limited)		24.00	100.00	24.00	40.96	40.96		27.80			27.80	0.00	0.00	0.00	0.00	6.79	6.79
NCE-Solar	M/s NV Vogt Solar One Private Limited (SPV of M/s NV Vogt Singapore PTE Ltd).		10.00	100.00	10.00	14.44	14.44		9.76			9.76	0.00	0.00	0.00	0.00	6.76	6.76
NCE-Solar	M/s Talettutayi Solar Projects Private Lts.		10.00	100.00	10.00	16.81	16.81		11.57			11.57	0.00	0.00	0.00	0.00	6.88	6.88
NCE-Solar	M/s Nirjara Solaire Urja Private Limited (SPV of M/s Solairedirect Energy India Private Limited)		10.00	100.00	10.00	18.35	18.35		12.64			12.64	0.00	0.00	0.00	0.00	6.89	6.89
NCE-Solar	M/s Cleansolar Renewable Energy Private Limited (SPV of Mahindra EPC Services Private Limited)		30.00	100.00	30.00	52.22	52.22		35.86			35.86	0.00	0.00	0.00	0.00	6.87	6.87
NCE-Solar	Winsol Solar Fields (Polepally) Private Limited (Karoor) (M/s First Solar Power India Private Limited)		15.00	100.00	15.00	29.24	29.24		19.22			19.22	0.00	0.00	0.00	0.00	6.57	6.57
NCE-Solar	M/s Dayakara Solar Power Private Limited (SPV of ACME Solar Energy Pvt Ltd)		30.00	100.00	30.00	58.52	58.52		40.06			40.06	0.00	0.00	0.00	0.00	6.85	6.85
NCE-Solar	M/s Grahati Solar Energy Private Limited (SPV of ACME Solar Energy Pvt Ltd)		50.00	100.00	50.00	97.38	97.38		65.61			65.61	0.00	0.00	0.00	0.00	6.74	6.74
NCE-Solar	M/s Photon Solar Power Private Limited (SPV of M/s Photon Energy Systems Limited)		5.00	100.00	5.00	5.68	5.68		3.68			3.68	0.00	0.00	0.00	0.00	6.47	6.47
NCE-Solar	M/s Sparkman Solar Energy Private Limited (SPV of Spark Infra Advisors India Pvt Ltd)		2.00	100.00	2.00	3.52	3.52		2.38			2.38	0.00	0.00	0.00	0.00	6.75	6.75
NCE-Solar	M/s Cybercity Builders and Developers Pvt Ltd (Rajapet)		5.00	100.00	5.00	9.39	9.39		6.34			6.34	0.00	0.00	0.00	0.00	6.75	6.75
NCE-Solar	M/s Keerthi Estates Pvt. Ltd (Kandagatla)		5.00	100.00	5.00	8.04	8.04		5.48			5.48	0.00	0.00	0.00	0.00	6.82	6.82
NCE-Solar	M/s Cybercity Builders and Developers Pvt Ltd (Nedunur)		5.00	100.00	5.00	9.27	9.27		6.40			6.40	0.00	0.00	0.00	0.00	6.90	6.90
NCE-Solar	M/s Keerthi Estates Pvt. Ltd (Nagarkurnool)		10.00	100.00	10.00	17.29	17.29		11.72			11.72	0.00	0.00	0.00	0.00	6.78	6.78
NCE-Solar	M/s Rohini Solares Private Limited (SPV of Minopharm Laboratories Pvt Limited)		5.00	100.00	5.00	6.69	6.69		4.55			4.55	0.00	0.00	0.00	0.00	6.80	6.80
NCE-Solar	M/s Winsol Solar Fields (Polepally) Private Limited (SPV of First Solar Power India Private Limited)		50.00	100.00	50.00	57.74	57.74		37.60			37.60	0.00	0.00	0.00	0.00	6.51	6.51
NCE-Solar	M/s Suprasanna Solaire Energy Private Limited (SPV of M/s Solairedirect Energy India Private Limited)		20.00	100.00	20.00	37.43	37.43		24.60			24.60	0.00	0.00	0.00	0.00	6.57	6.57
NCE-Solar	M/s Rudra Solar Farms Ltd (SPV of M/s Suzlon Energy Limited)		15.00	100.00	15.00	29.28	29.28		16.39			16.39	0.00	0.00	0.00	0.00	5.60	5.60
NCE-Solar	M/s Mytrah Abhinav Power Private Ltd (Gadwal SS)		15.00	100.00	15.00	27.75	27.75		15.56			15.56	0.00	0.00	0.00	0.00	5.61	5.61
NCE-Solar	M/s Mytrah Engery (I) Ltd (Nagar Kurnool SS)		15.00	100.00	15.00	26.56	26.56		15.03			15.03	0.00	0.00	0.00	0.00	5.66	5.66
NCE-Solar	M/s Mytrah Abhinav Power Private Ltd (Thimmajipet SS)		8.00	100.00	8.00	14.37	14.37		8.17			8.17	0.00	0.00	0.00	0.00	5.69	5.69
NCE-Solar	M/s Mytrah Abhinav Power Private Ltd (Alampur SS)		11.00	100.00	11.00	20.29	20.29		11.58			11.58	0.00	0.00	0.00	0.00	5.71	5.71
NCE-Solar	M/s Ghanpur Solar Pvt Ltd (SPV of M/s Solar Pack Corporation Technologies S.L.)		15.00	100.00	15.00	27.98	27.98		16.00			16.00	0.00	0.00	0.00	0.00	5.72	5.72
NCE-Solar	M/s Achampet Solar Pvt Ltd (SPV of M/s Solar Pack Corporation Technologies S.L.)		10.00	100.00	10.00	16.55	16.55		9.46			9.46	0.00	0.00	0.00	0.00	5.72	5.72
NCE-Solar	M/s GEA BGR Energy System India Ltd		2.00	100.00	2.00	3.39	3.39		1.94			1.94	0.00	0.00	0.00	0.00	5.72	5.72
NCE-Solar	M/s Avighna Solar Farms Ltd (SPV of M/s Suzlon Energy Limited)		15.00	100.00	15.00	27.87	27.87		15.32			15.32	0.00	0.00	0.00	0.00	5.50	5.50
NCE-Solar	M/s AMPL Cleantech Private Limited (formerly Narbheram Vishram)		15.00	100.00	15.00	28.01	28.01		16.02			16.02	0.00	0.00	0.00	0.00	5.72	5.72
NCE-Solar	M/s Mytrah Abhinav Power Private Limited (Arvapally SS)		7.56	100.00	7.56	14.28	14.28		7.89			7.89	0.00	0.00	0.00	0.00	5.53	5.53
NCE-Solar	M/s Mytrah Adarsh Power Private Limited (Guntipally SS)		15.00	100.00	15.00	27.01	27.01		15.46			15.46	0.00	0.00	0.00	0.00	5.72	5.72

NCE-Solar	M/s Mytrah Adarsh Power Private Ltd (Thungaturthy SS)	15.00	100.00	15.00	27.12	27.12	15.53				15.53	0.00	0.00	0.00	0.00	5.72	5.72
NCE-Solar	M/s Shalaka Infra-Tech (I) Pvt Ltd	15.00	100.00	15.00	19.93	19.93	11.40				11.40	0.00	0.00	0.00	0.00	5.72	5.72
NCE-Solar	M/s Mytrah Adarsh Power Private Ltd (Thunkibollaram SS)	15.00	100.00	15.00	21.88	21.88	12.50				12.50	0.00	0.00	0.00	0.00	5.71	5.71
NCE-Solar	M/s Mytrah Adarsh Power Private Ltd (Chegunta SS)	15.00	100.00	15.00	25.19	25.19	14.42				14.42	0.00	0.00	0.00	0.00	5.72	5.72
NCE-Solar	M/s Ajay Kumar Ratilal Patel	2.00	100.00	2.00	3.13	3.13	1.79				1.79	0.00	0.00	0.00	0.00	5.72	5.72
NCE-Solar	M/s Gummadidala Solar Pvt Ltd (SPV of M/s Solar Pack Corporation Technologies S.L.)	15.00	100.00	15.00	26.51	26.51	15.18				15.18	0.00	0.00	0.00	0.00	5.72	5.72
NCE-Solar	M/s Thukapur Solar Pvt Ltd (SPV of M/s Solar Pack Corporation Technologies S.L.)	15.00	100.00	15.00	28.72	28.72	16.44				16.44	0.00	0.00	0.00	0.00	5.72	5.72
NCE-Solar	M/s Enrich Energy Pvt Ltd (Turmamidi SS)	7.00	100.00	7.00	12.36	12.36	7.08				7.08	0.00	0.00	0.00	0.00	5.72	5.72
NCE-Solar	M/s Paramount Minerals & Chemicals Limited	2.00	100.00	2.00	3.56	3.56	1.98				1.98	0.00	0.00	0.00	0.00	5.55	5.55
NCE-Solar	M/s Mytrah Engery (I) Ltd (Tandur SS)	15.00	100.00	15.00	21.20	21.20	12.14				12.14	0.00	0.00	0.00	0.00	5.72	5.72
NCE-Solar	M/s Mytrah Engery (I) Ltd (Wanaparthy SS) (50MW)	50.00	100.00	50.00	73.53	73.53	39.41				39.41	0.00	0.00	0.00	0.00	5.36	5.36
NCE-Solar	M/s Transform Sun Energy Pvt Ltd (SPV of M/s Shapoorji Pallonji Infrastructure Capital Company Private Ltd..)	100.00	100.00	100.00	171.65	171.65	95.69				95.69	0.00	0.00	0.00	0.00	5.57	5.57
NCE-Solar	M/s SE Solar Ltd (SPV of M/s Suzlon Energy Limited)	100.00	100.00	100.00	204.35	204.35	114.10				114.10	0.00	0.00	0.00	0.00	5.58	5.58
NCE-Solar	M/s Prathamesh Solar Farms Pvt Ltd (SPV of M/s Suzlon Energy Limited)	50.00	100.00	50.00	103.67	103.67	57.60				57.60	0.00	0.00	0.00	0.00	5.56	5.56
NCE-Solar	M/s Surajkiran Renewable Resources Pvt Ltd (SPV of M/s Sky Power Southeast Asia III Investments Limited)	50.00	100.00	50.00	94.95	94.95	50.92				50.92	0.00	0.00	0.00	0.00	5.36	5.36
NCE-Solar	Zuka Power Pvt Ltd (SPV of M/s Sun Edison)	48.00	100.00	48.00	110.54	110.54	59.67				59.67	0.00	0.00	0.00	0.00	5.40	5.40
NCE-Solar	M/s Mytrah Energy (I) Ltd (KMPally SS)	50.00	100.00	50.00	97.58	97.58	54.47				54.47	0.00	0.00	0.00	0.00	5.58	5.58
NCE-Solar	Acme Solar Power Technology Private Limited	50.00	100.00	50.00	99.82	99.82	55.81				55.81	0.00	0.00	0.00	0.00	5.59	5.59
NCE-Solar	M/s Dinkar Technologies Pvt Ltd (SPV of M/s Sky Power Southeast Asia I Investments Limited)	24.94	100.00	24.94	40.78	40.78	20.69				20.69	0.00	0.00	0.00	0.00	5.07	5.07
NCE-Solar	M/s Surajkiran Solar Technologies Pvt Ltd (SPV of M/s Sky Power Southeast Asia III Investments Limited)	50.00	100.00	50.00	91.76	91.76	48.18				48.18	0.00	0.00	0.00	0.00	5.25	5.25
NCE-Solar	M/s Energon Soleq India Power Resources Pvt Ltd (Minpur)	50.00	100.00	50.00	96.86	96.86	53.94				53.94	0.00	0.00	0.00	0.00	5.57	5.57
NCE-Solar	M/s Energon Soleq India Power Resources Pvt Ltd (Sadasivpet)	50.00	100.00	50.00	91.70	91.70	51.16				51.16	0.00	0.00	0.00	0.00	5.58	5.58
NCE-Solar	M/s ACME PV Powertech Private Limited (Sadasivapet SS)	50.00	100.00	50.00	97.36	97.36	54.45				54.45	0.00	0.00	0.00	0.00	5.59	5.59
NCE-Solar	M/s Acme Medak Solar Energy Private Limited (Acme Fazilka Power Private Limited)	45.00	100.00	45.00	88.36	88.36	49.37				49.37	0.00	0.00	0.00	0.00	5.59	5.59
NCE-Solar	M/s Renew Saur Shakti Private Limited (formerly Surya Prakash Urja Bhoomi Pvt Ltd SPV of M/s Renew Solar Power Private Limited)	65.00	100.00	65.00	146.17	146.17	91.25				91.25	0.00	0.00	0.00	0.00	6.24	6.24
NCE-Solar	M/s Clean Solar Power (Chitradurga) Pvt Ltd (SPVM/s Hero Solar Energy Private Limited) (40MW)	40.00	100.00	40.00	66.22	66.22	36.93				36.93	0.00	0.00	0.00	0.00	5.58	5.58
NCE-Solar	M/s Mytrah Energy (I) Ltd (Shaniqaram SS)	15.00	100.00	15.00	28.04	28.04	16.06				16.06	0.00	0.00	0.00	0.00	5.73	5.73
NCE-Solar	NCE - Bundled Power NVVNL (solar) JNNSM Ph 1	85.00	38.02	32.32	34.12	34.12	36.48				36.48	0.00	0.00	0.00	0.00	10.69	10.69
NCE-Solar	NCE - Bundled Power (Solar) (NTPC 400 MW)	400.00	70.55	282.20	588.45	588.45	277.34				277.34	0.00	0.00	0.00	0.00	4.71	4.71
NCE-Solar	SECI	400.00	70.55	282.20	63.99	63.99	17.79				17.79	0.00	0.00	0.00	0.00	2.78	2.78
NCE-Solar				0.00		0.00					0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL NCE - Solar		2846.74		2558.46	4211.97	4211.97	0.00	2437.47	0.00	0.00	2437.47	0.00	0.00	0.00	0.00	5.79	5.79
NCE-Others											0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL NCE - Others		0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total NCE		3024.69		2736.41	4642.54	4642.54	0.06	2672.96	0.00	0.00	2673.02	0.00	0.00	0.00	0.00	5.76	5.76

NCE-Solar	M/s Sapphire Proventures Pvt Ltd	1.00	100.00	1.00	1.40	1.40					0.90				0.90	0.00	0.00	0.00	0.00	6.45	6.45
NCE-Solar	M/s Advik Hi Tech Pvt Ltd	3.00	100.00	3.00	4.36	4.36					2.81				2.81	0.00	0.00	0.00	0.00	6.45	6.45
NCE-Solar	M/s Harsha Construction	1.00	100.00	1.00	1.38	1.38					0.89				0.89	0.00	0.00	0.00	0.00	6.45	6.45
NCE-Solar	M/s Westren Precicast Pvt Ltd	2.00	100.00	2.00	2.65	2.65					1.71				1.71	0.00	0.00	0.00	0.00	6.45	6.45
NCE-Solar	M/s Pudhari Publications Private Ltd -II	1.00	100.00	1.00	1.40	1.40					0.91				0.91	0.00	0.00	0.00	0.00	6.45	6.45
NCE-Solar	M/s Enrich Energy Private Limited	3.00	100.00	3.00	4.67	4.67					3.01				3.01	0.00	0.00	0.00	0.00	6.45	6.45
NCE-Solar	M/s Arnav Renewable Energy Private Limited (formerly Abbis Constructio	2.50	100.00	2.50	4.24	4.24					2.73				2.73	0.00	0.00	0.00	0.00	6.45	6.45
NCE-Solar	M/s Virupa Renewable Energy Private Limited (originally held by Enrich E	2.00	100.00	2.00	3.40	3.40					2.19				2.19	0.00	0.00	0.00	0.00	6.45	6.45
NCE-Solar	M/s Bhagyanager Green Energy Limited	5.00	100.00	5.00	7.57	7.57					4.88				4.88	0.00	0.00	0.00	0.00	6.45	6.45
NCE-Solar	M/s FS India Devco (formerly Marikal Solar Parks Private Limited)	10.00	100.00	10.00	18.55	18.55					12.04				12.04	0.00	0.00	0.00	0.00	6.49	6.49
NCE-Solar	M/s Mahaboobnagar Solar Parks Private Limited	10.00	100.00	10.00	18.78	18.78					12.19				12.19	0.00	0.00	0.00	0.00	6.49	6.49
NCE-Solar	M/s Rays Power Infra Private Limited	2.00	100.00	2.00	2.46	2.46					1.59				1.59	0.00	0.00	0.00	0.00	6.49	6.49
NCE-Solar	M/s Sunborne Energy Andhra Private Limited	35.00	100.00	35.00	70.62	70.62					45.55				45.55	0.00	0.00	0.00	0.00	6.45	6.45
NCE-Solar	M/s Maheswari Mining & Energy Pvt. Limited (Peerampally)	10.00	100.00	10.00	17.05	17.05					11.00				11.00	0.00	0.00	0.00	0.00	6.45	6.45
NCE-Solar	M/s Maheswari Mining & Energy Pvt. Limited (Kolhagadi)	10.00	100.00	10.00	16.42	16.42					10.59				10.59	0.00	0.00	0.00	0.00	6.45	6.45
NCE-Solar	M/s Earth Solar Private Limited	5.00	100.00	5.00	7.70	7.70					4.97				4.97	0.00	0.00	0.00	0.00	6.45	6.45
NCE-Solar	M/s Abhyudaya Green Economic Zones	4.00	100.00	4.00	4.97	4.97					3.20				3.20	0.00	0.00	0.00	0.00	6.45	6.45
NCE-Solar	M/s Polepally Solar Parks Private Limited	25.00	100.00	25.00	44.66	44.66					28.81				28.81	0.00	0.00	0.00	0.00	6.45	6.45
NCE-Solar	M/s Jade Solar Energy Private Limited	1.00	100.00	1.00	1.39	1.39					0.90				0.90	0.00	0.00	0.00	0.00	6.45	6.45
NCE-Solar	M/s Vigneshwara Thermal Power Private Limited (SPV of Vigneshwara Powe	10.00	100.00	10.00	19.38	19.38					12.50				12.50	0.00	0.00	0.00	0.00	6.45	6.45
NCE-Solar	M/s Abijit Solar Energy Private Limited	5.00	100.00	5.00	9.61	9.61					6.20				6.20	0.00	0.00	0.00	0.00	6.45	6.45
NCE-Solar	M/s RGS Solar Power Private Limited (SPV of R N Jewels Private Limited)	7.00	100.00	7.00	11.94	11.94					7.87				7.87	0.00	0.00	0.00	0.00	6.59	6.59
NCE-Solar	M/s Haldiram Snacks Private Limited	10.00	100.00	10.00	16.95	16.95					11.19				11.19	0.00	0.00	0.00	0.00	6.60	6.60
NCE-Solar	M/s SS Indus Solar Energy Pvt Ltd	2.00	100.00	2.00	3.62	3.62					2.35				2.35	0.00	0.00	0.00	0.00	6.49	6.49
NCE-Solar	M/s Pemmasani Solar Power Private Limited (SPV of M/s Sri Luxmi Agro	10.00	100.00	10.00	18.92	18.92					12.94				12.94	0.00	0.00	0.00	0.00	6.84	6.84
NCE-Solar	M/s SP Solarem Private Limited (SPV of M/s Shapoorji Pallonji Infrastructu	10.00	100.00	10.00	17.95	17.95					12.38				12.38	0.00	0.00	0.00	0.00	6.90	6.90
NCE-Solar	M/s Vcarve Renewable Energy Private Limited (SPV of Global Associates	3.00	100.00	3.00	5.58	5.58					3.76				3.76	0.00	0.00	0.00	0.00	6.75	6.75
NCE-Solar	M/s Prime Life Space Consultancy Private Limited	3.00	100.00	3.00	4.36	4.36					2.94				2.94	0.00	0.00	0.00	0.00	6.75	6.75
NCE-Solar	M/s Arun Vidyuth Private Limited (SPV of M/s Sai Achyuth Energy Pvt Lin	5.00	100.00	5.00	9.23	9.23					6.32				6.32	0.00	0.00	0.00	0.00	6.85	6.85
NCE-Solar	M/s Global Coal & Mining Pvt Ltd	10.00	100.00	10.00	17.06	17.06					11.11				11.11	0.00	0.00	0.00	0.00	6.51	6.51
NCE-Solar	M/s Winsol Solar Fields (Polepally) Private Limited (SPV of M/s First Sola	10.00	100.00	10.00	18.12	18.12					12.50				12.50	0.00	0.00	0.00	0.00	6.90	6.90
NCE-Solar	M/s International Solar Corporation Private Limited	5.00	100.00	5.00	8.81	8.81					5.81				5.81	0.00	0.00	0.00	0.00	6.60	6.60
NCE-Solar	M/s Suraj Impex India Pvt. Limited	2.00	100.00	2.00	3.20	3.20					2.16				2.16	0.00	0.00	0.00	0.00	6.75	6.75
NCE-Solar	M/s Shining Sun Power (Telangana) Private Limited (SPV of M/s Rays Po	10.00	100.00	10.00	17.60	17.60					11.53				11.53	0.00	0.00	0.00	0.00	6.55	6.55
NCE-Solar	M/s Karvy Solar Power Limited (SPV of M/s Karvy Consultants Limited)	20.00	100.00	20.00	34.54	34.54					23.14				23.14	0.00	0.00	0.00	0.00	6.70	6.70
NCE-Solar	M/s Renew Akshay Urja Private Limited (SPV of M/s Renew Solar Power P	100.00	100.00	100.00	179.31	179.31					120.67				120.67	0.00	0.00	0.00	0.00	6.73	6.73
NCE-Solar	M/s Renew Akshay Urja Private Limited (SPV of M/s Renew Solar Power P	24.00	100.00	24.00	41.20	41.20					28.02				28.02	0.00	0.00	0.00	0.00	6.80	6.80
NCE-Solar	M/s NV Vogt Solar One Private Limited (SPV of M/s NV Vogt Singapore P	10.00	100.00	10.00	14.51	14.51					9.99				9.99	0.00	0.00	0.00	0.00	6.89	6.89
NCE-Solar	M/s Taletattayal Solar Projects Private Lts.]	10.00	100.00	10.00	16.74	16.74					11.53				11.53	0.00	0.00	0.00	0.00	6.89	6.89
NCE-Solar	M/s Nirjara Solaire Urja Private Limited (SPV of M/s Solairedirect Energy	10.00	100.00	10.00	18.55	18.55					12.78				12.78	0.00	0.00	0.00	0.00	6.89	6.89
NCE-Solar	M/s Cleansolar Renewable Energy Private Limited (SPV of Mahindra EPC	30.00	100.00	30.00	52.80	52.80					36.38				36.38	0.00	0.00	0.00	0.00	6.89	6.89
NCE-Solar	M/s Winsol Solar Fields (Polepally) Private Limited (Karoor) (M/s First Solar P	15.00	100.00	15.00	29.26	29.26					19.31				19.31	0.00	0.00	0.00	0.00	6.60	6.60
NCE-Solar	M/s Dayakara Solar Power Private Limited (SPV of ACME Solar Energy P	30.00	100.00	30.00	58.85	58.85					40.30				40.30	0.00	0.00	0.00	0.00	6.85	6.85
NCE-Solar	M/s Grahati Solar Energy Private Limited (SPV of ACME Solar Energy P	50.00	100.00	50.00	97.96	97.96					66.00				66.00	0.00	0.00	0.00	0.00	6.74	6.74
NCE-Solar	M/s Photon Solar Power Private Limited (SPV of M/s Photon Energy Syst	5.00	100.00	5.00	5.79	5.79					3.93				3.93	0.00	0.00	0.00	0.00	6.78	6.78
NCE-Solar	M/s Sparkman Solar Energy Private Limited (SPV of Spark Infra Advisors	2.00	100.00	2.00	3.56	3.56					2.41				2.41	0.00	0.00	0.00	0.00	6.77	6.77
NCE-Solar	M/s Cybercity Builders and Developers Pvt Ltd (Rajapet)	5.00	100.00	5.00	9.50	9.50					6.41				6.41	0.00	0.00	0.00	0.00	6.75	6.75
NCE-Solar	M/s Keerthi Estates Pvt. Ltd (Kandagatta)	5.00	100.00	5.00	7.92	7.92					5.44				5.44	0.00	0.00	0.00	0.00	6.87	6.87
NCE-Solar	M/s Cybercity Builders and Developers Pvt Ltd (Nedunur)	5.00	100.00	5.00	9.39	9.39					6.48				6.48	0.00	0.00	0.00	0.00	6.90	6.90
NCE-Solar	M/s Keerthi Estates Pvt. Ltd (Nagarkurnool)	10.00	100.00	10.00	16.92	16.92					11.47				11.47	0.00	0.00	0.00	0.00	6.78	6.78
NCE-Solar	M/s Rohini Solaires Private Limited (SPV of Minopharm Laboratories Pvt L	5.00	100.00	5.00	6.77	6.77					4.61				4.61	0.00	0.00	0.00	0.00	6.81	6.81
NCE-Solar	M/s Winsol Solar Fields (Polepally) Private Limited (SPV of First Solar Po	50.00	100.00	50.00	94.84	94.84					61.17				61.17	0.00	0.00	0.00	0.00	6.45	6.45
NCE-Solar	M/s Suprasanna Solaire Energy Private Limited (SPV of M/s Solairedirect	20.00	100.00	20.00	37.87	37.87					24.96				24.96	0.00	0.00	0.00	0.00	6.59	6.59
NCE-Solar	M/s Rudra Solar Farms Ltd (SPV of M/s Suzlon Energy Limited)	15.00	100.00	15.00	29.54	29.54					16.54				16.54	0.00	0.00	0.00	0.00	5.60	5.60
NCE-Solar	M/s Mytrah Abhinav Power Private Ltd (Gadwal SS)	15.00	100.00	15.00	28.01	28.01					15.69				15.69	0.00	0.00	0.00	0.00	5.60	5.60
NCE-Solar	M/s Mytrah Engery (I) Ltd (Nagar Kurnool SS)	15.00	100.00	15.00	26.88	26.88					15.18				15.18	0.00	0.00	0.00	0.00	5.65	5.65
NCE-Solar	M/s Mytrah Abhinav Power Private Ltd (Thimmaipet SS)	8.00	100.00	8.00	14.37	14.37					8.18				8.18	0.00	0.00	0.00	0.00	5.69	5.69
NCE-Solar	M/s Mytrah Abhinav Power Private Ltd (Alampur SS)	11.00	100.00	11.00	20.23	20.23					11.51				11.51	0.00	0.00	0.00	0.00	5.69	5.69
NCE-Solar	M/s Ghanpur Solar Pvt Ltd (SPV of M/s Solar Pack Corporation Technolo	15.00	100.00	15.00	28.22	28.22					16.13				16.13	0.00	0.00	0.00	0.00	5.71	5.71
NCE-Solar	M/s Achampet Solar Pvt Ltd (SPV of M/s Solar Pack Corporation Technol	10.00	100.00	10.00	16.65	16.65					9.53				9.53	0.00	0.00	0.00	0.00	5.72	5.72
NCE-Solar	M/s GEA BGR Energy System India Ltd	2.00	100.00	2.00	3.42	3.42					1.96				1.96	0.00	0.00	0.00	0.00	5.72	5.72
NCE-Solar	M/s Avighna Solar Farms Ltd (SPV of M/s Suzlon Energy Limited)	15.00	100.00	15.00	30.55	30.55					16.80				16.80	0.00	0.00	0.00	0.00	5.50	5.50
NCE-Solar	M/s AMPL Cleantech Private Limited (formerly Narberham Vishram)	15.00	100.00	15.00	28.01	28.01					16.04				16.04	0.00	0.00	0.00	0.00	5.72	5.72

NCE-Solar	M/s Mytrah Abhinav Power Private Limited (Arvapally SS)	7.56	100.00	7.56	14.46	14.46		8.28			8.28	0.00	0.00	0.00	0.00	5.72	5.72	
NCE-Solar	M/s Mytrah Adarsh Power Private Limited (Guntipally SS)	15.00	100.00	15.00	27.01	27.01		15.46			15.46	0.00	0.00	0.00	0.00	5.72	5.72	
NCE-Solar	M/s Mytrah Adarsh Power Private Ltd (Thungaturthy SS)	15.00	100.00	15.00	27.38	27.38		15.68			15.68	0.00	0.00	0.00	0.00	5.72	5.72	
NCE-Solar	M/s Shalaka Infra-Tech (I) Pvt Ltd	15.00	100.00	15.00	22.49	22.49		12.88			12.88	0.00	0.00	0.00	0.00	5.72	5.72	
NCE-Solar	M/s Mytrah Adarsh Power Private Ltd (Thunkibollaram SS)	15.00	100.00	15.00	21.92	21.92		12.53			12.53	0.00	0.00	0.00	0.00	5.71	5.71	
NCE-Solar	M/s Mytrah Adarsh Power Private Ltd (Chegunta SS)	15.00	100.00	15.00	25.40	25.40		14.54			14.54	0.00	0.00	0.00	0.00	5.72	5.72	
NCE-Solar	M/s Ajay Kumar Ratilal Patel	2.00	100.00	2.00	3.15	3.15		1.80			1.80	0.00	0.00	0.00	0.00	5.72	5.72	
NCE-Solar	M/s Gummadidala Solar Pvt Ltd (SPV of M/s Solar Pack Corporation Techno	15.00	100.00	15.00	26.64	26.64		15.25			15.25	0.00	0.00	0.00	0.00	5.72	5.72	
NCE-Solar	M/s Thukkapur Solar Pvt Ltd (SPV of M/s Solar Pack Corporation Techno	15.00	100.00	15.00	28.25	28.25		16.17			16.17	0.00	0.00	0.00	0.00	5.72	5.72	
NCE-Solar	M/s Enrich Energy Pvt Ltd (Turmamidi SS)	7.00	100.00	7.00	12.49	12.49		7.15			7.15	0.00	0.00	0.00	0.00	5.72	5.72	
NCE-Solar	M/s Paramount Minerals & Chemicals Limited	2.00	100.00	2.00	3.62	3.62		2.07			2.07	0.00	0.00	0.00	0.00	5.72	5.72	
NCE-Solar	M/s Mytrah Engery (I) Ltd (Tandur SS)	15.00	100.00	15.00	20.91	20.91		11.97			11.97	0.00	0.00	0.00	0.00	5.72	5.72	
NCE-Solar	M/s Mytrah Engery (I) Ltd (Wanaparthy SS) (SOMV)	50.00	100.00	50.00	71.47	71.47		36.97			36.97	0.00	0.00	0.00	0.00	5.17	5.17	
NCE-Solar	M/s Transform Sun Energy Pvt Ltd (SPV of M/s Shapoorji Pallonji Infrastr	100.00	100.00	100.00	172.50	172.50		96.51			96.51	0.00	0.00	0.00	0.00	5.59	5.59	
NCE-Solar	M/s SE Solar Ltd (SPV of M/s Suzlon Energy Limited)	100.00	100.00	100.00	205.02	205.02		114.71			114.71	0.00	0.00	0.00	0.00	5.59	5.59	
NCE-Solar	M/s Prathamesh Solar Farms Pvt Ltd (SPV of M/s Suzlon Energy Limited)	50.00	100.00	50.00	104.25	104.25		58.33			58.33	0.00	0.00	0.00	0.00	5.59	5.59	
NCE-Solar	M/s Surajkiran Renewable Resources Pvt Ltd (SPV of M/s Sky Power Sou	50.00	100.00	50.00	95.08	95.08		51.08			51.08	0.00	0.00	0.00	0.00	5.37	5.37	
NCE-Solar	Zuka Power Pvt Ltd (SPV of M/s Sun Edison)	48.00	100.00	48.00	110.54	110.54		61.84			61.84	0.00	0.00	0.00	0.00	5.59	5.59	
NCE-Solar	M/s Mytrah Energy (I) Ltd (KMPally SS)	50.00	100.00	50.00	98.71	98.71		55.23			55.23	0.00	0.00	0.00	0.00	5.59	5.59	
NCE-Solar	Acme Solar Power Technology Private Limited	50.00	100.00	50.00	101.09	101.09		56.56			56.56	0.00	0.00	0.00	0.00	5.59	5.59	
NCE-Solar	M/s Dinkar Technologies Pvt Ltd (SPV of M/s Sky Power Southeast Asia I	24.94	100.00	24.94	41.11	41.11		21.27			21.27	0.00	0.00	0.00	0.00	5.17	5.17	
NCE-Solar	M/s Surajkiran Solar Technologies Pvt Ltd (SPV of M/s Sky Power Southe	50.00	100.00	50.00	91.89	91.89		48.35			48.35	0.00	0.00	0.00	0.00	5.26	5.26	
NCE-Solar	M/s Energon Soleq India Power Resources Pvt Ltd (Minpur)	50.00	100.00	50.00	96.66	96.66		54.08			54.08	0.00	0.00	0.00	0.00	5.59	5.59	
NCE-Solar	M/s Energon Soleq India Power Resources Pvt Ltd (Sadasiwpet)	50.00	100.00	50.00	92.87	92.87		51.96			51.96	0.00	0.00	0.00	0.00	5.59	5.59	
NCE-Solar	M/s ACME PV Powertech Private Limited (Sadasiwpet SS)	50.00	100.00	50.00	98.22	98.22		54.96			54.96	0.00	0.00	0.00	0.00	5.59	5.59	
NCE-Solar	M/s Acme Medak Solar Energy Private Limited (Acme Fazilka Power Priv	45.00	100.00	45.00	88.84	88.84		49.70			49.70	0.00	0.00	0.00	0.00	5.59	5.59	
NCE-Solar	M/s Renew Saur Shakti Private Limited (formerly Surya Prakash Urja Bho	65.00	100.00	65.00	122.21	122.21		68.38			68.38	0.00	0.00	0.00	0.00	5.59	5.59	
NCE-Solar	M/s Clean Solar Power (Chitradurga) Pvt Ltd (SPVM's Hero Solar Energy	40.00	100.00	40.00	66.22	66.22		37.05			37.05	0.00	0.00	0.00	0.00	5.59	5.59	
NCE-Solar	M/s Mytrah Energy (I) Ltd (Shanigaram SS)	15.00	100.00	15.00	27.55	27.55		15.77			15.77	0.00	0.00	0.00	0.00	5.72	5.72	
NCE-Solar	NCE - Bundled Power NVNL (solar) JNNM Ph 1	85.00	38.02	32.32	34.47	34.47		38.85			38.85	0.00	0.00	0.00	0.00	10.69	10.69	
NCE-Solar	NCE - Bundled Power (Solar) (NTPC 400 MW)	400.00	70.55	282.20	579.30	579.30		274.15			274.15	0.00	0.00	0.00	0.00	4.73	4.73	
NCE-Solar	SECI	400.00	70.55	282.20	416.71	416.71		115.84			115.84	0.00	0.00	0.00	0.00	2.78	2.78	
NCE-Solar	NTPC CPSU Scheme	1,692.00	70.55	1193.71	1231.32	1,231.32		347.60			347.60	0.00	0.00	0.00	0.00	2.82	2.82	
TOTAL NCE - Solar		4538.74		3752.16	5806.66	5806.66	0.00	2896.37	0.00	0.00	0.00	2896.37	0.00	0.00	0.00	4.99	4.99	
Total NCE			4715.69		3929.11	6271.16	6271.16	55.24	3106.45	0.00	0.00	0.00	3161.69	0.09	0.00	0.00	4.95	5.04

Refer to Notes for the definition

Base Year																				
Generating Station	Plant Type Must Run = 1 Others = 2	Plant Capacity (MW)	DISCOM's share (%)	DISCOM's share (MW)	Availability and Dispatch (MU)		Cost (Rs. Crs.)						Unit Cost (Rs. / kWh)						Remarks	
					Net Availability	Dispatch	Fixed	Variable	Incentive	Income Tax	Others	Total	Fixed	Incentives	Income Tax	Others	Variable	Total		
TSGENCO																				
Thermal																				
VTFS I	2			0.00	0.00	0.00														
VTFS II	2			0.00	0.00	0.00														
VTFS III	2			0.00	0.00	0.00														
VTFS IV	2			0.00	0.00	0.00														
RTFP	2			0.00	0.00	0.00														
RTFP Stage-II	2			0.00	0.00	0.00														
RTFP Stage-III	2			0.00	0.00	0.00														
KTFS A	2			0.00	749.31	749.31														
KTFS B	2			0.00	749.31	749.31														
KTFS C	2			0.00	749.31	749.31														
KTFS D	2			0.00	2406.59	2406.59														
KTFS Stage VI	2			0.00	2508.59	2508.59														
RTS B	2			0.00	260.72	260.72														
NTS				0.00	0.00	0.00														
Kakatiya Thermal Power Plant Stage I	2			0.00	2596.72	2596.72														
Kakatiya Thermal Power Plant Stage II	2			0.00	2568.42	2568.42														
BTPS (Manuguru New Project)	2			0.00	0.00	0.00														
KTFS VII	2			0.00	1323.65	1323.65														
TOTAL THERMAL		0.00		0.00	13912.62	13912.62	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MACHKIND PH TS Share	1			0.00	0.00	0.00														
TUNGBHADRA PH TS Share	1			0.00	0.00	0.00														
USL	1			0.00	0.00	0.00														
LSR	1			0.00	0.00	0.00														
DONKARAYI	1			0.00	0.00	0.00														
SSLM	1			0.00	0.00	0.00														
NSPH	1			0.00	268.95	25.48														
NSRCPH	1			0.00	0.00	0.00														
NSLCPH	1			0.00	0.00	0.00														
POCHAMPAD PH	1			0.00	17.29	0.23														
NIZAMSAGAR PH	1			0.00	3.90	-0.01														
PABM	1			0.00	0.00	0.00														
MINI HYDRO&OTHERS	1			0.00	0.00	0.00														
SINGUR	1			0.00	4.47	1.70														
SSLM LCPH	1			0.00	689.42	-0.37														
Nagarjunasagar Tail Pond Dam Power House	1			0.00	0.00	0.00														
Pritydarshini Jurala Hydro Electric Project- AP Share	1			0.00	85.29	-0.04														
Lower Jurala Hydro Electric Project	1			0.00	103.59	-0.14														
POCHAMPAD Stage-II	1			0.00	0.00	0.00														
PULICHINTALI(New Project)	1			0.00	14.20	-0.02														
Mini Hydro & Others (Paddipatti, Palani)	1			0.00	0.79	0.03														
Barnagiri Wind Mills (AP)	1			0.00	0.00	0.00														
Pochampad Stage-IV	1			0.00	0.00	0.00														
TOTAL HYDRO		0.00		0.00	1187.90	26.86	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL TSGENCO		0.00		0.00	15100.52	13939.48	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Central Generating Stations																				
NTPC																				
NTPC (SR)																				
NTPC (SR)	2			0.00	1614.44	1614.44														
NTPC (SR) Stage III	2			0.00	400.74	400.74														
Total NTPC(SR)		0.00		0.00	2015.18	2015.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NTPC (ER)																				
Farakka	2			0.00	0.00	0.00														
Kahalgaon	2			0.00	0.00	0.00														
Talcher - Stage 1	2			0.00	0.00	0.00														
Talcher Stage 2	2			0.00	997.23	997.23														
Others	2			0.00	0.00	0.00														
Total NTPC(ER)		0.00		0.00	997.23	997.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total NTPC		0.00		0.00	3012.42	3012.42	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Generating Station	Plant Type Must Run = 1 Others = 2	Plant Capacity (MW)	DISCOM's share (%)	DISCOM's share (MW)	Availability and Dispatch (MU)		Cost (Rs. Crs.)						Unit Cost (Rs. / kWh)						Remarks	
					Net Availability	Dispatch	Fixed	Variable	Incentive	Income Tax	Others	Total	Fixed	Incentives	Income Tax	Others	Variable	Total		
NLC TS-II																				
Stage-I	2			0.00	227.08	227.08							0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Stage-II	2			0.00	414.17	414.17							0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total NLC		0.00		0.00	641.24	641.24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NPC																				
NPC-MAPS	1			0.00	43.14	43.14							0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NPC-Kaiga unit I	1			0.00	761.42	761.42							0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NPC-Kaiga unit II	1			0.00	0.00	0.00							0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total NPC		0.00		0.00	804.55	804.55	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NTPC - Simhadri																				
NTPC Simhadri Stage I	2			0.00	2492.21	2492.21							0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NTPC Simhadri Stage II	2			0.00	851.56	851.56							0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total NTPC - Simhadri		0.00		0.00	3293.77	3293.77	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CGS - New																				
Vallur Thermal Power Plant	2			0.00	331.17	331.17							0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Tuticorin/NLC Tamilnadu Power Ltd	2			0.00	504.27	504.27							0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NPC-Kundhukulam	1			0.00	107.26	107.26							0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Kudigi	2			0.00	620.39	620.39							0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NTPC Aravali Power	2			0.00	0.00	0.00							0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NCE- Bundled Power (NVVNL) coal	1			0.00	1110.10	1110.10							0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NCE - Bundled Power (Coal) (NTPC 200 MW)	1			0.00	170.03	170.03							0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL CGS		0.00		0.00	16555.18	16555.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
APGPCL																				
APGPCL I - Allocated capacity	2			0.00	13.73	13.73							0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
APGPCL I - Unutilised capacity	2			0.00	0.00	0.00							0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
APGPCL II - Allocated capacity	2			0.00	39.40	39.40							0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
APGPCL II - Unutilised capacity	2			0.00	0.00	0.00							0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total APGPCL		0.00		0.00	53.13	53.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
IPPS																				
GVK	2			0.00	0.00	0.00							0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Spectrum	2			0.00	0.00	0.00							0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Kondapalli (Naphtha)	2			0.00	0.00	0.00							0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Kondapalli (Gas)	2			0.00	0.00	0.00							0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ISSES	2			0.00	0.00	0.00							0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GVK Extension	2			0.00	0.00	0.00							0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vemagiri	2			0.00	0.00	0.00							0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gautami	2			0.00	0.00	0.00							0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Konaseema	2			0.00	0.00	0.00							0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL IPPS		0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NCE																				
NCE - Bio-Mass	1			0.00	32.53	32.53							0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NCE - Bagasse	1			0.00	23.89	23.89							0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NCE - Municipal Waste to Energy	1			0.00	0.00	0.00							0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NCE - Industrial Waste based power project	1			0.00	46.22	46.22							0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NCE - Wind Power	1			0.00	230.49	230.49							0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NCE - Mini Hydel	1			0.00	2.35	2.35							0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NCE - NCL Energy Ltd	1			0.00	0.00	0.00							0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NCE-Solar	1			0.00	3597.69	3597.69							0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NCE - Bundled Power NVVNL (solar) JNNSM Ph 1	1			0.00	40.17	40.17							0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NCE - Bundled Power (Solar) NTPC 400 MW	1			0.00	579.25	579.25							0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NCE- Others	1			0.00	0.00	0.00							0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL NCE		0.00		0.00	4552.58	4552.58	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
OTHERS																				
Srivatha	2			0.00	0.00	0.00							0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LVS	2			0.00	0.00	0.00							0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vishakapatnam Steel Plant	2			0.00	0.00	0.00							0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NB Ferro Alloys	2			0.00	0.00	0.00							0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Singareni I & II	2			0.00	5737.24	5737.24							0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Thermal Power Tech	2			0.00	1341.92	1341.92							0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CSPGC	2			0.00	3759.64	3759.64							0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Thermal Power Tech Unit II	2			0.00	2836.34	2836.34							0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL OTHERS		0.00		0.00	13445.74	13445.74	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Generating Station	Plant Type Must Run = 1 Others = 2	Plant Capacity	DISCOM's share	DISCOM's share	Availability and Dispatch (MU)		Cost (Rs. Crs.)						Unit Cost (Rs. / kWh)						Remarks
					Net Availability	Dispatch	Fixed	Variable	Incentive	Income Tax	Others	Total	Fixed	Incentives	Income Tax	Others	Variable	Total	
MARKET																			
RTC					4539.05	4539.05								0.00	0.00	0.00	0.00	0.00	0.00
RCL and Short-Term Sources (G Wells, Kesoram)					-1229.35	-1229.35								0.00	0.00	0.00	0.00	0.00	0.00
NPDCCL					-486.17	-486.17								0.00	0.00	0.00	0.00	0.00	0.00
SPDCCL					0.00	0.00								0.00	0.00	0.00	0.00	0.00	0.00
UI					0.00	0.00								0.00	0.00	0.00	0.00	0.00	0.00
Other Short Term Sources					0.00	0.00								0.00	0.00	0.00	0.00	0.00	0.00
D-D Sales/Purchase					0.00	0.00								0.00	0.00	0.00	0.00	0.00	0.00
Interest on Pension Bonds					0.00	0.00								0.00	0.00	0.00	0.00	0.00	0.00
STOA					0.00	0.00								0.00	0.00	0.00	0.00	0.00	0.00
Reactive					0.00	0.00								0.00	0.00	0.00	0.00	0.00	0.00
Wheeling NPTCL					0.00	0.00								0.00	0.00	0.00	0.00	0.00	0.00
Wheeling Transesco/Asset					0.00	0.00								0.00	0.00	0.00	0.00	0.00	0.00
Conjestion charges					0.00	0.00								0.00	0.00	0.00	0.00	0.00	0.00
TOTAL MARKET		0.00		0.00	2823.53	2823.53	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL (From All Sources)		0.00		0.00	46530.66	45369.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Note:
1) Details of NCE Plant wise to be filled in Form 1.4 [i,j,k,l,v]
2) Hydro cost break up details to be provided based on appropriate methodology. In case it is not possible to segregate the cost

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Generating Station	Plant Type Must Run = 1 Others = 2	Plant Capacity	DISCOM's share	DISCOM's share	Availability and Dispatch (MU)		Cost (Rs. Crs.)						Unit Cost (Rs. / kWh)						Remarks
					Net Availability	Dispatch	Fixed	Variable	Incentive	Inc. Tax	Others	Total	Fixed	Inctv	Inc. Tax	Others	Variable	Total	
TSGENCO																			
Thermal																			
VTFS I	2			0.00	0.00	0.00								0.00	0.00	0.00	0.00	0.00	0.00
VTFS II	2			0.00	0.00	0.00								0.00	0.00	0.00	0.00	0.00	0.00
VTFS III	2			0.00	0.00	0.00								0.00	0.00	0.00	0.00	0.00	0.00
VTFS IV	2			0.00	0.00	0.00								0.00	0.00	0.00	0.00	0.00	0.00
RTFP I	2			0.00	0.00	0.00								0.00	0.00	0.00	0.00	0.00	0.00
RTFP Stage-II	2			0.00	0.00	0.00								0.00	0.00	0.00	0.00	0.00	0.00
RTFP Stage-III	2			0.00	0.00	0.00								0.00	0.00	0.00	0.00	0.00	0.00
KTPS A	2			0.00	613.05	613.05								0.00	0.00	0.00	0.00	0.00	0.00
KTPS B	2			0.00	408.70	408.70								0.00	0.00	0.00	0.00	0.00	0.00
KTPS C	2			0.00	408.70	408.70								0.00	0.00	0.00	0.00	0.00	0.00
KTPS D	2			0.00	2265.63	2265.63								0.00	0.00	0.00	0.00	0.00	0.00
KTPS Stage VI	2			0.00	2393.07	2393.07								0.00	0.00	0.00	0.00	0.00	0.00
RTS B	2			0.00	245.41	245.41								0.00	0.00	0.00	0.00	0.00	0.00
NTS	2			0.00	0.00	0.00								0.00	0.00	0.00	0.00	0.00	0.00
Kakatiya Thermal Power Plant Stage I	2			0.00	2053.50	2053.50								0.00	0.00	0.00	0.00	0.00	0.00
Kakatiya Thermal Power Plant Stage II	2			0.00	2992.97	2992.97								0.00	0.00	0.00	0.00	0.00	0.00
BTPS (Manuguru New Project)	2			0.00	0.00	0.00								0.00	0.00	0.00	0.00	0.00	0.00
KTPS VII	2			0.00	2391.80	2391.80								0.00	0.00	0.00	0.00	0.00	0.00
TOTAL THERMAL		0.00		0.00	13772.85	13772.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MACHKUND PH TS Share	1			0.00	0.00	0.00								0.00	0.00	0.00	0.00	0.00	0.00
TUNGBHADRA PH TS Share	1			0.00	0.00	0.00								0.00	0.00	0.00	0.00	0.00	0.00
USL	1			0.00	0.00	0.00								0.00	0.00	0.00	0.00	0.00	0.00
LSR	1			0.00	0.00	0.00								0.00	0.00	0.00	0.00	0.00	0.00
DONKARAYI	1			0.00	0.00	0.00								0.00	0.00	0.00	0.00	0.00	0.00
SSLM	1			0.00	0.00	0.00								0.00	0.00	0.00	0.00	0.00	0.00
NSPH	1			0.00	1121.37	1121.37								0.00	0.00	0.00	0.00	0.00	0.00
NSRCPH	1			0.00	0.00	0.00								0.00	0.00	0.00	0.00	0.00	0.00
NSLCPH	1			0.00	0.00	0.00								0.00	0.00	0.00	0.00	0.00	0.00
POCHAMPAD PH	1			0.00	4.69	4.69								0.00	0.00	0.00	0.00	0.00	0.00
NIZAMSAGAR PH	1			0.00	0.84	0.84								0.00	0.00	0.00	0.00	0.00	0.00
PABM	1			0.00	0.00	0.00								0.00	0.00	0.00	0.00	0.00	0.00
MINI HYDRO&OTHERS	1			0.00	0.00	0.00								0.00	0.00	0.00	0.00	0.00	0.00
SINGUR	1			0.00	28.70	28.70								0.00	0.00	0.00	0.00	0.00	0.00
SSLM LCPH	1			0.00	1401.60	1401.60								0.00	0.00	0.00	0.00	0.00	0.00
Nagarjunasagar Tail Pond Dam Power House	1			0.00	0.00	0.00								0.00	0.00	0.00	0.00	0.00	0.00

Generating Station	Plant Type Must Run = 1 Others = 2	Plant Capacity (MW)	DISCOM's share (%)	DISCOM's share (MW)	Availability and Dispatch (MU)		Cost (Rs. Crs.)						Unit Cost (Rs. / kWh)						Remarks	
					Net Availability	Dispatch	Fixed	Variable	Incentive	Income Tax	Others	Total	Fixed	Incentives	Income Tax	Others	Variable	Total		
Priyadarshini Jurala Hydro Electric Project- AP Share	1			0.00	114.15	114.15							0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Lower Jurala Hydro Electric Project	1			0.00	217.74	217.74							0.00	0.00	0.00	0.00	0.00	0.00	0.00	
POCHAMPAD Stage-II	1			0.00	0.00	0.00							0.00	0.00	0.00	0.00	0.00	0.00	0.00	
PULICHINTAL(New Project)	1			0.00	140.00	140.00							0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Mini Hydrel & Others (Paddavalli, Palari)	1			0.00	0.87	0.87							0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Barnagiri Wind Mills (AP)	1			0.00	0.00	0.00							0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Pochampad Stage-IV	1			0.00	0.00	0.00							0.00	0.00	0.00	0.00	0.00	0.00	0.00	
TOTAL HYDRO		0.00		0.00	3029.76	3029.76	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
TOTAL TSGENCO		0.00		0.00	16802.61	16802.61	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Central Generating Stations																				
NTPC																				
NTPC (SR)																				
NTPC (SR)	2			0.00	1432.89	1432.89							0.00	0.00	0.00	0.00	0.00	0.00	0.00	
NTPC (SR) Stage III	2			0.00	378.03	378.03							0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Total NTPC(SR)		0.00		0.00	1810.72	1810.72	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
NTPC (ER)																				
Farakka	2			0.00	0.00	0.00							0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Kahalgaon	2			0.00	0.00	0.00							0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Talcher - Stage 1	2			0.00	0.00	0.00							0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Talcher Stage 2	2			0.00	969.57	969.57							0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Others	2			0.00	0.00	0.00							0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Total NTPC(ER)		0.00		0.00	969.57	969.57	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Total NTPC		0.00		0.00	2780.29	2780.29	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
NLC TS-II																				
Stage-I	2			0.00	257.92	257.92							0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Stage-II	2			0.00	441.95	441.95							0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Total NLC		0.00		0.00	699.87	699.87	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
NPC																				
NPC-MAPS	1			0.00	52.87	52.87							0.00	0.00	0.00	0.00	0.00	0.00	0.00	
NPC-Kaiga unit I	1			0.00	382.70	382.70							0.00	0.00	0.00	0.00	0.00	0.00	0.00	
NPC-Kaiga unit II	1			0.00	382.70	382.70							0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Total NPC		0.00		0.00	818.27	818.27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
NTPC - Simhadri																				
NTPC Simhadri Stage I	2			0.00	1845.24	1845.24							0.00	0.00	0.00	0.00	0.00	0.00	0.00	
NTPC Simhadri Stage II	2			0.00	849.32	849.32							0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Total NTPC - Simhadri		0.00		0.00	2694.56	2694.56	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
CGS - New																				
Vallur Thermal Power Plant	2			0.00	303.59	303.59							0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Tuticorin/NLC Taminadu Power Ltd	2			0.00	529.15	529.15							0.00	0.00	0.00	0.00	0.00	0.00	0.00	
NPC-Kundrukulam	1			0.00	126.05	126.05							0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Kudigri	2			0.00	398.74	398.74							0.00	0.00	0.00	0.00	0.00	0.00	0.00	
NTPC Aravali Power	2			0.00	148.60	148.60							0.00	0.00	0.00	0.00	0.00	0.00	0.00	
NCE-Bundled Power (NVVNL) coal	1			0.00	972.19	972.19							0.00	0.00	0.00	0.00	0.00	0.00	0.00	
NTPC 200 MW	1			0.00	23.98	23.98							0.00	0.00	0.00	0.00	0.00	0.00	0.00	
TOTAL CGS		0.00		0.00	9495.29	9495.29	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
APGPCL																				
APGPCL I - Allocated capacity	2			0.00	6.95	6.95							0.00	0.00	0.00	0.00	0.00	0.00	0.00	
APGPCL I - Unutilised capacity	2			0.00	0.00	0.00							0.00	0.00	0.00	0.00	0.00	0.00	0.00	
APGPCL II - Allocated capacity	2			0.00	18.58	18.58							0.00	0.00	0.00	0.00	0.00	0.00	0.00	
APGPCL II - Unutilised capacity	2			0.00	0.00	0.00							0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Total Apgpcl		0.00		0.00	25.53	25.53	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
IPPS																				
GVK	2			0.00	0.00	0.00							0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Spectrum	2			0.00	0.00	0.00							0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Kondapalli (Naphtha)	2			0.00	0.00	0.00							0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Kondapalli (Gas)	2			0.00	0.00	0.00							0.00	0.00	0.00	0.00	0.00	0.00	0.00	
BSES	2			0.00	0.00	0.00							0.00	0.00	0.00	0.00	0.00	0.00	0.00	
GVK Extension	2			0.00	0.00	0.00							0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Vemagiri	2			0.00	0.00	0.00							0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Gautami	2			0.00	0.00	0.00							0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Konaseema	2			0.00	0.00	0.00							0.00	0.00	0.00	0.00	0.00	0.00	0.00	
TOTAL IPPS		0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	

Generating Station	Plant Type Must Run = 1 Others = 2	Plant Capacity (MW)	DISCOM's share (%)	DISCOM's share (MW)	Availability and Dispatch (MU)		Cost (Rs. Crs.)						Unit Cost (Rs. / kWh)						Remarks
					Net Availability	Dispatch	Fixed	Variable	Incentive	Income Tax	Others	Total	Fixed	Incentives	Income Tax	Others	Variable	Total	
NCE																			
NCE - Bio-Mass	1			0.00	37.97	37.97							0.00	0.00	0.00	0.00	0.00	0.00	
NCE - Bagasse	1				9.34	9.34							0.00	0.00	0.00	0.00	0.00	0.00	
NCE - Municipal Waste to Energy	1			0.00	0.00	0.00							0.00	0.00	0.00	0.00	0.00	0.00	
NCE - Industrial Waste based power project	1			0.00	14.06	14.06							0.00	0.00	0.00	0.00	0.00	0.00	
NCE - Wind Power	1			0.00	185.19	185.19							0.00	0.00	0.00	0.00	0.00	0.00	
NCE - Mini Hydel	1			0.00	2.99	2.99							0.00	0.00	0.00	0.00	0.00	0.00	
NCE - NCL Energy Ltd	1			0.00	0.00	0.00							0.00	0.00	0.00	0.00	0.00	0.00	
NCE-Solar	1			0.00	3564.93	3564.93							0.00	0.00	0.00	0.00	0.00	0.00	
NCE - Bundled Power NVVNL (solar) JNNSM Ph 1	1			0.00	40.62	40.62							0.00	0.00	0.00	0.00	0.00	0.00	
NCE - Bundled Power (Solar) (NTPC 400 MW)				0.00	560.17	560.17							0.00	0.00	0.00	0.00	0.00	0.00	
NCE-Others					0.00	0.00							0.00	0.00	0.00	0.00	0.00	0.00	
TOTAL NCE		0.00		0.00	4415.26	4415.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
OTHERS																			
Srinivasa	2			0.00	0.00	0.00							0.00	0.00	0.00	0.00	0.00	0.00	
LVS	2			0.00	0.00	0.00							0.00	0.00	0.00	0.00	0.00	0.00	
Vishakapatnam Steel Plant	2			0.00	0.00	0.00							0.00	0.00	0.00	0.00	0.00	0.00	
NB Ferro Alloys	2			0.00	0.00	0.00							0.00	0.00	0.00	0.00	0.00	0.00	
Singareni I & II	2			0.00	6068.46	6068.46							0.00	0.00	0.00	0.00	0.00	0.00	
Thermal Power Tech	2			0.00	1603.73	1603.73							0.00	0.00	0.00	0.00	0.00	0.00	
CSPGCL	2			0.00	1583.90	1583.90							0.00	0.00	0.00	0.00	0.00	0.00	
Thermal Power Tech Unit II	2			0.00	3191.82	3191.82							0.00	0.00	0.00	0.00	0.00	0.00	
TOTAL OTHERS		0.00		0.00	12447.91	12447.91	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
MARKET																			
PTC					4765.83	4765.83							0.00	0.00	0.00	0.00	0.00	0.00	
RCL and Short-Term Sources (IG Wells, Kesoram)					0.00	0.00							0.00	0.00	0.00	0.00	0.00	0.00	
NPDCI					0.00	0.00							0.00	0.00	0.00	0.00	0.00	0.00	
SPDCL					2345.21	2345.21							0.00	0.00	0.00	0.00	0.00	0.00	
UI					0.00	0.00							0.00	0.00	0.00	0.00	0.00	0.00	
Other Short Term Sources					0.00	0.00							0.00	0.00	0.00	0.00	0.00	0.00	
D.D Sales/Purchase					0.00	0.00							0.00	0.00	0.00	0.00	0.00	0.00	
Interest on Pension Bonds					0.00	0.00							0.00	0.00	0.00	0.00	0.00	0.00	
STOA					0.00	0.00							0.00	0.00	0.00	0.00	0.00	0.00	
Reactive					0.00	0.00							0.00	0.00	0.00	0.00	0.00	0.00	
Wheeling KPTEL					0.00	0.00							0.00	0.00	0.00	0.00	0.00	0.00	
Wheeling Tantransco/Asset Maintenance					0.00	0.00							0.00	0.00	0.00	0.00	0.00	0.00	
Conjestion charges					0.00	0.00							0.00	0.00	0.00	0.00	0.00	0.00	
TOTAL MARKET		0.00		0.00	2420.62	2420.62	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
TOTAL (From All Sources)		0.00		0.00	45607.22	45607.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	

1) Details of NCE Plant wise to be filled in Form 1.4 [i,ii,iii,iv]
2) Hydro cost break up details to be provided based on appropriate methodology. In case it is not possible to segregate the cost
Station wise, provide the total details in the empty rows in the TSGENCO Hydro stations section saying ALL TSGENCO Hydro (Combined)

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Generating Station	Plant Type Must Run = 1 Others = 2	Plant Capacity (MW)	DISCOM's share (%)	DISCOM's share (MW)	Availability and Dispatch (MU)		Cost (Rs. Crs.)						Unit Cost (Rs. / kWh)						Remarks
					Net Availability	Dispatch	Fixed	Variable	Incentive	Income Tax	Others	Total	Fixed	Incentives	Income Tax	Others	Variable	Total	
TSGENCO																			
Thermal																			
VTFS I	2			0.00	0.00	0.00							0.00	0.00	0.00	0.00	0.00	0.00	
VTFS II	2			0.00	0.00	0.00							0.00	0.00	0.00	0.00	0.00	0.00	
VTFS III	2			0.00	0.00	0.00							0.00	0.00	0.00	0.00	0.00	0.00	
VTFS IV	2			0.00	0.00	0.00							0.00	0.00	0.00	0.00	0.00	0.00	
RTPP I	2			0.00	0.00	0.00							0.00	0.00	0.00	0.00	0.00	0.00	
RTPP Stage-II	2			0.00	0.00	0.00							0.00	0.00	0.00	0.00	0.00	0.00	
RTPP Stage-III	2			0.00	0.00	0.00							0.00	0.00	0.00	0.00	0.00	0.00	
KTPS A	2			0.00	0.00	0.00							0.00	0.00	0.00	0.00	0.00	0.00	
KTPS B	2			0.00	0.00	0.00							0.00	0.00	0.00	0.00	0.00	0.00	
KTPS C	2			0.00	0.00	0.00							0.00	0.00	0.00	0.00	0.00	0.00	

Generating Station	Plant Type Must Run = 1 Others = 2	Plant Capacity (MW)	DISCOM's share (%)	DISCOM's share (MW)	Availability and Dispatch (MU)		Cost (Rs. Crs.)						Unit Cost (Rs. / kWh)						Remarks			
					Net Availability	Dispatch	Fixed	Variable	Incentive	Income Tax	Others	Total	Fixed	Incentives	Income Tax	Others	Variable	Total				
KTPS D	2			0.00	1724.11	1724.11								0.00	0.00	0.00	0.00	0.00	0.00	0.00		
KTPS Stage VI	2			0.00	2399.17	2399.17								0.00	0.00	0.00	0.00	0.00	0.00	0.00		
RTS B	2			0.00	176.72	176.72								0.00	0.00	0.00	0.00	0.00	0.00	0.00		
NTS	2			0.00	0.00	0.00								0.00	0.00	0.00	0.00	0.00	0.00	0.00		
Kakatiya Thermal Power Plant Stage I	2			0.00	1659.79	1659.79								0.00	0.00	0.00	0.00	0.00	0.00	0.00		
Kakatiya Thermal Power Plant Stage II	2			0.00	2591.52	2591.52								0.00	0.00	0.00	0.00	0.00	0.00	0.00		
BTPS (Manuguru New Project)	2			0.00	1169.87	1169.87								0.00	0.00	0.00	0.00	0.00	0.00	0.00		
KTPS VII	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								0.00	0.00	0.00	0.00	0.00	0.00	0.00		
					0.00	0.00								0.00	0.00	0.00	0.00	0.00	0.00	0.00		
					0.00	0.00								0.00	0.00	0.00	0.00	0.00	0.00	0.00		
					0.00	0.00								0.00	0.00	0.00	0.00	0.00	0.00	0.00		
					0.00	0.00								0.00	0.00	0.00	0.00	0.00	0.00	0.00		
TOTAL THERMAL		0.00		0.00	9711.18	9711.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
MACHKUND PH TS Share	1			0.00	0.00	0.00								0.00	0.00	0.00	0.00	0.00	0.00	0.00		
TUNGBHADRA PH TS Share	1			0.00	1724.11	0.00								0.00	0.00	0.00	0.00	0.00	0.00	0.00		
USL	1			0.00	0.00	0.00								0.00	0.00	0.00	0.00	0.00	0.00	0.00		
LSR	1			0.00	0.00	0.00								0.00	0.00	0.00	0.00	0.00	0.00	0.00		
DONKARAYI	1			0.00	0.00	0.00								0.00	0.00	0.00	0.00	0.00	0.00	0.00		
SSLM	1			0.00	0.00	0.00								0.00	0.00	0.00	0.00	0.00	0.00	0.00		
NSPH	1			0.00	937.81	937.81								0.00	0.00	0.00	0.00	0.00	0.00	0.00		
NSRCPH	1			0.00	0.00	0.00								0.00	0.00	0.00	0.00	0.00	0.00	0.00		
NSLCPH	1			0.00	0.00	0.00								0.00	0.00	0.00	0.00	0.00	0.00	0.00		
POCHAMPAD PH	1			0.00	43.64	43.64								0.00	0.00	0.00	0.00	0.00	0.00	0.00		
NIZAMSAGAR PH	1			0.00	6.11	6.11								0.00	0.00	0.00	0.00	0.00	0.00	0.00		
PABM	1			0.00	0.00	0.00								0.00	0.00	0.00	0.00	0.00	0.00	0.00		
MINI HYDRO&OTHERS	1			0.00	0.00	0.00								0.00	0.00	0.00	0.00	0.00	0.00	0.00		
SINGUR	1			0.00	18.18	18.18								0.00	0.00	0.00	0.00	0.00	0.00	0.00		
SSLM LCPH	1			0.00	860.75	860.75								0.00	0.00	0.00	0.00	0.00	0.00	0.00		
Nagarjunasagar Tail Pond Dam Power House	1			0.00	0.00	0.00								0.00	0.00	0.00	0.00	0.00	0.00	0.00		
Priyadarshini Jurala Hydro Electric Project- AP Share	1			0.00	126.00	126.00								0.00	0.00	0.00	0.00	0.00	0.00	0.00		
Lower Jurala Hydro Electric Project	1			0.00	275.79	275.79								0.00	0.00	0.00	0.00	0.00	0.00	0.00		
POCHAMPAD Stage-II	1			0.00	0.00	0.00								0.00	0.00	0.00	0.00	0.00	0.00	0.00		
PULICHINTAL(New Project)	1			0.00	139.21	139.21								0.00	0.00	0.00	0.00	0.00	0.00	0.00		
Barnagiri Wind Mills	1			0.00	0.00	0.00								0.00	0.00	0.00	0.00	0.00	0.00	0.00		
Pochampad Stage-IV	1			0.00	7.25	7.25								0.00	0.00	0.00	0.00	0.00	0.00	0.00		
					0.79	0.79								0.00	0.00	0.00	0.00	0.00	0.00	0.00		
					0.00	0.00								0.00	0.00	0.00	0.00	0.00	0.00	0.00		
					0.00	0.00								0.00	0.00	0.00	0.00	0.00	0.00	0.00		
					0.00	0.00								0.00	0.00	0.00	0.00	0.00	0.00	0.00		
TOTAL HYDRO		0.00		0.00	4129.75	2415.64	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
TOTAL TSGENCO		0.00		0.00	13850.93	12126.82	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
Central Generating Stations																						
NTPC																						
NTPC (SR)																						
NTPC (SR)	2			0.00	1499.14	1499.14								0.00	0.00	0.00	0.00	0.00	0.00	0.00		
NTPC (SR) Stage III	2			0.00	353.62	353.62								0.00	0.00	0.00	0.00	0.00	0.00	0.00		
Total NTPC(SR)		0.00		0.00	1852.76	1852.76	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
NTPC (ER)																						
Farakka	2			0.00	0.00	0.00								0.00	0.00	0.00	0.00	0.00	0.00	0.00		
Kahalgaon	2			0.00	0.00	0.00								0.00	0.00	0.00	0.00	0.00	0.00	0.00		
Talcher - Stage 1	2			0.00	0.00	0.00								0.00	0.00	0.00	0.00	0.00	0.00	0.00		
Talcher Stage 2	2			0.00	1061.37	1061.37								0.00	0.00	0.00	0.00	0.00	0.00	0.00		
Others	2			0.00	0.00	0.00								0.00	0.00	0.00	0.00	0.00	0.00	0.00		
Total NTPC(ER)		0.00		0.00	1061.37	1061.37	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
Total NTPC		0.00		0.00	2914.13	2914.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
NLC TS-II																						
Stage-I	2			0.00	208.06	208.06								0.00	0.00	0.00	0.00	0.00	0.00	0.00		
Stage-II	2			0.00	222.99	222.99								0.00	0.00	0.00	0.00	0.00	0.00	0.00		
Total NLC		0.00		0.00	430.15	430.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
NPC																						
NPC-MAPS	1			0.00	49.08	49.08								0.00	0.00	0.00	0.00	0.00	0.00	0.00		
NPC-Kaiga unit I	1			0.00	742.21	742.21								0.00	0.00	0.00	0.00	0.00	0.00	0.00		
NPC-Kaiga unit II	1			0.00	0.00	0.00								0.00	0.00	0.00	0.00	0.00	0.00	0.00		
Total NPC		0.00		0.00	791.29	791.29	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		

Generating Station	Plant Type Must Run = 1 Others = 2	Plant Capacity (MW)	DISCOM's share (%)	DISCOM's share (MW)	Availability and Dispatch (MU)		Cost (Rs. Crs.)							Unit Cost (Rs. / kWh)						Remarks				
					Net Availability	Dispatch	Fixed	Variable	Incentive	Income Tax	Others	Total	Fixed	Incentives	Income Tax	Others	Variable	Total						
NTPC - Simhadri																								
NTPC Simhadri Stage I	2			0.00	1131.58	1131.58								0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
NTPC Simhadri Stage II	2			0.00	770.72	770.72								0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Total NTPC - Simhadri		0.00		0.00	1902.30	1902.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
CGS - New																								
Vallur Thermal Power Plant	2			0.00	153.54	153.54								0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Tuticorin/NLC Tamilnadu Power Ltd	2			0.00	568.77	568.77								0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
NPC-Kundrikulam	1			0.00	207.65	207.65								0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Kudigi	2			0.00	379.87	379.87								0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
NTPC Aravali Power	2			0.00	143.74	143.74								0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
NCE-Bundled Power (NVNVL) coal	1				815.71	815.71								0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
					133.94	133.94								0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
					0.00	0.00								0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
					0.00	0.00								0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
TOTAL CGS		0.00		0.00	8441.08	8441.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
APGPCL																								
APGPCL I - Allocated capacity	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	0.00	
APGPCL I - Unutilised capacity	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	0.00	
APGPCL II - Allocated capacity	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	0.00	
APGPCL II - Unutilised capacity	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	0.00	
Total APGPCL		0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
IPPS																								
GVK	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	
Spectrum	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	
Kondapalli (Naphtha)	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	
Kondapalli (Gas)	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	
BSES	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	
GVK Extension	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	
Vemagiri	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	
Gautami	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	
Konaseema	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	
					0.00	0.00								0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
					0.00	0.00								0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
					0.00	0.00								0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
					0.00	0.00								0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
TOTAL IPPS		0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
NCE																								
NCE - Bio-Mass	1			0.00	54.51	54.51								0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
NCE - Bagasse	1			0.00	8.60	8.60								0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
NCE - Municipal Waste to Energy	1			0.00	58.55	58.55								0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
NCE - Industrial Waste based power project	1			0.00	35.99	35.99								0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
NCE - Wind Power	1			0.00	191.55	191.55								0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
NCE - Mini Hydel	1			0.00	2.83	2.83								0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
NCE - NCL Energy Ltd	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	0.00	
NCE-Solar	1			0.00	3553.00	3553.00								0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
NCE-Others	1			0.00	36.53	36.53								0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
				0.00	575.01	575.01								0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
					0.00	0.00								0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
					0.00	0.00								0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
					0.00	0.00								0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
					0.00	0.00								0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
TOTAL NCE		0.00		0.00	4516.58	4516.58	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	

Generating Station	Plant Type Must Run = 1 Others = 2	Plant Capacity	DISCOM's share	DISCOM's share	Availability and Dispatch (MU)		Cost (Rs. Crs.)						Unit Cost (Rs. / kWh)						Remarks
					Net Availability	Dispatch	Fixed	Variable	Incentive	Income Tax	Others	Total	Fixed	Incentives	Income Tax	Others	Variable	Total	
OTHERS																			
Sivalma	2			0.00	0.00	0.00							0.00	0.00	0.00	0.00	0.00	0.00	
LVS	2			0.00	0.00	0.00							0.00	0.00	0.00	0.00	0.00	0.00	
Vishakapatnam Steel Plant	2			0.00	0.00	0.00							0.00	0.00	0.00	0.00	0.00	0.00	
NB Ferro Alloys	2			0.00	0.00	0.00							0.00	0.00	0.00	0.00	0.00	0.00	
Singareni I & II	2			0.00	4850.08	4850.08							0.00	0.00	0.00	0.00	0.00	0.00	
Thermal Power Tech	2			0.00	2967.73	2967.73							0.00	0.00	0.00	0.00	0.00	0.00	
CSPGCL	2			0.00	2310.75	2310.75							0.00	0.00	0.00	0.00	0.00	0.00	
Thermal Power Tech Unit II	2			0.00	1325.47	1325.47							0.00	0.00	0.00	0.00	0.00	0.00	
					0.00	0.00							0.00	0.00	0.00	0.00	0.00	0.00	
					0.00	0.00							0.00	0.00	0.00	0.00	0.00	0.00	
					0.00	0.00							0.00	0.00	0.00	0.00	0.00	0.00	
					0.00	0.00							0.00	0.00	0.00	0.00	0.00	0.00	
TOTAL OTHERS		0.00		0.00	11454.02	11454.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
MARKET																			
PTC					6330.21	6330.21							0.00	0.00	0.00	0.00	0.00	0.00	
FTCL and Short-Term Sources(G.Wells,Kesoram)					-2174.46	-2174.46							0.00	0.00	0.00	0.00	0.00	0.00	
NPDCL					-757.79	-757.79							0.00	0.00	0.00	0.00	0.00	0.00	
SPDCL					0.00	0.00							0.00	0.00	0.00	0.00	0.00	0.00	
UI					0.00	0.00							0.00	0.00	0.00	0.00	0.00	0.00	
Other Short Term Sources					0.00	0.00							0.00	0.00	0.00	0.00	0.00	0.00	
D-D Sales/Purchase					0.00	0.00							0.00	0.00	0.00	0.00	0.00	0.00	
Interest on Pension Bonds					0.00	0.00							0.00	0.00	0.00	0.00	0.00	0.00	
STCA					0.00	0.00							0.00	0.00	0.00	0.00	0.00	0.00	
Reserve					0.00	0.00							0.00	0.00	0.00	0.00	0.00	0.00	
Wheeling KPTCL					0.00	0.00							0.00	0.00	0.00	0.00	0.00	0.00	
Wheeling Tanransco/Asset Maintenance					0.00	0.00							0.00	0.00	0.00	0.00	0.00	0.00	
Conjestion charges					0.00	0.00							0.00	0.00	0.00	0.00	0.00	0.00	
					0.00	0.00							0.00	0.00	0.00	0.00	0.00	0.00	
					0.00	0.00							0.00	0.00	0.00	0.00	0.00	0.00	
					0.00	0.00							0.00	0.00	0.00	0.00	0.00	0.00	
					0.00	0.00							0.00	0.00	0.00	0.00	0.00	0.00	
TOTAL MARKET		0.00		0.00	3397.95	3397.95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
TOTAL (From All Sources)		0.00		0.00	41660.57	39936.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	

NOTE:
1) Details of NCE Plant wise to be filled in Form 1.4 [i,ii,iii,v]
2) Hydro cost break up details to be provided based on appropriate methodology. In case it is not possible to segregate the cost
Station wise, provide the total details in the empty rows in the TSGENCO Hydro stations section saying ALL

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Generating Station	Plant Type Must Run = 1 Others = 2	Plant Capacity	DISCOM's share	DISCOM's share	Availability and Dispatch (MU)		Cost (Rs. Crs.)						Unit Cost (Rs. / kWh)						Remarks
					Net Availability	Dispatch	Fixed	Variable	Incentive	Income Tax	Others	Total	Fixed	Incentives	Income Tax	Others	Variable	Total	
TSGENCO																			
Thermal																			
VTPS I	2			0.00									0.00	0.00	0.00	0.00	0.00	0.00	
VTPS II	2			0.00									0.00	0.00	0.00	0.00	0.00	0.00	
VTPS III	2			0.00									0.00	0.00	0.00	0.00	0.00	0.00	
VTPS IV	2			0.00									0.00	0.00	0.00	0.00	0.00	0.00	
RTPP I	2			0.00									0.00	0.00	0.00	0.00	0.00	0.00	
RTPP Stage-II	2			0.00									0.00	0.00	0.00	0.00	0.00	0.00	
RTPP Stage-III	2			0.00									0.00	0.00	0.00	0.00	0.00	0.00	
KTPS A	2			0.00									0.00	0.00	0.00	0.00	0.00	0.00	
KTPS B	2			0.00									0.00	0.00	0.00	0.00	0.00	0.00	
KTPS C	2			0.00									0.00	0.00	0.00	0.00	0.00	0.00	
KTPS D	2			0.00									0.00	0.00	0.00	0.00	0.00	0.00	
KTPS Stage VI	2			0.00									0.00	0.00	0.00	0.00	0.00	0.00	
RTS B	2			0.00									0.00	0.00	0.00	0.00	0.00	0.00	
NTS	2			0.00									0.00	0.00	0.00	0.00	0.00	0.00	
Kakatiya Thermal Power Plant Stage I	2			0.00									0.00	0.00	0.00	0.00	0.00	0.00	

Generating Station	Plant Type Must Run = 1 Others = 2	Plant Capacity (MW)	DISCOM's share (%)	DISCOM's share (MW)	Availability and Dispatch (MU)		Cost (Rs. Crs.)						Unit Cost (Rs. / kWh)						Remarks			
					Net Availability	Dispatch	Fixed	Variable	Incentive	Income Tax	Others	Total	Fixed	Incentives	Income Tax	Others	Variable	Total				
Kakatiya Thermal Power Plant Stage II	2			0.00									0.00	0.00	0.00	0.00	0.00	0.00	0.00			
BTPS (Maruguru New Project)	2			0.00									0.00	0.00	0.00	0.00	0.00	0.00	0.00			
KTPS VII	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	0.00	0.00	0.00			
													0.00	0.00	0.00	0.00	0.00	0.00	0.00			
													0.00	0.00	0.00	0.00	0.00	0.00	0.00			
													0.00	0.00	0.00	0.00	0.00	0.00	0.00			
													0.00	0.00	0.00	0.00	0.00	0.00	0.00			
													0.00	0.00	0.00	0.00	0.00	0.00	0.00			
TOTAL THERMAL		0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
MACHKUND PH TS Share	1			0.00									0.00	0.00	0.00	0.00	0.00	0.00	0.00			
TUNGBHADRA PH TS Share	1			0.00									0.00	0.00	0.00	0.00	0.00	0.00	0.00			
USL	1			0.00									0.00	0.00	0.00	0.00	0.00	0.00	0.00			
LSR	1			0.00									0.00	0.00	0.00	0.00	0.00	0.00	0.00			
DONKARAYI	1			0.00									0.00	0.00	0.00	0.00	0.00	0.00	0.00			
SSLM	1			0.00									0.00	0.00	0.00	0.00	0.00	0.00	0.00			
NSPH	1			0.00									0.00	0.00	0.00	0.00	0.00	0.00	0.00			
NSRCPH	1			0.00									0.00	0.00	0.00	0.00	0.00	0.00	0.00			
NSLCPH	1			0.00									0.00	0	0.00	0.00	0.00	0.00	0			
POCHAMPAD PH	1			0.00									0.00	0.00	0.00	0.00	0.00	0.00	0.00			
NIZAMSAGAR PH	1			0.00									0.00	0.00	0.00	0.00	0.00	0.00	0.00			
PABM	1			0.00									0.00	0.00	0.00	0.00	0.00	0.00	0.00			
MINI HYDRO&OTHERS	1			0.00									0.00	0.00	0.00	0.00	0.00	0.00	0.00			
SINGUR	1			0.00									0.00	0.00	0.00	0.00	0.00	0.00	0.00			
SSEM_LCPH	1			0.00									0.00	0.00	0.00	0.00	0.00	0.00	0.00			
Nagarjunsagar Tail Pond Dam Power House	1			0.00									0.00	0.00	0.00	0.00	0.00	0.00	0.00			
Priyadarshini Jurala Hydro Electric Project- AP Share	1			0.00									0.00	0.00	0.00	0.00	0.00	0.00	0.00			
Lower Jurala Hydro Electric Project	1			0.00									0.00	0.00	0.00	0.00	0.00	0.00	0.00			
POCHAMPAD Stage-II	1			0.00									0.00	0.00	0.00	0.00	0.00	0.00	0.00			
PULICHINTAL(New Project)	1			0.00									0.00	0.00	0.00	0.00	0.00	0.00	0.00			
Ramagiri Wind Mills	1			0.00									0.00	0.00	0.00	0.00	0.00	0.00	0.00			
Pochampad Stage-IV	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	0.00	0.00	0.00			
													0.00	0.00	0.00	0.00	0.00	0.00	0.00			
													0.00	0.00	0.00	0.00	0.00	0.00	0.00			
													0.00	0.00	0.00	0.00	0.00	0.00	0.00			
TOTAL HYDRO		0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
TOTAL TSGENCO		0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
Central Generating Stations																						
NTPC																						
NTPC (SR)																						
NTPC (SR)	2			0.00									0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
NTPC (SR) Stage III	2			0.00									0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
Total NTPC(SR)		0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
NTPC (ER)																						
Farakka	2												0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
Kahalgaon	2			0.00									0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
Talcher - Stage 1	2			0.00									0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
Talcher Stage 2	2			0.00									0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
Others	2			0.00									0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
Total NTPC(ER)		0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
Total NTPC		0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
NLC TS-II																						
Stage-I	2			0.00									0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
Stage-II	2			0.00									0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
Total NLC		0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
NPC																						
NPC-MAPS	1			0.00									0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
NPC-Kaiga unit I	1			0.00									0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
NPC-Kaiga unit II	1			0.00									0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
Total NPC		0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
NTPC - Simhadri																						
NTPC Simhadri Stage I	2			0.00									0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
NTPC Simhadri Stage II	2			0.00									0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
Total NTPC-Simhadri		0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		

Generating Station	Plant Type Must Run = 1 Others = 2	Plant Capacity (MW)	DISCOM's share (%)	DISCOM's share (MW)	Availability and Dispatch (MU)		Cost (Rs. Crs.)						Unit Cost (Rs. / kWh)						Remarks
					Net Availability	Dispatch	Fixed	Variable	Incentive	Income Tax	Others	Total	Fixed	Incentives	Income Tax	Others	Variable	Total	
CGS - New																			
Vallur Thermal Power Plant	2			0.00										0.00	0.00	0.00	0.00	0.00	0.00
Tuticorin/NLC Tamilnadu Power Ltd	2			0.00										0.00	0.00	0.00	0.00	0.00	0.00
NPC-Kundrikulam	1			0.00										0.00	0.00	0.00	0.00	0.00	0.00
Kudigi	2			0.00										0.00	0.00	0.00	0.00	0.00	0.00
NTPC Aravali Power				0.00										0.00	0.00	0.00	0.00	0.00	0.00
NCE-Bundled Power (NVVNL) coal	1			0.00										0.00	0.00	0.00	0.00	0.00	0.00
TOTAL CGS		0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
APGPCL																			
APGPCL I - Allocated capacity	2			0.00										0.00	0.00	0.00	0.00	0.00	0.00
APGPCL I - Unutilised capacity	2			0.00										0.00	0.00	0.00	0.00	0.00	0.00
APGPCL II - Allocated capacity	2			0.00										0.00	0.00	0.00	0.00	0.00	0.00
APGPCL II - Unutilised capacity	2			0.00										0.00	0.00	0.00	0.00	0.00	0.00
Total Apgpcl		0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
IPPS																			
GVK	2													0.00	0.00	0.00	0.00	0.00	0.00
Spectrum	2													0.00	0.00	0.00	0.00	0.00	0.00
Kondapalli (Naphtha)	2													0.00	0.00	0.00	0.00	0.00	0.00
Kondapalli (Gas)	2													0.00	0.00	0.00	0.00	0.00	0.00
BSES	2													0.00	0.00	0.00	0.00	0.00	0.00
GVK Extension	2													0.00	0.00	0.00	0.00	0.00	0.00
Vemagiri	2													0.00	0.00	0.00	0.00	0.00	0.00
Gaslamii	2													0.00	0.00	0.00	0.00	0.00	0.00
Konasaema	2													0.00	0.00	0.00	0.00	0.00	0.00
TOTAL IPPS		0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NCE																			
NCE - Bio-Mass	1			0.00										0.00	0.00	0.00	0.00	0.00	0.00
NCE - Bagasse	1			0.00										0.00	0.00	0.00	0.00	0.00	0.00
NCE - Municipal Waste to Energy	1			0.00										0.00	0.00	0.00	0.00	0.00	0.00
NCE - Industrial Waste based power project	1			0.00										0.00	0.00	0.00	0.00	0.00	0.00
NCE - Wind Power	1			0.00										0.00	0.00	0.00	0.00	0.00	0.00
NCE - Mini Hydel	1			0.00										0.00	0.00	0.00	0.00	0.00	0.00
NCE - NCL Energy Ltd	1			0.00										0.00	0.00	0.00	0.00	0.00	0.00
NCE-Solar	1			0.00										0.00	0.00	0.00	0.00	0.00	0.00
NCE-Others	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	0.00	0.00
				0.00										0.00	0.00	0.00	0.00	0.00	0.00
				0.00										0.00	0.00	0.00	0.00	0.00	0.00
				0.00										0.00	0.00	0.00	0.00	0.00	0.00
				0.00										0.00	0.00	0.00	0.00	0.00	0.00
				0.00										0.00	0.00	0.00	0.00	0.00	0.00
TOTAL NCE		0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
OTHERS																			
Srivatha	2			0.00										0.00	0.00	0.00	0.00	0.00	0.00
LVS	2			0.00										0.00	0.00	0.00	0.00	0.00	0.00
Vishakapatnam Steel Plant	2			0.00										0.00	0.00	0.00	0.00	0.00	0.00
NB Ferro Alloys	2			0.00										0.00	0.00	0.00	0.00	0.00	0.00
Singaram I & II	2			0.00										0.00	0.00	0.00	0.00	0.00	0.00
Thermal Power Tech	2			0.00										0.00	0.00	0.00	0.00	0.00	0.00
CSPGCL	2			0.00										0.00	0.00	0.00	0.00	0.00	0.00
Thermal Power Tech Unit II	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	0.00	0.00
				0.00										0.00	0.00	0.00	0.00	0.00	0.00
				0.00										0.00	0.00	0.00	0.00	0.00	0.00
				0.00										0.00	0.00	0.00	0.00	0.00	0.00
TOTAL OTHERS		0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MARKET																			
PTC														0.00	0.00	0.00	0.00	0.00	0.00
RCL and Short-Term Sources(IG Wells,Kesoram)														0.00	0.00	0.00	0.00	0.00	0.00

Generating Station	Plant Type Must Run = 1 Others = 2	Plant Capacity (MW)	DISCOM's share (%)	DISCOM's share (MW)	Availability and Dispatch (MU)		Cost (Rs. Crs.)						Unit Cost (Rs. / kWh)						Remarks		
					Net Availability	Dispatch	Fixed	Variable	Incentive	Income Tax	Others	Total	Fixed	Incentives	Income Tax	Others	Variable	Total			
NPDCL													0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
SFDCL													0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
UI													0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Other Short Term Sources													0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
D-D Sales/Purchase													0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Interest on Pension Bonds													0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
STOA													0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Reactive													0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Wheeling KPTCL													0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Wheeling Tanransco/Asset Maintenance													0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Conjestion charges													0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
													0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
													0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
													0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
													0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
													0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
													0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
													0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
TOTAL MARKET		0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
TOTAL (From All Sources)		0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	

1) Details of NCE Plant wise to be filled in Form 1.4 [i,ii,iii,iv]
2) Hydro cost break up details to be provided based on appropriate methodology. In case it is not possible to segregate the cost
Station wise, provide the total details in the empty rows in the TSGENCO Hydro stations section saying ALL

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Generating Station	Plant Type Must Run = 1 Others = 2	Plant Capacity (MW)	DISCOM's share (%)	DISCOM's share (MW)	Availability and Dispatch (MU)		Cost (Rs. Crs.)						Unit Cost (Rs. / kWh)						Remarks		
					Net Availability	Dispatch	Fixed	Variable	Incentive	Income Tax	Others	Total	Fixed	Incentives	Income Tax	Others	Variable	Total			
TSGENCO																					
Thermal																					
VTPS I	2			0.00	0.00	0.00							0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
VTPS II	2			0.00	0.00	0.00							0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
VTPS III	2			0.00	0.00	0.00							0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
VTPS IV	2			0.00	0.00	0.00							0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
RTPP I	2			0.00	0.00	0.00							0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
RTPP Stage-II	2			0.00	0.00	0.00							0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
RTPP Stage-III	2			0.00	0.00	0.00							0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
KTPS A	2			0.00	0.00	0.00							0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
KTPS B	2			0.00	0.00	0.00							0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
KTPS C	2			0.00	0.00	0.00							0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
KTPS D	2			0.00	0.00	0.00							0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
KTPS Stage VI	2			0.00	2249.08	2249.08							0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
RTS B	2			0.00	2286.67	2286.67							0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
NTS	2			0.00	260.80	99.32							0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Kakatiya Thermal Power Plant Stage I	2			0.00	0.00	0.00							0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Kakatiya Thermal Power Plant Stage II	2			0.00	2286.67	2286.67							0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
BTPS (Manuguru New Project)	2			0.00	2758.83	2758.83							0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
KTPS VII	2			0.00	1298.49	1298.49							0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
					1298.49	1298.49							0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
					1298.49	1298.49							0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
					1297.79	1297.79							0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
					3981.89	3981.89							0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
					338.19	338.19							0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
TOTAL THERMAL		0.00		0.00	19355.38	19193.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
MACHKUND PH TS Share	1			0.00	0.00	0.00							0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
TUNGBHADRA PH TS Share	1			0.00	0.00	0.00							0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
USL	1			0.00	0.00	0.00							0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
LSR	1			0.00	0.00	0.00							0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
DONKARAYI	1			0.00	0.00	0.00							0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
SSLM	1			0.00	0.00	0.00							0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
NSPH	1			0.00	0.00	0.00							0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
NSRCPH	1			0.00	1136.84	1136.84							0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
NSLCPH	1			0.00	0.00	0.00							0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
POCHAMPAD PH	1			0.00	41.55	41.55							0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
NIZAMSAGAR PH	1			0.00	42.57	42.57							0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
PABM	1			0.00	12.08	12.08							0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
MINI HYDRO&OTHERS	1			0.00	0.00	0.00							0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
SINGUR	1			0.00	0.00	0.00							0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
SSLM LCPH	1			0.00	10.45	10.45							0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Nagarjunsagar Tail Pond Dam Power House	1			0.00	1068.99	1068.99							0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Priyadarshini Jurala Hydro Electric Project- AP Share	1			0.00	0.00	0.00							0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Lower Jurala Hydro Electric Project	1			0.00	119.52	119.52							0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
POCHAMPAD Stage-II	1			0.00	240.31	240.31							0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	

Generating Station	Plant Type Must Run = 1 Others = 2	Plant Capacity (MW)	DISCOM's share (%)	DISCOM's share (MW)	Availability and Dispatch (MU)		Cost (Rs. Crs.)						Unit Cost (Rs. / kWh)						Remarks	
					Net Availability	Dispatch	Fixed	Variable	Incentive	Income Tax	Others	Total	Fixed	Incentives	Income Tax	Others	Variable	Total		
PULICHINTAL(New Project)	1			0.00	13.86	13.86							0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Ramagiri Wind Mills	1			0.00	128.22	128.22							0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Pochampad Stage-IV	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							0.00	0.00	0.00	0.00	0.00	0.00	0.00	
					7.62	7.62							0.00	0.00	0.00	0.00	0.00	0.00	0.00	
					0.00	0.00							0.00	0.00	0.00	0.00	0.00	0.00	0.00	
					0.00	0.00							0.00	0.00	0.00	0.00	0.00	0.00	0.00	
					0.00	0.00							0.00	0.00	0.00	0.00	0.00	0.00	0.00	
					0.00	0.00							0.00	0.00	0.00	0.00	0.00	0.00	0.00	
TOTAL HYDRO		0.00		0.00	2822.00	2822.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
TOTAL TSGENCO		0.00		0.00	22177.38	22015.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Central Generating Stations																				
NTPC																				
NTPC (SR)																				
NTPC (SR)	2			0.00	0.00	0.00							0.00	0.00	0.00	0.00	0.00	0.00	0.00	
NTPC (SR) Stage III	2			0.00	1892.86	170.64							0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Total NTPC(SR)		0.00		0.00	1892.86	170.64	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
NTPC (ER)																				
Farakka	2				0.00	0.00							0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Kahalgaoon	2			0.00	0.00	0.00							0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Talcher - Stage 1	2			0.00	0.00	0.00							0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Talcher Stage 2	2			0.00	0.00	0.00							0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Others	2			0.00	1156.27	1156.27							0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Total NTPC(ER)		0.00		0.00	1156.27	1156.27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Total NTPC		0.00		0.00	3049.13	1326.91	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
NLC TS-II																				
Stage-I	2			0.00	0.00	0.00							0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Stage-II	2			0.00	279.10	279.10							0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Total NLC		0.00		0.00	279.10	279.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
NPC																				
NPC-MAPS	1			0.00	0.00	0.00							0.00	0.00	0.00	0.00	0.00	0.00	0.00	
NPC-Kaiga unit I	1			0.00	41.42	41.42							0.00	0.00	0.00	0.00	0.00	0.00	0.00	
NPC-Kaiga unit II	1			0.00	319.84	319.84							0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Total NPC		0.00		0.00	361.26	361.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
NTPC - Simhadri																				
NTPC Simhadri Stage I	2			0.00	0.00	0.00							0.00	0.00	0.00	0.00	0.00	0.00	0.00	
NTPC Simhadri Stage II	2			0.00	2942.32	1588.71							0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Total NTPC- Simhadri		0.00		0.00	2942.32	1588.71	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
CGS - New																				
Vallur Thermal Power Plant	2			0.00	0.00	0.00							0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Tuticorin/NLC Tamilnadu Power Ltd	2			0.00	588.83	588.83							0.00	0.00	0.00	0.00	0.00	0.00	0.00	
NPC-Kundhukulam	1			0.00	753.89	753.89							0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Kudgi	2			0.00	202.95	202.95							0.00	0.00	0.00	0.00	0.00	0.00	0.00	
NTPC Aravali Power	2			0.00	1507.23	717.58							0.00	0.00	0.00	0.00	0.00	0.00	0.00	
NCE-Bundled Power (NVVNL) coal	1				237.30	237.30							0.00	0.00	0.00	0.00	0.00	0.00	0.00	
					981.14	981.14							0.00	0.00	0.00	0.00	0.00	0.00	0.00	
					142.06	142.06							0.00	0.00	0.00	0.00	0.00	0.00	0.00	
					142.06	142.06							0.00	0.00	0.00	0.00	0.00	0.00	0.00	
TOTAL CGS		0.00		0.00	13656.25	9790.77	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
APGPCL																				
APGPCL I - Allocated capacity	2			0.00	0.00	0.00							0.00	0.00	0.00	0.00	0.00	0.00	0.00	
APGPCL I - Unutilised capacity	2			0.00	0.00	0.00							0.00	0.00	0.00	0.00	0.00	0.00	0.00	
APGPCL II - Allocated capacity	2			0.00	0.00	0.00							0.00	0.00	0.00	0.00	0.00	0.00	0.00	
APGPCL II - Unutilised capacity	2			0.00	0.00	0.00							0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Total APGPCL		0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
IPPS																				
GVK	2				0.00	0.00							0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Spectrum	2				0.00	0.00							0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Kondapalli (Naphtha)	2				0.00	0.00							0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Kondapalli (Gas)	2				0.00	0.00							0.00	0.00	0.00	0.00	0.00	0.00	0.00	
BSES	2				0.00	0.00							0.00	0.00	0.00	0.00	0.00	0.00	0.00	
GVK Extension	2				0.00	0.00							0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Vemagiri	2				0.00	0.00							0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Gautami	2				0.00	0.00							0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Koraseema	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	0.00	0.00	0.00	0.00	0.00	0.00	
					0.00	0.00							0.00	0.00	0.00	0.00	0.00	0.00	0.00	
					0.00	0.00							0.00	0.00	0.00	0.00	0.00	0.00	0.00	
					0.00	0.00														

Generating Station	Plant Type Must Run = 1 Others = 2	Plant Capacity (MW)	DISCOM's share (%)	DISCOM's share (MW)	Availability and Dispatch (MU)		Cost (Rs. Crs.)							Unit Cost (Rs. / kWh)					Remarks		
					Net Availability	Dispatch	Fixed	Variable	Incentive	Income Tax	Others	Total	Fixed	Incentives	Income Tax	Others	Variable	Total			
NCE																					
NCE - Bio-Mass	1			0.00	0.00	0.00									0.00	0.00	0.00	0.00	0.00	0.00	
NCE - Bagasse	1			0.00	34.91	34.91									0.00	0.00	0.00	0.00	0.00	0.00	
NCE - Municipal Waste to Energy	1			0.00	3.47	3.47									0.00	0.00	0.00	0.00	0.00	0.00	
NCE - Industrial Waste based power project	1			0.00	126.98	126.98									0.00	0.00	0.00	0.00	0.00	0.00	
NCE - Wind Power	1			0.00	41.84	41.84									0.00	0.00	0.00	0.00	0.00	0.00	
NCE - Mini Hydel	1			0.00	257.06	257.06									0.00	0.00	0.00	0.00	0.00	0.00	
NCE - NCL Energy Ltd	1			0.00	0.24	0.24									0.00	0.00	0.00	0.00	0.00	0.00	
NCE-Solar	1			0.00	0.00	0.00									0.00	0.00	0.00	0.00	0.00	0.00	
NCE-Others	1			0.00	3544.86	3544.86									0.00	0.00	0.00	0.00	0.00	0.00	
				0.00	34.47	34.47									0.00	0.00	0.00	0.00	0.00	0.00	
				0.00	579.30	579.30									0.00	0.00	0.00	0.00	0.00	0.00	
				0.00	1231.32	1231.32									0.00	0.00	0.00	0.00	0.00	0.00	
				0.00	416.71	416.71									0.00	0.00	0.00	0.00	0.00	0.00	
				0.00	0.00	0.00									0.00	0.00	0.00	0.00	0.00	0.00	
				0.00	0.00	0.00									0.00	0.00	0.00	0.00	0.00	0.00	
TOTAL NCE		0.00		0.00	6271.16	6271.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
OTHERS																					
Srivatha	2			0.00	0.00	0.00									0.00	0.00	0.00	0.00	0.00	0.00	
LVS	2			0.00	0.00	0.00									0.00	0.00	0.00	0.00	0.00	0.00	
Vishakapatnam Steel Plant	2			0.00	0.00	0.00									0.00	0.00	0.00	0.00	0.00	0.00	
NB Ferro Alloys	2			0.00	0.00	0.00									0.00	0.00	0.00	0.00	0.00	0.00	
Singaram I & II	2			0.00	0.00	0.00									0.00	0.00	0.00	0.00	0.00	0.00	
Thermal Power Tech	2			0.00	6380.81	5267.26									0.00	0.00	0.00	0.00	0.00	0.00	
CSPGCL	2			0.00	1581.99	1581.99									0.00	0.00	0.00	0.00	0.00	0.00	
Thermal Power Tech Unit II	2			0.00	4479.63	4479.63									0.00	0.00	0.00	0.00	0.00	0.00	
				0.00	3346.57	3346.57									0.00	0.00	0.00	0.00	0.00	0.00	
				0.00	0.00	0.00									0.00	0.00	0.00	0.00	0.00	0.00	
				0.00	0.00	0.00									0.00	0.00	0.00	0.00	0.00	0.00	
				0.00	0.00	0.00									0.00	0.00	0.00	0.00	0.00	0.00	
TOTAL OTHERS		0.00		0.00	15788.99	14675.44	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
MARKET																					
PTC					0.00	0.00									0.00	0.00	0.00	0.00	0.00	0.00	
RCL and Short-Term Sources(G Wells,Kesoram)					965.72	965.72									0.00	0.00	0.00	0.00	0.00	0.00	
NPDCCL					0.00	4074.07									0.00	0.00	0.00	0.00	0.00	0.00	
SPDCCL					0.00	0.00									0.00	0.00	0.00	0.00	0.00	0.00	
UI					0.00	0.00									0.00	0.00	0.00	0.00	0.00	0.00	
Other Short Term Sources					0.00	0.00									0.00	0.00	0.00	0.00	0.00	0.00	
D-D Sales/Purchase					0.00	0.00									0.00	0.00	0.00	0.00	0.00	0.00	
Interest on Pension Bonds					0.00	0.00									0.00	0.00	0.00	0.00	0.00	0.00	
STOA					0.00	0.00									0.00	0.00	0.00	0.00	0.00	0.00	
Reactive					0.00	0.00									0.00	0.00	0.00	0.00	0.00	0.00	
Wheeling KPTEL					0.00	0.00									0.00	0.00	0.00	0.00	0.00	0.00	
Wheeling Tantranco/Asset Maintenance					0.00	0.00									0.00	0.00	0.00	0.00	0.00	0.00	
Conjestion charges					0.00	0.00									0.00	0.00	0.00	0.00	0.00	0.00	
					0.00	0.00									0.00	0.00	0.00	0.00	0.00	0.00	
					0.00	0.00									0.00	0.00	0.00	0.00	0.00	0.00	
					0.00	0.00									0.00	0.00	0.00	0.00	0.00	0.00	
					0.00	0.00									0.00	0.00	0.00	0.00	0.00	0.00	
TOTAL MARKET		0.00		0.00	965.72	-3108.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
TOTAL (From All Sources)		0.00		0.00	58859.50	49644.92	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	

Note:
1) Details of NCE Plant wise to be filled in Form 1.4 (i,ii,iii,iv)

Generating Station	Plant Type Must Run = 1 Others = 2	Plant Capacity (MW)	DISCOM's share (%)	DISCOM's share (MW)	Availability and Dispatch (MU)		Cost (Rs. Crs.)							Unit Cost (Rs. / kWh)					Remarks		
					Net Availability	Dispatch	Fixed	Variable	Incentive	Income Tax	Others	Total	Fixed	Incentives	Income Tax	Others	Variable	Total			
TSGENCO																					
Thermal																					
VTFS I	2			0.00	0.00	0.00									0.00	0.00	0.00	0.00	0.00	0.00	
VTFS II	2			0.00	0.00	0.00									0.00	0.00	0.00	0.00	0.00	0.00	
VTFS III	2			0.00	0.00	0.00									0.00	0.00	0.00	0.00	0.00	0.00	
VTFS IV	2			0.00	0.00	0.00									0.00	0.00	0.00	0.00	0.00	0.00	
RTPP I	2			0.00	0.00	0.00									0.00	0.00	0.00	0.00	0.00	0.00	
RTPP Stage-II	2			0.00	0.00	0.00									0.00	0.00	0.00	0.00	0.00	0.00	
RTPP Stage-III	2			0.00	0.00	0.00									0.00	0.00	0.00	0.00	0.00	0.00	
KTPS A	2			0.00	0.00	0.00									0.00	0.00	0.00	0.00	0.00	0.00	
KTPS B	2			0.00	0.00	0.00									0.00	0.00	0.00	0.00	0.00	0.00	
KTPS C	2			0.00	0.00	0.00									0.00	0.00	0.00	0.00	0.00	0.00	

Generating Station	Plant Type Must Run = 1 Others = 2	Plant Capacity (MW)	DISCOM's share (%)	DISCOM's share (MW)	Availability and Dispatch (MU)		Cost (Rs. Crs.)						Unit Cost (Rs. / kWh)						Remarks		
					Net Availability	Dispatch	Fixed	Variable	Incentive	Income Tax	Others	Total	Fixed	Incentives	Income Tax	Others	Variable	Total			
KTSP D	2			0.00	0.00	0.00							0.00	0.00	0.00	0.00	0.00	0.00	0.00		
KTSP Stage VI	2			0.00	0.00	0.00							0.00	0.00	0.00	0.00	0.00	0.00	0.00		
RTS B	2			0.00	0.00	0.00							0.00	0.00	0.00	0.00	0.00	0.00	0.00		
NTS	2			0.00	0.00	0.00							0.00	0.00	0.00	0.00	0.00	0.00	0.00		
Kakatiya Thermal Power Plant Stage I	2			0.00	0.00	0.00							0.00	0.00	0.00	0.00	0.00	0.00	0.00		
Kakatiya Thermal Power Plant Stage II	2			0.00	0.00	0.00							0.00	0.00	0.00	0.00	0.00	0.00	0.00		
BTPS (Manuguru New Project)	2			0.00	0.00	0.00							0.00	0.00	0.00	0.00	0.00	0.00	0.00		
KTSP VII	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							0.00	0.00	0.00	0.00	0.00	0.00	0.00		
					0.00	0.00							0.00	0.00	0.00	0.00	0.00	0.00	0.00		
					0.00	0.00							0.00	0.00	0.00	0.00	0.00	0.00	0.00		
					0.00	0.00							0.00	0.00	0.00	0.00	0.00	0.00	0.00		
TOTAL THERMAL		0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
MACHKUND PH TS Share	1			0.00	0.00	0.00							0.00	0.00	0.00	0.00	0.00	0.00	0.00		
TUNGBHADRA PH TS Share	1			0.00	0.00	0.00							0.00	0.00	0.00	0.00	0.00	0.00	0.00		
USL	1			0.00	0.00	0.00							0.00	0.00	0.00	0.00	0.00	0.00	0.00		
LSR	1			0.00	0.00	0.00							0.00	0.00	0.00	0.00	0.00	0.00	0.00		
DONKARAYI	1			0.00	0.00	0.00							0.00	0.00	0.00	0.00	0.00	0.00	0.00		
SSLM	1			0.00	0.00	0.00							0.00	0.00	0.00	0.00	0.00	0.00	0.00		
NSPH	1			0.00	0.00	0.00							0.00	0.00	0.00	0.00	0.00	0.00	0.00		
NSRCPH	1			0.00	0.00	0.00							0.00	0.00	0.00	0.00	0.00	0.00	0.00		
NSLCPH	1			0.00	0.00	0.00							0.00	0.00	0.00	0.00	0.00	0.00	0.00		
POCHAMPAD PH	1			0.00	0.00	0.00							0.00	0.00	0.00	0.00	0.00	0.00	0.00		
NIZAMSAGAR PH	1			0.00	0.00	0.00							0.00	0.00	0.00	0.00	0.00	0.00	0.00		
PABM	1			0.00	0.00	0.00							0.00	0.00	0.00	0.00	0.00	0.00	0.00		
MINI HYDRO&OTHERS	1			0.00	0.00	0.00							0.00	0.00	0.00	0.00	0.00	0.00	0.00		
SINGUR	1			0.00	0.00	0.00							0.00	0.00	0.00	0.00	0.00	0.00	0.00		
SSLM LCPH	1			0.00	0.00	0.00							0.00	0.00	0.00	0.00	0.00	0.00	0.00		
Nagarjunasagar Tail Pond Dam Power House	1			0.00	0.00	0.00							0.00	0.00	0.00	0.00	0.00	0.00	0.00		
Priyadarshini Jurala Hydro Electric Project- AP Share	1			0.00	0.00	0.00							0.00	0.00	0.00	0.00	0.00	0.00	0.00		
Lower Jurala Hydro Electric Project	1			0.00	0.00	0.00							0.00	0.00	0.00	0.00	0.00	0.00	0.00		
POCHAMPAD Stage-II	1			0.00	0.00	0.00							0.00	0.00	0.00	0.00	0.00	0.00	0.00		
PULICHINTAL(New Project)	1			0.00	0.00	0.00							0.00	0.00	0.00	0.00	0.00	0.00	0.00		
Barnagiri Wind Mills	1			0.00	0.00	0.00							0.00	0.00	0.00	0.00	0.00	0.00	0.00		
Pochampad Stage-IV	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							0.00	0.00	0.00	0.00	0.00	0.00	0.00		
					0.00	0.00							0.00	0.00	0.00	0.00	0.00	0.00	0.00		
					0.00	0.00							0.00	0.00	0.00	0.00	0.00	0.00	0.00		
					0.00	0.00							0.00	0.00	0.00	0.00	0.00	0.00	0.00		
TOTAL HYDRO		0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
TOTAL TSGENCO		0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
Central Generating Stations																					
NTPC																					
NTPC (SR)																					
NTPC (SR)	2			0.00	0.00	0.00							0.00	0.00	0.00	0.00	0.00	0.00	0.00		
NTPC (SR) Stage III	2			0.00	0.00	0.00							0.00	0.00	0.00	0.00	0.00	0.00	0.00		
Total NTPC(SR)		0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
NTPC (ER)																					
Farakka	2				0.00	0.00							0.00	0.00	0.00	0.00	0.00	0.00	0.00		
Kahalgaon	2			0.00	0.00	0.00							0.00	0.00	0.00	0.00	0.00	0.00	0.00		
Talcher - Stage 1	2			0.00	0.00	0.00							0.00	0.00	0.00	0.00	0.00	0.00	0.00		
Talcher Stage 2	2			0.00	0.00	0.00							0.00	0.00	0.00	0.00	0.00	0.00	0.00		
Others	2			0.00	0.00	0.00							0.00	0.00	0.00	0.00	0.00	0.00	0.00		
Total NTPC(ER)		0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
Total NTPC		0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		

Form 1.4b Sales to Licensees

Refers to the sales to other licensees/consumers within or outside the state, out of the approved quantum of power for regulated business

Base Year

S. No.	Discom Name	Details link	Quantity (MU)	Cost (Rs Crores)	Rate at which power is sold (Rs/kWh)	Amt received through sales (Rs crores)	Remarks
1	State Discoms		0.00	0.00	0.00	0.00	
A	TSSPDCL						
B	TSNPDCL						
2	Other State licensees/Consumers		0.00	0.00	0.00	0.00	
A	Bi-lateral Sales(PTC etc.)						
B	UI Sales						
C	Pool Transaction (Sales)						
D	Inter state sales						
E							
F							
H							
I							
J							
K							
L							
Total			0.00	0.00		0.00	

2019-20

S. No.	Discom Name	Details link	Quantity (MU)	Cost (Rs Crores)	Rate at which power is sold (Rs/kWh)	Amt received through sales (Rs crores)	Remarks
1	State Discoms		0.00	0.00	0.00	0.00	
A	TSSPDCL						
B	TSNPDCL						
2	Other State licensees/Consumers		0.00	0.00	0.00	0.00	
A	Bi-lateral Sales(PTC etc.)						
B	UI Sales						
C	Pool Transaction (Sales)						
D	Inter state sales						
E							
F							
H							
I							
J							
K							
L							
Total			0.00	0.00		0.00	

2020-21

S. No.	Discom Name	Details link	Quantity (MU)	Cost (Rs Crores)	Rate at which power is sold (Rs/kWh)	Amt received through sales (Rs crores)	Remarks
1	State Discoms		0.00	0.00	0.00	0.00	
A	TSSPDCL						
B	TSNPDCL						
2	Other State licensees/Consumers		0.00	0.00	0.00	0.00	
A	Bi-lateral Sales(PTC etc.)						
B	UI Sales						
C	Pool Transaction (Sales)						
D	Inter state sales						
E							
F							
H							
I							
J							
K							
L							
Total			0.00	0.00		0.00	

2021-22

S. No.	Discom Name	Details link	Quantity (MU)	Cost (Rs Crores)	Rate at which power is sold (Rs/kWh)	Amt received through sales (Rs crores)	Remarks
1	State Discoms		0.00	0.00	0.00	0.00	
A	TSSPDCL						
B	TSNPDCL						
2	Other State licensees/Consumers		0.00	0.00	0.00	0.00	
A	Bi-lateral Sales(PTC etc.)						
B	UI Sales						
C	Pool Transaction (Sales)						
D	Inter state sales						
E							
F							
H							
I							
J							
K							
L							
Total			0.00	0.00		0.00	

2022-23

S. No.	Discom Name	Details link	Quantity (MU)	Cost (Rs Crores)	Rate at which power is sold (Rs/kWh)	Amt received through sales (Rs crores)	Remarks
1	State Discoms		0.00	0.00	0.00	0.00	
	A TSSPDCL						
	B TSNPDCL						
2	Other State licensees/Consumers		0.00	0.00	0.00	0.00	
	A Bi-lateral Sales(PTC etc.)						
	B UI Sales						
	C Pool Transaction (Sales)						
	D Inter state sales						
	E						
	F						
	H						
	I						
	J						
	K						
	L						
Total			0.00	0.00		0.00	

2023-24

S. No.	Discom Name	Details link	Quantity (MU)	Cost (Rs Crores)	Rate at which power is sold (Rs/kWh)	Amt received through sales (Rs crores)	Remarks
1	State Discoms		0.00	0.00	0.00	0.00	
	A TSSPDCL						
	B TSNPDCL						
2	Other State licensees/Consumers		0.00	0.00	0.00	0.00	
	A Bi-lateral Sales(PTC etc.)						
	B UI Sales						
	C Pool Transaction (Sales)						
	D Inter state sales						
	E						
	F						
	H						
	I						
	J						
	K						
	L						
Total			0.00	0.00		0.00	

Form 1.4c Discom-Discom Purchases

The information relates to the quantum of power purchased from Discoms within the state and forming part of **Form 1.4.**

Base year **Base Year**

S. No.	Discom Name	Details link	Quantity (MU)	Cost (Rs Crores)	Rate (Rs/kWh)	Remarks
1	TSSPDCL				0.00	
2	TSNPDCL				0.00	
3					0.00	
4					0.00	
5					0.00	
6					0.00	
Total			0.00	0.00	0.00	

Year 1 **2019-20**

S. No.	Discom Name	Details link	Quantity (MU)	Cost (Rs Crores)	Rate (Rs/kWh)	Remarks
1	TSSPDCL				0.00	
2	TSNPDCL				0.00	
3					0.00	
4					0.00	
5					0.00	
6					0.00	
Total			0.00	0.00	0.00	

Year 2 **2020-21**

S. No.	Discom Name	Details link	Quantity (MU)	Cost (Rs Crores)	Rate (Rs/kWh)	Remarks
1	TSSPDCL				0.00	
2	TSNPDCL				0.00	
3					0.00	
4					0.00	
5					0.00	
6					0.00	
Total			0.00	0.00	0.00	

Year 3 2021-22

S. No.	Discom Name	Details link	Quantity (MU)	Cost (Rs Crores)	Rate (Rs/kWh)	Remarks
1	TSSPDCL				0.00	
2	TSNPDCL				0.00	
3					0.00	
4					0.00	
5					0.00	
6					0.00	
Total			0.00	0.00	0.00	

Year 4 2022-23

S. No.	Discom Name	Details link	Quantity (MU)	Cost (Rs Crores)	Rate (Rs/kWh)	Remarks
1	TSSPDCL				0.00	
2	TSNPDCL				0.00	
3					0.00	
4					0.00	
5					0.00	
6					0.00	
Total			0.00	0.00	0.00	

Year 5 2023-24

S. No.	Discom Name	Details link	Quantity (MU)	Cost (Rs Crores)	Rate (Rs/kWh)	Remarks
1	TSSPDCL				0.00	
2	TSNPDCL				0.00	
3					0.00	
4					0.00	
5					0.00	
6					0.00	
Total			0.00	0.00	0.00	

Form 1.5 Interest on Consumer Security Deposits

Amount (In Rs crores)

Revenue Requirement Item (Rs. Crs.)	Details link	For Control Period					
		Base Year	2019-20	2020-21	2021-22	2022-23	2023-24
A	Opening Balance	2699.69	2961.99	3331.43	3516.81	3944.93	4278.55
B	Additions during the Year	262.30	464.26	283.27	428.12	333.62	
C	Deductions during the Year		94.83	97.88			
D	Closing Balance	2961.99	3331.43	3516.81	3944.93	4278.55	4278.55
E	Average Balance ((A+D)/2)	2830.84	3146.71	3424.12	3730.87	4111.74	4278.55
F	Interest @ % p.a. #	6.82	5.38	4.32	4.25	4.25	
G	Interest Cost (E*F)	192.94	169.35	148.06	158.56	174.75	0.00

Note: Interest Rate to be entered as a number, e.g. interest rate of 4.56% should be typed as "4.56" in the cells.

Details of Actuals incurred (based on audited Annual Accounts)

I	Interest @ % p.a. #	6.82	5.38	4.32	4.25	4.25	
J	Interest Cost (E*F)	192.94	169.35	148.06	158.56	174.75	0.00

Form 1.6

Supply Margin

Amount (In Rs crores)

Particulars		Details link	For Control Period					
			Base Year	2019-20	2020-21	2021-22	2022-23	2023-24
A	Supply Margin Amount		23.87	26.63	28.31	33.28	37.65	

Form 1.7

Other Costs

Amount (In Rs crores)

S.No.	Particulars	Details link	For Control Period					
			Base Year	2019-20	2020-21	2021-22	2022-23	2023-24
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
Total			0.00	0.00	0.00	0.00	0.00	0.00

Form A New Consumer Categories

Notes:	<ol style="list-style-type: none"> 1 Add any proposed category here, in the tables provided under corresponding voltage levels. 2 Select the category which is being modified/replaced in the EXISTING CATEGORY Field. 3 Provide the name of the proposed category in the PROPOSED CATEGORY Field 4 Modifications of Slabs/SubCategories should be done in the Form 7/ Form 12. See the notes in the corresponding Forms for detailed instructions
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For LT Category

Modification/Replacement of existing Category	Existing Category	Proposed Category	Remarks

For HT Category - 11kV

Modification/Replacement of existing Category	Existing Category	Proposed Category

For HT Category - 33kV

Modification/Replacement of existing Category	Existing Category	Proposed Category	Remarks

For HT Category - 132kV

Modification/Replacement of existing Category	Existing Category	Proposed Category

Form 2

Cost of Service: Embedded Cost Method

Cost of Service: Embedded Cost Method

Consumer Categories	Base Year			2019-20			2020-21			2021-22			2022-23			2023-24		
	Total Cost Allocation (Rs.Crs)	Sales (MU)	CoS (Rs/unit)	Total Cost Allocation (Rs.Crs)	Sales (MU)	CoS (Rs/unit)	Total Cost Allocation (Rs.Crs)	Sales (MU)	CoS (Rs/unit)	Total Cost Allocation (Rs.Crs)	Sales (MU)	CoS (Rs/unit)	Total Cost Allocation (Rs.Crs)	Sales (MU)	CoS (Rs/unit)	Total Cost Allocation (Rs.Crs)	Sales (MU)	CoS (Rs/unit)
LT Category	0.00	24793.18	0.00	0.00	23569.45	0.00	0.00	24286.22	0.00	0.00	24872.41	0.00	21033.50	25246.12	8.33	0.00	0.00	0.00
Category I (A&B) - Domestic		8101.36	0.00		8709.65	0.00		8911.84	0.00		9236.94	0.00	7723.27	9883.53	7.81		0.00	0.00
Category II (A,B,C & D) - Non-domestic/Commercial		2557.48	0.00		2582.09	0.00		2160.57	0.00		2479.97	0.00	1898.06	2638.68	7.19		0.00	0.00
Category III - Industrial		894.18	0.00		846.82	0.00		880.01	0.00		909.23	0.00	655.63	929.88	7.05		0.00	0.00
Category IV (A,&B) - Cottage Industries & Agrobased Ind.		9.44	0.00		9.08	0.00		9.58	0.00		9.57	0.00	6.99	9.76	7.17		0.00	0.00
Category V (A & B) - Agriculture		12637.78	0.00		10818.39	0.00		11744.84	0.00		11647.65	0.00	10284.40	11181.74	9.20		0.00	0.00
Category VI (A & B) - Local Bodies, St. Lighting & PWS		497.33	0.00		484.03	0.00		478.22	0.00		463.75	0.00	358.45	473.02	7.58		0.00	0.00
Category VII (A & B) - General Purpose & Religious Places		75.68	0.00		76.53	0.00		47.71	0.00		55.80	0.00	46.84	56.92	8.23		0.00	0.00
Category VIII - Temporary Supply		19.92	0.00		42.87	0.00		53.43	0.00		69.45	0.00	58.30	70.84	8.23		0.00	0.00
Category IX-Electric Vehicle Charging Stations		0.00	0.00		0.00	0.00		0.02	0.00		0.04	0.00	1.55	1.74	8.93		0.00	0.00
HT Category at 11 KV	0.00	5366.89	0.00	0.00	5679.38	0.00	0.00	5013.61	0.00	0.00	6227.41	0.00	4375.72	6665.24	6.56	0.00	0.00	0.00
HT-I Industry		3544.62	0.00		3660.81	0.00		3460.22	0.00		4137.09	0.00	2988.84	4408.52	6.78		0.00	0.00
HT-I (B) Ferro-Alloys		0.00	0.00		0.00	0.00		0.00	0.00		0.00	0.00	0.00	0.00	0.00		0.00	0.00
HT-II - Others		1538.02	0.00		1664.12	0.00		1181.78	0.00		1642.87	0.00	1060.20	1741.44	6.09		0.00	0.00
HT-III Airports, Railway and Busstations		4.78	0.00		4.34	0.00		2.35	0.00		5.73	0.00	3.35	5.98	5.60		0.00	0.00
HT-IV A Lift Irrigation & Agriculture		40.35	0.00		41.89	0.00		42.12	0.00		49.76	0.00	38.35	57.51	6.67		0.00	0.00
HT- IV B - CP Water Supply Schemes		64.07	0.00		95.48	0.00		112.56	0.00		133.74	0.00	103.06	154.57	6.67		0.00	0.00
HT-VI Townships and Residential Colonies		102.06	0.00		118.49	0.00		127.59	0.00		141.99	0.00	93.97	158.63	5.92		0.00	0.00
HT - VII - Temporary Supply		72.98	0.00		91.83	0.00		85.40	0.00		113.25	0.00	79.05	124.57	6.35		0.00	0.00
HT- RESCOs		0.00	0.00		0.00	0.00		0.00	0.00		0.00	0.00	0.00	0.00	0.00		0.00	0.00
HT IX-Electric Vehicle Charging Stations		0.00	0.00		2.43	0.00		1.60	0.00		2.98	0.00	8.90	14.02	6.35		0.00	0.00
HT Category at 33 KV	0.00	5483.33	0.00	0.00	5427.97	0.00	0.00	4537.05	0.00	0.00	6282.71	0.00	4159.62	7156.42	5.81	0.00	0.00	0.00
HT-I Industry		4472.03	0.00		4218.92	0.00		3575.86	0.00		4985.81	0.00	3328.38	5721.31	5.82		0.00	0.00
HT-I (B) Ferro-Alloys		39.34	0.00		44.05	0.00		25.49	0.00		35.12	0.00	17.28	35.82	4.83		0.00	0.00
HT-II - Others		751.79	0.00		867.96	0.00		626.18	0.00		898.52	0.00	585.20	1006.27	5.82		0.00	0.00
HT-III Airports, Railway and Busstations		0.00	0.00		0.00	0.00		0.00	0.00		0.00	0.00	0.00	0.00	0.00		0.00	0.00
HT-IV A Lift Irrigation & Agriculture		28.52	0.00		17.59	0.00		14.51	0.00		17.93	0.00	11.27	18.83	5.98		0.00	0.00
HT- IV B - CP Water Supply Schemes		98.67	0.00		158.72	0.00		191.40	0.00		222.54	0.00	139.82	233.67	5.98		0.00	0.00
HT-VI Townships and Residential Colonies		63.13	0.00		76.60	0.00		85.16	0.00		96.66	0.00	63.14	113.87	5.55		0.00	0.00
HT - VII - Temporary Supply		29.85	0.00		44.13	0.00		18.45	0.00		26.13	0.00	14.53	26.65	5.45		0.00	0.00
HT- RESCOs		0.00	0.00		0.00	0.00		0.00	0.00		0.00	0.00	0.00	0.00	0.00		0.00	0.00
HT IX-Electric Vehicle Charging Stations		0.00	0.00		0.00	0.00		0.00	0.00		0.00	0.00	0.00	0.00	0.00		0.00	0.00
HT Category at 132 KV	0.00	4699.92	0.00	0.00	5232.49	0.00	0.00	4437.80	0.00	0.00	5533.43	0.00	5298.52	9755.02	5.43	0.00	0.00	0.00
HT-I Industry		2598.66	0.00		2503.93	0.00		2237.72	0.00		2891.24	0.00	1868.66	3534.58	5.29		0.00	0.00
HT-I (B) Ferro-Alloys		184.81	0.00		193.95	0.00		104.53	0.00		160.68	0.00	74.85	163.90	4.57		0.00	0.00
HT-II - Others		48.14	0.00		50.82	0.00		37.02	0.00		45.16	0.00	24.08	46.06	5.23		0.00	0.00
HT-III Airports, Railway and Busstations		70.63	0.00		86.41	0.00		50.37	0.00		73.70	0.00	34.80	79.60	4.37		0.00	0.00
HT-IV A Lift Irrigation & Agriculture		1455.78	0.00		1861.57	0.00		1560.78	0.00		1762.68	0.00	2918.51	5248.49	5.56		0.00	0.00
HT- IV B - CP Water Supply Schemes		72.12	0.00		204.79	0.00		208.01	0.00		223.37	0.00	130.42	234.54	5.56		0.00	0.00
HT-V (A) Railway Traction		213.57	0.00		250.00	0.00		192.31	0.00		272.36	0.00	173.62	303.26	5.73		0.00	0.00
HT-V (B) HMR		56.21	0.00		81.01	0.00		47.06	0.00		104.22	0.00	73.61	144.59	5.09		0.00	0.00
HT-VI Townships and Residential Colonies		0.00	0.00		0.00	0.00		0.00	0.00		0.00	0.00	0.00	0.00	0.00		0.00	0.00
HT - VII - Temporary Supply		0.00	0.00		0.00	0.00		0.00	0.00		0.00	0.00	0.00	0.00	0.00		0.00	0.00
HT- RESCOs		0.00	0.00		0.00	0.00		0.00	0.00		0.00	0.00	0.00	0.00	0.00		0.00	0.00
HT IX-Electric Vehicle Charging Stations		0.00	0.00		0.00	0.00		0.00	0.00		0.00	0.00	0.00	0.00	0.00		0.00	0.00
Total	0.00	40343.32	0.00	0.00	39909.30	0.00	0.00	38274.67	0.00	0.00	42915.95	0.00	34867.37	48822.80	7.14	0.00	0.00	0.00

Base Year

Sales / Forecast Sales (MU)	D Link	April	May	June	July	August	September	October	November	December	January	February	March	Total
LT Category		1957.59	1813.89	1597.71	2091.10	2210.38	2326.59	2535.84	1934.49	1848.03	1902.56	1958.76	2616.25	24793.18
Category I (A&B) - Domestic		803.09	864.10	718.22	634.80	629.96	676.28	668.56	607.38	555.70	535.84	609.33	798.11	8101.36
Category II (A,B,C & D) - Non-domestic/Commercial		238.03	246.28	225.36	207.01	201.00	211.28	214.06	199.86	184.00	177.24	203.96	249.41	2557.48
Category III - Industrial		72.90	76.67	72.24	71.98	70.10	70.33	71.78	76.52	82.03	76.96	74.93	77.74	894.18
Category IV (A,&B) - Cottage Industries & Agrobased Ind.		0.81	0.83	0.82	0.76	0.74	0.78	0.75	0.75	0.81	0.75	0.77	0.86	9.44
Category V (A & B) - Agriculture		792.47	577.10	532.70	1127.73	1260.36	1317.76	1531.67	1000.51	975.57	1062.50	1020.45	1438.95	12637.78
Category VI (A & B) - Local Bodies, St. Lighting & PWS		43.82	42.19	41.14	41.44	40.87	41.96	41.51	41.06	41.82	41.31	39.82	40.39	497.33
Category VII (A & B) - General Purpose & Religious Places		6.00	6.23	6.57	6.48	6.32	6.80	5.92	6.38	5.73	5.29	6.62	7.34	75.68
Category VIII -Temporary Supply		0.47	0.49	0.65	0.89	1.03	1.40	1.59	2.03	2.38	2.67	2.88	3.45	19.92
Category IX-Electric Vehicle Charging Stations		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HT Category at 11 KV		464.07	454.09	478.04	437.11	440.52	447.96	447.28	456.16	433.46	425.38	444.58	438.23	5366.89
HT-I Industry		300.20	286.60	306.84	287.75	291.05	295.90	292.15	300.99	295.66	296.10	305.75	285.63	3544.62
HT-I (B) Ferro-Alloys		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HT-II - Others		142.77	146.29	149.68	130.00	129.26	126.87	128.92	127.66	114.22	104.61	112.59	125.15	1538.02
HT-III Airports, Railway and Busstations		0.43	0.47	0.48	0.40	0.39	0.38	0.40	0.40	0.38	0.34	0.34	0.37	4.78
HT-IV A Lift Irrigation & Agriculture		3.45	1.17	0.79	1.09	1.50	4.76	5.48	6.45	2.67	3.68	4.58	4.73	40.35
HT- IV B - CP Water Supply Schemes		3.44	3.26	3.81	4.07	4.42	5.76	6.19	6.38	6.42	6.71	6.81	6.80	64.07
HT-VI Townships and Residential Colonies		9.54	10.33	10.42	8.25	8.00	7.99	8.01	8.10	7.57	7.50	7.61	8.74	102.06
HT - VII - Temporary Supply		4.24	5.97	6.02	5.55	5.90	6.30	6.13	6.18	6.54	6.44	6.90	6.81	72.98
HT- RESCOs		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HT IX-Electric Vehicle Charging Stations		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HT Category at 33 KV		470.12	451.42	479.25	438.76	447.84	450.37	491.70	493.75	439.84	440.51	437.71	442.06	5483.33
HT-I Industry		392.53	370.39	392.04	360.67	366.35	365.71	404.11	402.26	355.81	357.21	349.62	355.34	4472.03
HT-I (B) Ferro-Alloys		2.42	2.57	2.27	2.63	2.16	2.71	3.08	4.04	3.99	4.91	4.51	4.04	39.34
HT-II - Others		65.63	65.56	71.26	64.07	63.83	62.77	62.94	62.56	57.65	54.52	59.23	61.78	751.79
HT-III Airports, Railway and Busstations		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HT-IV A Lift Irrigation & Agriculture		2.16	0.12	0.42	0.05	1.32	3.20	4.32	5.84	2.48	3.96	3.13	1.52	28.52
HT- IV B - CP Water Supply Schemes		1.32	2.89	4.26	3.52	6.32	7.57	9.43	11.63	12.76	13.10	13.86	12.01	98.67
HT-VI Townships and Residential Colonies		5.48	6.50	6.56	4.84	5.17	5.03	4.98	4.98	4.72	4.62	4.87	5.38	63.13
HT - VII - Temporary Supply		0.58	3.39	2.44	2.98	2.69	3.38	2.84	2.45	2.43	2.20	2.48	1.99	29.85
HT- RESCOs		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HT IX-Electric Vehicle Charging Stations		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HT Category at 132 KV		338.42	281.23	284.35	270.91	471.63	489.08	485.69	518.92	444.68	387.38	345.14	382.50	4699.92
HT-I Industry		219.81	215.35	223.97	205.01	203.20	201.96	236.40	236.04	206.19	222.44	210.68	217.61	2598.66
HT-I (B) Ferro-Alloys		9.93	10.43	11.60	15.36	13.31	15.52	14.76	15.63	16.72	16.63	24.61	20.31	184.81
HT-II - Others		4.38	4.44	4.97	4.20	4.16	4.05	3.93	3.89	3.60	2.95	3.54	4.03	48.14
HT-III Airports, Railway and Busstations		5.80	6.11	6.36	5.86	5.89	6.12	6.17	6.01	5.41	5.07	5.70	6.13	70.63
HT-IV A Lift Irrigation & Agriculture		77.20	22.60	13.89	18.92	219.71	235.56	195.85	222.82	178.96	106.45	65.06	98.76	1455.78
HT- IV B - CP Water Supply Schemes		0.00	0.00	0.00	0.00	4.62	4.52	6.09	10.14	10.93	10.64	12.00	13.18	72.12
HT-V (A) Railway Traction		17.69	17.66	18.55	16.81	16.83	17.61	17.50	18.96	18.06	18.13	18.30	17.47	213.57
HT-V (B) HMR		3.61	4.64	5.01	4.75	3.91	3.74	4.99	5.43	4.81	5.06	5.25	5.01	56.21
HT-VI Townships and Residential Colonies		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HT - VII - Temporary Supply		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HT- RESCOs		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HT IX-Electric Vehicle Charging Stations		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total		3230.20	3000.63	2839.35	3237.88	3570.37	3714.00	3960.51	3403.32	3166.01	3155.83	3186.19	3879.04	40343.32

2019-20

Sales / Forecast Sales (MU)	D Link	April	May	June	July	August	September	October	November	December	January	February	March	Total
LT Category		2071.16	2110.24	1727.97	1841.21	2113.41	1830.45	1674.25	1594.76	1943.18	2151.63	2163.81	2347.38	23569.45
Category I (A&B) - Domestic		884.88	1043.91	792.47	709.52	712.02	683.04	670.67	623.02	587.79	604.10	620.28	777.95	8709.65
Category II (A,B,C & D) - Non-domestic/Commercial		256.56	285.33	241.30	229.50	218.64	213.82	209.36	206.51	194.34	196.37	205.11	125.23	2582.09
Category III - Industrial		76.25	79.65	71.29	75.36	68.29	65.42	63.79	74.44	81.51	76.33	74.67	39.82	846.82
Category IV (A,&B) - Cottage Industries & Agrobased Ind.		0.85	0.84	0.81	0.81	0.77	0.78	0.77	0.79	0.82	0.65	0.76	0.42	9.08
Category V (A & B) - Agriculture		803.00	649.04	573.29	776.23	1063.16	817.90	677.76	638.62	1027.11	1221.03	1210.79	1360.47	10818.39
Category VI (A & B) - Local Bodies, St. Lighting & PWS		39.60	40.31	38.95	39.09	40.18	39.51	42.54	41.05	41.55	43.00	41.04	37.20	484.03
Category VII (A & B) - General Purpose & Religious Places		6.70	7.46	6.46	7.08	6.99	6.41	5.88	6.69	6.18	5.98	6.68	4.02	76.53
Category VIII -Temporary Supply		3.31	3.70	3.39	3.62	3.36	3.57	3.48	3.64	3.88	4.16	4.47	2.28	42.87
Category IX-Electric Vehicle Charging Stations		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0003	0.0001	0.0005
HT Category at 11 KV		491.41	492.68	515.78	471.68	464.41	464.49	426.82	469.48	461.97	465.10	488.25	467.30	5679.38
HT-I Industry		306.38	303.40	313.59	302.26	300.51	298.35	270.01	302.35	311.82	316.19	328.20	307.74	3660.81
HT-I (B) Ferro-Alloys		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HT-II - Others		153.17	160.67	171.93	143.08	138.64	136.23	128.40	136.44	122.81	117.40	128.05	127.31	1664.12
HT-III Airports, Railway and Busstations		0.41	0.45	0.47	0.39	0.36	0.36	0.33	0.33	0.30	0.30	0.32	0.31	4.34
HT-IV A Lift Irrigation & Agriculture		3.71	0.84	0.76	0.74	1.63	5.26	4.03	4.24	2.29	5.98	5.99	6.42	41.89
HT- IV B - CP Water Supply Schemes		8.63	7.57	7.77	8.25	7.21	7.25	7.04	8.16	8.35	8.50	8.50	8.25	95.48
HT-VI Townships and Residential Colonies		11.59	12.50	13.82	9.76	9.09	8.85	8.74	9.10	8.32	8.49	8.76	9.47	118.49
HT - VII - Temporary Supply		7.52	7.25	7.44	7.20	6.97	8.00	7.91	8.53	7.71	7.85	8.03	7.42	91.83
HT- RESCOs														0.00
HT IX-Electric Vehicle Charging Stations		0.00	0.00	0.00	0.00	0.00	0.19	0.36	0.33	0.37	0.39	0.40	0.39	2.43
HT Category at 33 KV		493.09	466.94	516.62	482.34	470.07	463.76	412.87	430.54	415.96	420.35	437.75	417.69	5427.97
HT-I Industry		392.07	360.78	401.21	381.48	367.95	359.49	315.50	329.63	322.74	327.06	339.79	321.23	4218.92
HT-I (B) Ferro-Alloys		4.55	4.88	4.47	4.65	4.91	4.04	3.85	2.92	2.46	2.58	2.40	2.34	44.05
HT-II - Others		71.36	74.91	83.57	73.96	73.49	75.21	71.14	74.09	66.07	64.17	70.43	69.55	867.96
HT-III Airports, Railway and Busstations		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HT-IV A Lift Irrigation & Agriculture		0.94	0.59	0.19	0.22	0.93	2.20	1.64	1.47	1.63	2.47	2.97	2.34	17.59
HT- IV B - CP Water Supply Schemes		14.27	13.80	13.72	11.95	12.40	12.75	12.18	13.12	13.06	13.79	13.73	13.95	158.72
HT-VI Townships and Residential Colonies		7.54	8.99	9.43	5.96	5.81	5.80	5.29	5.58	5.26	5.38	5.58	5.98	76.60
HT - VII - Temporary Supply		2.36	2.99	4.03	4.12	4.58	4.27	3.27	3.72	4.74	4.90	2.85	2.30	44.13
HT- RESCOs														0.00
HT IX-Electric Vehicle Charging Stations														0.00
HT Category at 132 KV		361.93	310.66	339.12	313.46	413.09	565.39	483.75	500.62	466.85	477.47	516.61	483.54	5232.49
HT-I Industry		232.58	211.74	225.03	213.29	211.73	195.46	189.71	208.85	209.16	201.80	209.47	195.11	2503.93
HT-I (B) Ferro-Alloys		26.34	20.22	23.21	21.26	17.96	13.30	13.13	10.95	6.61	9.99	14.96	16.02	193.95
HT-II - Others		4.83	5.09	5.51	4.76	4.06	4.23	3.83	4.24	3.46	3.32	3.78	3.72	50.82
HT-III Airports, Railway and Busstations		7.01	7.37	8.50	7.68	7.11	7.46	7.35	7.31	6.69	6.45	7.03	6.46	86.41
HT-IV A Lift Irrigation & Agriculture		50.56	24.21	34.28	24.28	130.01	301.46	226.43	224.67	192.10	207.44	231.59	214.54	1861.57
HT- IV B - CP Water Supply Schemes		15.33	16.25	16.82	15.02	17.50	16.47	18.22	17.79	17.12	18.20	17.93	18.14	204.79
HT-V (A) Railway Traction		18.49	18.61	18.85	20.85	18.32	20.49	18.43	19.86	25.18	23.59	24.66	22.67	250.00
HT-V (B) HMR		6.79	7.17	6.92	6.32	6.40	6.52	6.65	6.95	6.53	6.69	7.19	6.88	81.01
HT-VI Townships and Residential Colonies		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HT - VII - Temporary Supply		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HT- RESCOs														0.00
HT IX-Electric Vehicle Charging Stations														0.00
Total		3417.59	3380.52	3099.49	3108.69	3460.98	3324.09	2997.69	2995.40	3287.96	3514.56	3606.42	3715.91	39909.30

2020-21

Sales / Forecast Sales (MU)	D Link	April	May	June	July	August	September	October	November	December	January	February	March	Total
LT Category		1881.74	2021.49	1608.96	2077.18	1912.79	1764.32	1624.18	1417.14	1984.74	2412.80	2310.19	3270.69	24286.22
Category I (A&B) - Domestic		889.48	1007.14	774.12	787.84	711.48	733.83	716.04	619.75	597.95	616.10	615.98	842.53	8911.84
Category II (A,B,C & D) - Non-domestic/Commercial		157.24	245.76	166.26	165.38	155.67	171.68	177.68	167.37	169.94	173.35	180.28	229.97	2160.57
Category III - Industrial		81.52	63.44	63.14	66.77	64.06	70.53	69.91	77.57	87.05	78.66	76.93	80.44	880.01
Category IV (A.&B) - Cottage Industries & Agrobased Ind.		1.12	0.82	0.76	0.81	0.68	0.81	0.77	0.73	0.81	0.74	0.74	0.82	9.58
Category V (A & B) - Agriculture		700.88	652.52	557.74	1005.73	937.30	743.72	613.03	504.95	1080.42	1496.25	1389.22	2063.08	11744.84
Category VI (A & B) - Local Bodies, St. Lighting & PWS		45.42	41.22	40.34	44.05	36.91	36.38	38.79	39.13	39.83	38.82	36.46	40.88	478.22
Category VII (A & B) - General Purpose & Religious Places		2.14	6.08	3.59	3.49	3.27	3.65	3.65	3.42	3.64	3.61	4.99	6.18	47.71
Category VIII -Temporary Supply		3.94	4.52	3.02	3.31	3.42	3.92	4.32	4.21	5.09	5.29	5.58	6.80	53.43
Category IX-Electric Vehicle Charging Stations		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.02
														0.00
HT Category at 11 KV		292.06	341.09	421.07	406.96	411.74	433.34	427.72	446.05	447.71	461.55	469.85	454.47	5013.61
HT-I Industry		179.85	226.56	284.68	284.77	286.10	302.35	296.49	312.36	321.46	328.87	328.01	308.72	3460.22
HT-I (B) Ferro-Alloys		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HT-II - Others		82.26	85.21	106.06	96.06	97.93	100.08	101.43	102.75	96.20	98.12	105.46	110.21	1181.78
HT-III Airports, Railway and Busstations		0.16	0.13	0.18	0.19	0.19	0.18	0.20	0.22	0.22	0.22	0.22	0.24	2.35
HT-IV A Lift Irrigation & Agriculture		3.91	1.12	1.39	1.09	1.49	3.87	3.19	4.29	2.37	5.82	6.69	6.89	42.12
HT- IV B - CP Water Supply Schemes		9.29	9.21	8.94	8.90	8.82	9.34	8.56	8.18	10.08	10.47	10.72	10.05	112.56
HT-VI Townships and Residential Colonies		11.64	13.60	13.89	10.10	10.44	10.38	10.01	9.76	9.04	9.14	9.49	10.10	127.59
HT - VII - Temporary Supply		4.92	5.26	5.93	5.85	6.77	7.14	7.73	8.32	8.04	8.59	8.93	7.92	85.40
HT- RESCOs														0.00
HT IX-Electric Vehicle Charging Stations		0.03	0.00	0.00	0.00	0.00	0.00	0.11	0.17	0.30	0.32	0.33	0.34	1.60
HT Category at 33 KV		247.22	294.82	368.28	358.06	364.92	389.28	391.64	394.42	389.78	424.31	454.69	459.62	4537.05
HT-I Industry		174.40	221.27	284.78	280.18	287.25	307.80	311.07	319.32	312.07	339.90	367.04	370.78	3575.86
HT-I (B) Ferro-Alloys		0.26	1.42	2.36	2.55	2.36	1.72	2.30	2.58	2.38	2.68	2.50	2.37	25.49
HT-II - Others		45.01	45.26	54.52	51.01	50.42	53.13	53.19	53.73	51.79	54.13	56.29	57.69	626.18
HT-III Airports, Railway and Busstations		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HT-IV A Lift Irrigation & Agriculture		1.96	0.23	0.07	0.08	0.41	0.84	0.69	1.36	0.82	1.39	2.93	3.73	14.51
HT- IV B - CP Water Supply Schemes		16.08	15.72	15.83	15.79	16.24	17.09	16.09	9.85	15.23	18.59	18.31	16.58	191.40
HT-VI Townships and Residential Colonies		7.42	8.82	9.12	6.89	6.47	6.75	6.51	6.49	6.26	6.47	6.63	7.33	85.16
HT - VII - Temporary Supply		2.09	2.10	1.60	1.56	1.77	1.95	1.79	1.09	1.23	1.15	0.98	1.14	18.45
HT- RESCOs														0.00
HT IX-Electric Vehicle Charging Stations		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HT Category at 132 KV		358.56	267.40	346.96	299.93	354.88	416.46	307.29	278.04	353.65	440.90	502.86	510.87	4437.80
HT-I Industry		130.49	165.04	166.32	166.16	165.10	177.75	196.87	187.39	200.39	213.25	223.17	245.79	2237.72
HT-I (B) Ferro-Alloys		1.38	5.99	9.52	4.83	2.41	3.92	11.11	13.99	14.54	14.26	11.71	10.87	104.53
HT-II - Others		1.88	2.51	3.66	3.29	3.34	3.46	3.39	3.19	2.97	2.96	3.09	3.28	37.02
HT-III Airports, Railway and Busstations		3.49	4.01	6.41	5.70	4.09	4.11	4.05	3.99	3.47	3.53	3.85	3.68	50.37
HT-IV A Lift Irrigation & Agriculture		185.90	56.15	122.98	86.59	144.21	189.87	54.00	47.46	95.07	163.05	211.66	203.84	1560.78
HT- IV B - CP Water Supply Schemes		20.34	19.30	20.10	18.29	20.23	19.57	18.35	0.74	14.76	18.29	20.54	17.50	208.01
HT-V (A) Railway Traction		13.32	12.71	15.97	13.30	13.76	14.21	13.86	15.40	16.67	19.74	22.96	20.41	192.31
HT-V (B) HMR		1.76	1.69	2.00	1.77	1.74	3.57	5.66	5.88	5.78	5.82	5.89	5.50	47.06
HT-VI Townships and Residential Colonies		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HT - VII - Temporary Supply		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HT- RESCOs														0.00
HT IX-Electric Vehicle Charging Stations		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total		2779.58	2924.80	2745.27	3142.13	3044.33	3003.40	2750.83	2535.65	3175.88	3739.56	3737.60	4695.65	38274.67

2021-22

Sales / Forecast Sales (MU)	D Link	April	May	June	July	August	September	October	November	December	January	February	March	Total
LT Category		2372.07	1779.57	1668.01	2050.02	2553.89	1748.79	1659.75	1465.98	1958.23	2344.17	2255.32	3016.61	24872.41
Category I (A&B) - Domestic		958.63	947.78	817.07	781.52	783.47	744.37	751.01	650.02	627.16	646.19	646.07	883.68	9236.94
Category II (A,B,C & D) - Non-domestic/Commercial		216.62	164.78	187.97	203.26	208.33	211.77	237.04	233.81	220.03	222.33	232.23	141.78	2479.97
Category III - Industrial		72.13	62.52	70.31	75.57	74.33	76.09	71.52	79.19	88.78	80.52	78.58	79.70	909.23
Category IV (A,&B) - Cottage Industries & Agrobased Ind.		0.81	0.69	0.78	0.81	0.77	0.73	0.83	0.79	0.88	0.80	0.80	0.89	9.57
Category V (A & B) - Agriculture		1072.59	556.24	545.39	941.05	1438.66	668.60	551.11	453.95	971.30	1345.13	1248.91	1854.71	11647.65
Category VI (A & B) - Local Bodies, St. Lighting & PWS		39.97	37.90	36.72	37.23	37.20	36.15	39.56	39.91	40.63	39.59	37.19	41.69	463.75
Category VII (A & B) - General Purpose & Religious Places		4.97	3.97	3.88	4.27	4.42	4.48	4.27	4.00	4.26	4.22	5.84	7.23	55.80
Category VIII -Temporary Supply		6.33	5.70	5.89	6.32	6.70	6.58	4.40	4.30	5.20	5.40	5.70	6.94	69.45
Category IX-Electric Vehicle Charging Stations		0.00	0.00	0.00	0.00	0.01	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.04
HT Category at 11 KV		510.66	451.62	444.98	476.07	490.01	482.31	516.76	566.93	560.82	564.94	594.52	567.77	6227.41
HT-I Industry		335.34	300.14	305.58	324.54	329.34	323.12	326.27	365.35	376.81	382.09	396.62	371.88	4137.09
HT-I (B) Ferro-Alloys		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HT-II - Others		134.81	116.59	105.61	118.88	124.48	122.41	155.36	165.09	148.60	142.05	154.94	154.04	1642.87
HT-III Airports, Railway and Busstations		0.29	0.25	0.21	0.25	0.27	0.28	0.73	0.73	0.67	0.70	0.70	0.67	5.73
HT-IV A Lift Irrigation & Agriculture		5.10	1.13	0.66	0.85	2.98	4.17	3.80	5.12	2.83	6.94	7.98	8.22	49.76
HT- IV B - CP Water Supply Schemes		11.47	10.68	10.46	10.46	10.81	10.61	10.21	9.76	12.02	12.49	12.78	11.99	133.74
HT-VI Townships and Residential Colonies		14.44	14.61	14.04	11.98	12.01	11.64	11.01	10.73	9.94	10.05	10.43	11.11	141.99
HT - VII - Temporary Supply		8.84	8.09	8.40	8.93	9.86	9.79	9.26	9.97	9.63	10.29	10.70	9.49	113.25
HT- RESCOs		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HT IX-Electric Vehicle Charging Stations		0.37	0.13	0.03	0.19	0.25	0.29	0.12	0.19	0.33	0.35	0.36	0.37	2.98
HT Category at 33 KV		509.25	431.56	430.97	457.09	468.69	524.39	567.78	579.47	566.52	574.10	597.90	574.98	6282.71
HT-I Industry		405.64	339.89	340.35	361.53	372.65	421.77	445.11	461.58	453.53	458.55	473.42	451.80	4985.81
HT-I (B) Ferro-Alloys		2.72	2.01	2.51	2.41	2.32	2.40	4.83	3.66	3.08	3.24	3.00	2.94	35.12
HT-II - Others		66.92	58.95	58.27	62.99	62.76	66.79	89.31	92.94	83.07	80.74	88.44	87.35	898.52
HT-III Airports, Railway and Busstations		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HT-IV A Lift Irrigation & Agriculture		2.00	0.42	0.06	0.22	0.97	1.51	0.81	1.59	0.96	1.62	3.42	4.35	17.93
HT- IV B - CP Water Supply Schemes		19.86	18.38	17.74	18.49	18.05	19.55	18.78	11.50	17.78	21.70	21.37	19.35	222.54
HT-VI Townships and Residential Colonies		9.88	9.85	9.12	8.13	8.18	8.07	7.12	7.10	6.85	7.08	7.25	8.02	96.66
HT - VII - Temporary Supply		2.22	2.07	2.91	3.34	3.77	4.30	1.83	1.11	1.25	1.17	1.00	1.16	26.13
HT- RESCOs														0.00
HT IX-Electric Vehicle Charging Stations														0.00
HT Category at 132 KV		585.09	326.74	320.78	437.21	420.90	566.92	374.68	368.34	437.54	522.05	602.98	570.20	5533.43
HT-I Industry		246.98	219.23	214.46	234.36	235.41	266.27	230.19	253.04	253.53	245.34	254.71	237.72	2891.24
HT-I (B) Ferro-Alloys		12.91	8.19	14.82	15.60	12.16	14.26	15.16	12.64	7.63	11.53	17.28	18.50	160.68
HT-II - Others		3.96	3.33	3.60	3.94	3.64	3.70	3.94	4.36	3.55	3.41	3.89	3.83	45.16
HT-III Airports, Railway and Busstations		4.78	4.20	4.10	4.27	3.90	4.04	8.63	8.57	7.85	7.57	8.24	7.57	73.70
HT-IV A Lift Irrigation & Agriculture		265.57	46.38	44.59	132.91	115.39	227.76	64.80	56.95	114.08	195.66	253.99	244.61	1762.68
HT- IV B - CP Water Supply Schemes		21.05	20.06	14.57	19.30	20.23	19.96	22.02	0.89	17.71	21.95	24.65	21.00	223.37
HT-V (A) Railway Traction		23.55	21.40	21.49	21.57	24.50	25.07	17.72	19.41	20.81	24.19	27.73	24.92	272.36
HT-V (B) HMR		6.29	3.96	3.16	5.27	5.67	5.87	12.23	12.47	12.36	12.41	12.48	12.05	104.22
HT-VI Townships and Residential Colonies		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HT - VII - Temporary Supply		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HT- RESCOs														0.00
HT IX-Electric Vehicle Charging Stations														0.00
Total		3977.07	2989.50	2864.74	3420.39	3933.49	3322.41	3118.97	2980.71	3523.11	4005.26	4050.72	4729.56	42915.95

2022-23

Sales / Forecast Sales (MU)	D Link	April	May	June	July	August	September	October	November	December	January	February	March	Total
LT Category		2412.95	1836.74	1718.10	2082.92	2567.33	1790.53	1708.20	1511.20	1980.54	2352.80	2268.36	3016.44	25246.12
Category I (A&B) - Domestic		1025.74	1014.12	874.26	836.22	838.31	796.48	803.58	695.52	671.06	691.42	691.29	945.53	9883.53
Category II (A,B,C & D) - Non-domestic/Commercial		230.49	175.33	200.00	216.26	221.66	225.32	252.21	248.77	234.12	236.56	247.10	150.86	2638.68
Category III - Industrial		73.77	63.94	71.91	77.28	76.02	77.82	73.15	80.99	90.79	82.34	80.36	81.51	929.88
Category IV (A&B) - Cottage Industries & Agrobased Ind.		0.83	0.70	0.80	0.82	0.79	0.74	0.85	0.80	0.90	0.81	0.82	0.90	9.76
Category V (A & B) - Agriculture		1029.69	533.99	523.57	903.41	1381.12	641.86	529.07	435.80	932.45	1291.33	1198.96	1780.52	11181.74
Category VI (A & B) - Local Bodies, St. Lighting & PWS		40.77	38.66	37.45	37.97	37.94	36.87	40.35	40.71	41.44	40.38	37.93	42.53	473.02
Category VII (A & B) - General Purpose & Religious Places		5.07	4.05	3.96	4.36	4.51	4.57	4.35	4.08	4.34	4.30	5.96	7.37	56.92
Category VIII - Temporary Supply		6.46	5.81	6.01	6.45	6.83	6.72	4.49	4.38	5.30	5.50	5.81	7.08	70.84
Category IX-Electric Vehicle Charging Stations		0.14	0.14	0.14	0.14	0.15	0.15	0.14	0.15	0.14	0.14	0.15	0.14	1.74
HT Category at 11 KV		546.83	483.54	476.45	509.47	524.56	516.43	552.83	606.33	599.89	604.75	636.36	607.80	6665.24
HT-I Industry		357.32	319.78	325.59	345.82	350.94	344.32	347.68	389.33	401.56	407.19	422.68	396.31	4408.52
HT-I (B) Ferro-Alloys		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HT-II - Others		142.90	123.59	111.95	126.01	131.95	129.75	164.68	174.99	157.52	150.58	164.24	163.29	1741.44
HT-III Airports, Railway and Busstations		0.30	0.26	0.21	0.26	0.28	0.29	0.77	0.77	0.70	0.70	0.73	0.70	5.98
HT-IV A Lift Irrigation & Agriculture		5.89	1.30	0.76	0.98	3.44	4.82	4.40	5.91	3.27	8.02	9.22	9.50	57.51
HT- IV B - CP Water Supply Schemes		13.26	12.35	12.08	12.09	12.50	12.27	11.80	11.27	13.89	14.43	14.78	13.85	154.57
HT-VI Townships and Residential Colonies		16.13	16.32	15.69	13.39	13.42	13.00	12.30	11.99	11.11	11.23	11.66	12.41	158.63
HT - VII - Temporary Supply		9.73	8.90	9.24	9.82	10.84	10.77	10.19	10.96	10.59	11.32	11.77	10.44	124.57
HT- RESCOs														0.00
HT IX-Electric Vehicle Charging Stations		1.30	1.04	0.92	1.10	1.17	1.21	1.03	1.10	1.26	1.28	1.29	1.31	14.02
HT Category at 33 KV		622.82	540.89	540.10	567.63	579.78	638.43	601.71	614.22	600.11	607.97	633.40	609.37	7156.42
HT-I Industry		507.07	438.04	438.53	460.76	472.43	524.00	467.25	484.53	476.09	481.35	496.97	474.28	5721.31
HT-I (B) Ferro-Alloys		2.78	2.05	2.56	2.45	2.36	2.45	4.92	3.73	3.15	3.30	3.06	3.00	35.82
HT-II - Others		76.11	67.34	66.60	71.79	71.53	75.97	98.72	102.71	91.86	89.30	97.77	96.57	1006.27
HT-III Airports, Railway and Busstations		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HT-IV A Lift Irrigation & Agriculture		2.10	0.44	0.07	0.23	1.02	1.58	0.85	1.67	1.00	1.70	3.59	4.57	18.83
HT- IV B - CP Water Supply Schemes		20.86	19.30	18.63	19.41	18.95	20.52	19.72	12.07	18.67	22.78	22.44	20.32	233.67
HT-VI Townships and Residential Colonies		11.64	11.60	10.75	9.57	9.64	9.51	8.39	8.36	8.07	8.34	8.55	9.45	113.87
HT - VII - Temporary Supply		2.26	2.12	2.97	3.41	3.84	4.38	1.86	1.13	1.28	1.20	1.02	1.19	26.65
HT- RESCOs														0.00
HT IX-Electric Vehicle Charging Stations														0.00
HT Category at 132 KV		541.13	597.37	550.01	689.00	884.07	1137.26	1011.04	1041.51	1191.71	953.70	597.44	560.79	9755.02
HT-I Industry		306.89	278.27	273.35	293.82	294.95	326.75	277.37	300.87	301.40	293.02	302.69	285.21	3534.58
HT-I (B) Ferro-Alloys		13.17	8.36	15.11	15.91	12.41	14.54	15.46	12.90	7.78	11.77	17.62	18.87	163.90
HT-II - Others		4.04	3.40	3.67	4.02	3.72	3.77	4.01	4.45	3.63	3.48	3.97	3.91	46.06
HT-III Airports, Railway and Busstations		5.17	4.53	4.42	4.61	4.21	4.36	9.32	9.26	8.48	8.17	8.90	8.18	79.60
HT-IV A Lift Irrigation & Agriculture		149.70	246.26	203.39	313.39	507.15	725.69	650.21	679.58	816.99	575.90	196.36	183.86	5248.49
HT- IV B - CP Water Supply Schemes		22.10	21.06	15.30	20.26	21.24	20.96	23.12	0.93	18.60	23.05	25.88	22.05	234.54
HT-V (A) Railway Traction		27.40	25.20	25.29	25.38	28.37	28.95	18.94	20.66	22.09	25.54	29.15	26.29	303.26
HT-V (B) HMR		12.66	10.29	9.47	11.63	12.04	12.24	12.60	12.85	12.74	12.78	12.86	12.42	144.59
HT-VI Townships and Residential Colonies														0.00
HT - VII - Temporary Supply														0.00
HT- RESCOs														0.00
HT IX-Electric Vehicle Charging Stations														0.00
Total		4123.73	3458.53	3284.67	3849.02	4555.74	4082.66	3873.78	3773.26	4372.24	4519.21	4135.56	4794.40	48822.80

Form 4

Power Purchase Requirement

Particulars	Detail Links	Base Year	2019-20	2020-21	2021-22	2022-23	2023-24
Total Sales, MU		40343.32	39909.30	38274.67	42915.95	48822.80	0.00
Sales (LT, 11kV, 33kV) (MU)	Form 3	35643.40	34676.81	33836.88	37382.52	39067.78	0.00
EHT Sales (MU)	Form 3	4699.92	5232.49	4437.80	5533.43	9755.02	0.00
Total Losses, MU		6187.36	5697.92	5777.18	6414.04	5847.60	0.00
Distribution System Losses (MU)	Form 4a	4653.80	4243.03	4167.83	4188.14	4271.34	0.00
Transmission System Losses (MU)		1533.57	1454.89	1609.35	2225.91	1576.26	0.00
Total Losses, (%)		13.30	12.49	13.11	13.00	10.70	0.00
Transmission Losses (%)		3.30	3.19	3.65	4.51	2.88	0.00
Distribution System Losses(%)	Form 4a	11.55	10.90	10.97	10.07	9.86	0.00
Input to Distribution System		40297.19	38919.84	38004.71	41570.66	43339.13	0.00
Power Purchase Requirement (MU)		46530.68	45607.22	44051.86	49329.99	54670.40	0.00
Availability	Form 4.1	46530.68	45607.22	44051.86	51057.60	61536.11	0.00
Dispatch	Form 4.2	46530.68	45607.22	44051.86	49329.99	55299.08	0.00
Surplus /(deficit)		0.00	0.00	0.00	1727.61	6865.71	0.00

Note:

1. Transmission Losses percentage e.g. 4.52 % to be entered in numbers as 4.52 in Form 4b only
2. Transmission Losses to include PGCIL Losses.
3. The Transmission Losses percentage should be consistent with calculations in **Form 4b**

Form 4a Energy Losses (Distribution System)

Particulars		Base Year	2019-20	2020-21	2021-22	2022-23	2023-24	
I. Losses in 33 KV System and Connected Equipment								
(i)	Total Energy delivered into 33 KV Distribution System from EHT SSs	A	40297.19	38919.84	38004.71	41570.66	43339.13	
(ii)	Energy delivered by all other Generating Stations at 33kV	B						
(iii)	Energy consumed by HT consumers at 33KV (Sales + Third Party)	X	5483.33	5427.97	4537.05	6282.71	7156.42	0.00
(iv)	Energy Delivered into 11 KV and LT System from 33/11 KV SSs	C	33323.71	32051.83	32076.69	33773.00	34613.83	0.00
	Losses (33 kV System)	(A + B) - (C + X)	1490.15	1440.03	1390.97	1514.95	1568.88	0.00
	% Losses (33 kV System)	100 x [(A+B)-(C+X)] / (A+B)	3.70	3.70	3.66	3.64	3.62	0.00
II. Losses in 11 KV System and Connected Equipment								
(i)	Energy delivered into 11 KV system from 33/11kV SSs	C	33323.71	32051.83	32076.69	33773.00	34613.83	
(ii)	Energy delivered into 11 KV Distribution System from EHT SSs	D						
(iii)	Energy delivered at 11kV from all other Generating Stations	E						
(iv)	Total Energy delivered into 11 KV and LT Distribution System	C+D+E	33323.71	32051.83	32076.69	33773.00	34613.83	0.00
(v)	Energy consumed by HT consumers at 11KV (Sales + Third Party)	Y	5366.89	5679.38	5013.61	6227.41	6665.24	0.00
(vi)	Total Output from 11kV to LT	F	26390.62	24866.01	25773.60	26140.58	26519.04	0.00
	Losses (11kV System)	(C + D + E) - (Y + F)	1566.21	1506.44	1289.48	1405.01	1429.55	0.00
	% Losses (11kV System)	[(C+D+E)-(Y+F)] x 100 / (C+D+E)	4.70	4.70	4.02	4.16	4.13	0.00

Particulars		Base Year	2019-20	2020-21	2021-22	2022-23	2023-24	
III. Losses in LT system and connected equipment								
(i)	Energy delivered to LT system from 11/400 V DTRs	F	26390.62	24866.01	25773.60	26140.58	26519.04	
(ii)	Energy sold to metered categories	Z	12155.40	12751.06	12541.38	13224.76	14064.38	0.00
(iii)	Energy sold to un-metered categories	N	12637.78	10818.39	11744.84	11647.65	11181.74	0.00
Losses (LT System)		F-(Z+N)	1597.44	1296.56	1487.38	1268.18	1272.91	0.00
% Losses (LT System)		[F-(Z+N)] x 100 / (F)	6.05	5.21	5.77	4.85	4.80	0.00
IV. Total losses in the Distribution System								
(i)	Total Input to the distribution system	A + B + D + E	40297.19	38919.84	38004.71	41570.66	43339.13	0.00
(ii)	Total Output from the Distribution Sytem	X + Y + Z + N	35643.40	34676.81	33836.88	37382.52	39067.78	0.00
(iii)	EHT Sales	G	4699.92	5232.49	4437.80	5533.43	9755.02	0.00
Distribution System Losses		(A + B + D + E)-(X + Y + Z + N)	4653.80	4243.03	4167.83	4188.14	4271.34	0.00
% Distribution System Losses (Excluding EHT Sales)		[(A+B+D+E)-(X+Y+Z+N)] x 100 / (A+B+D+E)	11.55	10.90	10.97	10.07	9.86	0.00
% Distribution System Losses (Including EHT Sales)		[(A+B+D+E)-(X+Y+Z+N)] x 100 / (A+B+D+E +G)	10.34	9.61	9.82	8.89	8.04	0.00

Relates to detailed calculation of the Transmission Losses percentage entered in **Form 4**. The working of the losses (MU & percentages) to be entered under working notes **Form 4b**. Form 4B - Transmission Losses

Particulars	Detail Links	Base Year	2019-20	2020-21	2021-22	2022-23	2023-24	Remarks						
								Base Year	2019-20	2020-21	2021-22	2022-23	2023-24	
Total Transmission Losses (Inclusive of PGCIL) (%)														
Input to TSTransco Network (MU)														
TSTransco Losses (%)		3.30	3.19	3.65	4.51	2.88		Incl PGCIL	Incl PGCIL	Incl PGCIL	Incl PGCIL	Incl PGCIL		
TSTransco Losses (MU)		1533.57	1454.89	1609.35	2225.91	1576.26		Incl PGCIL	Incl PGCIL	Incl PGCIL	Incl PGCIL	Incl PGCIL		
Input to PGCIL (For CGS) (MU)														
PGCIL Losses (%) (For CGS)														
PGCIL Losses (MU) (For CGS)														

Form 4.1 Energy Availability
Base Year

Generating Station	PLF (%)	Variable Cost (Rs. /	Gross Energy Availability (MU)													Yearly Auxiliary	Net Energy Availability
			April	May	June	July	August	September	October	November	December	January	February	March	Total		
TSGENCO																	
Thermal																	
VTPS I		0.00														0.00	0.00
VTPS II		0.00														0.00	0.00
VTPS III		0.00														0.00	0.00
VTPS IV		0.00														0.00	0.00
RTPP I		0.00														0.00	0.00
RTPP Stage-II		0.00														0.00	0.00
RTPP Stage-III		0.00														0.00	0.00
KTSPS A		3.20	70.23	71.48	63.82	63.38	61.62	66.35	71.45	69.94	64.53	52.98	46.89	46.62	749.31	749.31	749.31
KTSPS B		3.20	70.23	71.48	63.82	63.38	61.62	66.35	71.45	69.94	64.53	52.98	46.89	46.62	749.31	749.31	749.31
KTSPS C		3.20	70.23	71.48	63.82	63.38	61.62	66.35	71.45	69.94	64.53	52.98	46.89	46.62	749.31	749.31	749.31
KTSPS D		2.82	205.02	216.68	207.59	201.09	175.13	217.69	228.05	209.30	227.61	135.78	147.20	235.45	2406.59	2406.59	2406.59
KTSPS Stage VI		3.13	192.54	226.18	176.93	180.91	182.46	212.17	233.42	229.72	234.88	228.34	208.02	203.02	2508.59	2508.59	2508.59
RTS B		2.94	21.40	23.00	19.36	23.63	13.87	8.88	25.64	24.62	26.08	24.86	23.26	26.13	260.72	260.72	260.72
NTS		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Kakatiya Thermal Power Plant Stage I		3.34	233.54	222.60	237.52	217.15	205.43	181.62	228.61	230.77	198.56	214.27	214.85	211.80	2596.72	2596.72	2596.72
Kakatiya Thermal Power Plant Stage II		2.92	275.98	241.65	247.76	242.27	238.27	277.62	267.59	256.92	121.43	-2.18	148.12	252.99	2568.42	2568.42	2568.42
BTSP (Manuguru New Project)		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
KTSPS VII		2.44	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	34.23	326.91	359.83	602.67	1323.65	1323.65	1323.65
TOTAL THERMAL			1139.20	1144.54	1080.62	1055.20	1000.01	1097.03	1197.66	1161.16	1036.39	1086.94	1241.96	1671.91	13912.62	0.00	13912.62
MACHKUND PH TS Share		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TUNGBHADRA PH TS Share		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
USL		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LSR		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DONKARAYI		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SSLM		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NSPH		0.00	3.28	5.49	5.08	8.96	38.80	72.38	42.66	13.54	11.53	19.18	22.57	25.48	268.95	268.95	268.95
NSRCPH		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NSLCPH		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
POCHAMPAD PH		0.00	0.19	-0.02	-0.02	-0.01	1.61	7.14	7.84	0.32	0.00	0.00	0.00	0.23	17.29	17.29	17.29
NIZAMSAGAR PH		0.00	0.55	0.15	-0.03	-0.03	-0.05	0.32	0.32	-0.01	1.59	1.12	-0.01	-0.01	3.90	3.90	3.90
PABM		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MINI HYDRO&OTHERS		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SINGUR		0.00	0.19	-0.02	-0.02	-0.03	0.61	-0.02	-0.02	-0.02	0.04	-0.02	2.06	1.70	4.47	4.47	4.47
SSLM LCPH		0.00	-0.18	-0.49	-0.43	20.71	296.52	135.87	120.59	27.31	63.61	26.36	-0.06	-0.37	689.42	689.42	689.42
Nagarjunasagar Tail Pond Dam Power House		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Priyadarshini Jurala Hydro Electric Project- AP Share		0.00	-0.13	-0.13	-0.20	15.76	48.15	22.23	-0.04	-0.17	-0.09	-0.04	0.00	-0.04	85.29	85.29	85.29
Lower Jurala Hydro Electric Project		0.00	0.03	-0.19	-0.19	21.74	57.20	24.29	0.78	0.42	-0.18	-0.04	-0.14	-0.14	103.59	103.59	103.59
POCHAMPAD Stage-II		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PULICHINTAL(New Project)		0.00	0.00	0.00	0.00	0.00	0.00	10.29	4.15	-0.06	-0.07	-0.06	-0.05	-0.02	14.20	14.20	14.20
Mini Hydrel & Others (Peddapalli, Palair)		0.00	0.15	-0.02	-0.02	-0.02	-0.02	0.26	0.33	0.10	-0.02	-0.02	0.04	0.03	0.79	0.79	0.79
Ramagiri Wind Mills (AP)		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Pochampad Stage-IV		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL HYDRO			4.07	4.77	4.18	67.09	442.83	272.78	176.62	41.43	76.41	46.46	24.40	26.86	1187.90	0.00	1187.90
TOTAL TSGENCO			1143.27	1149.31	1084.80	1122.29	1442.84	1369.81	1374.29	1202.59	1112.79	1133.40	1266.36	1698.78	15100.52	0.00	15100.52
Central Generating Stations																	
NTPC																	
NTPC (SR)																	
NTPC (SR)		2.67	130.90	128.96	117.23	111.02	143.09	142.84	120.09	162.38	151.91	147.04	134.87	124.10	1614.44	1614.44	1614.44
NTPC (SR) Stage III		2.46	31.65	34.73	37.01	40.54	38.49	37.00	40.68	20.99	7.65	39.31	33.37	39.32	400.74	400.74	400.74
Total NTPC(SR)			162.55	163.69	154.23	151.57	181.58	179.85	160.77	183.37	159.56	186.35	168.24	163.42	2015.18	0.00	2015.18

Generating Station	PLF (%)	Variable Cost (Rs. /	Gross Energy Availability (MU)													Yearly Auxiliary	Net Energy Availability
			April	May	June	July	August	September	October	November	December	January	February	March	Total		
NTPC (ER)																	
Farakka		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Kahaigaon		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Talcher - Stage 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	0.00	0.00	0.00	0.00
Talcher Stage 2		1.70	90.72	94.45	84.92	63.02	66.29	66.27	67.42	86.61	98.23	94.15	83.80	101.34	997.23		997.23
Others		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total NTPC(ER)			90.72	94.45	84.92	63.02	66.29	66.27	67.42	86.61	98.23	94.15	83.80	101.34	997.23	0.00	997.23
Total NTPC			253.27	258.15	239.16	214.58	247.88	246.11	228.19	269.98	257.79	280.49	252.04	264.77	3012.42	0.00	3012.42
NLC TS-II																	
Stage-I		2.48	8.78	14.82	15.57	18.54	13.72	22.94	22.99	19.08	23.02	23.69	21.73	22.19	227.08		227.08
Stage-II		2.55	15.26	21.70	25.53	32.86	28.34	39.91	42.31	44.99	41.51	42.51	37.76	41.50	414.17		414.17
Total NLC			24.04	36.52	41.10	51.39	42.06	62.85	65.29	64.08	64.53	66.20	59.49	63.69	641.24	0.00	641.24
NPC																	
NPC-MAPS		2.73	6.55	4.74	4.60	4.52	4.88	4.41	4.11	2.55	0.00	0.00	2.43	4.36	43.14		43.14
NPC-Kaiga unit I		3.81	65.83	70.75	67.77	65.92	72.16	51.14	67.04	68.30	69.64	53.74	49.42	59.70	761.42		761.42
NPC-Kaiga unit II			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
Total NPC			72.38	75.49	72.37	70.44	77.04	55.56	71.14	70.85	69.64	53.74	51.85	64.06	804.55	0.00	804.55
NTPC - Simhadri																	
NTPC Simhadri Stage I		2.95	208.85	220.63	191.50	213.34	209.04	162.02	136.98	150.30	236.51	221.86	222.15	229.03	2402.21		2402.21
NTPC Simhadri Stage II		3.06	56.54	43.48	31.30	71.06	34.32	61.57	95.30	100.71	95.81	94.23	83.52	83.72	851.56		851.56
Total NTPC- Simhadri			265.39	264.11	222.80	284.40	243.36	223.59	232.28	251.00	332.32	316.08	305.67	312.75	3253.77	0.00	3253.77
CGS - New																	
Vaillur Thermal Power Plant		3.81	14.70	27.55	17.92	24.43	18.50	27.66	34.12	30.51	31.34	25.28	36.44	42.72	331.17		331.17
Tuticorin/NLC Tamilnadu Power Ltd		3.16	16.90	41.46	33.82	32.98	28.55	56.99	85.61	59.70	55.76	41.38	23.10	28.02	504.27		504.27
NPC-Kundnkulam		4.21	0.00	0.00	0.00	6.36	0.26	4.70	12.88	18.23	18.26	18.20	14.59	13.78	107.26		107.26
kudigi		3.83	18.07	39.70	20.74	10.61	0.00	75.50	86.65	52.70	73.56	78.64	69.04	95.18	620.39		620.39
NTPC Aravali Power		0.00													0.00		0.00
NCE - Bundled Power (Coal) (NTPC 200 MW)		3.31	72.35	74.11	75.92	92.52	80.76	100.29	118.75	96.67	107.19	106.21	90.85	94.47	1110.10		1110.10
NCE-Bundled Power (NVVNL) coal		4.27	16.42	12.72	12.05	11.57	10.30	14.99	15.25	16.41	11.50	16.70	15.00	17.11	170.03		170.03
															0.00		0.00
															0.00		0.00
															0.00		0.00
TOTAL CGS			753.52	829.81	735.88	799.30	748.70	868.23	950.16	930.13	1021.90	1002.92	918.08	996.55	10555.18	0.00	10555.18
APGPCL																	
APGPCL I - Allocated capacity		3.11	1.38	1.04	0.66	1.79	1.65	1.43	1.39	1.22	1.32	0.65	0.58	0.62	13.73		13.73
APGPCL I - Unutilised capacity		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
APGPCL II - Allocated capacity		2.82	5.52	3.65	1.77	4.79	4.42	3.82	3.73	3.25	3.53	1.73	1.56	1.65	39.40		39.40
APGPCL II - Unutilised capacity		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
Total APGPCL			6.90	4.69	2.43	6.58	6.07	5.25	5.12	4.47	4.84	2.37	2.14	2.26	53.13	0.00	53.13
IPPS																	
GVK		0.00													0.00		0.00
Spectrum		0.00													0.00		0.00
Kondapalli (Naphtha)		0.00													0.00		0.00
Kondapalli (Gas)		0.00													0.00		0.00
BSES		0.00													0.00		0.00
GVK Extension		0.00													0.00		0.00
Vemagiri		0.00													0.00		0.00
Gautami		0.00													0.00		0.00
Konaseema		0.00													0.00		0.00
TOTAL IPPS			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Generating Station	PLF (%)	Variable Cost (Rs. /	Gross Energy Availability (MU)													Yearly Auxiliary	Net Energy Availability	
			April	May	June	July	August	September	October	November	December	January	February	March	Total			
NCE																		
NCE - Bio-Mass		5.82	2.40	1.87	2.98	2.87	1.36	1.10	2.95	0.73	1.87	5.46	5.25	3.70	32.53		32.53	
NCE - Bagasse		4.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.23	6.15	6.76	6.68	3.07	23.89		23.89	
NCE - Municipal Waste to Energy		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
NCE - Industrial Waste based power project		6.23	1.45	4.04	3.34	3.50	5.08	5.08	4.09	4.82	4.79	5.08	4.70	0.25	46.22		46.22	
NCE - Wind Power		4.69	47.26	14.89	21.40	16.48	17.03	16.48	11.34	17.03	16.48	17.03	17.58	17.51	230.49		230.49	
NCE - Mini Hydel		0.00	0.04	0.00	0.00	0.00	0.00	0.49	0.54	0.38	0.07	0.25	0.23	0.34	2.35		2.35	
NCE - NCL Energy Ltd		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
NCE-Solar		6.01	297.52	282.98	294.74	227.46	205.11	254.56	329.95	294.34	353.15	306.28	305.43	446.17	3597.69		3597.69	
NCE - Bundled Power NVVNL (solar) JNNM Ph 1		10.76	4.73	3.97	2.76	1.51	1.44	2.00	3.86	3.20	2.53	3.92	4.58	5.67	40.17		40.17	
NCE - Bundled Power (Solar) (NTPC 400 MW)		4.73	37.83	41.05	50.08	42.64	23.18	64.93	63.40	54.72	53.61	27.59	58.60	61.62	579.25		579.25	
NCE-Others		0.00													0.00		0.00	
TOTAL NCEs			391.23	348.80	375.30	294.46	253.20	344.64	416.13	376.44	438.65	372.36	403.05	538.33	4552.58	0.00	4552.58	
OTHERS																		
Srivatha		0.00													0.00		0.00	
LVS		0.00													0.00		0.00	
Vishakapatnam Steel Plant		0.00													0.00		0.00	
NB Ferro Alloys		0.00													0.00		0.00	
Singareni I & II		2.42	472.88	530.15	298.47	426.41	530.18	568.80	578.69	346.61	323.16	575.40	531.17	555.32	5737.24		5737.24	
Thermal Power Tech		2.10	136.87	115.98	134.98	139.79	139.86	136.49	95.18	78.88	80.01	84.11	70.25	129.51	1341.92		1341.92	
CSPGCL		1.20	452.63	429.73	328.00	333.69	336.87	334.76	249.60	421.45	377.13	110.29	146.68	238.83	3759.64		3759.64	
Thermal Power Tech Unit II		2.42	275.93	235.42	263.00	285.89	241.26	265.17	197.04	166.87	157.45	140.22	108.96	269.73	2606.94		2606.94	
TOTAL OTHERS			1338.30	1311.27	1024.45	1185.79	1248.17	1305.22	1120.51	1013.80	937.75	910.02	857.06	1193.38	13445.74	0.00	13445.74	
MARKET																		
Bilateral Sales (PTC etc.)		5.05	412.32	16.65	49.82	287.48	473.04	583.00	827.32	331.93	157.41	326.70	337.41	735.97	4539.05		4539.05	
Sale of Power		3.52	-265.07	-343.42	-176.34	-38.35	-180.11	-15.37	0.00	-67.36	-49.70	-25.35	-38.14	-30.14	-1229.35		-1229.35	
D-D Sales/Purchase & UI		7.71	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-486.17	-486.17		-486.17	
TOTAL MARKET			147.25	-326.77	-126.52	249.13	292.93	567.63	827.32	264.57	107.72	301.35	299.27	219.66	2823.53	0.00	2823.53	
TOTAL (From All Sources)			3780.47	3317.12	3096.34	3657.55	3991.90	4460.78	4693.52	3792.00	3623.66	3722.42	3745.96	4648.96	46530.68	0.00	46530.68	

2019-20

Generating Station	PLF (%)	Variable Cost (Rs. /	Gross Energy Availability (MU)													Yearly Auxiliary	Net Energy Availability
			April	May	June	July	August	September	October	November	December	January	February	March	Total		
TSGENCO																	
Thermal																	
VTPS I		0.00													0.00		0.00
VTPS II		0.00													0.00		0.00
VTPS III		0.00													0.00		0.00
VTPS IV		0.00													0.00		0.00
RTPP I		0.00													0.00		0.00
RTPP Stage-II		0.00													0.00		0.00
RTPP Stage-III		0.00													0.00		0.00

Generating Station	PLF (%)	Variable Cost (Rs. /	Gross Energy Availability (MU)													Yearly Auxiliary	Net Energy Availability
			April	May	June	July	August	September	October	November	December	January	February	March	Total		
KTPS A		3.30	58.06	55.52	50.29	62.25	63.00	55.02	31.69	38.99	60.90	59.06	46.62	31.66	613.05		613.05
KTPS B		3.30	38.71	37.02	33.52	41.50	42.00	36.68	21.13	25.99	40.60	39.37	31.08	21.11	408.70		408.70
KTPS C		3.30	38.71	37.02	33.52	41.50	42.00	36.68	21.13	25.99	40.60	39.37	31.08	21.11	408.70		408.70
KTPS D		2.76	211.01	222.59	201.12	203.05	198.60	150.95	158.84	115.92	209.75	199.17	188.52	206.10	2265.63		2265.63
KTPS Stage VI		2.72	229.06	224.14	219.89	128.47	48.54	200.58	184.38	221.15	251.94	227.87	212.67	244.40	2393.07		2393.07
RTS B		3.01	25.45	26.44	23.64	26.29	23.92	13.49	8.15	13.08	23.33	22.67	21.42	17.52	245.41		245.41
NTS		0.00													0.00		0.00
Kakatiya Thermal Power Plant Stage I		3.01	213.39	222.32	219.55	210.12	157.77	106.54	-1.84	-0.94	240.34	222.00	228.85	235.40	2053.50		2053.50
Kakatiya Thermal Power Plant Stage II		2.90	274.43	285.65	223.27	273.41	194.97	229.71	157.46	263.19	289.52	268.83	246.21	286.32	2992.97		2992.97
KTPS VII		2.55	320.97	392.09	322.69	27.33	311.16	306.91	360.71	345.69	-1.56	-0.85	-0.90	7.56	2391.80		2391.80
TOTAL THERMAL			1409.79	1502.78	1327.48	1013.91	1081.97	1136.55	941.66	1049.05	1155.41	1077.49	1005.56	1071.19	13772.85	0.00	13772.85
MACHKUND PH TS Share		0.00													0.00		0.00
TUNGBHADRA PH TS Share		0.00													0.00		0.00
USL		0.00													0.00		0.00
LSR		0.00													0.00		0.00
DONKARAYI		0.00													0.00		0.00
SSLM		0.00													0.00		0.00
NSPH		0.00	11.44	-0.30	-0.21	-0.21	183.06	327.77	341.53	157.60	20.32	52.49	24.14	3.74	1121.37		1121.37
NSRCPH		0.00													0.00		0.00
NSLCPH		0.00													0.00		0.00
POCHAMPAD PH		0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.56	1.71	0.64	0.78	0.00	0.00	4.69		4.69
NIZAMSAGAR PH		0.00	-0.02	-0.01	-0.01	-0.03	-0.04	-0.03	-0.04	-0.03	-0.02	-0.06	0.63	0.50	0.84		0.84
PABM		0.00													0.00		0.00
MINI HYDRO&OTHERS		0.00													0.00		0.00
SINGUR		0.00	0.25	-0.04	-0.03	-0.03	-0.03	0.20	4.80	4.44	1.16	5.06	6.18	6.74	28.70		28.70
SSLM LCPH		0.00	14.11	-0.47	-0.39	-0.47	280.73	336.78	353.23	170.37	50.42	58.11	89.30	49.89	1401.60		1401.60
Nagarjunasagar Tail Pond Dam Power House		0.00													0.00		0.00
Priyadarshini Jurala Hydro Electric Project- AP Share		0.00	-0.04	-0.06	-0.05	-0.01	6.31	40.93	47.16	20.24	0.02	-0.07	-0.10	-0.18	114.15		114.15
Lower Jurala Hydro Electric Project		0.00	-0.16	-0.21	-0.22	1.33	19.43	71.73	77.91	47.69	0.32	0.00	-0.11	0.03	217.74		217.74
POCHAMPAD Stage-II		0.00													0.00		0.00
PULICHINTAL(New Project)		0.00	-0.01	0.00	0.00	0.00	4.85	35.86	47.54	27.93	4.07	7.15	7.38	5.25	140.00		140.00
Mini Hydel & Others (Peddapalli, Palair)		0.00	-0.01	-0.02	-0.02	-0.02	-0.02	0.02	0.00	0.03	0.00	0.23	0.40	0.07	0.67		0.67
Ramagiri Wind Mills (AP)		0.00													0.00		0.00
Pochampad Stage-IV		0.00													0.00		0.00
TOTAL HYDRO			25.57	-1.10	-0.94	0.56	494.29	813.26	873.68	429.98	76.92	123.69	127.83	66.04	3029.76	0.00	3029.76
TOTAL TSGENCO			1435.35	1501.68	1326.54	1014.46	1576.26	1949.81	1815.34	1479.03	1232.33	1201.17	1133.39	1137.23	16802.61	0.00	16802.61
Central Generating Stations																	
NTPC																	
NTPC (SR)																	
NTPC (SR)		2.53	103.40	117.73	86.21	135.94	177.23	60.05	78.36	103.22	122.86	152.48	141.60	153.61	1432.69		1432.69
NTPC (SR) Stage III		2.62	30.46	29.94	25.91	39.01	43.03	23.63	26.60	33.10	41.15	41.14	38.70	5.36	378.03		378.03
Total NTPC(SR)			133.86	147.67	112.11	174.95	220.26	83.69	104.96	136.32	164.01	193.62	180.30	158.97	1810.72	0.00	1810.72
NTPC (ER)																	
Farakka		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
Kahalgaon		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
Talcher - Stage 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	0.00	0.00		0.00
Talcher Stage 2		2.03	92.39	85.29	75.85	71.62	55.02	43.51	59.16	76.22	100.55	99.73	100.15	110.08	969.57		969.57
Others		0.00													0.00		0.00
Total NTPC(ER)			92.39	85.29	75.85	71.62	55.02	43.51	59.16	76.22	100.55	99.73	100.15	110.08	969.57	0.00	969.57
Total NTPC			226.25	232.96	187.97	246.58	275.28	127.19	164.12	212.55	264.56	293.35	280.45	269.05	2780.29	0.00	2780.29
NLC TS-II																	
Stage-I		2.72	20.68	17.89	16.87	20.89	20.51	12.76	16.15	20.53	24.25	29.10	29.00	29.28	257.92		257.92
Stage-II		2.72	37.83	26.83	19.86	29.80	43.52	18.60	26.21	39.18	48.86	52.52	47.94	50.80	441.95		441.95
Total NLC			58.51	44.72	36.73	50.69	64.04	31.35	42.36	59.70	73.11	81.62	76.94	80.08	699.87	0.00	699.87
NPC																	
NPC-MAPS		0.44	2.64	4.35	4.61	4.78	4.98	4.24	5.02	4.45	4.44	3.83	4.73	4.78	52.87		52.87
NPC-Kaiga unit I		2.60	33.58	35.57	30.10	31.54	25.63	34.45	34.82	27.98	35.81	31.54	27.51	34.16	382.70		382.70
NPC-Kaiga unit II		2.60	33.58	35.57	30.10	31.54	25.63	34.45	34.82	27.98	35.81	31.54	27.51	34.16	382.70		382.70
Total NPC			69.80	75.50	64.81	67.86	56.24	73.14	74.67	60.42	76.06	66.91	59.76	73.10	818.27	0.00	818.27

Generating Station	PLF (%)	Variable Cost (Rs. /	Gross Energy Availability (MU)													Yearly Auxiliary	Net Energy Availability
			April	May	June	July	August	September	October	November	December	January	February	March	Total		
NTPC - Simhadri																	
NTPC Simhadri Stage I		3.45	187.79	141.93	84.70	157.36	126.60	79.69	40.12	109.41	225.94	236.21	231.17	224.31	1845.24		1845.24
NTPC Simhadri Stage II		3.35	53.11	68.51	63.49	85.43	81.80	38.30	16.09	42.94	104.08	100.92	96.49	98.15	849.32		849.32
Total NTPC- Simhadri			240.90	210.44	148.20	242.79	208.40	117.99	56.21	152.35	330.02	337.14	327.66	322.46	2694.56	0.00	2694.56
CGS - New																	
Vallur Thermal Power Plant		4.44	25.67	28.97	25.76	27.89	20.81	8.20	12.02	24.26	28.27	34.67	37.41	29.67	303.59		303.59
Tuticorin/NLC Tamilnadu Power Ltd		2.93	26.28	20.34	17.69	29.23	63.79	25.54	23.40	39.45	73.85	74.78	67.69	67.10	529.15		529.15
NPC-Kundankulam kudigi		4.21	13.98	13.56	13.20	13.96	13.95	12.13	13.90	13.79	6.32	0.00	0.00	11.26	126.05		126.05
NCE-Bundled Power (NVVNL) coal		4.80	14.58	13.82	12.79	12.20	11.77	9.92	8.18	9.06	11.55	13.07	15.63	16.04	148.60		148.60
NCE - Bundled Power (Coal) (NTPC 200 MW)		3.99	80.94	83.20	65.90	80.71	79.74	111.30	18.86	59.01	80.08	104.58	93.97	113.91	972.19		972.19
Neyveli new unit - 1		2.30									0.16	6.55	9.85	7.40	23.98		23.98
NTPC Aravali Power		0.00													0.00		0.00
															0.00		0.00
															0.00		0.00
TOTAL CGS			805.92	753.59	589.01	805.35	828.87	517.62	419.57	630.63	965.70	1052.88	1052.86	1073.28	9495.29	0.00	9495.29
APGPCL																	
APGPCL I - Allocated capacity		3.22	0.58	0.51	0.54	1.07	1.31	0.88	0.73	0.67	0.66	0.00	0.00	0.00	6.95		6.95
APGPCL I - Unutilised capacity		0.00													0.00		0.00
APGPCL II - Allocated capacity		3.08	1.55	1.37	1.43	2.85	3.51	2.36	1.95	1.79	1.76	0.00	0.00	0.00	18.58		18.58
APGPCL II - Unutilised capacity		0.00													0.00		0.00
Total APGPCL			2.13	1.88	1.97	3.92	4.82	3.24	2.69	2.47	2.42	0.00	0.00	0.00	25.53	0.00	25.53
IPPS																	
GVK		0.00													0.00		0.00
Spectrum		0.00													0.00		0.00
Kondapalli (Naphtha)		0.00													0.00		0.00
Kondapalli (Gas)		0.00													0.00		0.00
BSES		0.00													0.00		0.00
GVK Extension		0.00													0.00		0.00
Vemagiri		0.00													0.00		0.00
Gautami		0.00													0.00		0.00
Konaseema		0.00													0.00		0.00
TOTAL IPPS			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NCE																	
NCE - Bio-Mass		6.28	3.90	2.49	4.82	3.02	1.83	1.10	2.43	2.53	1.77	2.43	6.17	5.48	37.97		37.97
NCE - Bagasse		4.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.14	4.15	1.05	9.34		9.34
NCE - Municipal Waste to Energy		0.00												0.00	0.00		0.00
NCE - Industrial Waste based power project		4.19	0.00	0.00	5.45	0.00	0.00	0.00	0.00	0.00	2.30	1.33	1.12	3.87	14.06		14.06
NCE - Wind Power		4.44	9.14	8.98	20.91	16.36	16.48	17.58	7.79	12.91	19.96	20.43	19.81	14.85	185.19		185.19
NCE - Mini Hydel		0.00	0.18	0.00	0.00	0.00	0.13	0.57	0.48	0.29	0.08	0.53	0.38	0.36	2.99		2.99
NCE - NCL Energy Ltd		0.00													0.00		0.00
NCE-Solar		5.99	425.77	337.41	328.87	262.65	226.26	257.15	242.76	257.40	269.71	282.25	337.13	337.56	3564.93		3564.93
NCE - Bundled Power NVVNL (solar) JNNSM Ph 1		10.76	5.01	4.03	3.19	1.61	1.59	2.31	3.20	3.12	2.51	3.71	4.74	5.60	40.62		40.62
NCE - Bundled Power (Solar) (NTPC 400 MW)		4.81	56.55	60.33	43.90	47.69	33.72	34.50	43.49	39.36	55.99	34.98	47.26	62.39	560.17		560.17
NCE-Others		0.00													0.00		0.00
TOTAL NCES			500.55	413.24	407.15	331.33	280.00	313.22	300.14	315.60	352.31	349.81	420.74	431.17	4415.26	0.00	4415.26

Generating Station	PLF (%)	Variable Cost (Rs. / kWh)	Gross Energy Availability (MU)													Yearly Auxiliary	Net Energy Availability	
			April	May	June	July	August	September	October	November	December	January	February	March	Total			
OTHERS																		
Srivathsa		0.00															0.00	0.00
LVS		0.00															0.00	0.00
Vishakapatnam Steel Plant		0.00															0.00	0.00
NB Ferro Alloys		0.00															0.00	0.00
Singareni I & II	2.81	533.77	530.97	536.74	507.40	513.69	469.93	382.80	418.85	538.78	533.90	554.34	547.29	6068.46	6068.46		6068.46	
Thermal Power Tech	3.06	121.82	116.94	136.26	138.74	136.35	133.76	134.63	133.97	140.50	138.27	132.31	140.17	1603.73	1603.73		1603.73	
CSPGCL	1.20	45.99	62.91	133.93	215.64	77.66	53.34	94.66	149.38	216.50	136.22	186.36	211.31	1583.90	1583.90		1583.90	
Thermal Power Tech Unit II	2.43	248.51	214.28	230.14	285.20	295.83	238.52	239.89	273.66	292.50	279.89	296.52	3191.82	3191.82		3191.82		
TOTAL OTHERS			950.10	925.10	1037.08	1146.99	1023.53	895.54	851.99	975.86	1192.64	1100.89	1152.90	1195.30	12447.91	0.00	12447.91	
MARKET																		
Bilateral Sales (RTC, PTC etc..)	3.71	415.08	134.77	66.18	266.69	368.21	169.16	22.33	125.01	477.10	752.38	909.52	1059.40	4765.83	4765.83		4765.83	
D-D /Interstate Sale/UI	3.84	-218.11	147.55	85.93	-63.85	-198.77	-123.86	-43.63	-169.34	-377.12	-261.25	-514.57	-608.18	-2345.21	-2345.21		-2345.21	
TOTAL MARKET			196.96	282.32	152.11	202.84	169.44	45.30	-21.30	-44.33	99.98	491.13	394.96	451.22	2420.62	0.00	2420.62	
TOTAL (From All Sources)			3891.01	3877.82	3513.86	3504.89	3882.92	3724.73	3368.43	3359.26	3845.38	4195.87	4154.84	4288.20	45607.22	0.00	45607.22	

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Generating Station	PLF (%)	Variable Cost (Rs. / kWh)	Gross Energy Availability (MU)													Yearly Auxiliary Consumption (MU)	Net Energy Availability (MU)
			April	May	June	July	August	September	October	November	December	January	February	February	Total		
TSGENCO																	
Thermal																	
KTPS D	2.66	186.94	183.15	107.47	98.53	102.12	67.85	108.00	81.78	163.10	198.28	203.46	223.43	1724.11	1724.11		1724.11
KTPS Stage VI	2.67	214.65	206.50	185.36	189.49	205.57	202.66	134.06	188.59	210.22	212.47	203.03	236.57	2389.17	2389.17		2389.17
RTS B	3.08	12.22	-0.18	-0.18	-0.22	17.44	21.16	20.68	20.98	22.26	21.93	19.64	21.01	176.72	176.72		176.72
NTS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
Kakatiya Thermal Power Plant Stage I	2.59	126.17	64.03	205.30	149.71	74.05	123.47	75.70	-3.95	177.02	213.19	222.81	232.29	1659.79	1659.79		1659.79
Kakatiya Thermal Power Plant Stage II	2.54	201.25	256.65	40.48	237.15	180.95	235.96	234.87	228.02	256.89	216.80	232.25	270.24	2591.52	2591.52		2591.52
BTPS	2.52	0.00	0.00	68.79	99.01	77.16	50.82	58.80	-3.67	108.47	185.24	180.95	344.29	1169.87	1169.87		1169.87
KTPS VII	2.29	197.75	342.40	376.41	378.42	314.51	347.27	320.81	369.32	397.47	349.25	331.71	390.07	4115.40	4115.40		4115.40
TOTAL THERMAL			938.98	1052.56	983.63	1152.08	971.80	1049.18	952.93	881.07	1335.43	1397.17	1393.85	1717.90	13826.58	0.00	13826.58
NSPH	0.00	1.32	-0.24	7.01	5.25	113.83	248.60	328.20	59.98	16.33	57.60	51.29	48.64	937.81	937.81		937.81
NSRCPH	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
NSLCPH	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
POCHAMPAD PH	0.00	1.96	-0.03	-0.01	1.45	2.33	7.92	11.04	1.29	0.46	6.65	4.63	5.95	43.64	43.64		43.64
NIZAMSAGAR PH	0.00	-0.01	-0.02	-0.01	-0.02	-0.02	-0.01	0.06	0.18	0.96	1.89	0.93	2.19	6.11	6.11		6.11
PABM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
MINI HYDRO&OTHERS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
SINGUR	0.00	0.82	-0.01	-0.01	0.60	0.97	3.30	4.60	0.54	0.19	2.77	1.93	2.48	18.18	18.18		18.18
SSLM LCPH	0.00	19.43	-0.49	-0.12	168.16	289.29	0.00	24.11	130.25	25.29	45.14	68.46	91.23	860.75	860.75		860.75
Nagarjunasagar Tail Pond Dam Power House	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
Priyadarshini Jurala Hydro Electric Project- AP Share	0.00	-0.10	-0.14	-0.11	24.00	25.05	32.06	28.89	16.15	0.32	-0.04	-0.05	-0.03	126.00	126.00		126.00
Lower Jurala Hydro Electric Project	0.00	-0.13	-0.15	-0.12	43.43	59.38	75.90	61.40	34.86	1.17	0.10	-0.14	0.06	275.79	275.79		275.79
POCHAMPAD Stage-II	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
PULICHINTAL(New Project)	0.00	1.87	-0.01	-0.02	0.64	10.63	27.04	28.74	19.41	7.83	15.21	12.34	15.62	139.31	139.31		139.31
Ramagiri Wind Mills	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
Pochampad Stage-IV	0.00	0.00	0.00	0.00	0.04	0.04	1.92	3.22	0.42	0.03	0.15	1.35	0.09	7.25	7.25		7.25
Mini Hydrel & Others (Peddapalli, Palair)	0.00	0.04	-0.02	-0.02	0.02	0.11	0.09	-0.01	-0.02	-0.02	0.04	0.25	0.32	0.79	0.79		0.79
TOTAL HYDRO			25.19	-1.10	6.60	243.59	501.61	396.82	490.25	263.06	52.57	129.51	140.98	166.55	2415.64	0.00	2415.64
TOTAL TSGENCO			964.17	1051.46	990.23	1395.67	1473.41	1446.00	1443.18	1144.13	1388.00	1526.69	1534.83	1884.45	16242.22	0.00	16242.22

Generating Station	PLF (%)	Variable Cost (Rs. /	Gross Energy Availability (MU)													Yearly Auxiliary	Net Energy Availability
			April	May	June	July	August	September	October	November	December	January	February	March	Total		
Central Generating Stations																	
NTPC																	
NTPC (SR)																	
NTPC (SR)		2.42	138.71	129.56	147.76	157.12	117.08	84.36	96.48	107.54	130.02	107.37	130.61	152.51	1499.14	1499.14	
NTPC (SR) Stage III		2.38	0.00	0.00	28.81	39.49	35.23	33.20	30.34	35.73	34.38	39.08	37.74	39.63	353.62	353.62	
Total NTPC(SR)			138.71	129.56	176.56	196.62	152.31	117.56	126.81	143.27	164.40	146.45	168.35	192.14	1852.76	0.00	1852.76
NTPC (ER)																	
Talcher Stage 2		1.95	94.35	101.76	94.43	102.30	89.11	77.82	92.44	70.14	84.69	79.14	73.20	101.99	1061.37	1061.37	
Others															0.00	0.00	
Total NTPC(ER)			94.35	101.76	94.43	102.30	89.11	77.82	92.44	70.14	84.69	79.14	73.20	101.99	1061.37	0.00	1061.37
Total NTPC			233.06	231.32	270.99	298.92	241.42	195.38	219.26	213.42	249.09	225.59	241.55	294.13	2914.13	0.00	2914.13
NLC TS-II																	
Stage-I		2.73	24.46	20.42	23.52	9.30	9.93	12.24	6.06	11.70	17.91	22.72	22.73	27.05	208.06	208.06	
Stage-II		2.71	36.02	22.18	30.77	0.48	0.00	8.82	7.13	13.26	17.13	21.50	27.83	36.97	222.09	222.09	
Total NLC			60.48	42.61	54.29	9.78	9.93	21.06	13.19	24.96	35.04	44.22	50.57	64.01	430.15	0.00	430.15
NPC																	
NPC-MAPS		2.59	4.54	4.37	4.55	4.41	4.97	4.73	4.13	1.71	4.62	3.82	2.69	4.53	49.08	49.08	
NPC-Kaiga unit I		3.45	47.42	56.74	68.46	69.94	71.73	69.13	70.14	63.27	41.76	57.11	55.30	71.22	742.21	742.21	
NPC-Kaiga unit II		0.00													0.00	0.00	
Total NPC			51.97	61.11	73.01	74.35	76.70	73.86	74.27	64.98	46.38	60.93	57.99	75.75	791.29	0.00	791.29
NTPC - Simhadri																	
NTPC Simhadri Stage I		3.29	99.40	8.06	1.95	162.09	61.19	70.97	26.36	1.56	41.46	174.17	219.15	265.21	1131.58	1131.58	
NTPC Simhadri Stage II		3.10	79.82	61.58	87.85	83.44	40.91	46.36	9.84	4.40	51.44	93.73	103.41	107.93	770.72	770.72	
Total NTPC- Simhadri			179.23	69.64	89.80	245.53	102.10	117.33	36.19	5.96	92.90	267.90	322.57	373.14	1902.30	0.00	1902.30
CGS - New																	
Vallur Thermal Power Plant		3.70	10.02	7.72	2.11	0.04	0.01	0.16	1.72	4.24	12.13	32.04	43.37	39.98	153.54	153.54	
Tuticorin/NLC Tamilnadu Power Ltd		2.85	58.28	42.26	63.73	60.53	42.38	42.55	36.02	32.05	24.99	51.15	58.77	56.06	568.77	568.77	
NPC-Kundankulam		4.14	21.74	18.60	24.13	16.34	21.57	23.81	24.77	24.17	20.46	12.05	0.00	0.00	207.65	207.65	
kudigi		3.10	14.33	0.00	0.00	0.00	0.00	10.21	0.00	0.00	39.89	108.02	91.13	116.29	379.87	379.87	
NCE-Bundled Power (NVVNL) coal		4.46	10.83	9.96	14.54	13.31	9.11	8.03	17.08	-3.76	13.01	16.27	15.71	19.65	143.74	143.74	
NCE - Bundled Power (Coal) (NTPC 200 MW)		3.75	75.32	67.34	54.57	64.72	64.89	70.71	68.13	51.96	58.63	71.95	72.99	94.52	815.71	815.71	
NNTPS		2.31	10.25	12.05	9.84	13.44	4.78	10.16	10.82	10.80	8.69	9.32	13.11	20.66	133.94	133.94	
															0.00	0.00	
															0.00	0.00	
															0.00	0.00	
TOTAL CGS			725.51	562.61	657.02	796.96	572.90	573.26	501.45	428.78	601.21	899.44	967.75	1154.19	8441.08	0.00	8441.08
APGPCL																	
APGPCL I - Allocated capacity		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
APGPCL I - Unutilised capacity															0.00	0.00	
APGPCL II - Allocated capacity		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
APGPCL II - Unutilised capacity															0.00	0.00	
Total Apgpcl			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Generating Station	PLF (%)	Variable Cost (Rs. /	Gross Energy Availability (MU)													Yearly Auxiliary	Net Energy Availability	
			April	May	June	July	August	September	October	November	December	January	February	March	Total			
NCE																		
NCE - Bio-Mass		6.54	5.43	5.13	5.63	5.11	4.52	3.30	4.94	4.40	4.83	2.54	5.58	3.10	54.51		54.51	
NCE - Bagasse		4.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.47	3.12	2.02	0.00	8.60		8.60	
NCE - Municipal Waste to Energy		7.73	0.00	0.00	0.00	0.00	0.00	2.68	6.28	6.47	6.89	13.05	12.81	10.37	58.55		58.55	
NCE - Industrial Waste based power project		6.13	2.16	4.63	5.02	4.91	3.03	4.57	2.43	1.76	0.00	0.23	2.81	4.42	35.99		35.99	
NCE - Wind Power		4.78	15.92	12.88	21.62	16.48	17.03	15.10	8.69	17.30	19.84	15.22	17.06	14.40	191.55		191.55	
NCE - Mini Hydel		0.00	0.05	0.04	0.03	0.00	0.13	0.35	0.38	0.21	0.22	0.48	0.50	0.44	2.83		2.83	
NCE - NCL Energy Ltd			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
NCE-Solar		5.98	358.67	336.43	301.04	263.65	229.05	267.31	232.00	305.64	290.19	299.04	343.28	326.70	3553.00		3553.00	
NCE - Bundled Power NVVNL (solar) JNNSM Ph 1		10.74	5.41	4.76	2.91	1.67	1.97	2.14	2.36	1.38	1.85	3.17	3.70	5.21	36.53		36.53	
NCE - Bundled Power (Solar) (NTPC 400 MW)		4.81	57.39	54.76	52.01	43.67	34.42	28.79	49.83	35.01	59.98	50.32	41.52	67.32	575.01		575.01	
TOTAL NCES			445.04	418.64	388.26	335.49	290.15	324.24	306.92	372.16	387.28	387.17	429.28	431.96	4516.58	0.00	4516.58	
OTHERS																		
Singareni I & II		2.55	409.40	466.42	28.36	260.33	431.67	428.29	486.65	501.16	515.32	568.32	328.65	425.52	4850.08		4850.08	
Thermal Power Tech		2.12	277.10	292.63	189.16	73.84	211.34	281.53	287.67	217.18	296.36	296.88	255.60	288.44	2967.73		2967.73	
CSPGCL		1.20	208.08	209.74	203.88	248.52	327.31	192.86	153.63	291.86	231.15	65.82	38.94	138.93	2310.75		2310.75	
Thermal Power Tech Unit II		2.33	124.89	127.45	85.89	34.61	96.44	116.49	124.50	91.89	132.59	133.75	120.64	136.35	1325.47		1325.47	
TOTAL OTHERS			1019.47	1096.24	507.28	617.30	1066.77	1019.16	1052.45	1102.09	1175.43	1064.76	743.83	989.25	11454.02	0.00	11454.02	
MARKET																		
Short Term Power (PTC & others)		3.37	212.20	127.55	533.68	628.12	493.22	261.67	45.17	11.96	262.57	991.08	1160.43	1602.57	6330.21		6330.21	
D-D purchase/ sale		3.89	-247.06	53.15	66.77	-198.79	-380.43	-79.50	-12.29	40.67	-104.76	-450.20	-492.79	-369.22	-2174.46		-2174.46	
Interstate Sale/UI/Sale/Purchase in 33kV & below		2.87	-17.67	-37.56	6.87	-24.28	-50.38	-96.05	-196.79	-201.32	-90.27	-33.13	-21.12	3.90	-757.79		-757.79	
															0.00		0.00	
TOTAL MARKET			-52.53	143.15	607.32	405.05	62.41	86.12	-163.91	-148.69	67.54	507.75	646.51	1237.24	3397.95	0.00	3397.95	
TOTAL (From All Sources)			3101.66	3272.10	3150.11	3550.46	3465.63	3448.78	3140.08	2898.47	3619.45	4385.81	4322.21	5697.10	44051.86	0.00	44051.86	

2021-22

Generating Station	PLF (%)	Variable Cost (Rs. /	Gross Energy Availability (MU)													Yearly Auxiliary	Net Energy Availability
			April	May	June	July	August	September	October	November	December	January	February	March	Total		
TSGENCO																	
Thermal																	
KTPS A		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
KTPS B		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
KTPS C		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
KTPS D		2.96	206.63	74.71	64.07	107.78	189.51	175.89	200.26	193.80	200.26	200.26	180.88	200.26	1994.28		1994.28
KTPS Stage VI		3.04	218.95	192.32	203.50	194.09	226.92	194.93	221.52	214.37	64.31	57.17	200.08	221.52	2209.70		2209.70
RTS B		3.55	20.87	15.87	5.53	10.46	17.53	10.50	5.39	23.12	23.89	23.89	21.57	23.89	202.51		202.51
NTS		0.00													0.00		0.00
Kakatiya Thermal Power Plant Stage I		3.07	211.54	208.30	206.11	180.92	206.43	167.55	205.47	198.85	205.47	205.47	125.94	132.56	2254.62		2254.62
Kakatiya Thermal Power Plant Stage II		3.07	254.77	124.65	89.71	233.92	231.97	199.62	259.21	0.00	217.40	259.21	234.12	259.21	2363.77		2363.77
BTPS (Manuguru New Project) - Unit 1		2.78	72.99	81.94	75.77	84.06	87.37	93.21	110.22	106.67	110.22	110.22	99.56	110.22	1142.45		1142.45
BTPS (Manuguru New Project) - Unit 2		2.78	72.99	81.94	75.77	84.06	87.37	93.21	110.22	106.67	110.22	110.22	99.56	110.22	1142.45		1142.45
BTPS (Manuguru New Project) - Unit 3		2.78	72.99	81.94	75.77	84.06	87.37	93.21	110.22	106.67	110.22	110.22	99.56	110.22	1142.45		1142.45
BTPS (Manuguru New Project) - Unit 4		2.79	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	110.22	99.56	110.22	320.00		320.00
KTPS VII		2.74	285.51	380.81	346.54	341.19	352.01	299.95	357.80	346.26	357.80	311.63	138.50	357.80	3875.81		3875.81
TOTAL THERMAL		2.90	1417.24	1242.45	1142.76	1320.53	1486.48	1328.08	1580.32	1296.40	1399.80	1498.52	1299.32	1636.13	16648.03	0.00	16648.03

Generating Station	PLF (%)	Variable Cost (Rs. /	Gross Energy Availability (MU)													Yearly Auxiliary	Net Energy Availability
			April	May	June	July	August	September	October	November	December	January	February	March	Total		
SSLM		0.00														0.00	0.00
NSRPH		0.00	23.78	18.66	27.80	127.23	365.75	272.11	138.29	125.72	111.75	90.80	62.86	34.92	1399.66	1399.66	
NSRCPH		0.00													0.00	0.00	
NSLCPH		0.00	1.75	1.37	2.04	9.35	26.89	20.01	10.48	9.78	6.98	4.89	3.49	2.79	99.84	99.84	
POCHAMPAD PH		0.00	2.35	-0.03	0.10	2.44	7.11	2.61	7.68	1.05	2.79	4.89	5.59	4.89	41.47	41.47	
NIZAMSAGAR PH		0.00	0.33	-0.02	-0.01	0.52	0.71	2.29	2.79	0.70	2.10	2.10	1.75	2.44	15.69	15.69	
PABM		0.00													0.00	0.00	
MINI HYDRO&OTHERS		0.00													0.00	0.00	
SINGUR		0.00	1.30	-0.01	0.06	1.36	3.95	1.45	4.19	0.70	0.00	0.70	0.70	0.70	15.08	15.08	
SSLM LCPH		0.00	12.99	-0.03	33.73	199.60	331.50	284.34	143.59	58.55	39.73	35.55	45.31	48.79	1233.66	1233.66	
Nagarjunasagar Tail Pond Dam Power House		0.00													0.00	0.00	
Priyadarshini Jurala Hydro Electric Project- AP Share		0.00	-0.05	-0.06	15.27	8.31	28.44	32.34	69.84	41.91	0.00	0.00	0.00	0.00	196.00	196.00	
Lower Jurala Hydro Electric Project		0.00	0.01	-0.16	19.01	24.09	45.13	84.41	69.84	13.97	0.70	0.70	0.35	0.35	258.40	258.40	
POCHAMPAD Stage-II		0.00	0.00	0.00	0.00	0.97	2.16	16.48	2.10	0.35	0.70	2.10	1.40	2.10	28.33	28.33	
PULICHINTAL(New Project)		0.00	6.03	1.81	0.23	21.11	35.84	40.98	20.95	20.95	10.48	6.98	6.98	179.32	179.32		
Ramagiri Wind Mills		0.00													0.00	0.00	
Pochampad Stage-IV		0.00													0.00	0.00	
Mini Hydel & Others (Peddapalli, Palair)		0.00	0.25	-0.02	-0.02	-0.02	0.36	0.40	0.42	0.30	0.30	0.72	0.72	0.72	4.13	4.13	
TOTAL HYDRO		0.00	48.73	21.51	98.21	394.95	847.84	757.41	470.18	273.97	175.53	149.42	129.14	104.69	3471.58	0.00	3471.58
TOTAL TSGENCO		2.35	1465.98	1263.96	1240.96	1715.48	2334.31	2085.49	2050.51	1570.37	1575.33	1647.93	1428.46	1740.82	20119.61	0.00	20119.61
Central Generating Stations																	
NTPC																	
NTPC (SR)																	
NTPC (SR)		2.57	144.40	125.68	131.47	112.42	140.94	130.41	153.98	152.50	113.64	153.98	144.60	153.98	1658.00	1658.00	
NTPC (SR) Stage III		2.53	40.78	36.47	36.80	32.29	41.17	37.13	43.11	41.72	43.11	1.75	27.03	43.11	424.47	424.47	
Total NTPC(SR)		2.56	185.19	162.15	168.27	144.71	182.11	167.54	197.09	194.22	156.75	155.72	171.63	197.09	2082.47	0.00	2082.47
NTPC (ER)																	
Farakka		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Kahalgaoon		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Talcher - Stage 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	0.00	0.00	0.00	
Talcher Stage 2		1.73	94.60	91.54	93.87	86.84	74.48	89.19	75.78	96.29	103.40	103.45	93.74	103.99	1107.17	1107.17	
Others		0.00													0.00	0.00	
Total NTPC(ER)		1.73	94.60	91.54	93.87	86.84	74.48	89.19	75.78	96.29	103.40	103.45	93.74	103.99	1107.17	0.00	1107.17
Total NTPC		2.28	279.79	253.69	262.15	231.55	256.59	256.73	272.86	290.50	260.14	259.17	265.38	301.07	3189.64	0.00	3189.64
NLC TS-II																	
Stage-I		2.64	23.16	20.46	22.57	18.26	17.67	19.07	23.00	23.86	16.99	24.33	23.53	26.05	258.95	258.95	
Stage-II		2.65	32.43	30.98	36.36	25.51	45.32	37.89	33.36	32.74	44.48	42.61	41.99	46.44	450.12	450.12	
Total NLC		2.64	55.60	51.44	58.93	43.77	62.99	56.96	56.37	56.60	61.47	66.94	65.52	72.48	709.07	0.00	709.07
NPC																	
NPC-MAPS		2.16	0.47	0.00	0.00	3.79	3.32	0.00	3.57	3.39	3.57	3.57	3.14	3.57	28.39	28.39	
NPC-Kaiga unit I		3.50	29.21	32.46	31.70	29.44	26.68	31.62	23.22	26.70	27.70	27.70	24.91	13.85	325.19	325.19	
NPC-Kaiga unit II		3.50	30.99	34.44	33.63	31.24	28.31	33.55	29.42	28.36	29.42	29.42	26.46	29.42	364.65	364.65	
Total NPC		3.44	60.67	66.90	65.32	64.48	58.31	65.18	56.20	58.45	60.69	60.69	54.50	46.84	718.22	0.00	718.22
NTPC - Simhadri																	
NTPC Simhadri Stage I		3.14	231.64	54.55	64.87	225.51	235.78	170.50	192.07	170.75	260.87	260.87	235.62	260.87	2363.90	2363.90	
NTPC Simhadri Stage II		3.07	52.68	33.47	20.45	110.60	119.84	104.97	119.57	105.86	59.78	111.68	108.00	119.57	1066.45	1066.45	
Total NTPC - Simhadri		3.12	284.31	88.02	85.32	336.11	355.62	275.47	311.63	276.61	320.65	372.55	343.62	380.43	3430.35	0.00	3430.35

Generating Station	PLF (%)	Variable Cost (Rs. /	Gross Energy Availability (MU)													Yearly Auxiliary	Net Energy Availability
			April	May	June	July	August	September	October	November	December	January	February	March	Total		
CGS - New																	
Vallur Thermal Power Plant		2.94	41.93	15.79	26.65	41.41	35.24	37.91	52.59	37.39	36.49	49.37	49.20	52.59	478.54	478.54	
Tuticorin/NLC Tamilnadu Power Ltd		2.66	52.34	38.34	33.20	41.93	67.59	34.63	23.90	59.70	73.72	73.72	66.60	73.72	639.40	639.40	
NPC-Kundankulam		3.92	2.42	21.86	21.77	24.99	21.04	65.18	22.44	19.90	20.55	9.95	0.00	0.00	230.11	230.11	
kudigi		3.42	57.89	9.00	22.99	32.38	50.03	58.39	85.46	82.70	93.74	128.19	115.78	128.19	855.73	855.73	
NCE-Bundled Power (NVVNL) coal		4.62	14.56	9.00	9.59	11.01	13.18	12.58	19.78	19.78	19.78	19.78	19.78	19.78	189.48	189.48	
NCE - Bundled Power (Coal) (NTPC 200 MW)		3.95	65.82	87.43	60.43	45.16	65.31	71.38	83.33	80.64	83.33	83.33	75.27	83.33	884.77	884.77	
Neyveli new unit - 1		2.19	11.07	9.85	9.49	13.87	8.06	11.96	10.93	12.57	11.94	13.34	12.03	13.34	138.46	138.46	
Neyveli new unit - 2		2.19	11.07	9.85	9.49	13.87	8.06	11.96	10.93	12.57	11.94	13.34	12.03	13.34	138.46	138.46	
TOTAL CGS		2.93	937.47	653.06	667.33	900.53	1002.03	958.32	1006.43	1007.43	1054.44	1150.37	1079.70	1185.11	11602.22	0.00	11602.22
APGPCL																	
APGPCL I - Allocated capacity		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
APGPCL I - Unutilised capacity															0.00	0.00	0.00
APGPCL II - Allocated capacity		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
APGPCL II - Unutilised capacity															0.00	0.00	0.00
Total APGPCL		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NCE																	
NCE - Bio-Mass		6.44	3.32	3.32	2.32	3.14	3.26	3.39	2.82	2.92	2.81	1.17	3.46	3.10	35.04	35.04	
NCE - Bagasse		5.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.47	3.12	2.02	0.00	8.60	8.60	
NCE - Municipal Waste to Energy		6.48	13.12	12.67	13.08	12.67	8.56	9.83	6.28	6.47	6.89	13.05	12.81	10.37	125.81	125.81	
NCE - Industrial Waste based power project		6.60	3.93	4.30	4.63	4.68	4.53	4.83	2.43	1.76	1.76	1.76	2.81	4.42	41.85	41.85	
NCE - Wind Power		4.54	21.64	15.39	22.31	16.48	17.03	17.03	11.46	20.07	22.61	17.98	19.83	17.17	219.00	219.00	
NCE - Mini Hydel		2.10	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.03	0.08	0.06	0.05	0.28	0.28	
NCE - NCL Energy Ltd		0.00													0.00	0.00	
NCE-Solar		5.97	347.79	326.88	301.93	227.09	268.31	250.86	232.78	306.41	290.75	299.04	345.08	328.50	3525.41	3525.41	
NCE - Bundled Power NVVNL (solar) JNNM Ph 1		10.69	4.44	4.04	3.01	1.87	1.57	1.52	2.36	1.38	1.85	3.17	3.70	5.21	34.12	34.12	
NCE - Bundled Power (Solar) (NTPC 400 MW)		4.71	48.80	57.62	49.51	61.44	27.64	47.56	39.99	48.66	50.40	48.41	53.54	54.87	588.45	588.45	
SECI 400 MW		2.78	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.55	12.96	12.96	12.55	12.96	63.99	63.99	
TOTAL NCE		5.76	443.06	424.23	396.79	327.36	330.92	335.02	298.12	400.24	393.54	400.75	455.86	436.65	4642.54	0.00	4642.54
OTHERS																	
Singareni I & II		2.75	554.24	527.58	515.60	448.20	382.39	523.28	581.78	563.01	581.78	581.78	525.48	581.78	6366.89	6366.89	
Thermal Power Tech		2.26	135.62	125.89	110.42	142.03	140.10	122.70	141.43	108.54	141.43	141.43	127.75	141.43	1578.77	1578.77	
CSPGCL		1.20	230.95	271.70	223.16	88.46	102.97	46.56	380.46	368.19	380.46	380.46	343.64	380.46	3197.47	3197.47	
Thermal Power Tech Unit II		2.33	288.22	288.50	247.12	279.68	296.29	247.90	299.19	229.60	299.19	299.19	270.23	299.19	3344.30	3344.30	
TOTAL OTHERS		2.26	1209.03	1213.67	1096.29	958.38	921.74	940.45	1402.86	1269.34	1402.86	1402.86	1267.10	1402.86	14487.43	0.00	14487.43
MARKET																	
PTC		4.28	143.20	0.00	0.00	81.86	59.46	98.20	0.00	0.00	0.00	0.00	221.64	245.39	849.74	849.74	
Other Short Term Sources		3.59	445.42	70.43	273.77	230.81	279.83	100.36							1400.63	1400.63	
D-D purchase/ sale		4.26	-145.35	97.60	12.32	-412.79	-59.41	43.13							-464.51	-464.51	
Interstate Sale		4.40	-120.44	-259.96	-110.31	-187.16	-318.73	-583.45							-1580.06	-1580.06	
TOTAL MARKET		2.04	322.82	-91.93	175.79	-287.28	-38.86	-341.77	0.00	0.00	0.00	0.00	221.64	245.39	205.80	0.00	205.80
TOTAL (From All Sources)			4378.36	3462.99	3577.17	3614.47	4550.14	3977.51	4757.92	4247.37	4426.17	4601.91	4452.76	5010.83	51057.60	0.00	51057.60

2022-23

Generating Station	PLF (%)	Variable Cost (Rs. /	Gross Energy Availability (MU)													Yearly Auxiliary	Net Energy Availability
			April	May	June	July	August	September	October	November	December	January	February	March	Total		
TSGENCO																	
Thermal																	
KTPS A		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
KTPS B		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Generating Station	PLF (%)	Variable Cost (Rs. /	Gross Energy Availability (MU)													Yearly Auxiliary	Net Energy Availability		
			April	May	June	July	August	September	October	November	December	January	February	March	Total				
KTPS C		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
KTPS D		2.81	190.21	196.55	190.21	163.97	163.97	190.21	196.55	190.21	196.55	190.21	196.55	196.55	177.53	196.55	2249.08		2249.08
KTPS Stage VI		2.82	187.95	194.21	187.95	194.21	194.21	187.95	194.21	187.95	194.21	194.21	194.21	175.42	194.21	2286.67		2286.67	
RTS B		3.43	22.74	23.50	22.74	23.50	23.50	22.74	23.50	22.74	23.50	22.74	7.58	23.50	21.23	23.50	260.80		260.80
NTS		0.00															0.00		0.00
Kakatiya Thermal Power Plant Stage I		2.85	187.95	194.21	187.95	194.21	194.21	187.95	194.21	187.95	194.21	194.21	194.21	175.42	194.21	2286.67		2286.67	
Kakatiya Thermal Power Plant Stage II		2.87	226.75	234.31	226.75	234.31	234.31	226.75	234.31	226.75	234.31	234.31	211.64	234.31	211.64	234.31	2758.83		2758.83
BTPS (Manuguru New Project) - Unit 1		2.91	110.85	114.55	110.85	89.45	114.55	110.85	114.55	110.85	114.55	110.85	89.45	114.55	103.46	114.55	1298.49		1298.49
BTPS (Manuguru New Project) - Unit 2		2.91	110.85	114.55	110.85	89.45	114.55	110.85	114.55	110.85	114.55	110.85	89.45	114.55	103.46	114.55	1298.49		1298.49
BTPS (Manuguru New Project) - Unit 3		2.91	110.85	114.55	110.85	89.45	114.55	110.85	114.55	110.85	114.55	110.85	89.45	114.55	103.46	114.55	1298.49		1298.49
BTPS (Manuguru New Project) - Unit 4		2.91	106.67	110.22	106.67	110.22	110.22	106.67	110.22	106.67	110.22	110.22	99.56	110.22	110.22	1297.79		1297.79	
KTPS VII		2.49	327.28	338.19	327.28	338.19	338.19	327.28	338.19	327.28	338.19	338.19	305.46	338.19	305.46	338.19	3981.89		3981.89
YTSP - I		2.49	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	338.19		338.19	
																	0.00		0.00
TOTAL THERMAL			1582.10	1634.84	1582.10	1526.95	1602.25	1582.10	1634.84	1582.10	1543.62	1634.84	1476.63	1973.02	19355.38	0.00	19355.38		
SSLM		0.00															0.00		0.00
NSPH		0.00	37.89	26.53	37.89	113.68	140.97	194.02	150.06	136.42	121.26	98.53	49.26	30.32	1136.84		1136.84		1136.84
NSRCPH		0.00															0.00		0.00
NSLCPH		0.00	0.69	0.00	0.00	0.00	0.00	4.85	9.69	9.69	7.62	4.15	2.77	1.38	0.69	41.55		41.55	
POCHAMPAD PH		0.00	1.14	0.00	0.00	2.84	3.97	5.68	5.68	5.68	4.54	4.54	4.54	3.97	42.57		42.57		42.57
NIZAMSAGAR PH		0.00	1.51	0.00	0.00	0.76	1.51	1.51	1.51	0.00	0.76	1.51	1.51	1.51	1.51	12.08		12.08	
PABM		0.00															0.00		0.00
MINI HYDRO&OTHERS		0.00															0.00		0.00
SINGUR		0.00	0.75	0.00	0.22	0.15	0.37	2.99	2.99	0.75	0.00	0.75	0.75	0.75	10.45		10.45		10.45
SSLM LCPH		0.00	34.70	18.86	15.09	61.86	229.34	252.72	188.60	67.90	52.81	64.88	59.60	22.63	1068.99		1068.99		1068.99
Nagarjunasagar Tail Pond Dam Power House		0.00															0.00		0.00
Priyadarshini Jurala Hydro Electric Project-TS Share		0.00	0.00	0.00	0.00	7.84	23.16	26.89	22.41	20.54	7.47	11.20	0.00	0.00	119.52		119.52		119.52
Lower Jurala Hydro Electric Project		0.00	0.00	0.00	0.00	26.28	52.57	52.57	45.06	37.55	15.02	11.26	0.00	0.00	240.31		240.31		240.31
POCHAMPAD Stage-II		0.00	0.37	0.00	0.00	0.92	1.29	1.85	1.85	1.85	1.48	1.48	1.48	1.29	13.86		13.86		13.86
PULICHINTAL(New Project)		0.00	7.54	0.00	0.00	0.00	18.86	22.63	22.63	22.63	11.31	7.54	7.54	7.54	128.22		128.22		128.22
Ramagiri Wind Mills		0.00															0.00		0.00
Pochampad Stage-IV		0.00															0.00		0.00
Mini Hydel & Others (Peddapalli, Palair)		0.00	0.55	0.00	0.00	0.00	0.69	0.88	0.88	0.66	0.66	1.10	1.10	1.10	7.62		7.62		7.62
TOTAL HYDRO		0.00	85.14	45.39	53.21	214.34	477.57	571.43	451.35	301.58	219.46	205.57	127.17	69.81	2822.00	0.00	2822.00		2822.00
TOTAL TSGENCO		2.42	1667.24	1680.22	1635.31	1741.29	2079.82	2153.53	2086.19	1883.68	1763.08	1840.40	1603.79	2042.83	22177.38	0.00	22177.38		22177.38
Central Generating Stations																			
NTPC																			
NTPC (SR)																			
NTPC (SR)		2.57	149.01	153.98	158.14	170.64	170.64	124.81	170.64	165.13	128.97	170.64	159.63	170.64	1892.86		1892.86		1892.86
NTPC (SR) Stage III		2.53	41.72	43.11	41.72	43.11	43.11	41.72	43.11	41.72	43.11	43.11	40.33	43.11	508.96		508.96		508.96
Total NTPC(SR)		2.56	190.73	197.09	199.86	213.75	213.75	166.53	213.75	206.85	172.08	213.75	199.96	213.75	2401.82	0.00	2401.82		2401.82
NTPC (ER)																			
Farakka		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
Kahalgaon		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00
Talcher - Stage 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	0.00	0.00	0.00	0.00		0.00
Talcher Stage 2		1.73	99.86	103.25	99.86	86.25	89.79	71.38	103.25	99.86	103.25	103.25	93.04	103.25	1156.27		1156.27		1156.27
Others		0.00															0.00		0.00
Total NTPC(ER)		1.73	99.86	103.25	99.86	86.25	89.79	71.38	103.25	99.86	103.25	103.25	93.04	103.25	1156.27	0.00	1156.27		1156.27
Total NTPC		2.29	290.58	300.33	299.71	300.00	303.53	237.90	317.00	306.71	275.33	317.00	293.00	317.00	3558.09	0.00	3558.09		3558.09
NLC TS-II																			
Stage-I		2.64	25.32	26.24	22.81	18.25	17.52	17.72	24.59	24.79	25.71	26.31	23.53	26.31	279.10		279.10		279.10
Stage-II		2.65	45.46	43.41	38.70	46.79	46.79	45.46	36.65	34.07	34.87	39.68	42.26	46.79	500.95		500.95		500.95
Total NLC		2.64	70.78	69.66	61.51	65.04	64.31	63.18	61.24	58.86	60.59	65.99	65.79	73.10	780.05	0.00	780.05		780.05

Generating Station	PLF (%)	Variable Cost (Rs. /	Gross Energy Availability (MU)													Yearly Auxiliary	Net Energy Availability	
			April	May	June	July	August	September	October	November	December	January	February	March	Total			
NPC																		
NPC-MAPS		2.16	3.39	3.53	3.39	3.53	3.53	3.53	3.39	3.53	3.39	3.53	3.53	3.14	3.53	41.42		41.42
NPC-Kaiga unit I		3.50	20.92	27.70	26.70	27.70	27.70	26.70	26.70	26.70	27.70	27.70	24.91	27.70	319.84		319.84	
NPC-Kaiga unit II		3.50	28.36	29.42	28.36	29.42	29.42	28.36	29.42	28.36	29.42	17.04	20.32	26.46	23.18	318.11		318.11
Total NPC		3.41	52.67	60.65	58.45	60.65	60.65	58.45	60.65	58.45	48.27	51.55	54.50	54.41	679.38	0.00	679.38	
NTPC - Simhadri																		
NTPC Simhadri Stage I		3.14	252.45	260.81	183.63	200.74	260.81	252.45	260.81	252.45	260.81	260.81	235.72	260.81	2942.32		2942.32	
NTPC Simhadri Stage II		3.07	115.71	119.54	115.71	119.54	119.54	115.71	119.54	74.41	101.77	119.54	108.04	119.54	1348.59		1348.59	
Total NTPC - Simhadri		3.12	368.16	380.35	299.34	320.28	380.35	368.16	380.35	326.86	362.58	380.35	343.76	380.35	4290.91	0.00	4290.91	
CGS - New																		
Vallur Thermal Power Plant		2.94	50.89	52.59	50.89	52.59	52.59	47.78	52.59	33.76	40.78	52.59	49.20	52.59	588.83		588.83	
Tuticorin/NLC Tamilnadu Power Ltd		2.66	66.71	68.94	66.71	68.94	35.59	50.03	68.94	58.96	68.94	68.94	62.25	68.94	753.89		753.89	
NPC-Kundankulam		3.92	19.90	20.55	19.90	20.55	20.55	19.90	20.55	19.90	20.55	20.55	0.00	0.00	202.95		202.95	
kudigi		3.42	130.94	135.31	130.94	135.31	90.21	90.13	135.31	130.94	135.31	135.31	122.21	135.31	1507.23		1507.23	
NCE-Bundled Power (NVVNL) coal		4.62	19.78	19.78	19.78	19.78	19.78	19.78	19.78	19.78	19.78	19.78	19.78	19.78	237.30		237.30	
NCE - Bundled Power (Coal) (NTPC 200 MW)		3.95	80.64	83.33	80.64	83.33	83.33	80.64	83.33	80.64	83.33	83.33	75.27	83.33	981.14		981.14	
Neyveli new unit - 1		2.19	12.64	13.08	7.36	13.01	13.01	12.57	12.57	12.22	7.51	13.10	11.87	13.10	142.06		142.06	
Neyveli new unit - 2		2.19	12.64	13.08	7.36	13.01	13.01	12.57	12.57	12.22	7.51	13.10	11.87	13.10	142.06		142.06	
Telangana STPP (phase I)		2.27	0.00	0.00	0.00	0.00	0.00	0.00	281.39	272.31	281.39	562.78	508.32	562.78	2468.99		2468.99	
															0.00		0.00	
TOTAL CGS			1176.34	1217.65	1102.60	1152.49	1136.92	1061.10	1506.28	1391.62	1411.88	1784.37	1617.82	1773.79	16332.87	0.00	16332.87	
APGPCL		0.00																
APGPCL I - Allocated capacity		0.00													0.00		0.00	
APGPCL I - Unutilised capacity		0.00													0.00		0.00	
APGPCL II - Allocated capacity		0.00													0.00		0.00	
APGPCL II - Unutilised capacity		0.00													0.00		0.00	
Total APTGCL			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
NCE																		
NCE - Bio-Mass		5.52	3.32	3.32	2.32	3.14	3.26	3.26	2.82	2.92	2.81	1.17	3.46	3.10	34.91		34.91	
NCE - Bagasse		3.64	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.47	0.00	0.00	0.00	3.47		3.47	
NCE - Municipal Waste to Energy		4.42	13.12	12.67	13.08	12.67	12.67	6.28	6.47	6.89	6.89	13.05	12.81	10.37	126.98		126.98	
NCE - Industrial Waste based power project		5.51	3.93	4.30	4.63	4.68	4.68	4.68	2.43	1.76	1.76	1.76	2.81	4.42	41.84		41.84	
NCE - Wind Power		4.29	24.41	18.16	31.04	25.21	25.76	23.37	11.46	20.07	22.61	17.98	19.83	17.17	257.06		257.06	
NCE - Mini Hydel		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.03	0.08	0.06	0.05	0.24		0.24	
NCE - NCL Energy Ltd		0.00													0.00		0.00	
NCE-Solar		5.99	347.79	327.03	302.09	230.91	265.19	269.30	232.78	306.41	290.75	299.04	345.08	328.50	3544.86		3544.86	
NCE - Bundled Power NVVNL (solar) JNNM Ph 1		10.69	4.44	4.04	3.01	1.87	1.57	1.87	2.36	1.38	1.85	3.17	3.70	5.21	34.47		34.47	
NCE - Bundled Power (Solar) (NTPC 400 MW)		4.73	54.64	53.90	47.97	38.71	44.11	44.11	39.99	48.66	50.40	48.41	53.54	54.87	579.30		579.30	
NTPC CPSU - 1692 MW		2.82	0.00	31.51	30.50	37.10	37.10	134.35	138.82	163.30	168.74	168.74	152.41	168.74	1231.32		1231.32	
SECI 400 MW		2.78	12.55	12.96	38.60	39.89	39.89	38.60	39.89	38.60	39.89	39.89	36.03	39.89	416.71		416.71	
TOTAL NCES		464.18	467.91	473.24	394.17	434.23	525.81	477.03	590.01	589.21	593.30	629.74	632.32	6271.16	0.00	6271.16		
OTHERS																		
Singareni I & II		2.99	563.01	581.78	563.01	581.78	290.89	384.73	581.78	563.01	581.78	581.78	525.48	581.78	6380.81		6380.81	
Thermal Power Tech		2.26	130.03	134.36	130.03	134.36	134.36	130.03	134.36	130.03	134.36	134.36	121.36	134.36	1581.99		1581.99	
CSPGCL		1.20	368.19	380.46	368.19	380.46	380.46	368.19	380.46	368.19	380.46	380.46	343.64	380.46	4479.63		4479.63	
Thermal Power Tech Unit II		2.33	275.06	284.23	275.06	284.23	284.23	275.06	284.23	275.06	284.23	284.23	256.72	284.23	3346.57		3346.57	
TOTAL OTHERS		1336.29	1380.83	1336.29	1380.83	1089.94	1158.00	1380.83	1336.29	1380.83	1380.83	1247.20	1380.83	15788.99	0.00	15788.99		
MARKET																		
PTC		4.29	237.47	0.00	0.00	245.39	245.39	237.47	0.00	0.00	0.00	0.00	0.00	0.00	965.72		965.72	
TOTAL MARKET			237.47	0.00	0.00	245.39	245.39	237.47	0.00	0.00	0.00	0.00	0.00	0.00	965.72	0.00	965.72	
TOTAL (From All Sources)			4881.52	4746.62	4547.44	4914.17	4986.29	5135.91	5450.33	5201.60	5145.00	5598.90	5098.56	5829.77	61536.11	0.00	61536.11	

Form 4.2
Base Year

Energy Dispatch

Generating Station	Variable Cost (Rs. / kWh)	Gross Energy Availability (MU)												Total	
		April	May	June	July	August	September	October	November	December	January	February	March		
TSGENCO															
Thermal															
VTPS I	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
VTPS II	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
VTPS III	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
VTPS IV	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
RTPP I	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
RTPP Stage-II	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
RTPP Stage-III	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
KTPS A	3.20	70.23	71.48	63.82	63.38	61.62	66.35	71.45	69.94	64.53	52.98	46.89	46.62	749.31	749.31
KTPS B	3.20	70.23	71.48	63.82	63.38	61.62	66.35	71.45	69.94	64.53	52.98	46.89	46.62	749.31	749.31
KTPS C	3.20	70.23	71.48	63.82	63.38	61.62	66.35	71.45	69.94	64.53	52.98	46.89	46.62	749.31	749.31
KTPS D	2.82	205.02	216.68	207.59	201.09	175.13	217.69	228.05	209.30	227.61	135.78	147.20	235.45	2406.59	2406.59
KTPS Stage VI	3.13	192.54	226.18	176.93	180.91	182.46	212.17	233.42	229.72	234.88	228.34	208.02	203.02	2508.59	2508.59
RTS B	2.94	21.40	23.00	19.36	23.63	13.87	8.88	25.64	24.62	26.08	24.86	23.26	26.13	260.72	260.72
NTS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Kakatiya Thermal Power Plant Stage I	3.34	233.54	222.60	237.52	217.15	205.43	181.62	228.61	230.77	198.56	214.27	214.85	211.80	2596.72	2596.72
Kakatiya Thermal Power Plant Stage II	2.92	275.98	241.65	247.76	242.27	238.27	277.62	267.59	256.92	121.43	-2.18	148.12	252.99	2568.42	2568.42
BTPS (Manuguru New Project)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
KTPS VII	2.44	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	34.23	326.91	359.83	602.67	1323.65	1323.65
TOTAL THERMAL		1139.20	1144.54	1080.62	1055.20	1000.01	1097.03	1197.66	1161.16	1036.39	1086.94	1241.96	1671.91	13912.62	13912.62
MACHKUND PH TS Share	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TUNGBHADRA PH TS Share	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
USL	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LSR	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DONKARAYI	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SSLM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NSPH	0.00	3.28	5.49	5.08	8.96	38.80	72.38	42.66	13.54	11.53	19.18	22.57	25.48	268.95	268.95
NSRCPH	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NSLCPH	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
POCHAMPAD PH	0.00	0.19	-0.02	-0.02	-0.01	1.61	7.14	7.84	0.32	0.00	0.00	0.00	0.23	17.29	17.29
NIZAMSAGAR PH	0.00	0.55	0.15	-0.03	-0.03	-0.05	0.32	0.32	-0.01	1.59	1.12	-0.01	-0.01	3.90	3.90
PABM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MINI HYDRO&OTHERS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SINGUR	0.00	0.19	-0.02	-0.02	-0.03	0.61	-0.02	-0.02	-0.02	0.04	-0.02	2.06	1.70	4.47	4.47
SSLM LCPH	0.00	-0.18	-0.49	-0.43	20.71	296.52	135.87	120.59	27.31	63.61	26.36	-0.06	-0.37	689.42	689.42
Nagarjunasagar Tail Pond Dam Power House	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Priyadarshini Jurala Hydro Electric Project- AP Share	0.00	-0.13	-0.13	-0.20	15.76	48.15	22.23	-0.04	-0.17	-0.09	-0.04	0.00	-0.04	85.29	85.29
Lower Jurala Hydro Electric Project	0.00	0.03	-0.19	-0.19	21.74	57.20	24.29	0.78	0.42	-0.18	-0.04	-0.14	-0.14	103.59	103.59
POCHAMPAD Stage-II	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PULICHINTAL(New Project)	0.00	0.00	0.00	0.00	0.00	0.00	10.29	4.15	-0.06	-0.07	-0.06	-0.05	-0.02	14.20	14.20
Mini Hydel & Others (Peddapalli, Palair)	0.00	0.15	-0.02	-0.02	-0.02	-0.02	0.26	0.33	0.10	-0.02	-0.02	0.04	0.03	0.79	0.79
Ramagiri Wind Mills (AP)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Pochampad Stage-IV	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL HYDRO		4.07	4.77	4.18	67.09	442.83	272.78	176.62	41.43	76.41	46.46	24.40	26.86	1187.90	1187.90
TOTAL TSGENCO		1143.27	1149.31	1084.80	1122.29	1442.84	1369.81	1374.29	1202.59	1112.79	1133.40	1266.36	1698.78	15100.52	15100.52

Generating Station	Variable Cost (Rs. / kWh)	Gross Energy Availability (MU)												
		April	May	June	July	August	September	October	November	December	January	February	March	Total
Central Generating Stations														
NTPC														
NTPC (SR)														
NTPC (SR)	2.67	130.90	128.96	117.23	111.02	143.09	142.84	120.09	162.38	151.91	147.04	134.87	124.10	1614.44
NTPC (SR) Stage III	2.46	31.65	34.73	37.01	40.54	38.49	37.00	40.68	20.99	7.65	39.31	33.37	39.32	400.74
Total NTPC(SR)		162.55	163.69	154.23	151.57	181.58	179.85	160.77	183.37	159.56	186.35	168.24	163.42	2015.18
NTPC (ER)														
Farakka	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Kahalgaon	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Talcher - Stage 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	0.00	0.00
Talcher Stage 2	1.70	90.72	94.45	84.92	63.02	66.29	66.27	67.42	86.61	98.23	94.15	83.80	101.34	997.23
Others	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total NTPC(ER)		90.72	94.45	84.92	63.02	66.29	66.27	67.42	86.61	98.23	94.15	83.80	101.34	997.23
Total NTPC		253.27	258.15	239.16	214.58	247.88	246.11	228.19	269.98	257.79	280.49	252.04	264.77	3012.42
NLC TS-II														
Stage-I	2.48	8.78	14.82	15.57	18.54	13.72	22.94	22.99	19.08	23.02	23.69	21.73	22.19	227.08
Stage-II	2.55	15.26	21.70	25.53	32.86	28.34	39.91	42.31	44.99	41.51	42.51	37.76	41.50	414.17
Total NLC		24.04	36.52	41.10	51.39	42.06	62.85	65.29	64.08	64.53	66.20	59.49	63.69	641.24
NPC														
NPC-MAPS	2.73	6.55	4.74	4.60	4.52	4.88	4.41	4.11	2.55	0.00	0.00	2.43	4.36	43.14
NPC-Kaiga unit I	3.81	65.83	70.75	67.77	65.92	72.16	51.14	67.04	68.30	69.64	53.74	49.42	59.70	761.42
NPC-Kaiga unit II	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total NPC		72.38	75.49	72.37	70.44	77.04	55.56	71.14	70.85	69.64	53.74	51.85	64.06	804.55
NTPC - Simhadri														
NTPC Simhadri Stage I	2.95	208.85	220.63	191.50	213.34	209.04	162.02	136.98	150.30	236.51	221.86	222.15	229.03	2402.21
NTPC Simhadri Stage II	3.06	56.54	43.48	31.30	71.06	34.32	61.57	95.30	100.71	95.81	94.23	83.52	83.72	851.56
Total NTPC- Simhadri		265.39	264.11	222.80	284.40	243.36	223.59	232.28	251.00	332.32	316.08	305.67	312.75	3253.77
CGS - New														
Vallur Thermal Power Plant	3.81	14.70	27.55	17.92	24.43	18.50	27.66	34.12	30.51	31.34	25.28	36.44	42.72	331.17
Tuticorin/NLC Tamilnadu Power Ltd	3.16	16.90	41.46	33.82	32.98	28.55	56.99	85.61	59.70	55.76	41.38	23.10	28.02	504.27
NPC-Kundnkulam	4.21	0.00	0.00	0.00	6.36	0.26	4.70	12.88	18.23	18.26	18.20	14.59	13.78	107.26
kudigi	3.83	18.07	39.70	20.74	10.61	0.00	75.50	86.65	52.70	73.56	78.64	69.04	95.18	620.39
NTPC Aravali Power	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NCE - Bundled Power (Coal) (NTPC 200 MW)	3.31	72.35	74.11	75.92	92.52	80.76	100.29	118.75	96.67	107.19	106.21	90.85	94.47	1110.10
NCE-Bundled Power (NVVNL) coal	4.27	16.42	12.72	12.05	11.57	10.30	14.99	15.25	16.41	11.50	16.70	15.00	17.11	170.03
TOTAL CGS		753.52	829.81	735.88	799.30	748.70	868.23	950.16	930.13	1021.90	1002.92	918.08	996.55	10555.18
APGPCL														
APGPCL I - Allocated capacity	3.11	1.38	1.04	0.66	1.79	1.65	1.43	1.39	1.22	1.32	0.65	0.58	0.62	13.73
APGPCL I - Unutilised capacity	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
APGPCL II - Allocated capacity	2.82	5.52	3.65	1.77	4.79	4.42	3.82	3.73	3.25	3.53	1.73	1.56	1.65	39.40
APGPCL II - Unutilised capacity	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total APGPCL		6.90	4.69	2.43	6.58	6.07	5.25	5.12	4.47	4.84	2.37	2.14	2.26	53.13
IPPS														
GVK	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Spectrum	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Kondapalli (Naphtha)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Kondapalli (Gas)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BSES	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Generating Station	Variable Cost (Rs. / kWh)	Gross Energy Availability (MU)												
		April	May	June	July	August	September	October	November	December	January	February	March	Total
GVK Extension	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vemagiri	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gautami	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Konaseema	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL IPPS		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Generating Station	Variable Cost (Rs. / kWh)	Gross Energy Availability (MU)												Total	
		April	May	June	July	August	September	October	November	December	January	February	March		
NCE															
NCE - Bio-Mass	5.82	2.40	1.87	2.98	2.87	1.36	1.10	2.95	0.73	1.87	5.46	5.25	3.70	32.53	
NCE - Bagasse	4.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.23	6.15	6.76	6.68	3.07	23.89	
NCE - Municipal Waste to Energy	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
NCE - Industrial Waste based power project	6.23	1.45	4.04	3.34	3.50	5.08	5.08	4.09	4.82	4.79	5.08	4.70	0.25	46.22	
NCE - Wind Power	4.69	47.26	14.89	21.40	16.48	17.03	16.48	11.34	17.03	16.48	17.03	17.58	17.51	230.49	
NCE - Mini Hydel	0.00	0.04	0.00	0.00	0.00	0.00	0.49	0.54	0.38	0.07	0.25	0.23	0.34	2.35	
NCE - NCL Energy Ltd	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
NCE-Solar	6.01	297.52	282.98	294.74	227.46	205.11	254.56	329.95	294.34	353.15	306.28	305.43	446.17	3597.69	
NCE - Bundled Power NVVNL (solar) JNNM Ph 1	10.76	4.73	3.97	2.76	1.51	1.44	2.00	3.86	3.20	2.53	3.92	4.58	5.67	40.17	
NCE - Bundled Power (Solar) (NTPC 400 MW)	4.73	37.83	41.05	50.08	42.64	23.18	64.93	63.40	54.72	53.61	27.59	58.60	61.62	579.25	
NCE-Others	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
TOTAL NCES		391.23	348.80	375.30	294.46	253.20	344.64	416.13	376.44	438.65	372.36	403.05	538.33	4552.58	
OTHERS															
Srivathsa	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
LVS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Vishakapatnam Steel Plant	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
NB Ferro Alloys	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Singareni I & II	2.42	472.88	530.15	298.47	426.41	530.18	568.80	578.69	346.61	323.16	575.40	531.17	555.32	5737.24	
Thermal Power Tech	2.10	136.87	115.98	134.98	139.79	139.86	136.49	95.18	78.88	80.01	84.11	70.25	129.51	1341.92	
CSPGCL	1.20	452.63	429.73	328.00	333.69	336.87	334.76	249.60	421.45	377.13	110.29	146.68	238.83	3759.64	
Thermal Power Tech Unit II	2.42	275.93	235.42	263.00	285.89	241.26	265.17	197.04	166.87	157.45	140.22	108.96	269.73	2606.94	
TOTAL OTHERS		1338.30	1311.27	1024.45	1185.79	1248.17	1305.22	1120.51	1013.80	937.75	910.02	857.06	1193.38	13445.74	
MARKET															
Bilateral Sales (PTC etc.)	5.05	412.32	16.65	49.82	287.48	473.04	583.00	827.32	331.93	157.41	326.70	337.41	735.97	4539.05	
Sale of Power	3.52	-265.07	-343.42	-176.34	-38.35	-180.11	-15.37	0.00	-67.36	-49.70	-25.35	-38.14	-30.14	-1229.35	
D-D Sales/Purchase & UI	7.71	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-486.17	-486.17	
TOTAL MARKET		147.25	-326.77	-126.52	249.13	292.93	567.63	827.32	264.57	107.72	301.35	299.27	219.66	2823.53	
TOTAL (From All Sources)		3780.47	3317.12	3096.34	3657.55	3991.90	4460.78	4693.52	3792.00	3623.66	3722.42	3745.96	4648.96	46530.68	

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Generating Station	Variable Cost (Rs. / kWh)	Gross Energy Availability (MU)												Total
		April	May	June	July	August	September	October	November	December	January	February	March	
TSGENCO														
Thermal														
VTPS I	0.00													0.00
VTPS II	0.00													0.00
VTPS III	0.00													0.00
VTPS IV	0.00													0.00
RTPP I	0.00													0.00
RTPP Stage-II	0.00													0.00
RTPP Stage-III	0.00													0.00
KTPS A	3.30	58.06	55.52	50.29	62.25	63.00	55.02	31.69	38.99	60.90	59.06	46.62	31.66	613.05
KTPS B	3.30	38.71	37.02	33.52	41.50	42.00	36.68	21.13	25.99	40.60	39.37	31.08	21.11	408.70
KTPS C	3.30	38.71	37.02	33.52	41.50	42.00	36.68	21.13	25.99	40.60	39.37	31.08	21.11	408.70
KTPS D	2.76	211.01	222.59	201.12	203.05	198.60	150.95	158.84	115.92	209.75	199.17	188.52	206.10	2265.63
KTPS Stage VI	2.72	229.06	224.14	219.89	128.47	48.54	200.58	184.38	221.15	251.94	227.87	212.67	244.40	2393.07
RTS B	3.01	25.45	26.44	23.64	26.29	23.92	13.49	8.15	13.08	23.33	22.67	21.42	17.52	245.41
NTS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Kakatiya Thermal Power Plant Stage I	3.01	213.39	222.32	219.55	210.12	157.77	106.54	-1.84	-0.94	240.34	222.00	228.85	235.40	2053.50

Generating Station	Variable Cost (Rs. / kWh)	Gross Energy Availability (MU)												
		April	May	June	July	August	September	October	November	December	January	February	March	Total
Kakatiya Thermal Power Plant Stage II	2.90	274.43	285.65	223.27	273.41	194.97	229.71	157.46	263.19	289.52	268.83	246.21	286.32	2992.97
KTPS VII	2.55	320.97	392.09	322.69	27.33	311.16	306.91	360.71	345.69	-1.56	-0.85	-0.90	7.56	2391.80
TOTAL THERMAL		1409.79	1502.78	1327.48	1013.91	1081.97	1136.55	941.66	1049.05	1155.41	1077.49	1005.56	1071.19	13772.85

Generating Station	Variable Cost (Rs. / kWh)	Gross Energy Availability (MU)												
		April	May	June	July	August	September	October	November	December	January	February	March	Total
MACHKUND PH TS Share	0.00													0.00
TUNGBHADRA PH TS Share	0.00													0.00
USL	0.00													0.00
LSR	0.00													0.00
DONKARAYI	0.00													0.00
SSLM	0.00													0.00
NSPH	0.00	11.44	-0.30	-0.21	-0.21	183.06	327.77	341.53	157.60	20.32	52.49	24.14	3.74	1121.37
NSRCPH	0.00													0.00
NSLCPH	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
POCHAMPAD PH	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.56	1.71	0.64	0.78	0.00	0.00	4.69
NIZAMSAGAR PH	0.00	-0.02	-0.01	-0.01	-0.03	-0.04	-0.03	-0.04	-0.03	-0.02	-0.06	0.63	0.50	0.84
PABM	0.00													0.00
MINI HYDRO&OTHERS	0.00													0.00
SINGUR	0.00	0.25	-0.04	-0.03	-0.03	-0.03	0.20	4.80	4.44	1.16	5.06	6.18	6.74	28.70
SSLM LCPH	0.00	14.11	-0.47	-0.39	-0.47	280.73	336.78	353.23	170.37	50.42	58.11	89.30	49.89	1401.60
Nagarjunasagar Tail Pond Dam Power House	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Priyadarshini Jurala Hydro Electric Project- AP Share	0.00	-0.04	-0.06	-0.05	-0.01	6.31	40.93	47.16	20.24	0.02	-0.07	-0.10	-0.18	114.15
Lower Jurala Hydro Electric Project	0.00	-0.16	-0.21	-0.22	1.33	19.43	71.73	77.91	47.69	0.32	0.00	-0.11	0.03	217.74
POCHAMPAD Stage-II	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PULICHINTAL(New Project)	0.00	-0.01	0.00	0.00	0.00	4.85	35.86	47.54	27.93	4.07	7.15	7.38	5.25	140.00
Mini Hydel & Others (Peddapalli, Palair)	0.00	-0.01	-0.02	-0.02	-0.02	-0.02	0.02	0.00	0.03	0.00	0.23	0.40	0.07	0.67
Ramagiri Wind Mills (AP)	0.00													0.00
Pochampad Stage-IV	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL HYDRO		25.57	-1.10	-0.94	0.56	494.29	813.26	873.68	429.98	76.92	123.69	127.83	66.04	3029.76
TOTAL TSGENCO		1435.35	1501.68	1326.54	1014.46	1576.26	1949.81	1815.34	1479.03	1232.33	1201.17	1133.39	1137.23	16802.61
Central Generating Stations														
NTPC														
NTPC (SR)														
NTPC (SR)	2.53	103.40	117.73	86.21	135.94	177.23	60.05	78.36	103.22	122.86	152.48	141.60	153.61	1432.69
NTPC (SR) Stage III	2.62	30.46	29.94	25.91	39.01	43.03	23.63	26.60	33.10	41.15	41.14	38.70	5.36	378.03
Total NTPC(SR)		133.86	147.67	112.11	174.95	220.26	83.69	104.96	136.32	164.01	193.62	180.30	158.97	1810.72
NTPC (ER)														
Farakka	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Kahalgaon	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Talcher - Stage 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	0.00	0.00
Talcher Stage 2	2.03	92.39	85.29	75.85	71.62	55.02	43.51	59.16	76.22	100.55	99.73	100.15	110.08	969.57
Others	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total NTPC(ER)		92.39	85.29	75.85	71.62	55.02	43.51	59.16	76.22	100.55	99.73	100.15	110.08	969.57
Total NTPC		226.25	232.96	187.97	246.58	275.28	127.19	164.12	212.55	264.56	293.35	280.45	269.05	2780.29
NLC TS-II														
Stage-I	2.72	20.68	17.89	16.87	20.89	20.51	12.76	16.15	20.53	24.25	29.10	29.00	29.28	257.92
Stage-II	2.72	37.83	26.83	19.86	29.80	43.52	18.60	26.21	39.18	48.86	52.52	47.94	50.80	441.95
Total NLC		58.51	44.72	36.73	50.69	64.04	31.35	42.36	59.70	73.11	81.62	76.94	80.08	699.87
NPC														
NPC-MAPS	0.44	2.64	4.35	4.61	4.78	4.98	4.24	5.02	4.45	4.44	3.83	4.73	4.78	52.87
NPC-Kaiga unit I	2.60	33.58	35.57	30.10	31.54	25.63	34.45	34.82	27.98	35.81	31.54	27.51	34.16	382.70
NPC-Kaiga unit II	2.60	33.58	35.57	30.10	31.54	25.63	34.45	34.82	27.98	35.81	31.54	27.51	34.16	382.70
Total NPC		69.80	75.50	64.81	67.86	56.24	73.14	74.67	60.42	76.06	66.91	59.76	73.10	818.27
NTPC - Simhadri														
NTPC Simhadri Stage I	3.45	187.79	141.93	84.70	157.36	126.60	79.69	40.12	109.41	225.94	236.21	231.17	224.31	1845.24

Generating Station	Variable Cost (Rs. / kWh)	Gross Energy Availability (MU)												Total
		April	May	June	July	August	September	October	November	December	January	February	March	
NTPC Simhadri Stage II	3.35	53.11	68.51	63.49	85.43	81.80	38.30	16.09	42.94	104.08	100.92	96.49	98.15	849.32
Total NTPC- Simhadri		240.90	210.44	148.20	242.79	208.40	117.99	56.21	152.35	330.02	337.14	327.66	322.46	2694.56
CGS - New														
Vallur Thermal Power Plant	4.44	25.67	28.97	25.76	27.89	20.81	8.20	12.02	24.26	28.27	34.67	37.41	29.67	303.59
Tuticorin/NLC Tamilnadu Power Ltd	2.93	26.28	20.34	17.69	29.23	63.79	25.54	23.40	39.45	73.85	74.78	67.69	67.10	529.15
NPC-Kundnkulam	4.21	13.98	13.56	13.20	13.96	13.95	12.13	13.90	13.79	6.32	0.00	0.00	11.26	126.05
kudigi	3.69	49.01	30.08	15.97	33.45	34.86	0.85	5.84	0.05	21.72	40.21	83.49	83.21	398.74
NCE-Bundled Power (NVVNL) coal	4.80	14.58	13.82	12.79	12.20	11.77	9.92	8.18	9.06	11.55	13.07	15.63	16.04	148.60
NCE - Bundled Power (Coal) (NTPC 200 MW)	3.99	80.94	83.20	65.90	80.71	79.74	111.30	18.86	59.01	80.08	104.58	93.97	113.91	972.19
Neyveli new unit - 1	2.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.16	6.55	9.85	7.40	23.98
NTPC Aravali Power	0.00													0.00
														0.00
TOTAL CGS		805.92	753.59	589.01	805.35	828.87	517.62	419.57	630.63	965.70	1052.88	1052.86	1073.28	9495.29

Generating Station	Variable Cost (Rs. / kWh)	Gross Energy Availability (MU)												Total
		April	May	June	July	August	September	October	November	December	January	February	March	
APGPCL														
APGPCL I - Allocated capacity	3.22	0.58	0.51	0.54	1.07	1.31	0.88	0.73	0.67	0.66	0.00	0.00	0.00	6.95
APGPCL I - Unutilised capacity	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
APGPCL II - Allocated capacity	3.08	1.55	1.37	1.43	2.85	3.51	2.36	1.95	1.79	1.76	0.00	0.00	0.00	18.58
APGPCL II - Unutilised capacity	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total APGPCL		2.13	1.88	1.97	3.92	4.82	3.24	2.69	2.47	2.42	0.00	0.00	0.00	25.53
IPPS														
GVK	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Spectrum	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Kondapalli (Naphtha)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Kondapalli (Gas)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BSES	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GVK Extension	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vemagiri	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gautami	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Konaseema	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL IPPS		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NCE														
NCE - Bio-Mass	6.28	3.90	2.49	4.82	3.02	1.83	1.10	2.43	2.53	1.77	2.43	6.17	5.48	37.97
NCE - Bagasse	4.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.14	4.15	1.05	9.34
NCE - Municipal Waste to Energy	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NCE - Industrial Waste based power project	4.19	0.00	0.00	5.45	0.00	0.00	0.00	0.00	0.00	2.30	1.33	1.12	3.87	14.06
NCE - Wind Power	4.44	9.14	8.98	20.91	16.36	16.48	17.58	7.79	12.91	19.96	20.43	19.81	14.85	185.19
NCE - Mini Hydel	0.00	0.18	0.00	0.00	0.00	0.13	0.57	0.48	0.29	0.08	0.53	0.38	0.36	2.99
NCE - NCL Energy Ltd	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NCE-Solar	5.99	425.77	337.41	328.87	262.65	226.26	257.15	242.76	257.40	269.71	282.25	337.13	337.56	3564.93
NCE - Bundled Power NVVNL (solar) JNNSM Ph 1	10.76	5.01	4.03	3.19	1.61	1.59	2.31	3.20	3.12	2.51	3.71	4.74	5.60	40.62
NCE - Bundled Power (Solar) (NTPC 400 MW)	4.81	56.55	60.33	43.90	47.69	33.72	34.50	43.49	39.36	55.99	34.98	47.26	62.39	560.17
NCE-Others	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL NCES		500.55	413.24	407.15	331.33	280.00	313.22	300.14	315.60	352.31	349.81	420.74	431.17	4415.26
OTHERS														
Srivathsa	0.00													0.00
LVS	0.00													0.00
Vishakapatnam Steel Plant	0.00													0.00
NB Ferro Alloys	0.00													0.00
Singareni I & II	2.81	533.77	530.97	536.74	507.40	513.69	469.93	382.80	418.85	538.78	533.90	554.34	547.29	6068.46
Thermal Power Tech	3.06	121.82	116.94	136.26	138.74	136.35	133.76	134.63	133.97	140.50	138.27	132.31	140.17	1603.73
CSPGCL	1.20	45.99	62.91	133.93	215.64	77.66	53.34	94.66	149.38	216.50	136.22	186.36	211.31	1583.90
Thermal Power Tech Unit II	2.43	248.51	214.28	230.14	285.20	295.83	238.52	239.89	273.66	296.87	292.50	279.89	296.52	3191.82
TOTAL OTHERS		950.10	925.10	1037.08	1146.99	1023.53	895.54	851.99	975.86	1192.64	1100.89	1152.90	1195.30	12447.91
MARKET														
Bilateral Sales (RTC, PTC etc..)	3.71	415.08	134.77	66.18	266.69	368.21	169.16	22.33	125.01	477.10	752.38	909.52	1059.40	4765.83
D-D /Interstate Sale/UI	3.84	-218.11	147.55	85.93	-63.85	-198.77	-123.86	-43.63	-169.34	-377.12	-261.25	-514.57	-608.18	-2345.21
TOTAL MARKET		196.96	282.32	152.11	202.84	169.44	45.30	-21.30	-44.33	99.98	491.13	394.96	451.22	2420.62
TOTAL (From All Sources)		3891.01	3877.82	3513.86	3504.89	3882.92	3724.73	3368.43	3359.26	3845.38	4195.87	4154.84	4288.20	45607.22

2020-21

Generating Station	Variable Cost (Rs. / kWh)	Gross Energy Availability (MU)											
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Generating Station	Variable Cost (Rs. / kWh)	Gross Energy Availability (MU)												
		April	May	June	July	August	September	October	November	December	January	February	March	Total
		April	May	June	July	August	September	October	November	December	January	February	March	Total
TSGENCO														
Thermal														
VTPS I		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
VTPS II		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
VTPS III		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
VTPS IV		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
RTPP I		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
RTPP Stage-II		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Generating Station	Variable Cost (Rs. / kWh)	Gross Energy Availability (MU)													
		April	May	June	July	August	September	October	November	December	January	February	March	Total	
RTPP Stage-III		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
KTPS A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
KTPS B	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
KTPS C	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
KTPS D	2.66	186.94	183.15	107.47	98.53	102.12	67.85	108.00	81.78	163.10	198.28	203.46	223.43	1724.11	
KTPS Stage VI	2.67	214.65	206.50	185.36	189.49	205.57	202.66	134.06	188.59	210.22	212.47	203.03	236.57	2389.17	
RTS B	3.08	12.22	-0.18	-0.18	-0.22	17.44	21.16	20.68	20.98	22.26	21.93	19.64	21.01	176.72	
NTS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Kakatiya Thermal Power Plant Stage I	2.59	126.17	64.03	205.30	149.71	74.05	123.47	75.70	-3.95	177.02	213.19	222.81	232.29	1659.79	
Kakatiya Thermal Power Plant Stage II	2.54	201.25	256.65	40.48	237.15	180.95	235.96	234.87	228.02	256.89	216.80	232.25	270.24	2591.52	
BTPS	2.52	0.00	0.00	68.79	99.01	77.16	50.82	58.80	-3.67	108.47	185.24	180.95	344.29	1169.87	
KTPS VII	2.29	197.75	342.40	376.41	378.42	314.51	347.27	320.81	369.32	397.47	349.25	331.71	390.07	4115.40	
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
TOTAL THERMAL	2.51	938.98	1052.56	983.63	1152.08	971.80	1049.18	952.93	881.07	1335.43	1397.17	1393.85	1717.90	13826.58	
MACHKUND PH TS Share	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
TUNGBHADRA PH TS Share	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
USL	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
LSR	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
DONKARAYI	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
SSLM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
NSPH	0.00	1.32	-0.24	7.01	5.25	113.83	248.60	328.20	59.98	16.33	57.60	51.29	48.64	937.81	
NSRCPH	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
NSLCPH	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
POCHAMPAD PH	0.00	1.96	-0.03	-0.01	1.45	2.33	7.92	11.04	1.29	0.46	6.65	4.63	5.95	43.64	
NIZAMSAGAR PH	0.00	-0.01	-0.02	-0.01	-0.02	-0.02	-0.01	0.06	0.18	0.96	1.89	0.93	2.19	6.11	
PABM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
MINI HYDRO&OTHERS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
SINGUR	0.00	0.82	-0.01	-0.01	0.60	0.97	3.30	4.60	0.54	0.19	2.77	1.93	2.48	18.18	
SSLM LCPH	0.00	19.43	-0.49	-0.12	168.16	289.29	0.00	24.11	130.25	25.29	45.14	68.46	91.23	860.75	
Nagarjunasagar Tail Pond Dam Power House	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Priyadarshini Jurala Hydro Electric Project- AP Share	0.00	-0.10	-0.14	-0.11	24.00	25.05	32.06	28.89	16.15	0.32	-0.04	-0.05	-0.03	126.00	
Lower Jurala Hydro Electric Project	0.00	-0.13	-0.15	-0.12	43.43	59.38	75.90	61.40	34.86	1.17	0.10	-0.14	0.06	275.79	
POCHAMPAD Stage-II	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
PULICHINTAL(New Project)	0.00	1.87	-0.01	-0.02	0.64	10.63	27.04	28.74	19.41	7.83	15.21	12.34	15.62	139.31	
Ramagiri Wind Mills	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Pochampad Stage-IV	0.00	0.00	0.00	0.00	0.04	0.04	1.92	3.22	0.42	0.03	0.15	1.35	0.09	7.25	
Mini Hydel & Others (Peddapalli, Palair)	0.00	0.04	-0.02	-0.02	0.02	0.11	0.09	-0.01	-0.02	-0.02	0.04	0.25	0.32	0.79	
TOTAL HYDRO	0.00	25.19	-1.10	6.60	243.59	501.61	396.82	490.25	263.06	52.57	129.51	140.98	166.55	2415.64	
TOTAL TSGENCO	2.14	964.17	1051.46	990.23	1395.67	1473.41	1446.00	1443.18	1144.13	1388.00	1526.69	1534.83	1884.45	16242.22	
Central Generating Stations	0.00														
NTPC	0.00														
NTPC (SR)	0.00														
NTPC (SR)	2.42	138.71	129.56	147.76	157.12	117.08	84.36	96.48	107.54	130.02	107.37	130.61	152.51	1499.14	
NTPC (SR) Stage III	2.38	0.00	0.00	28.81	39.49	35.23	33.20	30.34	35.73	34.38	39.08	37.74	39.63	353.62	
Total NTPC(SR)	2.41	138.71	129.56	176.56	196.62	152.31	117.56	126.81	143.27	164.40	146.45	168.35	192.14	1852.76	
NTPC (ER)	0.00														
Farakka	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Kahalgaon	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Talcher - Stage 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	0.00	0.00	
Talcher Stage 2	1.95	94.35	101.76	94.43	102.30	89.11	77.82	92.44	70.14	84.69	79.14	73.20	101.99	1061.37	
Others	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	

Generating Station	Variable Cost (Rs. / kWh)	Gross Energy Availability (MU)													Total
		April	May	June	July	August	September	October	November	December	January	February	March		
Total NTPC(ER)	1.95	94.35	101.76	94.43	102.30	89.11	77.82	92.44	70.14	84.69	79.14	73.20	101.99	1061.37	
Total NTPC	2.24	233.06	231.32	270.99	298.92	241.42	195.38	219.26	213.42	249.09	225.59	241.55	294.13	2914.13	
NLC TS-II															
Stage-I	2.73	24.46	20.42	23.52	9.30	9.93	12.24	6.06	11.70	17.91	22.72	22.73	27.05	208.06	
Stage-II	2.71	36.02	22.18	30.77	0.48	0.00	8.82	7.13	13.26	17.13	21.50	27.83	36.97	222.09	
Total NLC	2.72	60.48	42.61	54.29	9.78	9.93	21.06	13.19	24.96	35.04	44.22	50.57	64.01	430.15	
NPC															
NPC-MAPS	2.59	4.54	4.37	4.55	4.41	4.97	4.73	4.13	1.71	4.62	3.82	2.69	4.53	49.08	
NPC-Kaiga unit I	3.45	47.42	56.74	68.46	69.94	71.73	69.13	70.14	63.27	41.76	57.11	55.30	71.22	742.21	
NPC-Kaiga unit II	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Total NPC	3.39	51.97	61.11	73.01	74.35	76.70	73.86	74.27	64.98	46.38	60.93	57.99	75.75	791.29	
NTPC - Simhadri															
NTPC Simhadri Stage I	3.29	99.40	8.06	1.95	162.09	61.19	70.97	26.36	1.56	41.46	174.17	219.15	265.21	1131.58	
NTPC Simhadri Stage II	3.10	79.82	61.58	87.85	83.44	40.91	46.36	9.84	4.40	51.44	93.73	103.41	107.93	770.72	
Total NTPC- Simhadri	3.21	179.23	69.64	89.80	245.53	102.10	117.33	36.19	5.96	92.90	267.90	322.57	373.14	1902.30	
CGS - New															
Vallur Thermal Power Plant	3.70	10.02	7.72	2.11	0.04	0.01	0.16	1.72	4.24	12.13	32.04	43.37	39.98	153.54	
Tuticorin/NLC Tamilnadu Power Ltd	2.85	58.28	42.26	63.73	60.53	42.38	42.55	36.02	32.05	24.99	51.15	58.77	56.06	568.77	
NPC-Kundnkulam	4.14	21.74	18.60	24.13	16.34	21.57	23.81	24.77	24.17	20.46	12.05	0.00	0.00	207.65	
kudigi	3.10	14.33	0.00	0.00	0.00	0.00	10.21	0.00	0.00	39.89	108.02	91.13	116.29	379.87	
NCE-Bundled Power (NVVNL) coal	4.46	10.83	9.96	14.54	13.31	9.11	8.03	17.08	-3.76	13.01	16.27	15.71	19.65	143.74	
NCE - Bundled Power (Coal) (NTPC 200 MW)	3.75	75.32	67.34	54.57	64.72	64.89	70.71	68.13	51.96	58.63	71.95	72.99	94.52	815.71	
NNTPS	2.31	10.25	12.05	9.84	13.44	4.78	10.16	10.82	10.80	8.69	9.32	13.11	20.66	133.94	
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
														0.00	
														0.00	
TOTAL CGS	2.93	725.51	562.61	657.02	796.96	572.90	573.26	501.45	428.78	601.21	899.44	967.75	1154.19	8441.08	

Generating Station	Variable Cost (Rs. / kWh)	Gross Energy Availability (MU)												
		April	May	June	July	August	September	October	November	December	January	February	March	Total
APGPCL	0.00													
APGPCL I - Allocated capacity	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
APGPCL I - Unutilised capacity	0.00													
APGPCL II - Allocated capacity	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
APGPCL II - Unutilised capacity	0.00													
Total APGPCL	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
IPPS														
GVK		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Spectrum		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Kondapalli (Naphtha)		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Kondapalli (Gas)		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BSES		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GVK Extension		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vemagiri		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gautami		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Konaseema		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL IPPS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NCE														
NCE - Bio-Mass	6.54	5.43	5.13	5.63	5.11	4.52	3.30	4.94	4.40	4.83	2.54	5.58	3.10	54.51
NCE - Bagasse	4.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.47	3.12	2.02	0.00	8.60
NCE - Municipal Waste to Energy	7.73	0.00	0.00	0.00	0.00	0.00	2.68	6.28	6.47	6.89	13.05	12.81	10.37	58.55
NCE - Industrial Waste based power project	6.13	2.16	4.63	5.02	4.91	3.03	4.57	2.43	1.76	0.00	0.23	2.81	4.42	35.99
NCE - Wind Power	4.78	15.92	12.88	21.62	16.48	17.03	15.10	8.69	17.30	19.84	15.22	17.06	14.40	191.55
NCE - Mini Hydel	0.00	0.05	0.04	0.03	0.00	0.13	0.35	0.38	0.21	0.22	0.48	0.50	0.44	2.83
NCE - NCL Energy Ltd	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NCE-Solar	5.98	358.67	336.43	301.04	263.65	229.05	267.31	232.00	305.64	290.19	299.04	343.28	326.70	3553.00
NCE - Bundled Power NVVNL (solar) JNNSM Ph 1	10.74	5.41	4.76	2.91	1.67	1.97	2.14	2.36	1.38	1.85	3.17	3.70	5.21	36.53
NCE - Bundled Power (Solar) (NTPC 400 MW)	4.81	57.39	54.76	52.01	43.67	34.42	28.79	49.83	35.01	59.98	50.32	41.52	67.32	575.01
TOTAL NCES		445.04	418.64	388.26	335.49	290.15	324.24	306.92	372.16	387.28	387.17	429.28	431.96	4516.58
OTHERS	0.00													
Srivathsa	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LVS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Vishakapatnam Steel Plant	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NB Ferro Alloys	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Singareni I & II	2.55	409.40	466.42	28.36	260.33	431.67	428.29	486.65	501.16	515.32	568.32	328.65	425.52	4850.08
Thermal Power Tech	2.12	277.10	292.63	189.16	73.84	211.34	281.53	287.67	217.18	296.36	296.88	255.60	288.44	2967.73
CSPGCL	1.20	208.08	209.74	203.88	248.52	327.31	192.86	153.63	291.86	231.15	65.82	38.94	138.93	2310.75
Thermal Power Tech Unit II	2.33	124.89	127.45	85.89	34.61	96.44	116.49	124.50	91.89	132.59	133.75	120.64	136.35	1325.47
TOTAL OTHERS	2.14	1019.47	1096.24	507.28	617.30	1066.77	1019.16	1052.45	1102.09	1175.43	1064.76	743.83	989.25	11454.02
MARKET														
Short Term Power (PTC & others)	3.37	212.20	127.55	533.68	628.12	493.22	261.67	45.17	11.96	262.57	991.08	1160.43	1602.57	6330.21
D-D purchase/ sale	3.89	-247.06	53.15	66.77	-198.79	-380.43	-79.50	-12.29	40.67	-104.76	-450.20	-492.79	-369.22	-2174.46
Interstate Sale/UI/Sale/Purchase in 33kV & below	2.87	-17.67	-37.56	6.87	-24.28	-50.38	-96.05	-196.79	-201.32	-90.27	-33.13	-21.12	3.90	-757.79
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL MARKET		-52.53	143.15	607.32	405.05	62.41	86.12	-163.91	-148.69	67.54	507.75	646.51	1237.24	3397.95
TOTAL (From All Sources)		3101.66	3272.10	3150.11	3550.46	3465.63	3448.78	3140.08	2898.47	3619.45	4385.81	4322.21	5697.10	44051.86

2021-22

Generating Station	Variable Cost (Rs. / kWh)	Gross Energy Availability (MU)												
		April	May	June	July	August	September	October	November	December	January	February	March	Total

Generating Station	Variable Cost (Rs. / kWh)	Gross Energy Availability (MU)												Total
		April	May	June	July	August	September	October	November	December	January	February	March	
TSGENCO														
Thermal														
KTPS A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
KTPS B	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
KTPS C	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
KTPS D	2.96	206.63	74.71	64.07	107.78	189.51	175.89	0.00	1.13	200.26	200.26	180.88	200.26	1601.35
KTPS Stage VI	3.04	218.95	192.32	203.50	194.09	226.92	194.93	0.00	0.00	64.31	57.17	200.08	221.52	1773.80
RTS B	3.55	20.87	15.87	5.53	10.46	17.53	10.50	0.00	0.00	0.00	23.89	21.57	23.89	150.11
NTS	0.00													0.00
Kakatiya Thermal Power Plant Stage I	3.07	211.54	208.30	206.11	180.92	206.43	167.55	0.00	0.00	0.00	205.47	125.94	132.56	1644.83
Kakatiya Thermal Power Plant Stage II	3.07	254.77	124.65	89.71	233.92	231.97	199.62	0.00	0.00	205.79	259.21	234.12	259.21	2092.95
BTPS (Manuguru New Project) - Unit 1	2.78	72.99	81.94	75.77	84.06	87.37	93.21	110.22	106.67	110.22	110.22	99.56	110.22	1142.45
BTPS (Manuguru New Project) - Unit 2	2.78	72.99	81.94	75.77	84.06	87.37	93.21	110.22	106.67	110.22	110.22	99.56	110.22	1142.45
BTPS (Manuguru New Project) - Unit 3	2.78	72.99	81.94	75.77	84.06	87.37	93.21	110.22	106.67	110.22	110.22	99.56	110.22	1142.45
BTPS (Manuguru New Project) - Unit 4	2.79	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	110.22	99.56	110.22	320.00
KTPS VII	2.74	285.51	380.81	346.54	341.19	352.01	299.95	357.80	346.26	357.80	311.63	138.50	357.80	3875.81
														0.00
														0.00
TOTAL THERMAL	2.90	1417.24	1242.45	1142.76	1320.53	1486.48	1328.08	688.47	667.39	1158.83	1498.52	1299.32	1636.13	14886.20

Generating Station	Variable Cost (Rs. / kWh)	Gross Energy Availability (MU)												Total	
		April	May	June	July	August	September	October	November	December	January	February	March		
SSLM	0.00														0.00
NSPH	0.00	23.78	18.66	27.80	127.23	365.75	272.11	138.29	125.72	111.75	90.80	62.86	34.92	1399.66	
NSRCPH	0.00													0.00	
NSLCPH	0.00	1.75	1.37	2.04	9.35	26.89	20.01	10.48	9.78	6.98	4.89	3.49	2.79	99.84	
POCHAMPAD PH	0.00	2.35	-0.03	0.10	2.44	7.11	2.61	7.68	1.05	2.79	4.89	5.59	4.89	41.47	
NIZAMSAGAR PH	0.00	0.33	-0.02	-0.01	0.52	0.71	2.29	2.79	0.70	2.10	2.10	1.75	2.44	15.69	
PABM	0.00													0.00	
MINI HYDRO&OTHERS	0.00													0.00	
SINGUR	0.00	1.30	-0.01	0.06	1.36	3.95	1.45	4.19	0.70	0.00	0.70	0.70	0.70	15.08	
SSLM LCPH	0.00	12.99	-0.03	33.73	199.60	331.50	284.34	143.59	58.55	39.73	35.55	45.31	48.79	1233.66	
Nagarjunasagar Tail Pond Dam Power House	0.00													0.00	
Priyadarshini Jurala Hydro Electric Project- AP Share	0.00	-0.05	-0.06	15.27	8.31	28.44	32.34	69.84	41.91	0.00	0.00	0.00	0.00	196.00	
Lower Jurala Hydro Electric Project	0.00	0.01	-0.16	19.01	24.09	45.13	84.41	69.84	13.97	0.70	0.70	0.35	0.35	258.40	
POCHAMPAD Stage-II	0.00	0.00	0.00	0.00	0.97	2.16	16.48	2.10	0.35	0.70	2.10	1.40	2.10	28.33	
PULICHINTAL(New Project)	0.00	6.03	1.81	0.23	21.11	35.84	40.98	20.95	20.95	10.48	6.98	6.98	6.98	179.32	
Ramagiri Wind Mills	0.00													0.00	
Pochampad Stage-IV	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Mini Hydel & Others (Peddapalli, Palair)	0.00	0.25	-0.02	-0.02	-0.02	0.36	0.40	0.42	0.30	0.30	0.72	0.72	0.72	4.13	
TOTAL HYDRO	0.00	48.73	21.51	98.21	394.95	847.84	757.41	470.18	273.97	175.53	149.42	129.14	104.69	3471.58	
TOTAL TSGENCO	2.35	1465.98	1263.96	1240.96	1715.48	2334.31	2085.49	1158.65	941.36	1334.36	1647.93	1428.46	1740.82	18357.78	
Central Generating Stations															
NTPC															
NTPC (SR)															
NTPC (SR)	2.57	144.40	125.68	131.47	112.42	140.94	130.41	153.98	152.50	113.64	153.98	144.60	153.98	1658.00	
NTPC (SR) Stage III	2.53	40.78	36.47	36.80	32.29	41.17	37.13	43.11	41.72	43.11	1.75	27.03	43.11	424.47	
Total NTPC(SR)	2.56	185.19	162.15	168.27	144.71	182.11	167.54	197.09	194.22	156.75	155.72	171.63	197.09	2082.47	
NTPC (ER)															
Farakka	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Kahalgaon	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Talcher - Stage 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	0.00	0.00	
Talcher Stage 2	1.73	94.60	91.54	93.87	86.84	74.48	89.19	75.78	96.29	103.40	103.45	93.74	103.99	1107.17	
Others	0.00													0.00	
Total NTPC(ER)	1.73	94.60	91.54	93.87	86.84	74.48	89.19	75.78	96.29	103.40	103.45	93.74	103.99	1107.17	
Total NTPC		279.79	253.69	262.15	231.55	256.59	256.73	272.86	290.50	260.14	259.17	265.38	301.07	3189.64	
NLC TS-II															
Stage-I	2.64	23.16	20.46	22.57	18.26	17.67	19.07	23.00	23.86	16.99	24.33	23.53	26.05	258.95	
Stage-II	2.65	32.43	30.98	36.36	25.51	45.32	37.89	33.36	32.74	44.48	42.61	41.99	46.44	450.12	
Total NLC	2.64	55.60	51.44	58.93	43.77	62.99	56.96	56.37	56.60	61.47	66.94	65.52	72.48	709.07	
NPC															
NPC-MAPS	2.16	0.47	0.00	0.00	3.79	3.32	0.00	3.57	3.39	3.57	3.57	3.14	3.57	28.39	
NPC-Kaiga unit I	3.50	29.21	32.46	31.70	29.44	26.68	31.62	23.22	26.70	27.70	27.70	24.91	13.85	325.19	
NPC-Kaiga unit II	3.50	30.99	34.44	33.63	31.24	28.31	33.55	29.42	28.36	29.42	29.42	26.46	29.42	364.65	
Total NPC	3.44	60.67	66.90	65.32	64.48	58.31	65.18	56.20	58.45	60.69	60.69	54.50	46.84	718.22	
NTPC - Simhadri															
NTPC Simhadri Stage I	3.14	231.64	54.55	64.87	225.51	235.78	170.50	0.00	0.00	260.87	260.87	235.62	260.87	2001.08	
NTPC Simhadri Stage II	3.07	52.68	33.47	20.45	110.60	119.84	104.97	0.00	0.00	59.78	111.68	108.00	119.57	841.03	
Total NTPC- Simhadri	3.12	284.31	88.02	85.32	336.11	355.62	275.47	0.00	0.00	320.65	372.55	343.62	380.43	2842.11	
CGS - New															
Vallur Thermal Power Plant	2.94	41.93	15.79	28.65	41.41	35.24	37.91	49.26	37.39	36.49	49.37	49.20	52.59	475.22	

Generating Station	Variable Cost (Rs. / kWh)	Gross Energy Availability (MU)												
		April	May	June	July	August	September	October	November	December	January	February	March	Total
Tuticorin/NLC Tamilnadu Power Ltd	2.66	52.34	38.34	33.20	41.93	67.59	34.63	23.90	59.70	73.72	73.72	66.60	73.72	639.40
NPC-Kundnkulam	3.92	2.42	21.86	21.77	24.99	21.04	65.18	22.44	19.90	20.55	9.95	0.00	0.00	230.11
kudigi	3.42	57.89	0.00	22.99	32.38	50.03	58.39	0.00	0.00	0.00	128.19	115.78	128.19	593.83
NCE-Bundled Power (NVVNL) coal	4.62	14.56	9.90	9.59	11.01	13.18	12.58	19.78	19.78	19.78	19.78	19.78	19.78	189.48
NCE - Bundled Power (Coal) (NTPC 200 MW)	3.95	65.82	87.43	60.43	45.16	65.31	71.38	83.33	80.64	83.33	83.33	75.27	83.33	884.77
Neyveli new unit - 1	2.19	11.07	9.85	9.49	13.87	8.06	11.96	10.93	12.57	11.94	13.34	12.03	13.34	138.46
Neyveli new unit - 2	2.19	11.07	9.85	9.49	13.87	8.06	11.96	10.93	12.57	11.94	13.34	12.03	13.34	138.46
Telangana STPP (phase I)	#N/A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
														0.00
TOTAL CGS	2.93	937.47	653.06	667.33	900.53	1002.03	958.32	606.01	648.12	960.70	1150.37	1079.70	1185.11	10748.75
APGPCL														
APGPCL I - Allocated capacity	0.00													0.00
APGPCL I - Unutilised capacity														0.00
APGPCL II - Allocated capacity	0.00													0.00
APGPCL II - Unutilised capacity														0.00
Total APGPCL	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Generating Station	Variable Cost (Rs. / kWh)	Gross Energy Availability (MU)												Total	
		April	May	June	July	August	September	October	November	December	January	February	March		
NCE															
NCE - Bio-Mass	6.44	3.32	3.32	2.32	3.14	3.26	3.39	2.82	2.92	2.81	1.17	3.46	3.10	35.04	
NCE - Bagasse	5.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.47	3.12	2.02	0.00	8.60	
NCE - Municipal Waste to Energy	6.48	13.12	12.67	13.08	12.67	8.56	9.83	6.28	6.47	6.89	13.05	12.81	10.37	125.81	
NCE - Industrial Waste based power project	6.60	3.93	4.30	4.63	4.68	4.53	4.83	2.43	1.76	1.76	1.76	2.81	4.42	41.85	
NCE - Wind Power	4.54	21.64	15.39	22.31	16.48	17.03	17.03	11.46	20.07	22.61	17.98	19.83	17.17	219.00	
NCE - Mini Hydel	2.10	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.03	0.08	0.06	0.05	0.28	
NCE - NCL Energy Ltd	0.00													0.00	
NCE-Solar	5.97	347.79	326.88	301.93	227.09	268.31	250.86	232.78	306.41	290.75	299.04	345.08	328.50	3525.41	
NCE - Bundled Power NVVNL (solar) JNNSM Ph 1	10.69	4.44	4.04	3.01	1.87	1.57	1.52	2.36	1.38	1.85	3.17	3.70	5.21	34.12	
NCE - Bundled Power (Solar) (NTPC 400 MW)	4.71	48.80	57.62	49.51	61.44	27.64	47.56	39.99	48.66	50.40	48.41	53.54	54.87	588.45	
SECI 400 MW	2.78	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.55	12.96	12.96	12.55	12.96	63.99	
TOTAL NCE	5.76	443.06	424.23	396.79	327.36	330.92	335.02	298.12	400.24	393.54	400.75	455.86	436.65	4642.54	
OTHERS															
Singareni I & II	2.75	554.24	527.58	515.60	448.20	382.39	523.28	581.78	563.01	581.78	581.78	525.48	581.78	6366.89	
Thermal Power Tech	2.26	135.62	125.89	110.42	142.03	140.10	122.70	141.43	108.54	141.43	141.43	127.75	141.43	1578.77	
CSPGCL	1.20	230.95	271.70	223.16	88.46	102.97	46.56	380.46	368.19	380.46	380.46	343.64	380.46	3197.47	
Thermal Power Tech Unit II	2.33	288.22	288.50	247.12	279.68	296.29	247.90	299.19	229.60	299.19	299.19	270.23	299.19	3344.30	
TOTAL OTHERS	2.26	1209.03	1213.67	1096.29	958.38	921.74	940.45	1402.86	1269.34	1402.86	1402.86	1267.10	1402.86	14487.43	
MARKET															
PTC	4.28	143.20	0.00	0.00	81.86	59.46	98.20	0.00	0.00	0.00	0.00	221.64	245.39	849.74	
Other Short Term Sources	3.59	445.42	70.43	273.77	230.81	279.83	100.36	0.00	0.00	0.00	232.84	801.63	897.70	3332.80	
D-D purchase/ sale	4.26	-145.35	97.60	12.32	-412.79	-59.41	43.13	114.12	151.73	-36.31	-219.41	-607.98	-446.65	-1509.00	
Interstate Sale	4.40	-120.44	-259.96	-110.31	-187.16	-318.73	-583.45							-1580.06	
TOTAL MARKET	2.04	322.82	-91.93	175.79	-287.28	-38.86	-341.77	114.12	151.73	-36.31	13.43	415.30	696.44	1093.48	
TOTAL (From All Sources)		4378.36	3462.99	3577.17	3614.47	4550.14	3977.51	3579.76	3410.79	4055.16	4615.35	4646.42	5461.88	49329.99	

2022-23

Generating Station	Variable Cost (Rs. / kWh)	Gross Energy Availability (MU)												Total
		April	May	June	July	August	September	October	November	December	January	February	March	
TSGENCO														
Thermal														
KTPS A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
KTPS B	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
KTPS C	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
KTPS D	2.96	190.21	196.55	190.21	163.97	163.97	190.21	196.55	190.21	196.55	190.21	177.53	196.55	2249.08
KTPS Stage VI	3.04	187.95	194.21	187.95	194.21	194.21	187.95	194.21	187.95	194.21	194.21	175.42	194.21	2286.67
RTS B	3.55	0.00	0.00	0.00	0.00	23.50	0.00	0.00	0.00	7.58	23.50	21.23	23.50	99.32
NTS	0.00													0.00
Kakatiya Thermal Power Plant Stage I	3.07	187.95	194.21	187.95	194.21	194.21	187.95	194.21	187.95	194.21	194.21	175.42	194.21	2286.67
Kakatiya Thermal Power Plant Stage II	3.07	226.75	234.31	226.75	234.31	234.31	226.75	234.31	226.75	234.31	234.31	211.64	234.31	2758.83
BTPS (Manuguru New Project) - Unit 1	2.78	110.85	114.55	110.85	89.45	114.55	110.85	114.55	110.85	89.45	114.55	103.46	114.55	1298.49
BTPS (Manuguru New Project) - Unit 2	2.78	110.85	114.55	110.85	89.45	114.55	110.85	114.55	110.85	89.45	114.55	103.46	114.55	1298.49
BTPS (Manuguru New Project) - Unit 3	2.78	110.85	114.55	110.85	89.45	114.55	110.85	114.55	110.85	89.45	114.55	103.46	114.55	1298.49
BTPS (Manuguru New Project) - Unit 4	2.79	106.67	110.22	106.67	110.22	110.22	106.67	110.22	106.67	110.22	110.22	99.56	110.22	1297.79
KTPS VII	2.74	327.28	338.19	327.28	338.19	338.19	327.28	338.19	327.28	338.19	338.19	305.46	338.19	3981.89
YTPS - I	2.49	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	338.19	338.19
TOTAL THERMAL		1559.36	1611.33	1559.36	1503.45	1602.25	1559.36	1611.33	1559.36	1543.62	1634.84	1476.63	1973.02	19193.90

Generating Station	Variable Cost (Rs. / kWh)	Gross Energy Availability (MU)												Total
		April	May	June	July	August	September	October	November	December	January	February	March	
SSLM	0.00													0.00
NSPH	0.00	37.89	26.53	37.89	113.68	140.97	194.02	150.06	136.42	121.26	98.53	49.26	30.32	1136.84
NSRCPH	0.00													0.00
NSLCPH	0.00	0.69	0.00	0.00	0.00	4.85	9.69	9.69	7.62	4.15	2.77	1.38	0.69	41.55
POCHAMPAD PH	0.00	1.14	0.00	0.00	2.84	3.97	5.68	5.68	5.68	4.54	4.54	4.54	3.97	42.57
NIZAMSAGAR PH	0.00	1.51	0.00	0.00	0.76	1.51	1.51	1.51	0.00	0.76	1.51	1.51	1.51	12.08
PABM	0.00													0.00
MINI HYDRO&OTHERS	0.00													0.00
SINGUR	0.00	0.75	0.00	0.22	0.15	0.37	2.99	2.99	0.75	0.00	0.75	0.75	0.75	10.45
SSLM LCPH	0.00	34.70	18.86	15.09	61.86	229.34	252.72	188.60	67.90	52.81	64.88	59.60	22.63	1068.99
Nagarjunasagar Tail Pond Dam Power House	0.00													0.00
Priyadarshini Jurala Hydro Electric Project- TS Share	0.00	0.00	0.00	0.00	7.84	23.16	26.89	22.41	20.54	7.47	11.20	0.00	0.00	119.52
Lower Jurala Hydro Electric Project	0.00	0.00	0.00	0.00	26.28	52.57	52.57	45.06	37.55	15.02	11.26	0.00	0.00	240.31
POCHAMPAD Stage-II	0.00	0.37	0.00	0.00	0.92	1.29	1.85	1.85	1.85	1.48	1.48	1.48	1.29	13.86
PULICHINTAL(New Project)	0.00	7.54	0.00	0.00	0.00	18.86	22.63	22.63	22.63	11.31	7.54	7.54	7.54	128.22
Ramagiri Wind Mills	0.00													0.00
Pochampad Stage-IV	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mini Hydel & Others (Peddapalli, Palair)	0.00	0.55	0.00	0.00	0.00	0.69	0.88	0.88	0.66	0.66	1.10	1.10	1.10	7.62
TOTAL HYDRO	0.00	85.14	45.39	53.21	214.34	477.57	571.43	451.35	301.58	219.46	205.57	127.17	69.81	2822.00
TOTAL TSGENCO	2.35	1644.50	1656.72	1612.56	1717.79	2079.82	2130.78	2062.69	1860.93	1763.08	1840.40	1603.79	2042.83	22015.90

Generating Station	Variable Cost (Rs. / kWh)	Gross Energy Availability (MU)												
		April	May	June	July	August	September	October	November	December	January	February	March	Total
Central Generating Stations														
NTPC														
NTPC (SR)														
NTPC (SR)	2.57	149.01	153.98	158.14	170.64	170.64	124.81	170.64	165.13	128.97	170.64	159.63	170.64	1892.86
NTPC (SR) Stage III	2.53	41.72	43.11	41.72	43.11	43.11	41.72	43.11	41.72	43.11	43.11	40.33	43.11	508.96
Total NTPC(SR)	2.56	190.73	197.09	199.86	213.75	213.75	166.53	213.75	206.85	172.08	213.75	199.96	213.75	2401.82
NTPC (ER)														
Farakka	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Kahalgaon	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Talcher - Stage 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	0.00	0.00
Talcher Stage 2	1.73	99.86	103.25	99.86	86.25	89.79	71.38	103.25	99.86	103.25	103.25	93.04	103.25	1156.27
Others	0.00													0.00
Total NTPC(ER)	1.73	99.86	103.25	99.86	86.25	89.79	71.38	103.25	99.86	103.25	103.25	93.04	103.25	1156.27
Total NTPC	2.28	290.58	300.33	299.71	300.00	303.53	237.90	317.00	306.71	275.33	317.00	293.00	317.00	3558.09
NLC TS-II														
Stage-I	2.64	25.32	26.24	22.81	18.25	17.52	17.72	24.59	24.79	25.71	26.31	23.53	26.31	279.10
Stage-II	2.65	45.46	43.41	38.70	46.79	46.79	45.46	36.65	34.07	34.87	39.68	42.26	46.79	500.95
Total NLC	2.64	70.78	69.66	61.51	65.04	64.31	63.18	61.24	58.86	60.59	65.99	65.79	73.10	780.05
NPC														
NPC-MAPS	2.16	3.39	3.53	3.39	3.53	3.53	3.39	3.53	3.39	3.53	3.53	3.14	3.53	41.42
NPC-Kaiga unit I	3.50	20.92	27.70	26.70	27.70	27.70	26.70	27.70	26.70	27.70	27.70	24.91	27.70	319.84
NPC-Kaiga unit II	3.50	28.36	29.42	28.36	29.42	29.42	28.36	29.42	28.36	17.04	20.32	26.46	23.18	318.11
Total NPC	3.44	52.67	60.65	58.45	60.65	60.65	58.45	60.65	58.45	48.27	51.55	54.50	54.41	679.38
NTPC - Simhadri														
NTPC Simhadri Stage I	3.14	252.45	0.00	0.00	0.00	260.81	57.29	0.00	0.00	260.81	260.81	235.72	260.81	1588.71
NTPC Simhadri Stage II	3.07	115.71	0.00	0.00	116.05	119.54	115.71	0.00	0.00	101.77	119.54	108.04	119.54	915.90
Total NTPC- Simhadri	3.12	368.16	0.00	0.00	116.05	380.35	173.00	0.00	0.00	362.58	380.35	343.76	380.35	2504.61
CGS - New														
Vallur Thermal Power Plant	2.94	50.89	52.59	50.89	52.59	52.59	47.78	52.59	33.76	40.78	52.59	49.20	52.59	588.83
Tuticorin/NLC Tamilnadu Power Ltd	2.66	66.71	68.94	66.71	68.94	35.59	50.03	68.94	58.96	68.94	68.94	62.25	68.94	753.89
NPC-Kundnkulam	3.92	19.90	20.55	19.90	20.55	20.55	19.90	20.55	19.90	20.55	20.55	0.00	0.00	202.95
kudigi	3.42	99.23	0.00	0.00	0.00	90.21	0.00	0.00	0.00	135.31	135.31	122.21	135.31	717.58
NCE-Bundled Power (NVVNL) coal	4.62	19.78	19.78	19.78	19.78	19.78	19.78	19.78	19.78	19.78	19.78	19.78	19.78	237.30
NCE - Bundled Power (Coal) (NTPC 200 MW)	3.95	80.64	83.33	80.64	83.33	83.33	80.64	83.33	80.64	83.33	83.33	75.27	83.33	981.14
Neyveli new unit - 1	2.19	12.64	13.08	7.36	13.01	13.01	12.57	12.57	12.22	7.51	13.10	11.87	13.10	142.06
Neyveli new unit - 2	2.19	12.64	13.08	7.36	13.01	13.01	12.57	12.57	12.22	7.51	13.10	11.87	13.10	142.06
Telangana STPP (phase I)	2.27	0.00	0.00	0.00	0.00	0.00	0.00	281.39	272.31	281.39	562.78	508.32	562.78	2468.99
TOTAL CGS		1144.63	701.99	672.32	812.96	1136.92	775.81	990.62	933.82	1411.88	1784.37	1617.82	1773.79	13756.92
APGPCL														
APGPCL I - Allocated capacity	0.00													0.00
APGPCL I - Unutilised capacity	0.00													0.00
APGPCL II - Allocated capacity	0.00													0.00
APGPCL II - Unutilised capacity	0.00													0.00
Total Apgpcl	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NCE														
NCE - Bio-Mass	6.44	3.32	3.32	2.32	3.14	3.26	3.26	2.82	2.92	2.81	1.17	3.46	3.10	34.91
NCE - Bagasse	5.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.47	0.00	0.00	0.00	3.47

Generating Station	Variable Cost (Rs. / kWh)	Gross Energy Availability (MU)													
		April	May	June	July	August	September	October	November	December	January	February	March	Total	
NCE - Municipal Waste to Energy	6.48	13.12	12.67	13.08	12.67	12.67	6.28	6.47	6.89	6.89	13.05	12.81	10.37	126.98	
NCE - Industrial Waste based power project	6.60	3.93	4.30	4.63	4.68	4.68	4.68	2.43	1.76	1.76	1.76	2.81	4.42	41.84	
NCE - Wind Power	4.54	24.41	18.16	31.04	25.21	25.76	23.37	11.46	20.07	22.61	17.98	19.83	17.17	257.06	
NCE - Mini Hydel	2.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.03	0.08	0.06	0.05	0.24	
NCE - NCL Energy Ltd	0.00													0.00	
NCE-Solar	5.97	347.79	327.03	302.09	230.91	265.19	269.30	232.78	306.41	290.75	299.04	345.08	328.50	3544.86	
NCE - Bundled Power NVVNL (solar) JNNSM Ph 1	10.69	4.44	4.04	3.01	1.87	1.57	1.87	2.36	1.38	1.85	3.17	3.70	5.21	34.47	
NCE - Bundled Power (Solar) (NTPC 400 MW)	4.71	54.64	53.90	47.97	38.71	44.11	44.11	39.99	48.66	50.40	48.41	53.54	54.87	579.30	
NTPC CPSU - 1692 MW	2.82	0.00	31.51	30.50	37.10	37.10	134.35	138.82	163.30	168.74	168.74	152.41	168.74	1231.32	
SECI 400 MW	2.78	12.55	12.96	38.60	39.89	39.89	38.60	39.89	38.60	39.89	39.89	36.03	39.89	416.71	
TOTAL NCES		464.18	467.91	473.24	394.17	434.23	525.81	477.03	590.01	589.21	593.30	629.74	632.32	6271.16	
OTHERS															
Singareni I & II	2.75	563.01	229.50	13.52	581.78	290.89	384.73	443.62	489.40	581.78	581.78	525.48	581.78	5267.26	
Thermal Power Tech	2.26	130.03	134.36	130.03	134.36	134.36	130.03	134.36	130.03	134.36	134.36	121.36	134.36	1581.99	
CSPGCL	1.20	368.19	380.46	368.19	380.46	380.46	368.19	380.46	368.19	380.46	380.46	343.64	380.46	4479.63	
Thermal Power Tech Unit II	2.33	275.06	284.23	275.06	284.23	284.23	275.06	284.23	275.06	284.23	284.23	256.72	284.23	3346.57	
TOTAL OTHERS	2.26	1336.29	1028.55	786.80	1380.83	1089.94	1158.00	1242.67	1262.68	1380.83	1380.83	1247.20	1380.83	14675.44	
MARKET															
PTC	4.28	237.47	0.00	0.00	245.39	245.39	237.47	0.00	0.00	0.00	0.00	0.00	0.00	965.72	
Other Short Term Sources	3.59	0.00	0.00	0.00	0.00	1101.15	0.00	0.00	0.00	269.28	210.00	19.48	88.10	1688.01	
D-D purchase/ sale	4.26	-112.39	74.22	186.56	-179.57	-910.27	-256.66	-427.04	-430.06	-500.90	-688.75	-407.09	-422.10	-4074.07	
TOTAL MARKET		125.08	74.22	186.56	65.82	436.27	-19.19	-427.04	-430.06	-231.63	-478.75	-387.61	-334.00	-1420.34	
TOTAL (From All Sources)		4714.68	3929.39	3731.48	4371.56	5177.17	4571.21	4345.96	4217.38	4913.37	5120.16	4710.94	5495.77	55299.08	

Revenue from Current Tariffs (Rs. Crs.)	Detail Links	Base Year							2019-20						
		Retail Supply (Regulated Business)			Surcharges (Open Access)		Grid Support Charges	Total Revenue	Retail Supply (Regulated Business)			Surcharges (Open Access)		Grid Support Charges	Total Revenue
		Gross Revenue	Incentives	Net Revenue	Surcharge	Additional surcharge			Gross Revenue	Incentives	Net Revenue	Surcharge	Additional surcharge		
LT Category		7622.03	0.00	7622.03	0.00	0.00	0.00	7622.03	8148.32	0.00	8148.32	0.00	0.00	0.00	8148.32
Category I (A&B) - Domestic	Form-7	3778.89	0.00	3778.89				3778.89	4167.78	0.00	4167.78				4167.78
Category II (A,B,C & D) - Non-domestic/Commercial	Form-5a	2667.19	0.00	2667.19				2667.19	2779.24	0.00	2779.24				2779.24
Category III - Industrial		738.50	0.00	738.50				738.50	737.79	0.00	737.79				737.79
Category IV (A&B) - Cottage Industries		4.36	0.00	4.36				4.36	4.25	0.00	4.25				4.25
Category V (A&B) - Agriculture		40.03	0.00	40.03				40.03	40.32	0.00	40.32				40.32
Category VI (A & B) - Local Bodies, St. Lighting & PWS		313.25	0.00	313.25				313.25	312.80	0.00	312.80				312.80
Category VII (A & B) - General Purpose		56.94	0.00	56.94				56.94	57.70	0.00	57.70				57.70
Category VIII -Temporary Supply		22.86	0.00	22.86				22.86	48.43	0.00	48.43				48.43
Category IX-Electric Vehicle Charging Stations		0.00	0.00	0.00				0.00	0.00	0.00	0.00				0.00
HT Category at 11 KV		4976.22	0.00	4976.22	5.34	1.21	0.00	4982.77	5030.74	0.00	5030.74	5.30	1.09	0.00	5037.14
HT-I Industry Segregated		3068.86	0.00	3068.86	5.28	1.18		3075.33	3051.94	0.00	3051.94	4.77	1.09		3057.81
HT-I (B) Ferro-Alloys		0.00	0.00	0.00				0.00	0.00	0.00	0.00				0.00
HT-II - Others		1640.19	0.00	1640.19	0.05	0.03		1640.27	1663.10	0.00	1663.10	0.53	0.00		1663.63
HT-III Airports, Railways and Bustations		4.42	0.00	4.42				4.42	3.90	0.00	3.90				3.90
HT-IVA Lift Irrigation & Agriculture		38.84	0.00	38.84				38.84	35.89	0.00	35.89				35.89
HT - IV (B) Composite P.W.S Schemes		36.28	0.00	36.28				36.28	53.08	0.00	53.08				53.08
HT-VI Townships and Residential Colonies		70.62	0.00	70.62				70.62	78.51	0.00	78.51				78.51
HT-VII Temporary Supply		117.01	0.00	117.01				117.01	142.85	0.00	142.85				142.85
RESCOs		0.00	0.00	0.00				0.00	0.00	0.00	0.00				0.00
HT IX-Electric Vehicle Charging Stations		0.00	0.00	0.00				0.00	1.46	0.00	1.46				1.46
HT Category at 33 KV		4178.73	0.00	4178.73	128.21	21.89	0.00	4328.83	4008.46	0.00	4008.46	125.97	39.08	0.00	4173.50
HT-I Industry Segregated		3305.53	0.00	3305.53	117.83	21.71		3445.07	3045.35	0.00	3045.35	122.68	38.92		3206.95
HT-I (B) Ferro-Alloys		21.67	0.00	21.67				21.67	18.99	0.00	18.99				18.99
HT-II - Others		686.47	0.00	686.47	10.38	0.18		697.03	735.81	0.00	735.81	3.29	0.16		739.25
HT-III Airports, Railways and Bustations		0.00	0.00	0.00				0.00	0.00	0.00	0.00				0.00
HT-IVA Lift Irrigation & Agriculture		26.98	0.00	26.98				26.98	17.12	0.00	17.12				17.12
HT - IV (B) Composite P.W.S Schemes		53.61	0.00	53.61				53.61	84.31	0.00	84.31				84.31
HT-VI Townships and Residential Colonies		42.69	0.00	42.69				42.69	49.57	0.00	49.57				49.57
HT - Temporary Supply		41.78	0.00	41.78				41.78	57.31	0.00	57.31				57.31
RESCOs		0.00	0.00	0.00				0.00	0.00	0.00	0.00				0.00
HT IX-Electric Vehicle Charging Stations		0.00	0.00	0.00				0.00	0.00	0.00	0.00				0.00
HT Category at 132 KV		3067.72	0.00	3067.72	60.99	16.95	0.00	3145.67	3305.83	0.00	3305.83	82.34	26.00	0.00	3414.16
HT-I Industry Segregated		1742.15	0.00	1742.15	60.99	16.95		1820.09	1627.71	0.00	1627.71	82.34	26.00		1736.04
HT-I (B) Ferro-Alloys		93.20	0.00	93.20				93.20	97.34	0.00	97.34				97.34
HT-II - Others		42.08	0.00	42.08				42.08	43.93	0.00	43.93				43.93
HT-III Airports, Railways and Bustations		52.62	0.00	52.62				52.62	62.16	0.00	62.16				62.16
HT-IVA Lift Irrigation & Agriculture		942.66	0.00	942.66				942.66	1182.43	0.00	1182.43				1182.43
HT - IV (C) Composite P.W.S Schemes		38.00	0.00	38.00				38.00	108.21	0.00	108.21				108.21
HT-V (A) Railway Traction		128.77	0.00	128.77				128.77	144.45	0.00	144.45				144.45
HT-V (B) HMR		28.26	0.00	28.26				28.26	39.61	0.00	39.61				39.61
HT-VI Townships and Residential Colonies		0.00	0.00	0.00				0.00	0.00	0.00	0.00				0.00
HT - Temporary Supply		0.00	0.00	0.00				0.00	0.00	0.00	0.00				0.00
HT- RESCOs		0.00	0.00	0.00				0.00	0.00	0.00	0.00				0.00
HT IX-Electric Vehicle Charging Stations		0.00	0.00	0.00				0.00	0.00	0.00	0.00				0.00
Total		19844.71	0.00	19844.71	194.54	40.05	0.00	20079.30	20493.35	0.00	20493.35	213.60	66.17	0.00	20773.12

Revenue from Current Tariffs (Rs. Crs.)	2020-21							2021-22							
	Retail Supply (Regulated Business)			Surcharges (Open Access)		Grid Support Charges	Total Revenue	Retail Supply (Regulated Business)			Surcharges (Open Access)		Grid Support Charges	Total Revenue	Retail Sup
	Gross Revenue	Incentives	Net Revenue	Surcharge	Additional surcharge			Gross Revenue	Incentives	Net Revenue	Surcharge	Additional surcharge			Gross Revenue
LT Category	7679.54	0.00	7679.54	0.00	0.00	0.00	7679.54	8035.76	0.00	8035.76	0.00	0.00	0.00	8035.76	8534.30
Category I (A&B) - Domestic	4210.40	0.00	4210.40				4210.40	4332.52	0.00	4332.52				4332.52	4625.75
Category II (A,B,C & D) - Non-domestic/Commercial	2285.28	0.00	2285.28				2285.28	2523.36	0.00	2523.36				2523.36	2688.72
Category III - Industrial	729.12	0.00	729.12				729.12	695.36	0.00	695.36				695.36	711.97
Category IV (A&B) - Cottage Industries	4.36	0.00	4.36				4.36	4.38	0.00	4.38				4.38	4.48
Category V (A&B) - Agriculture	46.79	0.00	46.79				46.79	49.02	0.00	49.02				49.02	50.24
Category VI (A & B) - Local Bodies, St. Lighting & PWS	303.00	0.00	303.00				303.00	309.38	0.00	309.38				309.38	327.32
Category VII (A & B) - General Purpose	37.55	0.00	37.55				37.55	42.75	0.00	42.75				42.75	43.70
Category VIII -Temporary Supply	63.02	0.00	63.02				63.02	78.98	0.00	78.98				78.98	81.07
Category IX-Electric Vehicle Charging Stations	0.01	0.00	0.01				0.01	0.03	0.00	0.03				0.03	1.04
HT Category at 11 KV	5034.36	0.00	5034.36	6.74	1.14	0.00	5042.24	5599.23	0.00	5599.23	3.55	1.04	0.00	5603.82	5733.59
HT-I Industry Segregated	3247.58	0.00	3247.58	4.83	1.14		3253.55	3494.43	0.00	3494.43	2.21	0.70		3497.34	3565.49
HT-I (B) Ferro-Alloys	0.00	0.00	0.00				0.00	0.00	0.00	0.00				0.00	0.00
HT-II - Others	1429.41	0.00	1429.41	1.91	0.00		1431.32	1738.98	0.00	1738.98	1.34	0.34		1740.66	1745.97
HT-III Airports, Railways and Bustations	2.55	0.00	2.55				2.55	5.17	0.00	5.17				5.17	5.19
HT-IVA Lift Irrigation & Agriculture	54.22	0.00	54.22				54.22	33.77	0.00	33.77				33.77	38.38
HT - IV (B) Composite P.W.S Schemes	71.80	0.00	71.80				71.80	68.49	0.00	68.49				68.49	79.15
HT-VI Townships and Residential Colonies	87.28	0.00	87.28				87.28	96.18	0.00	96.18				96.18	107.79
HT-VII Temporary Supply	140.57	0.00	140.57				140.57	160.42	0.00	160.42				160.42	183.17
RESCOs	0.00	0.00	0.00				0.00	0.00	0.00	0.00				0.00	0.00
HT IX-Electric Vehicle Charging Stations	0.96	0.00	0.96				0.96	1.79	0.00	1.79				1.79	8.44
HT Category at 33 KV	3501.83	0.00	3501.83	151.85	44.73	0.00	3698.40	4776.70	0.00	4776.70	127.74	45.25	0.00	4949.69	5226.82
HT-I Industry Segregated	2701.33	0.00	2701.33	147.73	44.61		2893.67	3703.07	0.00	3703.07	123.63	44.03		3870.73	4087.82
HT-I (B) Ferro-Alloys	14.02	0.00	14.02				14.02	19.32	0.00	19.32				19.32	19.70
HT-II - Others	587.78	0.00	587.78	4.13	0.11		592.02	826.97	0.00	826.97	4.11	1.22		832.30	873.56
HT-III Airports, Railways and Bustations	0.00	0.00	0.00				0.00	0.00	0.00	0.00				0.00	0.00
HT-IVA Lift Irrigation & Agriculture	16.95	0.00	16.95				16.95	14.61	0.00	14.61				14.61	15.36
HT - IV (B) Composite P.W.S Schemes	97.64	0.00	97.64				97.64	113.53	0.00	113.53				113.53	119.23
HT-VI Townships and Residential Colonies	57.41	0.00	57.41				57.41	65.00	0.00	65.00				65.00	76.26
HT - Temporary Supply	26.69	0.00	26.69				26.69	34.21	0.00	34.21				34.21	34.89
RESCOs	0.00	0.00	0.00				0.00	0.00	0.00	0.00				0.00	0.00
HT IX-Electric Vehicle Charging Stations	0.00	0.00	0.00				0.00	0.00	0.00	0.00				0.00	0.00
HT Category at 132 KV	3137.20	0.00	3137.20	113.91	33.96	0.00	3285.08	3408.87	0.00	3408.87	77.98	31.19	0.00	3518.04	5927.05
HT-I Industry Segregated	1531.28	0.00	1531.28	105.53	33.96		1670.77	1710.66	0.00	1710.66	77.98	31.19		1819.83	2041.64
HT-I (B) Ferro-Alloys	52.27	0.00	52.27				52.27	80.35	0.00	80.35				80.35	81.95
HT-II - Others	65.87	0.00	65.87	8.38	0.00		74.25	39.75	0.00	39.75				39.75	38.77
HT-III Airports, Railways and Bustations	38.56	0.00	38.56				38.56	53.21	0.00	53.21				53.21	55.89
HT-IVA Lift Irrigation & Agriculture	1192.51	0.00	1192.51				1192.51	1163.51	0.00	1163.51				1163.51	3263.07
HT - IV (C) Composite P.W.S Schemes	106.09	0.00	106.09				106.09	113.93	0.00	113.93				113.93	119.62
HT-V (A) Railway Traction	123.48	0.00	123.48				123.48	191.69	0.00	191.69				191.69	246.90
HT-V (B) HMR	27.15	0.00	27.15				27.15	55.77	0.00	55.77				55.77	79.21
HT-VI Townships and Residential Colonies	0.00	0.00	0.00				0.00	0.00	0.00	0.00				0.00	0.00
HT - Temporary Supply	0.00	0.00	0.00				0.00	0.00	0.00	0.00				0.00	0.00
HT- RESCOs	0.00	0.00	0.00				0.00	0.00	0.00	0.00				0.00	0.00
HT IX-Electric Vehicle Charging Stations	0.00	0.00	0.00				0.00	0.00	0.00	0.00				0.00	0.00
Total	19352.94	0.00	19352.94	272.51	79.83	0.00	19705.27	21820.56	0.00	21820.56	209.27	77.48	0.00	22107.31	25421.76

Revenue from Current Tariffs (Rs. Crs.)	2022-23						2023-24						
	Supply (Regulated Business)		Surcharges (Open Access)		Grid Support Charges	Total Revenue	Retail Supply (Regulated Business)			Surcharges (Open Access)		Grid Support Charges	Total Revenue
	Incentives	Net Revenue	Surcharge	Additional surcharge			Gross Revenue	Incentives	Net Revenue	Surcharge	Additional surcharge		
LT Category	0.00	8534.30	0.00	0.00	0.00	8534.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Category I (A&B) - Domestic	0.00	4625.75				4625.75	0.00	0.00	0.00				0.00
Category II (A,B,C & D) - Non-domestic/Commercial	0.00	2688.72				2688.72	0.00	0.00	0.00				0.00
Category III - Industrial	0.00	711.97				711.97	0.00	0.00	0.00				0.00
Category IV (A&B) - Cottage Industries	0.00	4.48				4.48	0.00	0.00	0.00				0.00
Category V (A&B) - Agriculture	0.00	50.24				50.24	0.00	0.00	0.00				0.00
Category VI (A & B) - Local Bodies, St. Lighting & PWS	0.00	327.32				327.32	0.00	0.00	0.00				0.00
Category VII (A & B) - General Purpose	0.00	43.70				43.70	0.00	0.00	0.00				0.00
Category VIII -Temporary Supply	0.00	81.07				81.07	0.00	0.00	0.00				0.00
Category IX-Electric Vehicle Charging Stations	0.00	1.04				1.04	0.00	0.00	0.00				0.00
HT Category at 11 KV	0.00	5733.59	3.55	1.04	0.00	5738.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HT-I Industry Segregated	0.00	3565.49	2.21	0.70		3568.40	0.00	0.00	0.00				0.00
HT-I (B) Ferro-Alloys	0.00	0.00				0.00	0.00	0.00	0.00				0.00
HT-II - Others	0.00	1745.97	1.34	0.34		1747.65	0.00	0.00	0.00				0.00
HT-III Airports, Railways and Bustations	0.00	5.19				5.19	0.00	0.00	0.00				0.00
HT-IVA Lift Irrigation & Agriculture	0.00	38.38				38.38	0.00	0.00	0.00				0.00
HT - IV (B) Composite P.W.S Schemes	0.00	79.15				79.15	0.00	0.00	0.00				0.00
HT-VI Townships and Residential Colonies	0.00	107.79				107.79	0.00	0.00	0.00				0.00
HT-VII Temporary Supply	0.00	183.17				183.17	0.00	0.00	0.00				0.00
RESCOs	0.00	0.00				0.00	0.00	0.00	0.00				0.00
HT IX-Electric Vehicle Charging Stations	0.00	8.44				8.44	0.00	0.00	0.00				0.00
HT Category at 33 KV	0.00	5226.82	127.74	45.25	0.00	5399.81	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HT-I Industry Segregated	0.00	4087.82	123.63	44.03		4255.48	0.00	0.00	0.00				0.00
HT-I (B) Ferro-Alloys	0.00	19.70				19.70	0.00	0.00	0.00				0.00
HT-II - Others	0.00	873.56	4.11	1.22		878.89	0.00	0.00	0.00				0.00
HT-III Airports, Railways and Bustations	0.00	0.00				0.00	0.00	0.00	0.00				0.00
HT-IVA Lift Irrigation & Agriculture	0.00	15.36				15.36	0.00	0.00	0.00				0.00
HT - IV (B) Composite P.W.S Schemes	0.00	119.23				119.23	0.00	0.00	0.00				0.00
HT-VI Townships and Residential Colonies	0.00	76.26				76.26	0.00	0.00	0.00				0.00
HT - Temporary Supply	0.00	34.89				34.89	0.00	0.00	0.00				0.00
RESCOs	0.00	0.00				0.00	0.00	0.00	0.00				0.00
HT IX-Electric Vehicle Charging Stations	0.00	0.00				0.00	0.00	0.00	0.00				0.00
HT Category at 132 KV	0.00	5927.05	77.98	31.19	0.00	6036.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HT-I Industry Segregated	0.00	2041.64	77.98	31.19		2150.81	0.00	0.00	0.00				0.00
HT-I (B) Ferro-Alloys	0.00	81.95				81.95	0.00	0.00	0.00				0.00
HT-II - Others	0.00	38.77				38.77	0.00	0.00	0.00				0.00
HT-III Airports, Railways and Bustations	0.00	55.89				55.89	0.00	0.00	0.00				0.00
HT-IVA Lift Irrigation & Agriculture	0.00	3263.07				3263.07	0.00	0.00	0.00				0.00
HT - IV (C) Composite P.W.S Schemes	0.00	119.62				119.62	0.00	0.00	0.00				0.00
HT-V (A) Railway Traction	0.00	246.90				246.90	0.00	0.00	0.00				0.00
HT-V (B) HMR	0.00	79.21				79.21	0.00	0.00	0.00				0.00
HT-VI Townships and Residential Colonies	0.00	0.00				0.00	0.00	0.00	0.00				0.00
HT - Temporary Supply	0.00	0.00				0.00	0.00	0.00	0.00				0.00
HT- RESCOs	0.00	0.00				0.00	0.00	0.00	0.00				0.00
HT IX-Electric Vehicle Charging Stations	0.00	0.00				0.00	0.00	0.00	0.00				0.00
Total	0.00	25421.76	209.27	77.48	0.00	25708.51	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Form 5 a
Incentives at current Tariffs
Base Year

Consumer Category	Load Factor Incentives			Remarks
	Data Link	Total		
		No. of consumers	Incentive Amount	
LT Category	Form-7	0	0.00	
Category I (A&B) - Domestic				
Category II (A,B,C & D) - Non-domestic/Commercial				
Category III - Industrial				
Category IV (A & B) - Cottage Industries & Dhobighats				
Category V (A, B & C) - Irrigation and Agriculture				
Category VI (A & B) - Local Bodies, St. Lighting & PWS				
Category VII (A & B) - General Purpose				
Category VIII -Temporary Supply				
Category IX-Electric Vehicle Charging Stations				
HT Category at 11 KV		0	0.00	
HT-I Industry Segregated				
HT-I (B) Ferro-Alloys				
HT-II - Others				
HT-III Aviation activity at Airports				
HT-IV A Lift Irrigation & Agriculture				
HT - IV B Composite P.W.S Schemes				
HT-VI Townships and Residential Colonies				
HT-VII - Temporary Supply				
HT- RESCOs				
HT IX-Electric Vehicle Charging Stations				
HT Category at 33 KV		0	0.00	
HT-I Industry Segregated				
HT-I (B) Ferro-Alloys				
HT-II - Others				
HT-III Aviation activity at Airports				
HT-IV A Lift Irrigation & Agriculture				
HT - IV B Composite P.W.S Schemes				
HT-VI Townships and Residential Colonies				
HT-VII - Temporary Supply				
HT- RESCOs				
HT IX-Electric Vehicle Charging Stations				
HT Category at 132 KV		0	0.00	
HT-I Industry Segregated				
HT-I (B) Ferro-Alloys				
HT-II - Others				
HT-III Aviation activity at Airports				
HT-IV A Lift Irrigation & Agriculture				
HT - IV B Composite P.W.S Schemes				
HT-V Railway Traction				
HT-V (B) HMR				
HT-VI Townships and Residential Colonies				
HT-VII Temporary Supply				
HT- RESCOs				
HT IX-Electric Vehicle Charging Stations				
Total (LT & HT)		0.00	0.00	

Form 5b

Consumers switching to competition

This form refers to Open Access eligible consumers located in the licensee's area of supply and availing supply from other licensees.																
Revenue from Current Tariffs	Base Year								2019-20							
	Number of Consumers switching to competition	Sales (MU)	Connected Load (kW)	Other Customer details (Industry Type etc)	Surcharge	Additional Surcharge	Grid Support Charges	Total Charges	Number of Consumers switching to competition	Sales (MU)	Connected Load (kW)	Other Customer details (Industry Type etc)	Surcharge	Additional Surcharge	Grid Support Charges	Total Charges
LT Category	0	0.00	0.00		0.00	0.00	0.00	0.00	0	0.00	0.00		0.00	0.00	0.00	0.00
Category I (A&B) - Domestic					0.00	0.00	0.00	0.00					0.00	0.00	0.00	0.00
Category II (A,B,C & D) - Non-domestic/Commercial					0.00	0.00	0.00	0.00					0.00	0.00	0.00	0.00
Category III - Industrial					0.00	0.00	0.00	0.00					0.00	0.00	0.00	0.00
Category IV (A&B) - Cottage Industries					0.00	0.00	0.00	0.00					0.00	0.00	0.00	0.00
Category V (A&B) - Agriculture					0.00	0.00	0.00	0.00					0.00	0.00	0.00	0.00
Category VI (A & B) - Local Bodies, St. Lighting & PWS					0.00	0.00	0.00	0.00					0.00	0.00	0.00	0.00
Category VII (A & B) - General Purpose					0.00	0.00	0.00	0.00					0.00	0.00	0.00	0.00
Category VIII -Temporary Supply					0.00	0.00	0.00	0.00					0.00	0.00	0.00	0.00
Category IX-Electric Vehicle Charging Stations					0.00	0.00	0.00	0.00					0.00	0.00	0.00	0.00
HT Category at 11 KV	0	0.00	0.00		5.34	1.21	0.00	6.55	0	0.00	0.00		5.30	1.09	0.00	6.39
HT-I Industry Segregated					5.28	1.18	0.00	6.47					4.77	1.09	0.00	5.87
HT-I (B) Ferro-Alloys					0.00	0.00	0.00	0.00					0.00	0.00	0.00	0.00
HT-II - Others					0.05	0.03	0.00	0.08					0.53	0.00	0.00	0.53
HT-III Airports, Railways and Bustations					0.00	0.00	0.00	0.00					0.00	0.00	0.00	0.00
HT-IVA Lift Irrigation & Agriculture					0.00	0.00	0.00	0.00					0.00	0.00	0.00	0.00
HT - IV (B) Composite P.W.S Schemes					0.00	0.00	0.00	0.00					0.00	0.00	0.00	0.00
HT-VI Townships and Residential Colonies					0.00	0.00	0.00	0.00					0.00	0.00	0.00	0.00
HT-VII Temporary Supply					0.00	0.00	0.00	0.00					0.00	0.00	0.00	0.00
RESCOs					0.00	0.00	0.00	0.00					0.00	0.00	0.00	0.00
HT IX-Electric Vehicle Charging Stations					0.00	0.00	0.00	0.00					0.00	0.00	0.00	0.00
HT Category at 33 KV	0	0.00	0.00		128.21	21.89	0.00	150.10	0	0.00	0.00		4008.46	0.00	4008.46	8016.92
HT-I Industry Segregated					117.83	21.71	0.00	139.54					3045.35	0.00	3045.35	6090.70
HT-I (B) Ferro-Alloys					0.00	0.00	0.00	0.00					18.99	0.00	18.99	37.98
HT-II - Others					10.38	0.18	0.00	10.56					735.81	0.00	735.81	1471.61
HT-III Airports, Railways and Bustations					0.00	0.00	0.00	0.00					0.00	0.00	0.00	0.00
HT-IVA Lift Irrigation & Agriculture					0.00	0.00	0.00	0.00					17.12	0.00	17.12	34.24
HT - IV (B) Composite P.W.S Schemes					0.00	0.00	0.00	0.00					84.31	0.00	84.31	168.62
HT-VI Townships and Residential Colonies					0.00	0.00	0.00	0.00					49.57	0.00	49.57	99.14
HT - Temporary Supply					0.00	0.00	0.00	0.00					57.31	0.00	57.31	114.62
RESCOs					0.00	0.00	0.00	0.00					0.00	0.00	0.00	0.00
HT IX-Electric Vehicle Charging Stations					0.00	0.00	0.00	0.00					0.00	0.00	0.00	0.00
HT Category at 132 KV	0	0.00	0.00		60.99	16.95	0.00	77.94	0	0.00	0.00		82.34	26.00	0.00	108.33
HT-I Industry Segregated					60.99	16.95	0.00	77.94					82.34	26.00	0.00	108.33
HT-I (B) Ferro-Alloys					0.00	0.00	0.00	0.00					0.00	0.00	0.00	0.00
HT-II - Others					0.00	0.00	0.00	0.00					0.00	0.00	0.00	0.00
HT-III Airports, Railways and Bustations					0.00	0.00	0.00	0.00					0.00	0.00	0.00	0.00
HT-IVA Lift Irrigation & Agriculture					0.00	0.00	0.00	0.00					0.00	0.00	0.00	0.00
HT - IV (C) Composite P.W.S Schemes					0.00	0.00	0.00	0.00					0.00	0.00	0.00	0.00
HT-V (A) Railway Traction					0.00	0.00	0.00	0.00					0.00	0.00	0.00	0.00
HT-V (B) HMR					0.00	0.00	0.00	0.00					0.00	0.00	0.00	0.00
HT-VI Townships and Residential Colonies					0.00	0.00	0.00	0.00					0.00	0.00	0.00	0.00
HT - Temporary Supply					0.00	0.00	0.00	0.00					0.00	0.00	0.00	0.00
HT- RESCOs					0.00	0.00	0.00	0.00					0.00	0.00	0.00	0.00
HT IX-Electric Vehicle Charging Stations					0.00	0.00	0.00	0.00					0.00	0.00	0.00	0.00
Total	0	0.00	0.00		194.54	40.05	0.00	234.59	0	0.00	0.00		4096.10	27.09	4008.46	8131.64

Form 5c

The form refers to revenue from Open Access consumers served within or outside area of supply of the licensee
 Consumers to be classified as per their geographical area. Details for each area to be entered in the header in the field Name of Area (yellow cells in headers). Areas may be classified as districts, regions or states or other licensee's area of supply or any other suitable combination.

Base Year

Revenue from Current Tariffs (Rs. Crs.)	Name of Area :	Area 1			Name of Area :	Area 2		
		Number of consumers	Sales (MU)	Average Supply Rate (Rs/kWh)		Amount (In Rs crores)	Number of consumers	Sales (MU)
LT Category		0	0.00		0	0.00		0.00
Category I (A&B) - Domestic								
Category II (A,B,C & D) - Non-domestic/Commercial								
Category III - Industrial								
Category IV (A & B) - Cottage Industries & Dhobighats								
Category V (A&B) - Agriculture								
Category VII (A & B) - General Purpose								
Category VIII -Temporary Supply								
Category IX-Electric Vehicle Charging Stations								
HT Category at 11 KV		0	0.00		0	0.00		0.00
HT-I Industry Segregated								
HT-I (B) Ferro-Alloys								
HT-II - Others								
HT-III Aviation activity at Airports								
HT-IV A Lift Irrigation & Agriculture								
HT - IV B Composite P.W.S Schemes								
HT-VI Townships and Residential Colonies								
HT-VII - Temporary Supply								
HT- RESCOs								
HT IX-Electric Vehicle Charging Stations								
HT Category at 33 KV		0	0.00		0	0.00		0.00
HT-I Industry Segregated								
HT-III Aviation activity at Airports								
HT-IV A Lift Irrigation & Agriculture								
HT - IV B Composite P.W.S Schemes								
HT-VI Townships and Residential Colonies								
HT-VII - Temporary Supply								
HT- RESCOs								
HT IX-Electric Vehicle Charging Stations								
HT Category at 132 KV		0	0.00		0	0.00		0.00
HT-I Industry Segregated								
HT-I (B) Ferro-Alloys								
HT-II - Others								
HT-III Aviation activity at Airports								
HT-IV A Lift Irrigation & Agriculture								
HT - IV B Composite P.W.S Schemes								
HT-V Railway Traction								
HT-V (B) HMR								
HT-VI Townships and Residential Colonies								
HT-VII Temporary Supply								
HT- RESCOs								
HT IX-Electric Vehicle Charging Stations								
Total		0	0.00		0	0.00		0.00

Form 7 Total Revenue at Current Tariff and Charges

Please Note:

Base Year

Consumer Categories	No of consumers	Components of tariff			Relevant sales related data				Full year revenue excluding external subsidy						Incentives (Rs. Crs)	Net Revenue from Tariff (Rs. Crores)	Surcharges		Non - tariff		Total Revenue (Net of incentives) (Rs.Crs)		
		Energy Charges (Rs/kWh) or (Rs/kVAh)	Demand charges (Rs/kVA/Yr)	Demand charges (Rs/HP/Yr)	Energy Sales (MU)	Energy sales (MVAh)	Connected Load/ Contract Demand (MVA)	Connected Load/ Contract Demand (HP)	Energy Charges (Rs Crores)	Demand /Fixed charges (Rs Crores)	Minimum Charges (Rs Crores)	Customer Charges (Rs crores)	Others (Rs Crores)	Gross Tariff Revenue (Rs Crores)			Surcharge (Rs.Crs)	Additional Surcharge (Rs.Crs)	Grid Support Charges (Rs. Crs)	Direct		Apportioned	
LT Total - (Existing Categories)	8244739				24947	0	10506	6725920	6913	259.40	48	403.86	-2	7622.03	0	7622.03	0	0	0	0	30.38	7652	
Category - Domestic (All)	6158298		0.00	0.00	8101.36	0.00	7835.43	0.00	3460.10	0.00	33.94	286.27	-1.43	3778.89	0.00	3778.89	0.00	0.00	0.00	0.00	9.87	3789	
Cat I(A) Domestic - upto 100 units/month	3689626		0.00	0.00	2026.91	0.00	2673.90	0.00	353.98	0.00	33.94	120.53	-1.43	507.02		507.02				0.00	2.47	509	
0 - 50 units	2049911	1.45			1504.52				218.16	0.00	33.94		-1.43	312.17		312.17						312	
51 - 100 units	1639715	2.60			522.39				135.82	0.00		59.03		194.85		194.85						195	
Cat I (B) (i) Domestic ->100 & =200 units/month	1652337		0.00	0.00	2833.21	0.00	2362.69	0.00	1020.69	0.00	0.00	99.14	0.00	1119.83		1119.83				0.00	3.45	1123	
0 - 100 units		3.30			1975.86				652.03	0.00				652.03		652.03						652	
101 - 200 units	1652337	4.30			857.35				368.66	0.00		99.14		467.80		467.80						468	
Cat I (B) (ii) Domestic ->200 units/month	816335		0.00	0.00	3241.24	0.00	2798.83	0.00	2085.43	0.00	0.00	66.61	0.00	2152.04		2152.04				0.00	3.95	2156	
0 - 200 units		5.00			1790.97				895.48	0.00				895.48		895.48						895	
201 - 300 units	490114	7.20			624.91				449.93	0.00		35.29		485.22		485.22						485	
301 - 400 units	155607	8.50			273.16				232.19	0.00		14.94		247.13		247.13						247	
401 - 800 units	130259	9.00			335.35				301.82	0.00		12.50		314.32		314.32						314	
More than 800 units	40355	9.50			216.85				206.01	0.00		3.87		209.88		209.88						210	
Category II (A, B, C & D) - Non-domestic/Commercial	826217			0	2636	0	2473	0	2428	171.62	13	54.25	0	2667.19	0.00	2667.19	0	0	0	0	3.21	2670	
Category II - Non-domestic/Commr (A & B)	822313			0	2632	0	2465	0	2423	171.07	13	53.96	0	2661.35		2661.35					0	3.20	2665
Lt - II (A) Upto 50 units/month	353862		6.00	0	74	0	535	0	44	32.11	13	19.11	0	108.46		108.46					0	108	
0-50 units	353862	6.00	600.00		73.80				44.28	32.11	13.15	19.11	-0.19	108.46		108.46						108	
Lt - II (B) >50 Units/month	468451			0	2558	0	1930	0	2379	138.96	0	34.85	0	2552.88		2552.88					0	2553	
0 - 100 units	140724	7.50	720.00		468.51				351.38	13.91		9.29		374.57		374.57						375	
101 - 300 units	177023	8.90	720.00		453.72				403.81	26.42		13.81		444.04		444.04						444	
301 - 500 units	52003	9.40	720.00		194.31				182.65	13.60		4.06		200.30		200.30						200	
>500 units	98701	10.00	720.00		1441.23				1441.23	85.03		7.70		1533.97		1533.97						1534	
Lt-II (C) Advertising Hoardings	2194	12.00	720.00		3.68		6.08		4.42	0.44		0.18		5.04		5.04					0.00	5	
Lt-II(D) Hair Cutting Salons up to 200 units/month	1710			0	1	0	2	0	1	0.12	0	0.10	0	0.81		0.81				0	0.00	1	
0 - 50 units	905	5.30	720.00		0.68				0.36	0.06		0.05		0.47		0.47						0	
51 - 100 units	575	6.60	720.00		0.25				0.17	0.04		0.04		0.24		0.24						0	
101 - 200 units	230	7.50	720.00		0.08				0.06	0.02		0.02		0.10		0.10						0	
Category III - Industrial	42920		0.00	0.00	969.35	0.00	0.00	1050640.00	645.80	75.65	0.00	16.88	0.17	738.50	0.00	738.50	0.00	0.00	0.00	0.00	0.00	1.18	740
Category III - Industrial	42920		0.00	0.00	969.35	0.00	0.00	1050640.00	645.80	75.65	0.00	16.88	0.17	738.50	0.00	738.50	0.00	0.00	0.00	0.00	0.00	1.18	740
Industrial Normal	40193	6.70	720.00	537.31	916.96				614.36	75.65		16.88	0.17	707.06		707.06						707	
Pisciculture/Prawn culture									0.00	0.00				0.00		0.00						0	
Sugarcane crushing									0.00	0.00				0.00		0.00						0	
Poultry farms		6.00	600.00	447.76	52.39				31.43	0.00		0.00		31.43		31.43						31	
Mushroom & Rabbit Farms	2727								0.00	0.00				0.00		0.00						0	
Seasonal Industries									0.00	0.00				0.00		0.00						0	
Category IV- Cottage Industries	4075		240.00	179.10	9.44	0.00	0.00	20530.00	3.78	0.37	0.00	0.22	0.00	4.36	0.00	4.36	0.00	0.00	0.00	0.00	0.00	0.01	4
Cat -IV(A) - Cottage Indstries	4075	4.00	240.00	179.10	9.44				3.78	0.37		0.22	0.00	4.36		4.36						4	
Cat-IV(B) Agro Based Activity									0.00					0.00		0.00						0	
Category V (A&B) - Agriculture	1115775		0	240	12638	0	0	5522130	1.26	0.01	0	40.10	-1	40.03	0	40.03	0	0	0	0	0	15.39	55
Category V(A) - Agriculture (DSM Mandatory)	1115702		0	0	12637	0	0	5521713	1	0.00	0	40.10	-1	39.80		39.80				0	15.39	55	
Corporate Farmers	1911	2.50			4.14				1.03	0.00			-1.33	-0.30		-0.30						0	
Other than Corporate Farmers	1113791	0.00			12633.08				0.00	0.00		40.10		40.10		40.10						40	
Lt-V(B) Others	73		0	240	1	0	0	416	0	0.01	0	0.00	0	0.23		0.23				0	0.00	0	
Horticulture Nurseries with CL upto 15HP	73	4.00		240.00	0.56				0.22	0.01				0.23		0.23						0	
Category VI - Local Bodies, St. Lighting & PWS	73430			0	497	0	127	132620	298	9.95	0	4.41	1	313.25	0.00	313.25	0.00	0.00	0.00	0.00	0	0.61	314
VI(A) - Street Lighting	46498				268		127	0	178	4.86	0	2.79	1	185.90		185.90				0	0.33	186	
Panchayats	15515	6.10	384.00		106.17		39.63		64.76	1.52		0.93	0.59	67.80		67.80						68	
Municipalities	5361	6.60	384.00		34.60		15.55		22.84	0.60		0.32		23.75		23.75						24	
Corporations	25622	7.10	384.00		126.84		71.45		90.06	2.74		1.54		94.34		94.34						94	
VI(B) - PWS Schemes	26932				230	0	0	132620	121	5.09	0	1.62	0	127.35		127.35				0	0.28	128	
Panchayats	20405	5.00		384.00	182.43			99927.53	91.22	3.84		1.22		96.28		96.28						96	
Municipalities	3653	6.10		384.00	35.97			17299.85															

Category VII A - General Purpose	18153	7.30	252.00		67.64		48.67		49.37	1.23	0.42	1.31	-0.15	52.18		52.18					0.08	52	
Category VII - B Religious Purposes	4043			0	8.08	0.00	4.40	0.00	4	0.11	0	0.29	0	4.76		4.76				0	0.01	5	
CL up to 2 kW	4043	5.40	252.00		8.08		4.40		4.36	0.11		0.29		4.76		4.76						5	
CL above 2 kW		6.00	252.00						0.00	0.00				0.00		0.00						0	
Category VIII-Temporary Supply	1828		252	0	20	0	18	0	22	0	0	0.14	0	22.86	0.00	22.86	0.00	0.00	0.00	0	0.02	23	
All units	1828	11.00	252.00		19.99		18.39		21.99	0.46	0.19	0.14	0.07	22.86		22.86						0.02	23
Category IX-Electric Vehicle Charging Stations	0		0	0	0	0	0	0	0	0.00	0	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0	
All units									0.00	0.00				0.00		0.00						0.00	0
New L T Categories (Total)	0		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0
TOTAL (LT including new categories)	8244739	0.00	0	0	24947.25	0.00	10506.40	6725919.74	6913	259.40	48	403.86	-2	7622.03	0	7622.03	0	0	0	0	0	30.38	7652
HIGH TENSION	9259				15853.36	0.00	5255.25	0.00	10061.52	2148.84	0.00	18.86	-6.53	12222.68	0.00	12222.68	194.54	40.05	0.00	0.00	19.31	12476.58	
HT Category at 11 kV	8611				5568.02	0.00	2363.29	0.00	3931.18	1027.50	0.00	17.41	0.14	4976.22	0.00	4976.22	5.34	1.21	0.00	0.00	6.78	4989.55	
HT-I Indl Segregated	3731	6.65	4680		1196.18				1218.25	795.46	570.14		7.54	1373.15	0.00	1373.15	5.28	1.18			1.46	1381.07	
HT-I Indrl. Time-of-Day Tariff (6 PM to 10 PM)		7.65			588.62					450.29	0.00			450.29		450.29					0.72	451.01	
HT-I Indrl. Time-of-Day Tariff (6 AM to 10 AM)		7.65			535.55					409.70	0.00			409.70		409.70					0.65	410.35	
HT-I Indrl. Time-of-Day Tariff (10 PM to 6 AM)		5.65			1059.43					598.58	0.00			598.58		598.58					1.29	599.87	
HT-I (A) Optional Cat. with CMD upto 150 kVA	696	7.00	960		114.96		85.37		80.47	8.20		1.41		90.08		90.08					0.14	90.22	
Lights & Fans		6.65			0.52				0.34	0.00				0.34		0.34					0.00	0.34	
Poultry Farms	152	6.65	4680		109.01		40.46		72.49	18.94		0.31		91.74		91.74					0.13	91.87	
Poultry Farms Time-of-Day Tariff (6 PM to 10 PM)		7.65							0.00	0.00				0.00		0.00					0.00	0.00	
Poultry Farms Time-of-Day Tariff (6 AM to 10 AM)		7.65							0.00	0.00				0.00		0.00					0.00	0.00	
Poultry Farms Time-of-Day Tariff (10 PM to 6 AM)		5.65							0.00	0.00				0.00		0.00					0.00	0.00	
Colony consumption		6.30			0.93				0.59	0.00				0.59		0.59					0.00	0.59	
Seasonal Industries	113	7.60	4680		49.88		34.77		37.91	16.27		0.23		54.41		54.41					0.06	54.47	
HT - II (B) Ferro-alloys		5.90							0.00	0.00				0.00	0.00	0.00					0.00	0.00	
HT-II -Others	3292	7.80	4680		715.36		790.85		557.98	370.12		6.66		934.75	0.00	934.75	0.05	0.03			0.87	935.71	
HT-II Others - Time-of-Day Tariff (6 PM to 10 PM)		8.80			313.62				275.99	0.00				275.99		275.99					0.38	276.37	
HT-II Others - Time-of-Day Tariff (6 AM to 10 AM)		8.80			202.21				177.94	0.00				177.94		177.94					0.25	178.19	
HT-II Others - Time-of-Day Tariff (10 PM to 6 AM)		6.80			369.86				251.51	0.00				251.51		251.51					0.45	251.96	
HT III: Airports, Bus Stations and Railway Stations	10	7.50	4680		1.63		1.69		1.22	0.79		0.02		2.04	0.00	2.04					0.00	2.04	
HT-III - Aviation Time-of-Day Tariff (6 PM to 10 PM)		8.50			0.94				0.80	0.00				0.80		0.80					0.00	0.80	
HT-III - Aviation Time-of-Day Tariff (6 AM to 10 AM)		8.50			0.61				0.52	0.00				0.52		0.52					0.00	0.52	
HT-III - Aviation Time-of-Day Tariff (10 PM to 6 AM)		6.50			1.62				1.06	0.00				1.06		1.06					0.00	1.06	
HT - IV A Lift Irrigation & Agriculture	140	5.80	1980		50.11		47.94		29.06	9.49		0.28		38.84	0.00	38.84					0.06	38.90	
HT - IV B - CP Water Supply Schemes	127	5.10			71.78		38.39		36.61	0.00		0.26	-0.59	36.28	0.00	36.28					0.09	36.37	
HT-VI - Townships & Colony Supply	141	6.30	720		105.20		56.43		66.28	4.06		0.29		70.62	0.00	70.62					0.13	70.75	
HT - VII - Temporary Supply	209	10.80	6000		79.98		49.15		86.38	29.49		0.42	0.72	117.01	0.00	117.01					0.10	117.11	
HT- RESCOs									0.00	0.00				0.00	0.00	0.00						0.00	0.00
HT IX - Electric Vehicle Charging Stations		6.00							0.00	0.00				0.00	0.00	0.00	0.00	0.00	0.00			0.00	0.00
HT-IX EV - Time-of-Day Tariff (6 PM to 10 PM)		7.00							0.00	0.00				0.00		0.00						0.00	0.00
HT-IX EV - Time-of-Day Tariff (6 AM to 10 AM)		7.00							0.00	0.00				0.00		0.00						0.00	0.00
HT-IX EV - Time-of-Day Tariff (10 PM to 6 AM)		5.00							0.00	0.00				0.00		0.00						0.00	0.00
HT Category at 33 kV	574				5552	0	1570	0	3491.15	687.02	0.00	1.16	-0.60	4178.73	0.00	4178.73	128.21	21.89	0.00	0.00	6.76	4335.60	
HT-I Indl Segregated	366	6.15	4680		1528.06		1110.24		939.76	519.59		0.74	-0.30	1459.79	0.00	1459.79	117.83	21.71			1.86	1601.19	
HT-I Indrl. Time-of-Day Tariff (6 PM to 10 PM)		7.15			847.94				606.28	0.00				606.28		606.28					0.00	606.28	
HT-I Indrl. Time-of-Day Tariff (6 AM to 10 AM)		7.15			660.86				472.51	0.00				472.51		472.51					1.03	473.55	
HT-I Indrl. Time-of-Day Tariff (10 PM to 6 AM)		5.15			1458.31				751.03	0.00				751.03		751.03					0.80	751.83	
Lights & Fans		6.15			0.57				0.35	0.00				0.35		0.35					1.78	2.12	
Poultry Farms	3	6.15	4680		13.46		3.60		8.28	1.69		0.01		9.97		9.97					0.02	9.99	
Poultry Farms Time-of-Day Tariff (6 PM to 10 PM)		7.15							0.00	0.00				0.00		0.00					0.00	0.00	
Poultry Farms Time-of-Day Tariff (6 AM to 10 AM)		7.15							0.00	0.00				0.00		0.00					0.00	0.00	

Poultry Farms Time-of-Day Tariff (10 PM to 6 AM)		5.15					0.00	0.00				0.00	0.00					0.00	0.00		
Colony consumption	2	6.30		3.12			1.97	0.00				1.97	1.97					0.00	1.97		
Seasonal Industries		6.90	4680	3.53		2.55	2.44	1.19	0.00			3.63	3.63					0.00	3.64		
HT - I (B) Ferro-alloys	2	5.50				8.00	21.67	0.00				21.67	0.00	21.67				0.05	21.72		
HT-II -Others	145	7.00	4680	315.27		304.63	220.69	142.57		0.29	-0.30	363.25	0.00	363.25	10.38	0.18		0.38	374.19		
HT-II Others - Time-of-Day Tariff (6 PM to 10 PM)		8.00		164.33			131.46	0.00				131.46	131.46					0.20	131.66		
HT-II Others - Time-of-Day Tariff (6 AM to 10 AM)		8.00		101.51			81.21	0.00				81.21	81.21					0.12	81.33		
HT-II Others - Time-of-Day Tariff (10 PM to 6 AM)		6.00		184.25			110.55	0.00				110.55	110.55					0.22	110.77		
HT III: Airports, Bus Stations and Railway Stations		6.85	4680				0.00	0.00				0.00	0.00	0.00				0.00	0.00		
HT-III - Aviation Time-of-Day Tariff (6 PM to 10 PM)		7.85					0.00	0.00				0.00	0.00					0.00	0.00		
HT-III - Aviation Time-of-Day Tariff (6 AM to 10 AM)		7.85					0.00	0.00				0.00	0.00					0.00	0.00		
HT-III - Aviation Time-of-Day Tariff (10 PM to 6 AM)		5.85					0.00	0.00				0.00	0.00					0.00	0.00		
HT -IV A Lift Irrigation & Agriculture	19	5.80	1980	31.81		42.91	18.45	8.50		0.04		26.98	0.00	26.98				0.04	27.02		
HT- IV B - CP Water Supply Schemes	13	5.10		105.06			53.58	0.00		0.03		53.61	0.00	53.61				0.13	53.73		
HT-VI - Townships & Colony Supply	15	6.30	720	63.57		36.31	40.05	2.61		0.03		42.69	0.00	42.69				0.08	42.77		
HT - VII -Temporary Supply	9	10.00	6000	30.89		18.12	30.89	10.87		0.02		41.78	0.00	41.78				0.04	41.82		
HT- RESCOs							0.00	0.00				0.00	0.00	0.00				0.00	0.00		
HT IX - Electric Vehicle Charging Stations		6.00					0.00	0.00				0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
HT-IX EV - Time-of-Day Tariff (6 PM to 10 PM)		7.00					0.00	0.00				0.00	0.00					0.00	0.00		
HT-IX EV - Time-of-Day Tariff (6 AM to 10 AM)		7.00					0.00	0.00				0.00	0.00					0.00	0.00		
HT-IX EV - Time-of-Day Tariff (10 PM to 6 AM)		5.00					0.00	0.00				0.00	0.00					0.00	0.00		
HT Category at 132 KV	74			4733.41	0.00	1321.85	0.00	2639.19	434.32	0.00	0.29	-6.07	3067.72	0.00	3067.72	60.99	16.95	0.00	0.00	5.76	3151.43
HT-I Indr Segregated	38	5.65	4680	924.04		585.07	522.08	273.81		0.15		796.05	0.00	796.05	60.99	16.95		1.13	875.12		
HT-I Indr. Time-of-Day Tariff (6 PM to 10 PM)		6.65		421.62			280.38	0.00				280.38	280.38					0.00	280.38		
HT-I Indr. Time-of-Day Tariff (6 AM to 10 AM)		6.65		373.37			248.29	0.00				248.29	248.29					0.01	248.30		
HT-I Indr. Time-of-Day Tariff (10 PM to 6 AM)		4.65		889.51			413.62	0.00				413.62	413.62					0.00	413.62		
Lights & Fans		5.65		0.18			0.10	0.00				0.10	0.10					0.51	0.61		
Colony consumption		6.30		5.88			3.70	0.00				3.70	3.70					0.45	4.16		
Seasonal Industries		6.70	4680	0.00			0.00	0.00				0.00	0.00					1.08	1.08		
HT - I (B) Ferro-alloys	2	5.00		186.39		47.00	93.20	0.00				93.20	0.00	93.20				0.23	93.42		
HT-II -Others	5	6.80	4680	23.34		17.37	15.87	8.13		0.02		24.02	0.00	24.02				0.03	24.05		
HT-II Others - Time-of-Day Tariff (6 PM to 10 PM)		7.80		8.53			6.66	0.00				6.66	6.66					0.01	6.67		
HT-II Others - Time-of-Day Tariff (6 AM to 10 AM)		7.80		6.03			4.70	0.00				4.70	4.70					0.01	4.71		
HT-II Others - Time-of-Day Tariff (10 PM to 6 AM)		5.80		11.56			6.71	0.00				6.71	6.71					0.01	6.72		
HT III: Airports, Bus Stations and Railway Stations	1	6.45	4680	23.47		15.00	15.14	7.02		0.00		22.16	0.00	22.16				0.03	22.19		
HT-III - Aviation Time-of-Day Tariff (6 PM to 10 PM)		7.45		13.30			9.91	0.00				9.91	9.91					0.02	9.93		
HT-III - Aviation Time-of-Day Tariff (6 AM to 10 AM)		7.45		9.91			7.38	0.00				7.38	7.38					0.01	7.39		
HT-III - Aviation Time-of-Day Tariff (10 PM to 6 AM)		5.45		24.17			13.17	0.00				13.17	13.17					0.03	13.20		
HT -IV A Lift Irrigation & Agriculture	14	5.80	1980	1469.02		488.91	852.03	96.80		0.06	-6.23	942.66	0.00	942.66				1.79	944.45		
HT- IV B - CP Water Supply Schemes	2	5.10		74.49		64.75	37.99	0.00		0.01		38.00	0.00	38.00				0.09	38.09		
HT-V (A) Railway Traction	8	4.05	4680	215.8		88.00	87.39	41.18		0.03	0.16	128.77	0.00	128.77				0.26	129.03		
HT-V (B) HMR	4	3.95	4680	52.8		15.75	20.87	7.37		0.02		28.26	0.00	28.26				0.06	28.32		
HT-VI - Townships & Colony Supply		6.30	720				0.00	0.00				0.00	0.00	0.00				0.00	0.00		
HT - VII -Temporary Supply		9.80	6000				0.00	0.00				0.00	0.00	0.00				0.00	0.00		
HT- RESCOs							0.00	0.00				0.00	0.00	0.00				0.00	0.00		
HT IX - Electric Vehicle Charging Stations		6.00					0.00	0.00				0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
HT-IX EV - Time-of-Day Tariff (6 PM to 10 PM)		7.00					0.00	0.00				0.00	0.00	0.00				0.00	0.00		

VI(A) - Street Lighting	69024			258	0	163	0	172	6.28	0	6.17	0.21	184.81		184.81			0	0.22	185.03		
Panchayats	34132	6.10	384.00	89.44		66.37		54.56	2.55	0.03	2.63	0.21	59.98		59.98				0.08	60.06		
Municipalities	8631	6.60	384.00	42.70		23.14		28.18	0.89	0.07	1.52		30.66		30.66				0.04	30.70		
Corporations	26261	7.10	384.00	125.72		73.98		89.26	2.84	0.05	2.02		94.17		94.17				0.11	94.28		
VI(B) - PWS Schemes	36280			226	0	0	0	161360	120	6.20	0	2.18	0	127.99		127.99		0	0.19	128.19		
Panchayats	27971	5.00	384.00	171.78			120255.93	85.89	4.62		1.68		92.19		92.19				0.15	92.33		
Municipalities	5367	6.10	384.00	43.35			25309.21	26.44	0.97		0.32		27.74		27.74				0.04	27.77		
Corporations	2942	6.60	384.00	11.04			15794.86	7.29	0.61		0.18		8.07		8.07				0.01	8.08		
Category VII (A&B) - General & Religious	22934			0	77	0	59	0	54	1.48	0.28	1.65	-0.10	57.70	0.00	57.70	0.00	0.00	0.00	0	0.07	57.76
Category VII A - General Purpose	18901	7.30	252.00	68.70		54.18		50.15	1.37	0.28	1.36	-0.10	53.06		53.06					0.06	53.12	
Category VII - B Religious Purposes	4033			0	8			4	0.12	0	0.29	0	4.64		4.64				0	0.01	4.64	
CL up to 2 KW	4033	5.40	252.00	7.83		4.70		4.23	0.12	0.00	0.29		4.64		4.64					0.01	4.64	
CL above 2 KW	0	6.00	252.00					0.00					0.00		0.00					0.00	0.00	
Category VIII-Temporary Supply	4272		252	0	43	0	38	0	47	0.95	0	0.33	-0.01	48.43	0.00	48.43	0.00	0.00	0.00	0	0.04	48.47
All units	4272	11.00	252.00	42.87		37.65		47.16	0.95		0.33	-0.01	48.43		48.43					0.04	48.47	
Category IX-Electric Vehicle Charging Stations	3		0	0	0	0	0	0	0	0	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	
All units	3	6.00				0.00		0.00	0.00		0.00		0.00		0.00					0.00	0.00	
New LT Categories (Total)	0		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00				0.00	0.00	0.00	
TOTAL (LT including new categories)	8741688	0.00	0	0	23722.47	0	11621	7097790	7357	290.50	56	449.03	-4	8148.32	0	8148.32	0	0	0	0	20.42	8168.74
HIGH TENSION	9675			16629.75	0.00	4375.65	0.00	10528.96	1794.26	0.00	19.70	2.11	12345.03	0.00	12345.03	213.60	66.17	0.00	0.00	14.32	12639.12	
HT Category at 11 KV	9052			5868.36	0.00	1937.40	0.00	4152.17	852.92	0.00	18.30	7.35	5030.74	0.00	5030.74	5.30	1.09	0.00	0.00	5.05	5042.19	
HT-I Indl Segregated	3770.00	6.65	4680.00	1211.80		1007.35		805.84	471.44		7.62	-0.01	1284.90	0.00	1284.90	4.77	1.09	0.00		1.04	1291.81	
HT-I Indl. Time-of-Day Tariff (6 PM to 10 PM)		7.65		590.62				451.82	0.00				451.82		451.82					0.51	452.33	
HT-I Indl. Time-of-Day Tariff (6 AM to 10 AM)		7.65		562.54				430.34	0.00				430.34		430.34					0.48	430.83	
HT-I Indl. Time-of-Day Tariff (10 PM to 6 AM)		5.65		1084.45				612.71	0.00				612.71		612.71					0.93	613.65	
HT-I (A) Optional Cat. with CMD upto 150 kVA	796.00	7.00	960.00	139.46		69.56		97.62	6.68		1.61	5.34	111.24		111.24					0.12	111.36	
Lights & Fans		6.65		0.68				0.45	0.00				0.45		0.45					0.00	0.45	
Poultry Farms	159.00	6.65	4680.00	36.61		34.73		24.35	16.25		0.32		40.92		40.92					0.03	40.95	
Poultry Farms Time-of-Day Tariff (6 PM to 10 PM)		7.65		20.09				15.37	0.00				15.37		15.37					0.02	15.39	
Poultry Farms Time-of-Day Tariff (6 AM to 10 AM)		7.65		17.98				13.75	0.00				13.75		13.75					0.02	13.77	
Poultry Farms Time-of-Day Tariff (10 PM to 6 AM)		5.65		33.74				19.06	0.00				19.06		19.06					0.03	19.09	
Colony consumption		6.30		0.73				0.46	0.00				0.46		0.46					0.00	0.46	
Seasonal Industries	144.00	7.60	4680.00	68.28		39.99		51.89	18.72		0.29		70.90		70.90					0.06	70.96	
HT - I (B) Ferro-alloys		5.90		0.00				0.00	0.00				0.00	0.00	0.00					0.00	0.00	
HT-II -Others	3500.00	7.80	4680.00	750.97		638.01		585.76	298.59		7.08	0.76	892.18	0.00	892.18	0.53	0.00	0.00		0.65	893.36	
HT-II Others - Time-of-Day Tariff (6 PM to 10 PM)		8.80		331.59				291.80	0.00				291.80		291.80					0.29	292.08	
HT-II Others - Time-of-Day Tariff (6 AM to 10 AM)		8.80		233.82				205.76	0.00				205.76		205.76					0.20	205.96	
HT-II Others - Time-of-Day Tariff (10 PM to 6 AM)		6.80		401.99				273.35	0.00				273.35		273.35					0.35	273.70	
HT-III: Airports, Bus Stations and Railway Stations	10.00	7.50	4680.00	1.18		1.37		0.88	0.64		0.02		1.54	0.00	1.54				0.00	0.00	1.54	
HT-III - Aviation Time-of-Day Tariff (6 PM to 10 PM)		8.50		1.02				0.86	0.00				0.86		0.86					0.00	0.87	
HT-III - Aviation Time-of-Day Tariff (6 AM to 10 AM)		8.50		0.52				0.44	0.00				0.44		0.44					0.00	0.44	
HT-III - Aviation Time-of-Day Tariff (10 PM to 6 AM)		6.50		1.62				1.06	0.00				1.06		1.06					0.00	1.06	
HT -IV A Lit Irrigation & Agriculture	137.00	5.80	1980.00	50.81		31.50		29.47	6.24		0.28	-0.09	35.89	0.00	35.89				0.00	0.04	35.94	
HT -IV B - CP Water Supply Schemes	133.00	5.10		104.05		34.04		53.07	0.00		0.27	-0.25	53.08	0.00	53.08				0.00	0.09	53.17	
HT-VI - Townships & Colony Supply	156.00	6.30	720.00	121.17		25.73		76.34	1.85		0.32		78.51	0.00	78.51				0.00	0.10	78.61	
HT - VII -Temporary Supply	245.00	10.80	6000.00	100.22		54.20		108.24	32.52		0.50	1.60	142.85	0.00	142.85				0.00	0.09	142.94	
HT- RESCOs								0.00	0.00				0.00	0.00	0.00				0.00	0.00	0.00	
HT IX - Electric Vehicle Charging Stations	2.00	6.00		0.00	2.44	0.92		1.46	0.00		0.00		1.46	0.00	1.46				0.00	0.00	1.47	
HT-IX EV - Time-of-Day Tariff (6 PM to 10 PM)		7.00						0.00	0.00				0.00		0.00				0.00	0.00	0.00	

HT-IX EV - Time-of-Day Tariff (6 AM to 10 AM)		7.00						0.00	0.00				0.00	0.00				0.00	0.00		
HT-IX EV - Time-of-Day Tariff (10 PM to 6 AM)		5.00						0.00	0.00				0.00	0.00				0.00	0.00		
HT Category at 33 kV	549.00		0.00	5488.92	0.00	1266.40	0.00	3451.58	561.01	0.00	1.11	-5.24	4008.46	0.00	4008.46	125.97	39.08	0.00	0.00	4.73	4178.23
HT-I Indl Segregated	348	6.15	4680	1394.08		922.00		857.36	431.50	0.00	0.70		1289.56	0.00	1289.56	122.68	38.92	0.00		1.20	1452.36
HT-I Indl. Time-of-Day Tariff (6 PM to 10 PM)		7.15		736.69				526.73	0.00				526.73		526.73					0.63	527.37
HT-I Indl. Time-of-Day Tariff (6 AM to 10 AM)		7.15		654.54				468.00	0.00				468.00		468.00					0.56	468.56
HT-I Indl. Time-of-Day Tariff (10 PM to 6 AM)		5.15		1456.07				749.88	0.00				749.88		749.88					1.25	751.13
Lights & Fans		6.15		0.00				0.00	0.00				0.00		0.00					0.00	0.00
Poultry Farms	2	6.15	4680	0	3.36		2.55	2.07	1.19		0.00		3.26		3.26					0.00	3.27
Poultry Farms Time-of-Day Tariff (6 PM to 10 PM)		7.15		1.76				1.26	0.00				1.26		1.26					0.00	1.26
Poultry Farms Time-of-Day Tariff (6 AM to 10 AM)		7.15		1.51				1.08	0.00				1.08		1.08					0.00	1.08
Poultry Farms Time-of-Day Tariff (10 PM to 6 AM)		5.15		3.37				1.74	0.00				1.74		1.74					0.00	1.74
Colony consumption		6.30		2.11				1.33	0.00				1.33		1.33					0.00	1.33
Seasonal Industries	2	7	4680	0	1.73		2.82	1.19	1.32		0.00		2.52		2.52					0.00	2.52
HT - I(B) Ferro-alloys	2	5.50		44.05		7.54		24.23	0.00		0.00	-5.24	18.99	0.00	18.99			0.00		0.04	19.03
HT-II -Others	141	7.00	4680	361.72		233.66		253.20	109.35		0.29		362.84	0.00	362.84	3.29	0.16	0.00		0.31	366.60
HT-II Others - Time-of-Day Tariff (6 PM to 10 PM)		8.00		173.57				138.86	0.00				138.86		138.86					0.15	139.00
HT-II Others - Time-of-Day Tariff (6 AM to 10 AM)		8.00		132.94				106.35	0.00				106.35		106.35					0.11	106.47
HT-II Others - Time-of-Day Tariff (10 PM to 6 AM)		6.00		212.93				127.76	0.00				127.76		127.76					0.18	127.94
HT-III: Airports, Bus Stations and Railway Stations		6.85	4680	0.00				0.00	0.00		0.00		0.00	0.00	0.00			0.00		0.00	0.00
HT-III - Aviation Time-of-Day Tariff (6 PM to 10 PM)		7.85		0.00				0.00	0.00				0.00		0.00					0.00	0.00
HT-III - Aviation Time-of-Day Tariff (6 AM to 10 AM)		7.85		0.00				0.00	0.00				0.00		0.00					0.00	0.00
HT-III - Aviation Time-of-Day Tariff (10 PM to 6 AM)		5.85		0.00				0.00	0.00				0.00		0.00					0.00	0.00
HT -IV A Lift Irrigation & Agriculture	19	5.80	1980	20.29		26.84		11.77	5.31		0.04		17.12	0.00	17.12			0.00		0.02	17.14
HT -IV B - CP Water Supply Schemes	13	5.10		165.26		36.67		84.28	0.00		0.03		84.31	0.00	84.31			0.00		0.14	84.45
HT-VI - Townships & Colony Supply	17	6.30	720	76.84		15.65		48.41	1.13		0.03		49.57	0.00	49.57			0.00		0.07	49.64
HT - VII -Temporary Supply	5	10.00	6000	46.10		18.67		46.10	11.20		0.01		57.31	0.00	57.31			0.00		0.04	57.35
HT- RESCOs	0			0.00				0.00	0.00				0.00	0.00	0.00			0.00		0.00	0.00
HT IX - Electric Vehicle Charging Stations	0	6.00		0.00				0.00	0.00				0.00	0.00	0.00			0.00		0.00	0.00
HT-IX EV - Time-of-Day Tariff (6 PM to 10 PM)		7.00						0.00	0.00				0.00		0.00					0.00	0.00
HT-IX EV - Time-of-Day Tariff (6 AM to 10 AM)		7.00						0.00	0.00				0.00		0.00					0.00	0.00
HT-IX EV - Time-of-Day Tariff (10 PM to 6 AM)		5.00						0.00	0.00				0.00		0.00					0.00	0.00
HT Category at 132 kV	74			5272.47	0.00	1171.85	0.00	2925.20	380.33	0.00	0.29	0.00	3305.83	0.00	3305.83	82.34	26.00	0.00	0.00	4.54	3418.70
HT-I Indl Segregated	37	5.65	4680	771.85		479.01		436.10	224.17		0.15		660.42	0.00	660.42	82.34	26.00	0.00		0.66	769.42
HT-I Indl. Time-of-Day Tariff (6 PM to 10 PM)		6.65		412.70				274.45	0.00				274.45		274.45					0.36	274.80
HT-I Indl. Time-of-Day Tariff (6 AM to 10 AM)		6.65		370.06				246.09	0.00				246.09		246.09					0.32	246.41
HT-I Indl. Time-of-Day Tariff (10 PM to 6 AM)		4.65		953.66				443.45	0.00				443.45		443.45					0.82	444.27
Lights & Fans		5.65		0.19				0.11	0.00				0.11		0.11					0.00	0.11
Colony consumption		6.30		5.06				3.19	0.00				3.19		3.19					0.00	3.19
Seasonal Industries		6.70	4680	0.00				0.00	0.00				0.00		0.00					0.00	0.00
HT - I(B) Ferro-alloys	2	5.00		194.67		37.55		97.34	0.00		0.00		97.34	0.00	97.34			0.00		0.17	97.50
HT-II -Others	4	6.80	4680	25.08		16.44		17.05	7.69		0.02		24.76	0.00	24.76			0.00		0.02	24.78
HT-II Others - Time-of-Day Tariff (6 PM to 10 PM)		7.80		7.88				6.15	0.00				6.15		6.15					0.01	6.15
HT-II Others - Time-of-Day Tariff (6 AM to 10 AM)		7.80		7.65				5.96	0.00				5.96		5.96					0.01	5.97
HT-II Others - Time-of-Day Tariff (10 PM to 6 AM)		5.80		12.16				7.05	0.00				7.05		7.05					0.01	7.06

HT-III: Airports, Bus Stations and Railway Stations	1	6.45	4680		28.16		13.24		18.17	6.20		0.00		24.37	0.00	24.37			0.00	0.02	24.39	
HT-III - Aviation Time-of-Day Tariff (6 PM to 10 PM)		7.45			16.55				12.33	0.00				12.33		12.33				0.01	12.34	
HT-III - Aviation Time-of-Day Tariff (6 AM to 10 AM)		7.45			12.80				9.53	0.00				9.53		9.53				0.01	9.54	
HT-III - Aviation Time-of-Day Tariff (10 PM to 6 AM)		5.45			29.23				15.93	0.00				15.93		15.93					0.03	15.95
HT-IV A Lift Irrigation & Agriculture	15	5.80	1980		1878.94		467.61		1089.79	92.59		0.06		1182.43	0.00	1182.43			0.00	1.62	1184.05	
HT-IV B - CP Water Supply Schemes	2	5.10			212.17		51.85		108.21	0.00		0.01		108.21	0.00	108.21			0.00	0.18	108.40	
HT-V (A) Railway Traction	9	4.05	4680		252.65		89.93		102.32	42.09		0.04		144.45	0.00	144.45			0.00	0.22	144.67	
HT-V (B) HMR	4	3.95	4680		81.01		16.22		32.00	7.59		0.02		39.61	0.00	39.61			0.00	0.07	39.68	
HT-VI - Townships & Colony Supply		6.30	720		0.00				0.00	0.00				0.00	0.00	0.00			0.00	0.00	0.00	
HT - VII - Temporary Supply		9.80	6000		0.00				0.00	0.00				0.00	0.00	0.00			0.00	0.00	0.00	
HT- RESCOs					0.00				0.00	0.00				0.00	0.00	0.00			0.00	0.00	0.00	
HT IX - Electric Vehicle Charging Stations		6.00			0.00				0.00	0.00				0.00	0.00	0.00			0.00	0.00	0.00	
HT-IX EV - Time-of-Day Tariff (6 PM to 10 PM)		7.00							0.00	0.00				0.00		0.00				0.00	0.00	
HT-IX EV - Time-of-Day Tariff (6 AM to 10 AM)		7.00							0.00	0.00				0.00		0.00				0.00	0.00	
HT-IX EV - Time-of-Day Tariff (10 PM to 6 AM)		5.00							0.00	0.00				0.00		0.00				0.00	0.00	
TOTAL (LT + HT)	8751363				40352.22	0.00	15996.84	7097790	17886.36	2084.77	55.76	468.72	-2.26	20493.35	0.00	20493.35	213.60	66.17	0.00	0.00	34.74	20807.86

2020-21

29,979

Consumer Categories	No of consumers	Components of tariff			Relevant sales related data				Full year revenue excluding external subsidy						Incentives (Rs. Crs)	Surcharges			Non - tariff		Total Revenue (Net of incentives) (Rs. Crs)		
		Energy Charges (Rs/kWh) or (Rs/kVAh)	Demand charges (Rs/kVA/Yr)	Demand charges (Rs/HP/Yr)	Energy Sales (MU)	Energy sales (MVAh)	Connected Load/ Contract Demand (MVA)	Connected Load/ Contract Demand (HP)	Energy Charges (Rs Crores)	Demand /Fixed charges (Rs Crores)	Minimum Charges (Rs Crores)	Customer Charges (Rs crores)	Others (Rs Crores)	Gross Tariff Revenue (Rs Crores)		Surcharge (Rs.Crs)	Additional Surcharge (Rs. Crs)	Grid Support Charges (Rs. Crs)	Direct	Proportion			
LT Total - (Existing Categories)	8859316				24367.51	0.00	12447.12	7347399.85	6851	305	87.04	438.75	-2.16	7679.54	0	7679.54	0	0	0	0	0	18.93	7698
Category- Domestic (All)	6569806		0.00	0.00	8912.13	0.00	9301.48	0.00	3842.87	0.00	57.49	310.89	-0.85	4210.40	0.00	4210.40	0.00	0.00	0.00	0.00	6.92	4217	
Cat I(A) Domestic - upto 100 units/month	3848002		0.00	0.00	1967.61	0.00	3489.08	0.00	346.66	0.00	57.49	125.52	0.00	529.68		529.68				0.00	1.53	531	
0 - 50 units	2167445	1.45			1434.05		1972.33		207.94	0.00	55.28	65.02		328.24		328.24					1.11	329	
51 - 100 units	1680557	2.60			533.56		1516.74		138.73	0.00	2.21	60.50		201.44		201.44					0.41	202	
Cat I (B) (i) Domestic- >100 & ≤200 units/month	1732373		0.00	0.00	3059.59	0.00	2670.82	0.00	1100.33	0.00	0.00	103.94	0.00	1204.27		1204.27				0.00	2.38	1207	
0 - 100 units		3.30			2152.90				710.46	0.00				710.46		710.46					1.67	712	
101 - 200 units	1732373	4.30			906.69		2670.82		389.88	0.00		103.94		493.82		493.82					0.70	495	
Cat I (B) (ii) Domestic- >200 units/month	989431		0.00	0.00	3884.94	0.00	3141.58	0.00	2395.87	0.00	0.00	81.42	-0.85	2476.45		2476.45				0.00	3.02	2479	
0 - 200 units		5.00			2441.45				1220.72	0.00				1220.72		1220.72					1.90	1223	
201 - 300 units	565025	7.20			667.31		1439.63		480.47	0.00		40.68	-0.85	520.30		520.30					0.52	521	
301 - 400 units	189724	8.50			273.74		682.43		232.68	0.00		18.21		250.89		250.89					0.21	251	
401 - 800 units	197826	9.00			306.24		728.55		275.62	0.00		18.99		294.61		294.61					0.24	295	
More than 800 units	36856	9.50			196.20		290.97		186.39	0.00		3.54		189.93		189.93					0.15	190	
Category II (A, B, C & D) - Non-domestic/Commercial	914059			0	2194.70	0	2860.64	0	2001.90	196.94	27.25	59.13	0	2285.28	0.00	2285.28	0	0	0	0	1.71	2287	
Category II - Non-domestic/Commr (A & B)	910154			0	2191.53	0	2853.02	0	1998.67	196.39	26.76	58.85	0	2280.73		2280.73				0	1.70	2282	
LI - II (A) Upto 50 units/month	429614				73.98	0	752.49	0	44.39	45.15	26.76	23.20	0	139.50		139.50				0	0.06	140	
0-50 units	429614	6.00	600.00		73.98		752.49		44.39	45.15	26.76	23.20		139.50		139.50					0.06	140	
LI - II (B) >50 Units/month	480540				2117.55	0	2101	0	1954.28	151.24	0.00	35.65	0	2141.24		2141.24				0	1.65	2143	
0-100 units	152656	7.50	720.00		409.40		448.44		307.05	32.29	10.08	0.07		349.48		349.48					0.32	350	
101-300 units	185616	8.90	720.00		439.71		215.17		391.34	15.49	14.48			421.31		421.31					0.34	422	
301-500 units	50830	9.40	720.00		209.08		240.94		196.54	17.35	3.96			217.85		217.85					0.16	218	

Lights & Fans		6.65		0.28		0.19	0.00			0.19	0.19				0.00	0.19					
Poultry Farms	179	6.65	4680	39.97	45.89	26.58	21.48	0.36		48.42	48.42				0.03	48.45					
Poultry Farms Time-of-Day Tariff (6 PM to 10 PM)		7.65		20.91		15.99	0.00			15.99	15.99				0.02	16.01					
Poultry Farms Time-of-Day Tariff (6 AM to 10 AM)		7.65		18.96		14.51	0.00			14.51	14.51				0.01	14.52					
Poultry Farms Time-of-Day Tariff (10 PM to 6 AM)		5.65		35.02		19.79	0.00			19.79	19.79				0.03	19.81					
Colony consumption		6.30		0.95		0.60	0.00			0.60	0.60				0.00	0.60					
Seasonal Industries	151	7.60	4680	61.33	45.33	46.61	21.21	0.31		68.13	68.13				0.05	68.18					
HT - I (B) Ferro-alloys		5.90		0.00		0.00	0.00			0.00	0.00	0.00	0.00	0.00	0.00	0.00					
HT-II -Others	3500	7.80	4680	478.20	820.98	372.99	384.22	7.08	107.09	871.38	0.00	871.38	1.91	0.00	0.00	873.67					
HT-II Others - Time-of-Day Tariff (6 PM to 10 PM)		8.80		221.79		195.17	0.00			195.17	195.17				0.17	195.34					
HT-II Others - Time-of-Day Tariff (6 AM to 10 AM)		8.80		176.16		155.02	0.00			155.02	155.02				0.14	155.16					
HT-II Others - Time-of-Day Tariff (10 PM to 6 AM)		6.80		305.63		207.83	0.00			207.83	207.83				0.24	208.07					
HT-III: Airports, Bus Stations and Railway Stations	10	7.50	4680	0.45	1.69	0.34	0.79	0.02		1.15	0.00	1.15	0.00	0.00	0.00	1.15					
HT-III - Aviation Time-of-Day Tariff (6 PM to 10 PM)		8.50		0.57		0.49	0.00			0.49	0.49				0.00	0.49					
HT-III - Aviation Time-of-Day Tariff (6 AM to 10 AM)		8.50		0.29		0.25	0.00			0.25	0.25				0.00	0.25					
HT-III - Aviation Time-of-Day Tariff (10 PM to 6 AM)		6.50		1.03		0.67	0.00			0.67	0.67				0.00	0.67					
HT-IV A Lift Irrigation & Agriculture	137	5.80	1980	76.63	47.98	44.45	9.50	0.28		54.22	0.00	54.22	0.00	0.00	0.00	54.28					
HT-IV B - CP Water Supply Schemes	133	5.10		140.26	39.64	71.53	0.00	0.27		71.80	0.00	71.80	0.00	0.00	0.00	71.91					
HT-VI - Townships & Colony Supply	156	6.30	720	129.30	76.44	81.46	5.50	0.32		87.28	0.00	87.28	0.00	0.00	0.00	87.38					
HT - VII - Temporary Supply	245	10.80	6000	93.13	65.81	100.58	39.49	0.50	0.00	140.57	0.00	140.57	0.00	0.00	0.00	140.64					
HT- RESCOs						0.00				0.00	0.00	0.00	0.00	0.00	0.00	0.00					
HT IX - Electric Vehicle Charging Stations	2	6.00		1.60	2.60	0.96	0.00			0.96	0.00	0.96	0.00	0.00	0.00	0.96					
HT-IX EV - Time-of-Day Tariff (6 PM to 10 PM)		7.00				0.00				0.00	0.00				0.00	0.00					
HT-IX EV - Time-of-Day Tariff (6 AM to 10 AM)		7.00				0.00				0.00	0.00				0.00	0.00					
HT-IX EV - Time-of-Day Tariff (10 PM to 6 AM)		5.00				0.00				0.00	0.00				0.00	0.00					
						0.00				0.00	0.00				0.00	0.00					
HT Category at 33 kV	554			4540.55	0.00	1558.75	0.00	2824.21	676.51	0.00	1.11	0.00	3501.83	0.00	3501.83	151.85	44.73	0.00	0.00	3.53	3701.93
HT-I Indr Segregated	357	6.15	4680.00	1131.59	1081.55	695.93	506.17	0.72		1202.82	0.00	1202.82	147.73	44.61	0.00	0.88	1396.03				
HT-I IndrI. Time-of-Day Tariff (6 PM to 10 PM)		7.15		596.07		426.19	0.00			426.19	426.19				0.46	426.65					
HT-I IndrI. Time-of-Day Tariff (6 AM to 10 AM)		7.15		574.57		410.81	0.00			410.81	410.81				0.45	411.26					
HT-I IndrI. Time-of-Day Tariff (10 PM to 6 AM)		5.15		1232.11		634.54	0.00			634.54	634.54				0.96	635.49					
HT-I HMWSSB	4	3.95	4680.00	30.13	8.15	11.90	3.81			15.72	15.72				0.02	15.74					
Lights & Fans		6.15		0.11		0.07	0.00			0.07	0.07				0.00	0.07					
Poultry Farms	2	6.15	4680.00	3.11	3.15	1.91	1.47	0.00		3.39	3.39				0.00	3.39					
Poultry Farms Time-of-Day Tariff (6 PM to 10 PM)		7.15		1.71		1.22	0.00			1.22	1.22				0.00	1.22					
Poultry Farms Time-of-Day Tariff (6 AM to 10 AM)		7.15		1.34		0.96	0.00			0.96	0.96				0.00	0.96					
Poultry Farms Time-of-Day Tariff (10 PM to 6 AM)		5.15		3.22		1.66	0.00			1.66	1.66				0.00	1.66					
Colony consumption		6.30		1.90		1.20	0.00			1.20	1.20				0.00	1.20					
Seasonal Industries	2	6.90	4680.00	1.73	3.35	1.19	1.57	0.00		2.76	2.76				0.00	2.77					
HT - I (B) Ferro-alloys	1	5.50		25.49	4.00	14.02	0.00			14.02	0.00	14.02	4.13	0.11	0.00	0.02					
HT-II -Others	132	7.00	4680.00	240.11	309.43	168.08	144.82	0.27		313.16	0.00	313.16			0.19	313.35					
HT-II Others - Time-of-Day Tariff (6 PM to 10 PM)		8.00		115.66		92.53	0.00			92.53	92.53				0.09	92.62					
HT-II Others - Time-of-Day Tariff (6 AM to 10 AM)		8.00		99.25		79.40	0.00			79.40	79.40				0.08	79.47					
HT-II Others - Time-of-Day Tariff (10 PM to 6 AM)		6.00		171.17		102.70	0.00			102.70	102.70				0.13	102.83					

Consumer Categories	No of consumers	Components of tariff			Relevant sales related data				Full year revenue excluding external subsidy						Incentives (Rs. Crs)	Net Revenue from Tariff (Rs. Crores)	Surcharges			Non - tariff		Total Revenue (Net of incentives) (Rs.Crs)		
		Energy Charges (Rs/kWh) or (Rs/kVAh)	Demand charges (Rs/kVA/Yr)	Demand charges (Rs/HP/Yr)	Energy Sales (MU)	Energy sales (MVAh)	Connected Load/ Contract Demand (MVA)	Connected Load/ Contract Demand (HP)	Energy Charges (Rs Crores)	Demand /Fixed charges (Rs Crores)	Minimum Charges (Rs Crores)	Customer Charges (Rs crores)	Others (Rs Crores)	Gross Tariff Revenue (Rs Crores)			Surcharge (Rs.Crs)	Additional Surcharge (Rs.Crs)	Grid Support Charges (Rs. Crs)	Direct	Proportion			
LT Total - (Existing Categories)	988923				24872	0	13542	7706176	7260	298	0	476.79	0	8035.76	0	8035.76	0	0	0	0	0	0	18	8054
Category - Domestic (All)	7207938		0.00	0.00	9236.94	0.00	10154.25	0.00	3994.57	0.00	0.00	337.95	0.00	4332.52	0.00	4332.52	0.00	0.00	0.00	0.00	0.00	6.79	4339	
Cat (A) Domestic - upto 100 units/month	4103259		0.00	0.00	2121.51	0.00	4148.85	0.00	371.82	0.00	0.00	127.41	0.00	499.23		499.23					0.00	1.56	501	
0 - 50 units	2251996	1.45			1563.25		2349.66		226.67	0.00		63.84		290.51		290.51						1.15	292	
51 - 100 units	1851263	2.60			558.26		1799.19		145.15	0.00		63.57		208.72		208.72						0.41	209	
Cat (B) (i) Domestic - >100 & ≤200 units/month	2068060		0.00	0.00	3199.02	0.00	3088.01	0.00	1151.93	0.00	0.00	121.08	0.00	1273.00		1273.00					0.00	2.35	1275	
0 - 100 units		3.30			2236.55				738.06	0.00		0.00		738.06		738.06						1.64	740	
101 - 200 units	2068060	4.30			962.48		3088.01		413.87	0.00		121.08		534.94		534.94						0.71	536	
Cat (B) (ii) Domestic - >200 units/month	1036619		0.00	0.00	3916.40	0.00	2917.39	0.00	2470.82	0.00	0.00	89.46	0.00	2560.28		2560.28					0.00	2.88	2563	
0 - 200 units		5.00			2288.49				1144.24	0.00		0.00		1144.24		1144.24						1.68	1146	
201 - 300 units	668084	7.20			742.10		1523.61		534.31	0.00		48.64		582.95		582.95						0.55	583	
301 - 400 units	206509	8.50			313.04		612.66		266.08	0.00		21.78		287.86		287.86						0.23	288	
401 - 800 units	135965	9.00			359.13		781.12		323.21	0.00		16.02		339.23		339.23						0.26	339	
More than 800 units	26061	9.50			213.65				202.97	0.00		3.02		205.99		205.99						0.16	206	
Category II (A, B, C & D) - Non-domestic/Commercial	930073		6360	0	2480	0	3064	0	2254	210	0	58.92	0	2523.36	0.00	2523.36	0	0	0	0	0	1.82	2525	
Category II - Non-domestic/Commr (A & B)	925999		3480	0	2475	0	3056	0	2250	210	0	58.64	0	2517.97		2517.97					0	1.82	2520	
L1 - II (A) Upto 50 units/month	477338		600	0	88	0	879	0	53	53	0	24.23	0	129.73		129.73					0	0.06	130	
0-50 units	477338	6.00	600.00		87.96		878.69		52.77	52.72		24.23		129.73		129.73						0.06	130	
L1 - II (B) >50 Units/month	448661		2880	0	2368	0	2176	0	2197	157	0	34.40	0	2388.24		2388.24					0	1.75	2390	
0 - 100 units	153090	7.50	720.00		498.68		257.64		374.00	18.55		10.09		402.64		402.64						0.37	403	
101 - 300 units	172558	8.90	720.00		484.23		496.17		413.16	35.72		13.97		462.86		462.86						0.34	463	
301 - 500 units	45063	9.40	720.00		245.62		235.38		230.89	16.95		3.74		251.57		251.57						0.18	252	
Above 500 units	77950	10.00	720.00		1179.00		1188.41		1179.00	85.57		6.61		1271.17		1271.17						0.87	1272	
LT-II (C) Advertising Hoardings	1816	12.00	720.00		3.11		5.73		3.73	0.41		0.16		4.30		4.30						0.00	4	
LT-II(D) Hair Cutting Salons up to 200 units/month	2258		2160	0	1	0	2		1	0	0	0.13	0	1.09		1.09					0	0.00	1	
0 - 50 units	1226	5.30	720.00		0.97		1.20		0.52	0.09		0.07		0.67		0.67						0.00	1	
51 - 100 units	716	6.60	720.00		0.32		0.76		0.21	0.05		0.04		0.30		0.30						0.00	0	
101 - 200 units	316	7.50	720.00		0.09		0.41		0.07	0.03		0.02		0.12		0.12						0.00	0	
Category III - Industrial	45409		1320.00	0.00	908.23	0.00	0.00	1330989.59	606.51	71.52	0.00	17.33	0.00	695.36	0.00	695.36	0.00	0.00	0.00	0.00	0.00	0.67	696	
Category III - Industrial	45409		1320.00	0.00	908.23	0.00	0.00	1330989.59	606.51	71.52	0.00	17.33	0.00	695.36		695.36					0.00	0.67	696	
Industrial Normal	41958	6.70	720.00		870.95			1330937.91	583.53	71.51		16.01		671.06		671.06						0.64	672	
Pisciculture/Prawn culture									0.00	0.00				0.00		0.00						0.00	0	
Sugarcane crushing									0.00	0.00				0.00		0.00						0.00	0	
Mushroom & Rabbit Farms									0.00	0.00				0.00		0.00						0.00	0	
Poultry Farms	3451	6.00	600.00		38.28			51.68	22.97	0.002		1.32		24.30		24.30						0.03	24	
Seasonal Industries									0.00	0.00				0.00		0.00						0.00	0	
Category IV - Cottage Industries	4521		240.00	0.00	9.57	0.00	0.00	17473.32	3.83	0.31	0.00	0.24	0.00	4.38	0.00	4.38	0.00	0.00	0.00	0.00	0.00	0.01	4	
Cat -IV(A) - Cottage Industries	4521	4.00	240.00		9.57			17473.32	3.83	0.31		0.24		4.38		4.38						0.01	4	
Cat-IV(B) Agro Based Activity									0.00	0.00				0.00		0.00						0.00	0	
Category V (A&B) - Agriculture	1221301		0	0	11648	0	0	6198700	6	0	0	43.42	0	49.02	0	49.02	0	0	0	0	0	8.56	58	
Category V(A) - Agriculture (DSM Mandatory)	1221198		0	0	11647	0	0	6198266	5	0	0	43.42	0	48.77		48.77					0	8.56	57	
Corporate Farmers	1898	2.50			21.39			10648.82	5.35	0.00		0.07		5.42		5.42						0.02	5	

Other than Corporate Farmers	1219300	0.00			11625.65			6187616.75	0.00	0.00		43.35		43.35		43.35				8.54	52	
LT-(B) Others	103	0	0	1	0	0	434	0	0	0	0	0.00	0	0.25	0.25	0	0	0	0	0.00	0	
Horticulture Nurseries with CL upto 15HP	103	4.00		0.60			434.43	0.24	0.01			0.00		0.25		0.25				0.00	0	
Category VI - Local Bodies, St. Lighting & PWS	447948		1152	1152	464	0	177	159013	280	13	0	16.59	0	309.38	0.00	309.38	0.00	0.00	0.00	0	0.34	310
VI(A) - Street Lighting	306262		1152	0	238	0	177	0	160	7	0	11.34	0	177.89		177.89				0	0.17	178
Panchayats	143437	6.10	384.00		69.90		64.93		42.64	2.49		5.31		50.44		50.44					0.05	50
Municipalities	45849	6.60	384.00		40.14		29.24		26.49	1.12		1.70		29.31		29.31					0.03	29
Corporations	116976	7.10	384.00		127.62		83.05		90.61	3.19		4.33		98.13		98.13					0.09	98
VI(B) - PWS Schemes	141686		0	1152	226	0	0	159013	120	6	0	5.25	0	131.49		131.49				0	0.17	132
Panchayats	102785	5.00		384.00	167.69			111105.59	83.85	4.27		3.81		91.92		91.92					0.12	92
Municipalities	25060	6.10		384.00	44.92			29481.63	27.40	1.13		0.93		29.46		29.46					0.03	29
Corporations	13841	6.80		384.00	13.47			18425.50	8.89	0.71		0.51		10.11		10.11					0.01	10
Category VII (A&B) - General & Religious	23688		756	0	56	0	68	0	39	2	0	1.69	0	42.75	0.00	42.75	0.00	0.00	0.00	0	0.04	43
Category VII A - General Purpose	19605	7.30	252.00		48.45				35.37	1.58		1.40		38.34		38.34					0.04	38
Category VII - B Religious Purposes	4083		504	0	7	0	6	0	4	0	0	0.29	0	4.40		4.40				0	0.01	4
CL up to 2 kW	4083	5.40	252.00		7.35		5.62		3.97	0.14		0.29		4.40		4.40					0.01	4
CL above 2 kW		6.00	252.00						0.00					0.00		0.00					0.00	0
Category VIII-Temporary Supply	9012		252	0	69	0	77	0	76	2	0	0.65	0	78.98	0.00	78.98	0.00	0.00	0.00	0	0.05	79
All units	9012	11.00	252.00		69.45		76.82		76.40	1.94		0.65		78.98		78.98					0.05	79
Category IX-Electric Vehicle Charging Stations	33		0	0	0	0	1	0	0	0	0	0.00	0	0.03	0.00	0.03	0.00	0.00	0.00	0	0.00	0
All units	33	6.00			0.04		0.69		0.03	0.00		0.00		0.03		0.03					0.00	0
New L Y Categories (Total)	0		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0
TOTAL (LT including new categories)	9889923	0.00	0	0	24872	0	13541.50	7706176	7260	298	0	476.79	0	8035.76	0	8035.76	0	0	0	0	18	8054
HIGH TENSION	10478				18043.54	0.00	7358.25	0.00	11193.01	2570.91	0.00	20.88	0.00	13784.80	0.00	13784.80	209.27	77.48	0.00	0.00	13.25	14084.80
HT Category at 11 kV	9803				6227.41	0.00	2871.12	0.00	4374.35	1205.48	0.00	19.40	0.00	5599.23	0.00	5599.23	3.55	1.04	0.00	0.00	4.57	5608.39
HT-I Indr. Segregated	3756	6.65	4680.00		1254.32		1416.92		834.12	663.12		7.57		1504.82	0.00	1504.82	2.21	0.70	0.00		0.92	1508.65
HT-I Indr. Time-of-Day Tariff (6 PM to 10 PM)		7.65			644.88				493.33	0.00				493.33		493.33					0.47	493.80
HT-I Indr. Time-of-Day Tariff (6 AM to 10 AM)		7.65			615.39				470.77	0.00				470.77		470.77					0.45	471.23
HT-I Indr. Time-of-Day Tariff (10 PM to 6 AM)		5.65			1189.75				672.21	0.00				672.21		672.21					0.87	673.08
HT-I (A) Optional Cat. with CMD upto 150 kVA	1009	7.00	960.00		180.81		140.46		126.57	13.48		1.95		142.00		142.00					0.13	142.13
Lights & Fans		6.65			0.53				0.35	0.00				0.35		0.35					0.00	0.35
Poultry Farms	186	6.65	4680.00		43.94		53.31		29.22	24.95		0.37		54.54		54.54					0.03	54.57
Poultry Farms Time-of-Day Tariff (6 PM to 10 PM)		7.65			23.74				18.16	0.00				18.16		18.16					0.02	18.18
Poultry Farms Time-of-Day Tariff (6 AM to 10 AM)		7.65			21.32				16.31	0.00				16.31		16.31					0.02	16.33
Poultry Farms Time-of-Day Tariff (10 PM to 6 AM)		5.65			39.00				22.04	0.00				22.04		22.04					0.03	22.07
Colony consumption		6.30			1.05				0.66	0.00				0.66		0.66					0.00	0.66
Seasonal Industries	162	7.60	4680.00		83.18		53.50		63.22	13.77		0.32		77.31		77.31					0.06	77.37
HT-I HMWSSB	50	3.95	4680.00		39.18		13.59		15.47	6.36		0.10		21.94		21.94					0.03	21.98
HT - I (B) Ferro-alloys	0	5.90			0.00				0.00	0.00				0.00	0.00	0.00					0.00	0.00
HT-II -Others	3821	7.80	4680.00		674.02		928.32		525.73	434.45		7.51		967.70	0.00	967.70	1.34	0.34	0.00		0.50	969.88
HT-II Others - Time-of-Day Tariff (6 PM to 10 PM)		8.80			322.49				283.79	0.00				283.79		283.79					0.24	284.03
HT-II Others - Time-of-Day Tariff (6 AM to 10 AM)		8.80			239.79				211.01	0.00				211.01		211.01					0.18	211.19
HT-II Others - Time-of-Day Tariff (10 PM to 6 AM)		6.80			406.58				276.47	0.00				276.47		276.47					0.30	276.77
HT-III: Airports, Bus Stations and Railway Stations	11	7.50	4680.00		1.35		1.86		1.01	0.87		0.02		1.91	0.00	1.91	0.00	0.00	0.00		0.00	1.91
HT-III - Aviation Time-of-Day Tariff (6 PM to 10 PM)		8.50			1.41				1.19					1.19		1.19					0.00	1.20
HT-III - Aviation Time-of-Day Tariff (6 AM to 10 AM)		8.50			0.71				0.61					0.61		0.61					0.00	0.61
HT-III - Aviation Time-of-Day Tariff (10 PM to 6 AM)		6.50			2.26				1.47					1.47		1.47					0.00	1.47
HT-IV A Lift Irrigation & Agriculture	133	5.80	1980.00		49.76		52.03		28.86	4.64		0.27		33.77	0.00	33.77	0.00	0.00	0.00		0.04	33.80
HT-IV B - CP Water Supply Schemes	149	5.10			133.74		41.85		68.21	0.00				68.49	0.00	68.49	0.00	0.00	0.00		0.10	68.59
HT-VI - Townships & Colony Supply	187	6.30	720.00		141.99		88.37		89.46	6.36		0.26		96.18	0.00	96.18	0.00	0.00	0.00		0.10	96.28
HT - VII - Temporary Supply	336	10.80	6000.00		113.25		78.08		122.31	37.48		0.64		160.42	0.00	160.42	0.00	0.00	0.00		0.08	160.51
HT - RESCOs									0.00					0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00
HT IX - Electric Vehicle Charging Stations	3	6.00	0.00		2.98		2.84		1.79	0.00		0.01		1.79	0.00	1.79	0.00	0.00	0.00		0.00	1.80

HT-IX EV - Time-of-Day Tariff (6 PM to 10 PM)		7.00					0.00					0.00		0.00					0.00	0.00	
HT-IX EV - Time-of-Day Tariff (6 AM to 10 AM)		7.00					0.00					0.00		0.00					0.00	0.00	
HT-IX EV - Time-of-Day Tariff (10 PM to 6 AM)		5.00					0.00					0.00		0.00					0.00	0.00	
HT Category at 33 kV	593			6282.71	0.00	1953.19	0.00	3926.13	849.42	0.00	1.16	0.00	4776.70	0.00	4776.70	127.74	45.25	0.00	0.00	4.62	4954.31
HT-I Indr Segregated	375	6.15	4680.00	1735.22		1358.65		1067.16	635.85		0.74		1703.74	0.00	1703.74	123.63	44.03	0.00	0.00	1.27	1872.68
HT-I Indr. Time-of-Day Tariff (6 PM to 10 PM)		7.15		821.47				587.35					587.35		587.35					0.60	587.95
HT-I Indr. Time-of-Day Tariff (6 AM to 10 AM)		7.15		790.87				565.47					565.47		565.47					0.58	566.06
HT-I Indr. Time-of-Day Tariff (10 PM to 6 AM)		5.15		1573.08				810.13					810.13		810.13					1.16	811.29
Lights & Fans		6.15		0.35				0.22					0.22		0.22					0.00	0.22
Poultry Farms	2	6.15	4680.00	2.99		3.64		1.84	1.71		0.00		3.55		3.55					0.00	3.55
Poultry Farms Time-of-Day Tariff (6 PM to 10 PM)		7.15		1.65				1.18					1.18		1.18					0.00	1.18
Poultry Farms Time-of-Day Tariff (6 AM to 10 AM)		7.15		1.27				0.91					0.91		0.91					0.00	0.91
Poultry Farms Time-of-Day Tariff (10 PM to 6 AM)		5.15		3.12				1.61					1.61		1.61					0.00	1.61
Colony consumption		6.30		1.98				1.25					1.25		1.25					0.00	1.25
Seasonal Industries	1	6.90	4680.00	1.50		1.79		1.04	0.46		0.00		1.50		1.50	0.00	0.00	0.00	0.00	0.00	1.50
HT-I HMWSSB	4	3.95	4680.00	52.31		11.74		20.66	5.49		0.01		26.16		26.16					0.04	26.20
HT - I (B) Ferro-alloys	1	5.50		35.12		4.37		19.31	0.00		0.00		19.32	0.00	19.32	4.11	1.22	0.00	0.00	0.03	24.67
HT-II -Others	142	7.00	4680.00	358.39		405.14		250.87	189.61		0.28		440.76	0.00	440.76					0.26	441.02
HT-II Others - Time-of-Day Tariff (6 PM to 10 PM)		8.00		172.37				137.90					137.90		137.90					0.13	138.02
HT-II Others - Time-of-Day Tariff (6 AM to 10 AM)		8.00		138.27				110.62					110.62		110.62					0.10	110.72
HT-II Others - Time-of-Day Tariff (10 PM to 6 AM)		6.00		229.49				137.69					137.69		137.69					0.17	137.86
HT-III: Airports, Bus Stations and Railway Stations	0	6.85	4680.00	0.00		0.00		0.00	0.00		0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HT-III - Aviation Time-of-Day Tariff (6 PM to 10 PM)		7.85		0.00				0.00					0.00		0.00					0.00	0.00
HT-III - Aviation Time-of-Day Tariff (6 AM to 10 AM)		7.85		0.00				0.00					0.00		0.00					0.00	0.00
HT-III - Aviation Time-of-Day Tariff (10 PM to 6 AM)		5.85		0.00				0.00					0.00		0.00					0.00	0.00
HT -IV A LRT Irrigation & Agriculture	20	5.80	1980.00	17.93		46.84		10.40	4.17		0.04		14.61	0.00	14.61	0.00	0.00	0.00	0.00	0.01	14.63
HT - IV B - CP Water Supply Schemes	22	5.10	0.00	222.54		47.76		113.50	0.00		0.04		113.53	0.00	113.53	0.00	0.00	0.00	0.00	0.16	113.69
HT-VI - Townships & Colony Supply	22	6.30	720.00	96.66		56.45		60.89	4.06		0.04		65.00	0.00	65.00	0.00	0.00	0.00	0.00	0.07	65.07
HT - VII - Temporary Supply	4	10.00	6000.00	26.13		16.81		26.13	8.07		0.01		34.21	0.00	34.21	0.00	0.00	0.00	0.00	0.02	34.23
HT- RESCOs								0.00					0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HT IX - Electric Vehicle Charging Stations		6.00	0.00					0.00					0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HT-IX EV - Time-of-Day Tariff (6 PM to 10 PM)		7.00						0.00					0.00		0.00					0.00	0.00
HT-IX EV - Time-of-Day Tariff (6 AM to 10 AM)		7.00						0.00					0.00		0.00					0.00	0.00
HT-IX EV - Time-of-Day Tariff (10 PM to 6 AM)		5.00						0.00					0.00		0.00					0.00	0.00
HT Category at 132 kV	82			5533.43	0.00	2533.94	0.00	2892.54	516.01	0.00	0.32	0.00	3408.87	0.00	3408.87	77.98	31.19	0.00	0.00	4.06	3522.10
HT-I Indr Segregated	28	5.65	4680.00	436.00		438.78		246.34	205.35		0.12		451.81	0.00	451.81	77.98	31.19	0.00	0.00	0.32	561.30
HT-I Indr. Time-of-Day Tariff (6 PM to 10 PM)		6.65		339.85				226.00					226.00		226.00					0.25	226.25
HT-I Indr. Time-of-Day Tariff (6 AM to 10 AM)		6.65		336.94				224.06					224.06		224.06					0.25	224.31
HT-I Indr. Time-of-Day Tariff (10 PM to 6 AM)		4.65		652.71				303.51					303.51		303.51					0.48	303.99
Lights & Fans		5.65		0.20				0.11					0.11		0.11					0.00	0.11
Colony consumption		6.30		5.24				3.30					3.30		3.30					0.00	3.30
Seasonal Industries		6.70	4680.00	0.00				0.00					0.00		0.00					0.00	0.00
HT-I HMWSSB	5	3.95	4680.00	1120.31		126.76		442.52	59.33		0.02		501.87		501.87					0.82	502.69
HT - I (B) Ferro-alloys	1	5.00	0.00	160.68		27.51		80.34	0.00		0.00		80.35	0.00	80.35	0.00	0.00	0.00	0.00	0.12	80.46
HT-II -Others	4	6.80	4680.00	20.44		18.63		13.90	8.72		0.02		22.64	0.00	22.64	0.00	0.00	0.00	0.00	0.02	22.65
HT-II Others - Time-of-Day Tariff (6 PM to 10 PM)		7.80		6.85				5.35					5.35		5.35					0.01	5.35
HT-II Others - Time-of-Day Tariff (6 AM to 10 AM)		7.80		7.03				5.48					5.48		5.48					0.01	5.49
HT-II Others - Time-of-Day Tariff (10 PM to 6 AM)		5.80		10.84				6.29					6.29		6.29					0.01	6.29
HT-III: Airports, Bus Stations and Railway Stations	1	6.45	4680.00	23.24		12.01		14.99	5.62		0.00		20.61	0.00	20.61	0.00	0.00	0.00	0.00	0.02	20.63
HT-III - Aviation Time-of-Day Tariff (6 PM to 10 PM)		7.45		14.40				10.73					10.73		10.73					0.01	10.74

LT-V(B) Others	103	0	0	1	0	0	434	0	0	0	0.00	0	0.24				0	0.00	0			
Horticulture Nurseries with CL upto 15HP	103	4.00		0.57			434.43	0.23	0.01		0.00		0.24					0.00	0			
Category VI - Local Bodies, St. Lighting & PWS	494903		1152	1152	473	0	186	166911	285	14	0	28.29	0	327.32	0.00	327.32	0.00	0.00	0.00	0	0.32	328
VI(A) - Street Lighting	338365		1152	0	242	0	186	0	163	7	0	19.34	0	189.42				0	0.16	0		
Panchayats	158472	6.10	384.00		71.30		68.16		43.49			9.06		55.16					0.05	0		
Municipalities	50655	6.60	384.00		40.95		30.69		27.02			2.90		31.10					0.03	0		
Corporations	129238	7.10	384.00		130.17		87.17		92.42			3.35		103.16					0.09	0		
VI(B) - PWS Schemes	156538		0	1152	231	0	0	166911	123	6	0	8.95	0	137.90				0	0.16	0		
Panchayats	113559	5.00		384.00	171.04			116624.64	85.52	4.48		6.49		96.49					0.12	0		
Municipalities	27687	6.10		384.00	45.82			30946.09	27.95	1.19		1.58		30.72					0.03	0		
Corporations	15292	6.60		384.00	13.74			19340.76	9.07	0.74		0.87		10.68					0.01	0		
Category VII (A&B) - General & Religious	23984		756	0	57	0	74	0	40	2	0	1.72	0	43.70	0.00	43.70	0.00	0.00	0.00	0	0.04	44
Category VII A - General Purpose	19850	7.30	252.00		49.42		67.50		36.08	1.70		1.42		39.20						0.03	0	
Category VII - B Religious Purposes	4134		504	0	7	0	6	0	4	0	0	0.30	0	4.50					0	0.01	0	
CL up to 2 kW	4134	5.40	252.00		7.50		6.06		4.05	0.15		0.30		4.50						0.01	0	
CL above 2 kW		6.00	252.00						0.00	0.00				0.00						0.00	0	
Category VIII-Temporary Supply	21017		252	0	71	0	78	0	78	2	0	1.17	0	81.07	0.00	81.07	0.00	0.00	0.00	0	0.05	81
All units	21017	11.00	252.00		70.84		78.36		77.93	1.97		1.17		81.07						0.05	0	
Category IX-Electric Vehicle Charging Stations	56		0	0	2	0	2	0	1	0	0	0.00	0	1.04	0.00	1.04	0.00	0.00	0.00	0	0.00	1
All units	56	6.00			1.74		1.84		1.04	0.00		0.00		1.04						0.00	0	
New LT Categories (Total)	0		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0
TOTAL (LT including new categories)	10443380	0.00	0	0	25246	0	14783	8011029	7707	322	0	505.78	0	8534.30	0	8534.30	0	0	0	0	17	8551
HIGH TENSION	11009				23576.68	0.00	8809.93	0.00	14465.41	2400.15	0.00	21.90	0.00	16887.46	0.00	16887.46	209.27	77.48	0.00	0.00	15.98	17190.20
HT Category at 11 KV	10289				6665.24	0.00	3054.84	0.00	4678.55	1034.73	0.00	20.31	0.00	5733.59	0.00	5733.59	3.55	1.04	0.00	0.00	4.52	5742.70
HT-I Indl Segregated	3890	6.65	4680.00		1337.60		1492.31		889.51	558.72		7.73		1455.96	0.00	1455.96	2.21	0.70		0.91	1459.78	
HT-I Indrl. Time-of-Day Tariff (6 PM to 10 PM)		7.65			687.70				526.09	0.00				526.09		526.09				0.47	526.55	
HT-I Indrl. Time-of-Day Tariff (6 AM to 10 AM)		7.65			656.25				502.03	0.00				502.03		502.03				0.44	502.48	
HT-I Indrl. Time-of-Day Tariff (10 PM to 6 AM)		5.65			1268.75				716.84	0.00				716.84		716.84				0.86	717.70	
HT-I (A) Optional Cat. with CMD upto 150 kVA	1045	7.00	960.00		192.81		147.93		134.97	11.36		2.08		148.41		148.41				0.13	148.54	
Lights & Fans		6.65			0.57				0.38	0.00				0.38		0.38				0.00	0.38	
Poultry Farms	193	6.65	4680.00		46.35		56.14		30.83	21.02		0.38		52.23		52.23				0.03	52.26	
Poultry Farms Time-of-Day Tariff (6 PM to 10 PM)		7.65			25.04				19.16	0.00				19.16		19.16				0.02	19.18	
Poultry Farms Time-of-Day Tariff (6 AM to 10 AM)		7.65			22.50				17.21	0.00				17.21		17.21				0.02	17.23	
Poultry Farms Time-of-Day Tariff (10 PM to 6 AM)		5.65			41.15				23.25	0.00				23.25		23.25				0.03	23.28	
Colony consumption		6.30			1.12				0.71	0.00				0.71		0.71				0.00	0.71	
Seasonal Industries	168	7.60	4680.00		88.71		56.34		67.42	14.50	0.33			82.25		82.25				0.06	82.31	
HT-I HMIWSSB	51	3.95	4680.00		39.96		13.59		15.78	5.09	0.10			20.98		20.98				0.03	21.00	
HT - II (B) Ferro-alloys		5.90							0.00	0.00				0.00	0.00	0.00				0.00	0.00	
HT-II -Others	4042	7.80	4680.00		714.46		970.07		557.28	363.19		7.95		928.42	0.00	928.42	1.34	0.34		0.48	930.58	
HT-II Others - Time-of-Day Tariff (6 PM to 10 PM)		8.80			341.84				300.82	0.00				300.82		300.82				0.23	301.05	
HT-II Others - Time-of-Day Tariff (6 AM to 10 AM)		8.80			254.17				223.67	0.00				223.67		223.67				0.17	223.85	
HT-II Others - Time-of-Day Tariff (10 PM to 6 AM)		6.80			430.97				293.06	0.00				293.06		293.06				0.29	293.35	
HT-III: Airports, Bus Stations and Railway Stations	11	7.50	4680.00		1.41		1.86		1.06	0.70		0.02		1.78	0.00	1.78				0.00	1.78	
HT-III - Aviation Time-of-Day Tariff (6 PM to 10 PM)		8.50			1.47				1.25	0.00				1.25		1.25				0.00	1.25	
HT-III - Aviation Time-of-Day Tariff (6 AM to 10 AM)		8.50			0.74				0.63	0.00				0.63		0.63				0.00	0.63	
HT-III - Aviation Time-of-Day Tariff (10 PM to 6 AM)		6.50			2.35				1.53	0.00				1.53		1.53				0.00	1.53	
HT - IV A Lift Irrigation & Agriculture	134	5.80	1980.00		57.51		53.36		33.36	4.75		0.27		38.38	0.00	38.38				0.04	38.42	
HT- IV B - CP Water Supply Schemes	169	5.10			154.57		49.15		78.83	0.00		0.32		79.15	0.00	79.15				0.10	79.26	
HT-VI - Townships & Colony Supply	210	6.30	720.00		158.63		103.49		99.94	7.45		0.40		107.79	0.00	107.79				0.11	107.90	
HT - VII - Temporary Supply	348	10.80	6000.00		124.57		99.87		134.54	47.94		0.69		183.17	0.00	183.17				0.08	183.25	
HT- RESCOs									0.00					0.00	0.00	0.00				0.00	0.00	
HT IX - Electric Vehicle Charging Stations	28	6.00	0.00		14.02		10.71		8.41	0.00			0.03	8.44	0.00	8.44				0.01	8.45	
HT-IX EV - Time-of-Day Tariff (6 PM to 10 PM)		7.00							0.00	0.00				0.00		0.00				0.00	0.00	
HT-IX EV - Time-of-Day Tariff (6 AM to 10 AM)		7.00							0.00	0.00				0.00		0.00				0.00	0.00	
HT-IX EV - Time-of-Day Tariff (10 PM to 6 AM)		5.00							0.00	0.00				0.00		0.00				0.00	0.00	
HT Category at 33 KV	626				7156.42	0.00	2147.83	0.00	4472.62	752.98	0.00	1.23	0.00	5226.82	0.00	5226.82	127.74	45.25	0.00	0.00	4.85	5404.67
HT-I Indl Segregated	378	6.15	4680.00		2309.76		1519.69		1420.50	568.97		0.76		1990.23	0.00	1990.23	123.63	44.03		1.57	2159.46	
HT-I Indrl. Time-of-Day Tariff (6 PM to 10 PM)		7.15			862.54				616.72	0.00				616.72		616.72				0.58	617.30	
HT-I Indrl. Time-of-Day Tariff (6 AM to 10 AM)		7.15			830.42				593.75	0.00				593.75		593.75				0.56	594.31	
HT-I Indrl. Time-of-Day Tariff (10 PM to 6 AM)		5.15			1651.73				850.64	0.00												

Form 8

Revenue Deficit / Surplus at Current Tariffs and Charges

Items of Revenue Deficit/Surplus (Rs. Crs.)	Detail Links	Base Year	2019-20	2020-21	2021-22	2022-23	2023-24
Aggregate Revenue Requirement (Rs. Crs.)	Form 1	27633.84	27584.43	27429.73	30544.20	34870.18	0.00
Total Revenue		20128.99	20807.86	19735.25	22138.84	25741.61	0.00
Revenue from Current Tariffs (Net of incentives) (Rs. Crs.)	Form 5	20079.30	20773.12	19705.27	22107.31	25708.51	0.00
Non - Tariff Income (Rs. Crs.)	Form 6'	49.69	34.74	29.98	31.52	33.10	0.00
Revenue from Trading (Rs. Crs.)	Form 1.4 b	0.00	0.00	0.00	0.00	0.00	0.00
Revenue Deficit (-) / Surplus(+) at Current Tariffs (Rs. Crs.)		-7504.85	-6776.57	-7694.47	-8405.36	-9128.57	0.00

Form 9 Revenue Deficit / Surplus and Proposed Adjustments

	Items of Revenue Deficit/ Surplus (Rs. Crs.)	Detail Links	Base Year	2019-20	2020-21	2021-22	2022-23	2023-24
A	Aggregate Revenue Requirement	Form 1	27633.84	27584.43	27429.73	30544.20	34870.18	0.00
B	Revenue from Current Tariffs (Net of incentives) (Rs. Crs.)	Form 5	20079.30	20773.12	19705.27	22107.31	25708.51	0.00
C	Non - Tariff Income (Rs. Crs.)	Form 6'	49.69	34.74	29.98	31.52	33.10	0.00
D	Revenue from Trading	Form 1.4 b	0.00	0.00	0.00	0.00	0.00	0.00
E	Revenue Deficit(-) / Surplus(+) at Current Tariff		-7504.85	-6776.57	-7694.47	-8405.36	-9128.57	0.00
F	Revenue changed through proposed tariff							
G	External subsidy available / contracted		1,149.98	1,172.56	1,397.50	1,397.50	1,397.50	
H	Any other means of adjustments							
	Additional Support required from Govt.							
	Net Deficit / Surplus		-6354.87	-5604.01	-6296.97	-7007.86	-7731.07	0.00

9 ANNEXURE- III

COST OF SUPPLY FORMATS

Company Name	TSSPDCL
Filing Date (dd/mm/yy)	
Multi Year Tariff Period	FY 2019-24
Year of ARR filing	FY 2022-23
Data Type	CoS Inputs

S. No.	Title	Form No.
1	New Consumer Categories	Form 1
2	ARR -Retail Supply Business	Form 2
3	Percentage Cost Allocation	Form 3
4	Cost Allocation Factors	Form 4
5	Transmission Contracts	Form 5
6	Percentage Losses	Form 6
7	Classification of Asset Base	Form 7

Form 2 Aggregate Revenue Requirement for Retail Supply Business

Revenue Requirement Item		FY2022-23				Remarks		
		Amount (Rs crores)	Cost Allocation					
			Demand	Energy	Customer			
1	Transmission Cost	2383.64	2383.64	0.00	0.00			
2	SLDC Cost	31.67	31.67	0.00	0.00			
3	Distribution Cost	4,671	4,007	0.00	663.52			
4	PGCIL Expenses	1157.73	1157.73	0.00	0.00			
5	ULDC Charges	0.00	0.00					
6	Network and SLDC Cost (1+2+3+4+5)	8243.77	7580.26	0.00	663.52			
7	Power Purchase / Procurement Cost	26,411	11,195	15216.33	0.00			
8	Interest on Consumer Security Deposits	174.75	-	174.75	0.00			
9	Supply Margin in Retail Supply Business	37.65	-	0.00	37.65			
10	Other Costs, if any	-	-	0.00	0.00			
11	Supply Cost (7+8+9+10)	26623.60	11194.87	15391.08	37.65			
12	Aggregate Revenue Requirement (6+11)	34867.37	18775.13	15391.08	701.16			

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Form 3

Particulars	FY2022-23				Remarks		
	Amount (Rs crores)	% allocation			FY2018-19	FY2019-20	FY2022-23
		Demand	Energy	Customer			
Total Power Purchase Cost	26411.20						
Fixed Cost	11,121	100%	0%	0%			
Variable Cost	15,216	0%	100%	0%			
Incentive							
Income Tax							
Others	74	100.00%	-	-			
Interest on Consumer Security Deposits	175	-	100.00%	-			
Supply Margin in Retail Supply Business	38	-	-	100.00%			
Other Costs, if any	-	-	100.00%	-			
Total Supply Cost	26623.60						

Form 4

Distribution Factor

FY 2022-23

Consumer Category	Sales		Number of Consumers	Load (MVA / MW) HP Converted to MVA Approved	Commercial Loss				FACTORS			Cost allocation (Rs Cr)	Cost to Serve (Rs/ kWh)	Remarks
	Energy MU	Capacity MW			Commercial Loss %	Non- coincident Demand %	Coincident Demand Morning %	Coincident Demand Evening %	Class Load Factor	Class Coincidence Factor - Morning	Class Coincidence Factor - Evening			
LT Category	25246.12	20759.36	10443380	20759.36	86.17%	72.83%	85.08%	85.08%				21035.48	8.33	
Category I Domestic	9,883.5	11,085	7620954	11085	33.74%	26.71%	25.32%	25.32%	68.59%	71.18%	71.18%	7724	7.82	
Category II - Non-domestic/Commercial	2,638.7	3,358	960126	3358	9.01%	5.86%	6.88%	6.88%	83.46%	88.64%	88.64%	1898	7.19	
Category III (A & B) - Industrial	929.9	1,027	46345	1027	3.17%	2.03%	2.51%	2.51%	84.92%	94.48%	94.48%	656	7.05	
Category IV - Cottage Industries & Dhobighats	9.8	14	4694	14	0.03%	0.02%	0.03%	0.03%	90.33%	97.21%	97.21%	7	7.17	
Category V - Agriculture	11,181.7	4,811	1271301	4811	38.17%	35.94%	49.20%	49.20%	57.65%	100.00%	100.00%	10285	9.20	
Category VI - Local Bodies, St. Lighting & PWS	473.0	311	494903	311	1.61%	1.42%	0.78%	0.78%	61.67%	41.37%	41.37%	358	7.58	
Category VII (A & B) - General & Religious Purposes	127.8	152	45001	152	0.44%	0.53%	0.36%	0.36%	56.25%	64.63%	64.63%	105	8.23	
Category VIII-Temporary Supply														
Category IX -Electric Vehicle Charging stations	1.7	2	56	2	0.01%	0.32%	0.00%	0.00%	100.00%	100.00%	100.00%	2	8.93	
Category X -CPWS (Carved out of LT -VI CPWS sales & LT: III Industry Category)	-	-	0	0	-	-	-	-	-	-	-	-	-	
Others	-	-	0											
HT Category at 11 KV	6665.24	3054.84	10289	3055	13.83%	27.17%	14.92%	14.92%				4376.01	37.41	
HT-I Industry Segregated	4408.52	1766.32	5347.00	1766.32	9.14%	8.05%	11.02%	11.02%	61.67%	100.0%	100.0%	2,989	6.78	
Lights & Fans														
Colony consumption														
Seasonal Industries														
HT-I Industrial Time-of-Day Tariff (6PM to10 PM)														
HT-I (B) Ferro-Alloys	-	0.00	-	-	-	-	-	-	-	-	-	-	-	
HT-II Industrial Non-Segregated	1741	970.07	4042.00	970.07	3.61%	2.71%	2.97%	2.97%	72.47%	82.0%	82.0%	1,060	6.09	
HT-III Railway Stations, Bus Stations & Airports	5,977	2	11.00	1.86	0.01%	0.01%	0.01%	0.01%	58.70%	58.3%	58.3%	3	5.60	
HT-IV Lift Irrigation Schemes &Agriculture	212.08	103	303.00	102.51	0.44%	0.47%	0.48%	0.48%	55.02%	82.7%	82.7%	141	6.67	
Composite Public Water Supply Schemes	-	-	0	0	-	-	-	-	-	0.0%	0%	-	-	
HT-VI Townships and Residential Colonies	158.63	103	210.00	103.49	0.33%	0.33%	0.23%	0.23%	60.14%	56.8%	56.8%	94	5.92	
HT-VII - Green Power														
RESCOs														
Temporary Supply	138.6	111	376	111	0.29%	15.61%	0.21%	0.21%	1.00%	100.0%	100.0%	88	6.35	
HT IX-Electric Vehicle Charging Stations														
HT Category at 33 KV	7156.42	2147.83	626	2148	-	-	-	-				4159.83	33.44	
HT-I Industry Segregated	5721.31	1,539	385.00	1538.89	-	-	-	-	66.08%	100.0%	100.0%	3,329	5.82	
Lights & Fans														
Colony consumption														
Seasonal Industries														
HT-I Industrial Time-of-Day Tariff (6 PM to 10 PM)														
HT-I (B) Ferro-Alloys	35.82	4	1.00	4.37	-	-	-	-	94.19%	97.1%	97.1%	17	4.83	
HT-II Industrial Non-Segregated	1006.27	427	149.00	427.20	-	-	-	-	71.24%	99.5%	99.5%	585	5.82	
HT-III Railway Stations, Bus Stations & Airports	0.00	-	0.00	0.00	-	-	-	-	-	-	-	-	-	
HT-IV Lift Irrigation Schemes &Agriculture	252.50	98	58.00	98.13	-	-	-	-	54.57%	81.6%	81.6%	151	5.98	

Composite Public Water Supply Schemes	-	-	0.00	0.00	-	-	-	-	0%	0.0%	0%	-	-
HT-VI Townships and Residential Colonies	113.9	62	29.00	62.09	-	-	-	-	74.38%	66.2%	66.2%	63	5.55
HT-VII - Green Power													
RESCOs													
Temporary Supply	26.7	17	4.00	17.15	-	-	-	-	100.00%	100.0%	100.0%	15	5.45
HT Category at 132 KV	9755.02	3607.26	94.00	3607.26	-	-	-	-				5298.87	35.83
HT-I Industry Segregated	3534.58	630	41.00	630.03	-	-	-	-	66.08%	100%	100.0%	1,869	5.29
Lights & Fans													
Colony consumption													
Seasonal Industries													
HT-I Industrial Time-of-Day Tariff (6 PM to 10 PM)													
HT-I (B) Ferro-Alloys	163.90	28	1.00	27.51	-	-	-	-	96.16%	98.1%	98.1%	75	4.57
HT-II Industrial Non-Segregated	46.06	19	4.00	19.01	-	-	-	-	75.33%	95.9%	95.9%	24	5.23
									75.10%	67.43%	67.43%	35	4.37
HT-III Railway Stations, Bus Stations & Airports	79.60	12	1.00	12.01	-	-	-	-					
HT-IV Lift Irrigation Schemes & Agriculture	5483.03	2,529	22.00	2528.53	-	-	-	-	55.02%	80.6%	80.6%	3,049	5.56
									0%	0.0%	0%		
Composite Public Water Supply Schemes	-	-	0	0	-	-	-	-					
HT-V (A) Railway Traction	303.26	331.2555	17.00	331.26	-	-	-	-	88%	93%	93%	174	5.73
HT-V (B) HMR	144.59	59	8.00	58.92	-	-	-	-	75%	89.2%	89.2%	74	5.09
HT-VI Townships and Residential Colonies	-	-	0	0	-	-	-	-					
HT-VII - Green Power													
RESCOs													
Temporary Supply													
HT Category	23577	8810	11009	8810	13.83%	27.17%	14.92%	14.92%				13835	5.87
Total	48823	29569	10454389	29569	100.00%	100.00%	100.00%	100.00%				34870.19	7.14

Form 5**Transmission Contracts**

Particulars	FY 2022-23
Total Installed Generation Capacity - Discom's Share (MW)	13929.05
Transmission Contracts of Discoms with APTransco (MW/MVA)	15344.68
Transmission Contracts of Discoms with PGCIL (MW/MVA)	3416.60
Discom's Share in CGS (MW)	2763.83
Discom's NCP (MW)	9962.25
Discom's CP (MW)	8912.85

Form 6

Particulars	FY2022-23	Remarks
Energy Losses %		FY2022-23
Technical LT Losses	1.91%	
Technical HT Losses (11 kV)	3.13%	
Technical HT Losses (33 kV)	3.62%	
Total Technical Losses		
Commercial LT Losses	1.03%	
Commercial HT Losses (11 kV)	0.16%	
Commercial HT Losses (33 kV)	0.00%	
Total Commercial Losses	1.19%	
Total Energy Losses	1.19%	
Demand Losses %		
Technical LT Losses	9.26%	
Technical HT Losses (11 kV)	1.83%	
Technical HT Losses (33 kV)	0.92%	
Total Technical Losses	12.02%	
Commercial LT Losses	0.76%	
Commercial HT Losses (11 kV)	0.13%	
Commercial HT Losses (33 kV)	-	
Total Commercial Losses	0.89%	
Total Demand Losses	12.91%	
Transmission loss %		
TSTransco Losses	2.57%	
PGCIL Losses	3.24%	
Total Transmission Losses %	3.99%	

10 ANNEXURE- IV

PERFORMANCE REPORTS

Format - 1

Compensation paid by the Licensee to Consumers for deficiency of Service as per the Regulations of the Commission

Sl. No.	Circle	Meter Complaints		Wrong billing		Back Billing		Category Change		New Connections Release		Title Change		O&M		Others		Total	
		Nos.	Amount	Nos.	Amount	Nos.	Amount	Nos.	Amount	Nos.	Amount	Nos.	Amount	Nos.	Amount	Nos.	Amount	Nos.	Amount
During FY2020-21																			
1	Banjara Hills																		
2	Cybercity																		
3	Gadwal																		
4	Habsiguda																		
5	Hyderabad (Central)																		
6	Hyderabad (South)																		
7	Mahabubnagar																		
8	Medak																		
9	Medchal			1	3600/-			1	4600/-									1	8200/-
10	Nagarkurnool																		
11	Nalgonda																		
12	Rajendranagar																		
13	Sangareddy																		
14	Saroornagar																		
15	Secunderabad																		
16	Siddipet																		
17	Suryapet																		
18	Vikarabad																		
19	Wanaparty																		
20	Yadadri																		
TSSPDCL Total				1	3600/-			1	4600/-									1	8200/-

Compensation paid by the Licensee to Consumers for deficiency of Service as per the Regulations of the Commission

Sl. No.	Circle	Meter		Wrong billing		Back Billing		Category		New		Title Change		O&M		Others		Total	
		Nos.	Amount	Nos.	Amount	Nos.	Amount	Nos.	Amount	Nos.	Amount	Nos.	Amount	Nos.	Amount	Nos.	Amount	Nos.	Amount
During H1 of FY2021-22																			
1	Banjara Hills																		
2	Cybercity																		
3	Gadwal																		
4	Habsiguda																		
5	Hyderabad (Central)																		
6	Hyderabad (South)																		
7	Mahabubnagar												1	5000/-				1	5000/-
8	Medak																		
9	Medchal																		
10	Nagarkurnool									3	25000/-							3	25000/-
11	Nalgonda																		
12	Rajendranagar																		
13	Sangareddy																		
14	Saroornagar																		
15	Secunderabad																		
16	Siddipet																		
17	Suryapet																		
18	Vikarabad																		
19	Wanaparty																		
20	Yadadri																		
TSSPDCL Total										3	25000/-			1	5000/-			4	30000/-

Format - 2

Details of electrical accidents occurred during previous year and current year

Sl. No.	Circle	Human								Animals
		Fatal				Non-Fatal				
		Departmental	Contract Labour	General Public	Total	Departmental	Contract Labour	General Public	Total	
During FY2020-21										
1	Banjara Hills	1	0	1	2	1	0	0	1	0
2	Cybercity	0	0	3	3	0	0	3	3	8
3	Gadwal	0	0	0	0	0	0	0	0	1
4	Habsiguda	0	0	3	3	1	0	1	2	2
5	Hyderabad (Central)	0	0	2	2	0	0	4	4	0
6	Hyderabad (South)	0	0	5	5	2	0	1	3	0
7	Mahabubnagar	1	2	19	22	3	0	0	3	73
8	Medak	0	0	29	29	2	0	2	4	36
9	Medchal	0	0	6	6	2	0	2	4	5
10	Nagarkurnool	0	0	3	3	0	0	0	0	0
11	Nalgonda	0	0	38	38	2	0	7	9	88
12	Rajendranagar	0	0	6	6	0	0	0	0	36
13	Sangareddy	2	0	21	23	0	0	5	5	61
14	Saroornagar	0	0	4	4	0	0	0	0	11
15	Secunderabad	0	0	4	4	2	0	0	2	0
16	Siddipet	0	0	25	25	0	2	1	3	29
17	Suryapet	0	0	30	30	0	0	1	1	97
18	Vikarabad	0	0	19	19	0	0	4	4	44
19	Wanaparty	2	0	8	10	1	0	0	1	11
20	Yadadri	0	1	3	4	1	2	1	4	15
TSSPDCL Total		6	3	229	238	17	4	32	53	517

Details of ex-gratia paid during previous year and current year

Sl. No.	Circle	No. of cases for which ex-gratia paid (Rs. in lakhs)			
		Human		Animals	
		No.	Amount	Nos.	Amount
During FY2020-21					
1	Banjara Hills	0	0.00	0	0.00
2	Cybercity	2	10.00	7	2.80
3	Gadwal	5	24.00	4	0.61
4	Habsiguda	4	20.00	7	2.80
5	Hyderabad (Central)	2	10.00	0	0.00
6	Hyderabad (South)	2	10.00	0	0.00
7	Mahabubnagar	28	136.00	30	12.00
8	Medak	17	84.00	27	7.83
9	Medchal	4	19.00	14	5.60
10	Nagarkurnool	9	50.00	13	5.20
11	Nalgonda	35	168.00	30	12.00
12	Rajendranagar	3	12.00	31	11.74
13	Sangareddy	12	59.00	32	12.80
14	Saroornagar	2	9.00	6	0.75
15	Secunderabad	0	0.00	0	0.00
16	Siddipet	17	85.00	50	20.00
17	Suryapet	21	102.96	17	6.47
18	Vikarabad	0	0.00	62	22.45
19	Wanaparty	4	20.00	3	1.20
20	Yadadri	11	55.00	14	5.27
TSSPDCL Total		178	873.96	347	129.52

Details of electrical accidents occurred during previous year and current year

Sl. No.	Circle	Human								Animals
		Fatal				Non-Fatal				
		Departmental	Contract Labour	General Public	Total	Departmental	Contract Labour	General Public	Total	
During H1 of FY2021-22										
1	Banjara Hills	0	0	0	0	0	1	0	1	0
2	Cybercity	0	0	0	0	0	0	1	1	0
3	Gadwal	0	0	2	2	0	0	0	0	0
4	Habsiguda	0	0	1	1	1	0	3	4	0
5	Hyderabad (Central)	0	0	1	1	0	1	0	1	0
6	Hyderabad (South)	0	1	2	3	0	1	0	1	0
7	Mahabubnagar	0	0	7	7	0	0	1	1	26
8	Medak	0	0	19	19	0	0	0	0	5
9	Medchal	1	1	1	3	0	0	2	2	6
10	Nagarkurnool	0	0	1	1	0	0	0	0	1
11	Nalgonda	0	0	14	14	0	0	4	4	70
12	Rajendranagar	0	0	0	0	0	0	0	0	1
13	Sangareddy	0	0	4	4	2	0	3	5	21
14	Saroornagar	0	0	1	1	0	0	0	0	0
15	Secunderabad	0	0	2	2	0	0	0	0	0
16	Siddipet	0	0	8	8	0	0	1	1	16
17	Suryapet	0	0	8	8	0	0	0	0	59
18	Vikarabad	0	0	0	0	0	0	0	0	1
19	Wanaparty	0	0	2	2	0	0	0	0	0
20	Yadadri	0	0	0	0	0	0	0	0	0
TSSPDCL Total		1	2	73	76	3	3	15	21	206

Details of ex-gratia paid during previous year and current year

Sl. No.	Circle	No. of cases for which ex-gratia paid (Rs. in lakhs)			
		Human		Animals	
		No.	Amount	Nos.	Amount
During H1 of FY2021-22					
1	Banjara Hills	0	0	0	0
2	Cybercity	3	15	1	0.4
3	Gadwal	3	15	0	0
4	Habsiguda	2	8.76	2	0.8
5	Hyderabad (Central)	0	0	0	0
6	Hyderabad (South)	2	10	0	0
7	Mahabubnagar	15	74	18	7.2
8	Medak	7	34	30	7.62
9	Medchal	6	30	6	2.4
10	Nagarkurnool	22	110	12	4.8
11	Nalgonda	16	77	27	10.8
12	Rajendranagar	0	0	6	2.4
13	Sangareddy	4	20	10	4
14	Saroornagar	3	15	3	1.2
15	Secunderabad	0	0	0	0
16	Siddipet	12	58	8	3.2
17	Suryapet	6	30	23	9.2
18	Vikarabad	15	75	10	4
19	Wanaparty	14	69	1	0.4
20	Yadadri	3	15	5	2
TSSPDCL Total		133	655.76	162	60.42

Format - 3

Replacement of burnt Distribution Transformers (DTRs) and Installation of Additional DTRs

Sl. No.	Circle	No. of DTRs as on			No. of DTRs failed and			No. of DTRs added			No. of DTRs as on end of		
		Single Phase	Three Phase	Total	Single Phase	Three Phase	Total	Single Phase	Three Phase	Total	Single Phase	Three Phase	Total
During H1 of FY2021-22													
1	Banjara Hills	277	8583	8860	0	115	115	-68	191	123	209	8774	8983
2	Cybercity	4385	16611	20996	189	434	623	-32	437	405	4353	17048	21401
3	Gadwal	3975	9775	13750	205	459	664	86	298	384	4061	10073	14134
4	Habsiguda	608	11475	12083	1	306	307	4	325	329	612	11800	12412
5	Hyderabad (Central)	54	8115	8169	0	136	136	-26	171	145	28	8286	8314
6	Hyderabad (South)	66	6428	6494	0	230	230	-55	173	118	11	6601	6612
7	Mahabubnagar	8695	25148	33843	662	1886	2548	100	1749	1849	8795	26897	35692
8	Medak	4891	22355	27246	390	1411	1801	99	777	876	4990	23132	28122
9	Medchal	2122	16432	18554	68	322	390	-15	247	232	2107	16679	18786
10	Nagarkurnool	5082	21142	26224	603	1518	2121	303	989	1292	5385	22131	27516
11	Nalgonda	14680	49188	63868	780	2921	3701	655	2024	2679	15335	51212	66547
12	Rajendranagar	6094	19971	26065	294	1148	1442	3	81	84	6097	20052	26149
13	Sangareddy	7344	23002	30346	519	1314	1833	64	878	942	7408	23880	31288
14	Saroornagar	2165	12841	15006	92	456	548	-50	183	133	2115	13024	15139
15	Secunderabad	65	7025	7090	0	162	162	-50	173	123	15	7198	7213
16	Siddipet	6195	24822	31017	269	1509	1778	17	724	741	6212	25546	31758
17	Suryapet	8500	30312	38812	642	1798	2440	-56	557	501	8444	30869	39313
18	Vikarabad	7705	15350	23055	452	977	1429	374	514	888	8079	15864	23943
19	Wanaparty	3401	12757	16158	190	637	827	158	332	490	3559	13089	16648
20	Yadadri	6199	23512	29711	344	1632	1976	89	672	761	6288	24184	30472
TSSPDCL Total		92503	364844	457347	5700	19371	25071	1600	11495	13095	94103	376339	470442

Format - 4(a)

Statement showing Circle-wise, Category-wise Replacement of Burnt-out Meters

HT Category		Burnt-out Meter Services									Replacement of Burnt-out Meter Services								
H1 OF FY 2021-22(01.04.2021 to 30.09.2021)																			
Sl. No.	Circle	HT-I	HT-II	HT-III	HT-IV	HT-V	HT-VI	HT-VII	HT-IX	Total	HT-I	HT-II	HT-III	HT-IV	HT-V	HT-VI	HT-VII	HT-IX	Total
1	Banjara Hills	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Cybercity	3	4	0	0	0	4	0	0	11	3	4	0	0	0	4	0	0	11
3	Gadwal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	Habsiguda	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Hyderabad (Central)	1	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	1
6	Hyderabad (South)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	Mahabubnagar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	Medak	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	Medchal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	Nagarkurnool	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	Nalgonda	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	Rajendranagar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	Sangareddy	2	1	0	0	0	0	0	0	3	2	1	0	0	0	0	0	0	3
14	Saroornagar	1	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	1
15	Secunderabad	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	Siddipet	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	Suryapet	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	Vikarabad	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	Wanaparty	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	Yadadri	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HT Category Total		7	5	0	0	0	4	0	0	16	6	6	0	0	0	4	0	0	16

Format - 4(a)

Statement showing Circle-wise, Category-wise Replacement of Burnt-out Meters

LT Category		Burnt-out Meter Services									Replacement of Burnt-out Meter Services								
H1 OF FY 2021-22(01.04.2021 to 30.09.2021)																			
Sl. No.	Circle	LT-I	LT-II	LT-III	LT-IV	LT-V	LT-VI	LT-VII	LT-VIII	Total	LT-I	LT-II	LT-III	LT-IV	LT-V	LT-VI	LT-VII	LT-VIII	Total
1	Banjara Hills	77	31	3	0	0	12	0	1	124	69	29	4	0	0	10	0	0	112
2	Cybercity	681	177	7	0	3	0	4	5	877	681	177	7	0	3	0	4	5	877
3	Gadwal	2380	335	105	6	0	69	7	0	2902	2331	325	105	6	0	61	7	0	2835
4	Habsiguda	825	241	24	0	0	7	9	0	1106	825	241	24	0	0	7	9	0	1106
5	Hyderabad (Central)	712	149	3	1	0	94	2	11	972	712	149	3	1	0	94	2	11	972
6	Hyderabad (South)	1120	247	2	1	0	63	6	0	1439	1011	193	2	1	0	46	5	0	1258
7	Mahabubnagar	371	90	12	2	0	22	34	0	531	282	71	10	0	0	12	21	0	396
8	Medak	4043	498	90	0	0	109	24	0	4764	2770	329	42	0	0	75	15	0	3231
9	Medchal	517	153	14	0	4	2	2	16	708	517	153	14	0	4	2	2	16	708
10	Nagarkurnool	1470	405	94	14	0	34	61	6	2084	152	59	16	2	0	11	0	0	240
11	Nalgonda	2684	402	80	20	0	297	36	0	3519	2443	395	72	20	0	241	36	0	3207
12	Rajendranagar	528	184	42	0	4	16	4	2	780	436	108	9	0	3	1	3	2	562
13	Sangareddy	952	12	3	1	0	1	2	0	971	912	12	3	1	0	1	2	0	931
14	Saroornagar	1313	239	8	0	0	67	9	8	1644	1313	239	8	0	0	67	9	8	1644
15	Secunderabad	164	42	0	0	0	42	1	0	249	164	42	0	0	0	38	1	0	245
16	Siddipet	4232	530	113	3	0	190	48	0	5116	4232	530	113	3	0	190	48	0	5116
17	Suryapet	740	147	42	1	0	85	10	0	1025	740	147	42	1	0	85	10	0	1025
18	Vikarabad	2542	301	125	0	0	150	56	0	3174	1831	241	113	0	0	128	48	0	2361
19	Wanaparty	598	130	40	14	0	69	4	0	855	97	23	9	1	0	13	1	0	144
20	Yadadri	1041	172	22	28	0	98	23	0	1384	1041	172	22	28	0	98	23	0	1384
LT Category Total		26990	4485	829	91	11	1427	342	49	34224	22559	3635	618	64	10	1180	246	42	28354

Format - 4(b)

Statement showing Circle-wise, Category-wise Replacement of Stuck-up Meters

HT Category		Stuck-up Meter Services									Replacement of Stuck-up Meter Services								
H1 OF FY 2021-22(01.04.2021 to 30.09.2021)																			
Sl. No.	Circle	HT-I	HT-II	HT-III	HT-IV	HT-V	HT-VI	HT-VII	HT-IX	Total	HT-I	HT-II	HT-III	HT-IV	HT-V	HT-VI	HT-VII	HT-IX	Total
1	Banjara Hills	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Cybercity	0	4	0	0	0	1	3	0	8	0	4	0	0	0	1	3	0	8
3	Gadwal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	Habsiguda	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Hyderabad (Central)	0	2	0	0	0	0	0	0	2	0	2	0	0	0	0	0	0	2
6	Hyderabad (South)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	Mahabubnagar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	Medak	2	0	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0	2
9	Medchal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	Nagarkurnool	2	1	0	0	0	0	0	0	3	2	1	0	0	0	0	0	0	3
11	Nalgonda	2	0	0	1	0	0	0	0	3	2	0	0	0	1	0	0	0	3
12	Rajendranagar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	Sangareddy	2	1	0	0	0	0	0	0	3	2	1	0	0	0	0	0	0	3
14	Saroornagar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	Secunderabad	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	Siddipet	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	Suryapet	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	Vikarabad	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	Wanaparty	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	Yadadri	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HT Category Total		78	8	0	1	0	1	3	0	21	8	8	0	0	1	1	3	0	21

Format - 4(b)

Statement showing Circle-wise, Category-wise Replacement of Stuck-up Meters

LT Category		H1 OF FY 2021-22(01.04.2021 to 30.09.2021)																	
Sl. No.	Circle	LT-I	LT-II	LT-III	LT-IV	LT-V	LT-VI	LT-VII	LT-VIII	Total	LT-I	LT-II	LT-III	LT-IV	LT-V	LT-VI	LT-VII	LT-VIII	Total
1	Banjara Hills	4858	1052	12	0	0	21	11	5	5959	4537	957	9	0	0	17	11	5	5536
2	Cybercity	4883	754	10	0	0	3	14	13	5677	4883	754	10	0	0	3	14	13	5677
3	Gadwal	6810	699	46	0	0	19	42	3	7619	6810	699	46	0	0	19	42	3	7619
4	Habsiguda	8758	1627	92	0	0	13	5	1	10496	8758	1627	92	0	0	13	5	1	10496
5	Hyderabad (Central)	8487	1720	22	4	0	111	28	6	10378	8487	1720	22	4	0	111	28	6	10378
6	Hyderabad (South)	5145	1251	21	1	0	58	9	0	6485	4671	983	22	1	0	52	8	0	5737
7	Mahabubnagar	2186	405	29	4	0	13	22	0	2659	1879	363	25	0	0	9	16	0	2292
8	Medak	9470	824	110	1	0	50	78	2	10535	2601	314	38	0	0	45	13	0	3011
9	Medchal	9474	1137	65	1	10	5	11	15	10718	9474	1137	65	1	10	5	11	15	10718
10	Nagarkurnool	6065	742	79	7	0	24	23	0	6940	581	89	7	1	0	3	3	0	684
11	Nalgonda	14911	1711	161	76	0	568	56	1	17484	12311	1671	153	72	0	561	51	1	14820
12	Rajendranagar	1564	326	45	0	0	16	4	0	1955	1382	223	44	0	0	3	2	0	1654
13	Sangareddy	5775	218	15	3	0	3	7	0	6021	4958	185	15	3	0	3	7	0	5171
14	Saroornagar	8058	911	36	0	0	48	12	3	9068	8058	911	36	0	0	48	12	3	9068
15	Secunderabad	4161	916	25	1	0	45	13	3	5164	4161	908	23	1	0	45	12	3	5153
16	Siddipet	6685	704	69	2	0	80	46	0	7586	6685	704	69	2	0	80	46	0	7586
17	Suryapet	14996	1426	92	12	0	203	49	0	16778	14996	1426	92	12	0	203	49	0	16778
18	Vikarabad	8736	526	365	0	0	285	155	18	10085	6116	458	320	0	0	248	135	0	7277
19	Wanaparty	6762	882	91	14	0	137	51	0	7937	3502	411	58	13	0	98	17	0	4099
20	Yadadri	5258	2860	174	22	0	354	25	0	8693	5258	2860	174	22	0	354	25	0	8693
LT Category Total		143042	20691	1559	148	10	2056	661	70	168237	120108	18400	1320	132	10	1920	507	50	142447

Format - 5

Performance with regard to attending to Fuse-off Calls (FOC)

Circle	Type of Complaints	No. of Complaints	No. of Consumers affected	Time for rectification (hrs)		
				Max	Min	Avg.
During FY2020-21						
Banjara Hills	Individual FOCs	19709	19709	0:08:00	0:16:00	0:12:00
	Service Wire defect	157	157	0:50:00	1:00:00	0:55:00
	LT Fuses blown	7334	51340	0:08:00	0:16:00	0:12:00
	LT line fault	18	173	0:33:00	1:06:00	0:49:30
	HG fuse blown	2649	13269	0:08:00	0:25:00	0:16:30
	DTR Failure	8	373	0.0347222	0.0416667	0:55:00
	Total	29875	85021			
Cybercity	Individual FOCs	6442	7578	0:54:00	0:49:00	0:51:30
	Service Wire defect	460	678	1:09:00	0:34:00	0:51:30
	LT Fuses blown	8028	143301	1:34:00	0:59:00	1:16:30
	LT line fault	423	23371	1:42:00	1:07:00	1:24:30
	HG fuse blown	5437	879266	2:09:00	1:37:00	1:53:00
	DTR Failure	87	15433	11:22:00	7:05:00	9:13:30
	Total	20877	1069627			
Gadwal	Individual FOCs	231	8901	0.0208333	0.0034722	0:17:30
	Service Wire defect	161	161	1	0.0416667	12:30:00
	LT Fuses blown	233	12401	0.0208333	0.0034722	0:17:30
	LT line fault	33	8401	0.0416667	0.0208333	0:45:00
	HG fuse blown	21	5351	0.0208333	0.0034722	0:17:30
	DTR Failure	564	3948	1	0.0416667	12:30:00
	Total	1243	39163			
Habsiguda	Individual FOCs	1169	1169	2:00:00	1:00:00	1:30:00
	Service Wire defect	288	1754	1:50:00	0:50:00	1:20:00
	LT Fuses blown	387	7978	1:00:00	0:50:00	0:55:00
	LT line fault	321	2699	1:00:00	0:50:00	0:55:00
	HG fuse blown	253	10303	1:00:00	0:50:00	0:55:00
	DTR Failure	18	2325	3:00:00	2:00:00	2:30:00
	Total	2436	26228			
Hyderabad (Central)	Individual FOCs	71060	130860	1:00:00	0:30:00	0:45:00
	Service Wire defect	10705	10720	1:00:00	0:30:00	0:45:00
	LT Fuses blown	31666	754749	1:00:00	0:30:00	0:45:00
	LT line fault	8225	311190	1:00:00	0:30:00	0:45:00
	HG fuse blown	14320	405040	1:00:00	0:30:00	0:45:00
	DTR Failure	162	7389	1:00:00	0:30:00	0:45:00
	Total	136138	1619948			
Hyderabad (South)	Individual FOCs	245172	1268260	0.0208333	0.03125	0:37:30
	Service Wire defect	20419	20419	0:30:00	0.03125	0:37:30
	LT Fuses blown	61707	1021370	0.0208333	0.03125	0:37:30
	LT line fault	6550	111600	0.0208333	0.0381944	0:42:30
	HG fuse blown	5505	169320	0.0208333	0.03125	0:37:30
	DTR Failure	294	10290	0.0208333	0.0590278	0:57:30
	Total	339647	2601259			
Mahabubnagar	Individual FOCs	2892	2892	1:00:00	0:30:00	0:45:00
	Service Wire defect	253	253	1:30:00	0:30:00	1:00:00
	LT Fuses blown	19	19	2:00:00	1:00:00	1:30:00
	LT line fault	11	11	3:00:00	2:00:00	2:30:00
	HG fuse blown	9	9	2:00:00	1:00:00	1:30:00
	DTR Failure	2113	16904	48:00:00	12:00:00	30:00:00
	Total	5297	20088			

Circle	Type of Complaints	No. of Complaints	No. of Consumers affected	Time for rectification (hrs)		
				Max	Min	Avg.
Medak	Individual FOCs	6723	6723	0:30:00	1:00:00	0:45:00
	Service Wire defect	1365	1365	1:00:00	3:00:00	2:00:00
	LT Fuses blown	1532	1532	0:30:00	1:00:00	0:45:00
	LT line fault	463	463	1:00:00	3:00:00	2:00:00
	HG fuse blown	850	850	0:30:00	1:00:00	0:45:00
	DTR Failure	876	876	5:00:00	20:00:00	12:30:00
	Total	11809	11809			
Medchal	Individual FOCs	3900	218360	1:05:00	0:10:00	0:37:30
	Service Wire defect	240	240	1:45:00	0:10:00	0:57:30
	LT Fuses blown	1070	8239	0:50:00	0:10:00	0:30:00
	LT line fault	222	12404	0:45:00	0:10:00	0:27:30
	HG fuse blown	766	32758	0:48:00	0:10:00	0:29:00
	DTR Failure	293	37192	22:00:00	0:25:00	11:12:30
	Total	6491	309193			
Nagarkurnool	Individual FOCs	1682	1682	1:10:00	0:30:00	0:50:00
	Service Wire defect	156	156	1:20:00	0:30:00	0:55:00
	LT Fuses blown	108	2504	2:05:00	1:00:00	1:32:30
	LT line fault	38	410	3:15:00	2:00:00	2:37:30
	HG fuse blown	56	1520	1:55:00	1:00:00	1:27:30
	DTR Failure	1951	13825	40:00:00	11:00:00	25:30:00
	Total	3991	20097			
Nalgonda	Individual FOCs	3987	3987	0:30:00	0:30:00	0:30:00
	Service Wire defect	198	198	0:15:00	0:40:00	0:27:30
	LT Fuses blown	552	4318	0:10:00	0:20:00	0:15:00
	LT line fault	199	3644	0:30:00	1:30:00	1:00:00
	HG fuse blown	551	3699	0:15:00	0:30:00	0:22:30
	DTR Failure	2704	16224	6:00:00	22:00:00	14:00:00
	Total	8191	32070			
Rajendranagar	Individual FOCs	708	1148	2:13:00	0:35:00	1:24:00
	Service Wire defect	1920	1820	1:13:00	0:28:00	0:50:30
	LT Fuses blown	5234	9356	1:08:00	0:38:00	0:53:00
	LT line fault	463	2568	1:03:00	0:28:00	0:45:30
	HG fuse blown	2835	10528	1:56:00	1:23:00	1:39:30
	DTR Failure	256	13482	16:24:00	9:24:00	12:54:00
	Total	11416	38902			
Sangareddy	Individual FOCs	55	55	1:35:00	0:20:00	0:57:30
	Service Wire defect	36	36	0:45:00	0:15:00	0:30:00
	LT Fuses blown	48	1364	0:35:00	0:10:00	0:22:30
	LT line fault	112	2245	1:30:00	0:15:00	0:52:30
	HG fuse blown	55	2356	0:55:00	0:05:00	0:30:00
	DTR Failure	162	1654	15:00:00	1:00:00	8:00:00
	Total	468	7710			
Saroornagar	Individual FOCs	10643	11586	1:10:00	0:42:00	0:56:00
	Service Wire defect	286	481	1:20:00	0:40:00	1:00:00
	LT Fuses blown	2817	14641	2:10:00	1:00:00	1:35:00
	LT line fault	428	1985	2:10:00	1:02:00	1:36:00
	HG fuse blown	302	4013	1:40:00	0:45:00	1:12:30
	DTR Failure	386	9651	9:00:00	3:10:00	6:05:00
	Total	14862	42357			

Circle	Type of Complaints	No. of Complaints	No. of Consumers affected	Time for rectification (hrs)		
				Max	Min	Avg.
Secunderabad	Individual FOCs	13320	13320	3:30:00	0:20:00	1:55:00
	Service Wire defect	3495	3495	0.1666667	0.0069444	2:05:00
	LT Fuses blown	9169	15169	6:00:00	0:15:00	3:07:30
	LT line fault	414	1200	0.0833333	0.0416667	1:30:00
	HG fuse blown	6157	20007	0.0416667	0.0416667	1:00:00
	DTR Failure	93	413	0.1666667	0.0416667	2:30:00
	Total	32648	53604			
Siddipet	Individual FOCs	12550	13477	0.125	0.0208333	1:45:00
	Service Wire defect	4368	4648	0.125	0.0208333	1:45:00
	LT Fuses blown	2992	71294	0.0555556	0.0208333	0:55:00
	LT line fault	700	10224	0.1666667	0.0416667	2:30:00
	HG fuse blown	1762	28420	0.0833333	0.0208333	1:15:00
	DTR Failure	1817	21369	1	0.1666667	14:00:00
	Total	24189	149432			
Suryapet	Individual FOCs	3184	3184	0:30:00	4:00:00	2:15:00
	Service Wire defect	276	276	0:30:00	4:00:00	2:15:00
	LT Fuses blown	82	974	1:00:00	2:00:00	1:30:00
	LT line fault	25	234	1:00:00	4:00:00	2:30:00
	HG fuse blown	36	546	0:15:00	2:00:00	1:07:30
	DTR Failure	998	6682	4:00:00	48:00:00	26:00:00
	Total	4601	11896			
Vikarabad	Individual FOCs	3212	3205	7:45:00	2:05:00	4:55:00
	Service Wire defect	650	660	6:00:00	2:00:00	4:00:00
	LT Fuses blown	540	2765	4:00:00	0:30:00	2:15:00
	LT line fault	120	1940	9:04:00	2:00:00	5:32:00
	HG fuse blown	320	2680	1:00:00	0:45:00	0:52:30
	DTR Failure	620	15300	48:00:00	8:00:00	28:00:00
	Total	5462	26550			
Wanaparty	Individual FOCs	1538	1538	1:28:00	0:40:00	1:04:00
	Service Wire defect	159	159	2:45:00	0:30:00	1:37:30
	LT Fuses blown	26	285	1:00:00	0:30:00	0:45:00
	LT line fault	12	632	3:30:00	2:00:00	2:45:00
	HG fuse blown	11	396	2:30:00	1:00:00	1:45:00
	DTR Failure	686	12658	48:00:00	13:00:00	30:30:00
	Total	2432	15668			
Yadadri	Individual FOCs	640	640	3:50:00	4:00:00	3:55:00
	Service Wire defect	93	93	1:50:00	2:00:00	1:55:00
	LT Fuses blown	48	1185	1:40:00	2:20:00	2:00:00
	LT line fault	57	1780	2:30:00	3:00:00	2:45:00
	HG fuse blown	57	1780	2:50:00	2:00:00	2:25:00
	DTR Failure	376	3841	4:00:00	4:30:00	4:15:00
	Total	1271	9319			
TSSPDCL	Individual FOCs	408817	1718274	34:18:00	19:17:00	26:47:30
	Service Wire defect	45685	47769	56:32:00	20:02:00	38:17:00
	LT Fuses blown	133592	2124784	29:10:00	14:48:00	21:59:00
	LT line fault	18834	497174	41:02:00	28:23:00	34:42:30
	HG fuse blown	41952	1592111	24:51:00	17:20:00	21:05:30
	DTR Failure	14464	209829	334:06:00	170:29:00	252:17:30
	Total	663344	6189941			

Circle	Type of Complaints	No. of Complaints	No. of Consumers affected	Time for rectification (hrs)		
				Max	Min	Avg.
During H1 of FY2021-22						
Banjara Hills	Individual FOCs	16996	16996	0:08:00	0:16:00	0:12:00
	Service Wire defect	114	114	0:05:00	1:00:00	0:32:30
	LT Fuses blown	9017	63119	0:08:00	0:16:00	0:12:00
	LT line fault	143	1287	0:33:00	1:06:00	0:49:30
	HG fuse blown					
	DTR Failure	6	256	0:05:00	1:00:00	0:32:30
	Total	9280	64776			
Cybercity	Individual FOCs	4559	4753	0:47:00	0:42:00	0:44:30
	Service Wire defect	368	422	1:06:00	0:35:00	0:50:30
	LT Fuses blown	7088	117059	1:27:00	0:56:00	1:11:30
	LT line fault	316	19713	1:29:00	1:11:00	1:20:00
	HG fuse blown	3491	551036	1:58:00	1:31:00	1:44:30
	DTR Failure	63	11347	10:31:00	5:48:00	8:09:30
	Total	15885	704330			
Gadwal	Individual FOCs	1751	99807	0:30:00	0:05:00	0:17:30
	Service Wire defect	171	171	24:00:00	1:00:00	12:30:00
	LT Fuses blown	237	13509	0:30:00	0:05:00	0:17:30
	LT line fault	37	9509	1:00:00	0:30:00	0:45:00
	HG fuse blown	23	5451	0:30:00	0:05:00	0:17:30
	DTR Failure	657	4599	24:00:00	1:00:00	12:30:00
	Total	2876	133046			
Habsiguda	Individual FOCs	2192	2192	2:50:00	1:00:00	1:55:00
	Service Wire defect	1059	2890	1:00:00	0:50:00	0:55:00
	LT Fuses blown	1218	9907	1:00:00	0:50:00	0:55:00
	LT line fault	1234	5023	1:00:00	0:50:00	0:55:00
	HG fuse blown	951	15030	1:00:00	0:50:00	0:55:00
	DTR Failure	560	3226	3:00:00	2:00:00	2:30:00
	Total	7214	38268			
Hyderabad (Central)	Individual FOCs	94574	193068	1:00:00	0:30:00	0:45:00
	Service Wire defect	14225	14230	1:00:00	0:30:00	0:45:00
	LT Fuses blown	50666	993545	1:00:00	0:30:00	0:45:00
	LT line fault	8365	316091	1:00:00	0:30:00	0:45:00
	HG fuse blown	14661	424380	1:00:00	0:30:00	0:45:00
	DTR Failure	142	5585	1:00:00	0:30:00	0:45:00
	Total	182633	1946899			
Hyderabad (South)	Individual FOCs	11042	12702	1:00:00	0:30:00	0:45:00
	Service Wire defect	3092	3053	1:00:00	0:20:00	0:40:00
	LT Fuses blown	31585	452655	3:40:00	1:35:00	2:37:30
	LT line fault	4027	83360	1:00:00	0:20:00	0:40:00
	HG fuse blown	2188	59255	1:40:00	0:40:00	1:10:00
	DTR Failure	116	9015	2:15:00	0:30:00	1:22:30
	Total	52050	620040			
Mahabubnagar	Individual FOCs	3141	3141	1:00:00	0:30:00	0:45:00
	Service Wire defect	276	276	1:30:00	0:30:00	1:00:00
	LT Fuses blown	18	18	2:00:00	1:00:00	1:30:00
	LT line fault	14	14	3:00:00	2:00:00	2:30:00
	HG fuse blown	8	8	2:00:00	1:00:00	1:30:00
	DTR Failure	2553	21424	48:00:00	12:00:00	30:00:00
	Total	6010	24881			

Circle	Type of Complaints	No. of Complaints	No. of Consumers affected	Time for rectification (hrs)		
				Max	Min	Avg.
Medak	Individual FOCs	6765	6765	0.0208333	0.0416667	0:45:00
	Service Wire defect	1523	1523	0.0416667	0.125	2:00:00
	LT Fuses blown	1496	1496	0.0208333	0.0416667	0:45:00
	LT line fault	487	487	0.0416667	0.125	2:00:00
	HG fuse blown	986	986	0.0208333	0.0416667	0:45:00
	DTR Failure	1023	1023	0.2083333	0.8333333	12:30:00
	Total	12280	12280			
Medchal	Individual FOCs	3549	223144	1:05:00	0.0069444	0:37:30
	Service Wire defect	213	213	1:45:00	0.0069444	0:57:30
	LT Fuses blown	1048	8942	0:50:00	0.0069444	0:30:00
	LT line fault	164	13073	0:45:00	0:10:00	0:27:30
	HG fuse blown	775	28152	0:48:00	0.0069444	0:29:00
	DTR Failure	383	48244	22:00:00	0.0173611	11:12:30
	Total	6132	321768			
Nagarkurnool	Individual FOCs	1792	1792	1:20:00	0:30:00	0:55:00
	Service Wire defect	162	162	1:10:00	0:30:00	0:50:00
	LT Fuses blown	93	2310	1:55:00	1:00:00	1:27:30
	LT line fault	43	435	3:05:00	1:45:00	2:25:00
	HG fuse blown	48	1460	1:35:00	0:40:00	1:07:30
	DTR Failure	2100	13985	38:00:00	8:00:00	23:00:00
	Total	4238	20144			
Nalgonda	Individual FOCs	4580	4568	0:30:00	0:30:00	0:30:00
	Service Wire defect	210	198	0:40:00	0:15:00	0:27:30
	LT Fuses blown	820	11220	0:20:00	0:10:00	0:15:00
	LT line fault	260	4374	1:30:00	0:30:00	1:00:00
	HG fuse blown	5540	4725	0:30:00	0:15:00	0:22:30
	DTR Failure	3500	28000	22:00:00	6:00:00	14:00:00
	Total	14910	53085			
Rajendranagar	Individual FOCs	708	1148	2:13:00	0:35:00	1:24:00
	Service Wire defect	1920	1820	0:28:00	1:13:00	0:50:30
	LT Fuses blown	5234	9356	1:08:00	0:38:00	0:53:00
	LT line fault	463	2568	1:03:00	0:28:00	0:45:30
	HG fuse blown	2853	10528	1:56:00	1:23:00	1:39:30
	DTR Failure	256	13482	16:24:00	9:24:00	12:54:00
	Total	11434	38902			
Sangareddy	Individual FOCs	44	44	1:10:00	0:15:00	0:42:30
	Service Wire defect	24	24	2:00:00	0:30:00	1:15:00
	LT Fuses blown	18	34	1:35:00	0:35:00	1:05:00
	LT line fault	65	115	3:25:00	0:15:00	1:50:00
	HG fuse blown	12	221	2:50:00	0:18:00	1:34:00
	DTR Failure	120	2215	24:00:00	2:00:00	13:00:00
	Total	283	2653			
Saroornagar	Individual FOCs	11600	12440	1:30:00	0:45:00	1:07:30
	Service Wire defect	399	576	1:40:00	0:45:00	1:12:30
	LT Fuses blown	3426	15448	2:30:00	1:02:00	1:46:00
	LT line fault	501	2713	2:30:00	1:05:00	1:47:30
	HG fuse blown	395	4955	2:00:00	0:55:00	1:27:30
	DTR Failure	429	10351	10:00:00	3:50:00	6:55:00
	Total	16750	46483			

Circle	Type of Complaints	No. of Complaints	No. of Consumers affected	Time for rectification (hrs)		
				Max	Min	Avg.
Secunderabad	Individual FOCs	13077	13077	3:30:00	0:20:00	1:55:00
	Service Wire defect	3732	3732	4:00:00	0:10:00	2:05:00
	LT Fuses blown	16292	16292	6:00:00	0:15:00	3:07:30
	LT line fault	465	465	2:00:00	1:00:00	1:30:00
	HG fuse blown	6518	6518	1:00:00	1:00:00	1:00:00
	DTR Failure	100	100	4:00:00	1:00:00	2:30:00
	Total	40184	40184			
Siddipet	Individual FOCs	14363	14363	3:30:00	0:30:00	2:00:00
	Service Wire defect	4368	4648	3:00:00	0:30:00	1:45:00
	LT Fuses blown	2842	62619	1:40:00	0:30:00	1:05:00
	LT line fault	632	9462	4:00:00	1:00:00	2:30:00
	HG fuse blown	1578	24921	2:00:00	0:30:00	1:15:00
	DTR Failure	1959	26159	24:00:00	3:00:00	13:30:00
	Total	25742	142172			
Suryapet	Individual FOCs	2790	2790	0:30:00	4:00:00	2:15:00
	Service Wire defect	189	189	0:30:00	4:00:00	2:15:00
	LT Fuses blown	64	1013	0:30:00	2:00:00	1:15:00
	LT line fault	33	162	1:00:00	4:00:00	2:30:00
	HG fuse blown	105	498	0:15:00	2:00:00	1:07:30
	DTR Failure	965	7618	4:00:00	48:00:00	26:00:00
	Total	4146	12270			
Vikarabad	Individual FOCs	3458	3458	8:52:00	2:59:00	5:55:30
	Service Wire defect	780	780	8:00:00	3:00:00	5:30:00
	LT Fuses blown	569	2874	4:00:00	0:30:00	2:15:00
	LT line fault	135	2012	10:04:00	2:30:00	6:17:00
	HG fuse blown	480	2900	1:55:00	1:00:00	1:27:30
	DTR Failure	690	6100	49:00:00	9:00:00	29:00:00
	Total	6112	18124			
Wanaparty	Individual FOCs	1631	1631	1:30:00	0:40:00	1:05:00
	Service Wire defect	201	201	1:50:00	0:30:00	1:10:00
	LT Fuses blown	37	482	1:10:00	0:30:00	0:50:00
	LT line fault	28	718	3:40:00	2:20:00	3:00:00
	HG fuse blown	14	416	2:30:00	1:00:00	1:45:00
	DTR Failure	828	14058	48:00:00	12:00:00	30:00:00
	Total	2739	17506			
Yadadri	Individual FOCs	452	452	1:30:00	1:20:00	1:25:00
	Service Wire defect	402	402	2:00:00	1:30:00	1:45:00
	LT Fuses blown	256	1122	1:40:00	1:30:00	1:35:00
	LT line fault	78	1250	2:00:00	1:45:00	1:52:30
	HG fuse blown	12	512	1:50:00	1:30:00	1:40:00
	DTR Failure	1972	2750	6:00:00	4:00:00	5:00:00
	Total	3172	6488			
TSSPDCL	Individual FOCs	182211	602622	35:20:00	17:57:00	26:38:30
	Service Wire defect	33377	46857	68:10:00	25:36:00	46:53:00
	LT Fuses blown	123121	1720015	33:30:00	15:46:00	24:38:00
	LT line fault	43623	553316	44:31:00	25:09:00	34:50:00
	HG fuse blown	49655	1205071	27:55:00	16:33:00	22:14:00
	DTR Failure	35412	246277	361:18:00	148:43:00	255:00:30
	Total	467399	4374158			

Format - 6(a)

Breakdowns in power supply to urban and rural consumers (circle-wise) and time taken for restoration

Sl. No.	Circle	33 kV System				Ratio per 100 km		11 kV System				Ratio per 100 km	
		No. of feeders	Length of lines in km	No. of breakdowns	Duration in Hrs	Nos.	Duration in Hrs	No. of feeders	Length of lines in km	No. of breakdowns	Duration in Hrs	Nos.	Duration in Hrs
Occurred During H2 of FY2020-21													
1	Banjara Hills	112	466.14	84	1.33611111	18.02	0.286633	289	1018.00	185	949:00:00	18.17	93:13:19
2	Secunderabad							248	779.00	336	1902:00:00	43.13	244:09:33
3	Cybercity	82	773.45	40	15:38:00	5.17	2:01:16	254	2034	210	609:12:00	10.32	29:57:03
4	Gadwal	24	493.08	71	110:15:00	14.40	22:21:34	172	3671.28	344	698:15:00	9.37	19:01:09
5	Habsiguda	48	374.5	12	1:27:00	3.20	0:23:14	336	2101.06	252	709:41:00	11.99	33:46:39
6	Hyderabad (Central)	47	268.44	44	10:21:00	16.39	3:51:20	292	1236.39	351	1361:57:00	28.39	110:09:19
7	Hyderabad (South)	68	486.85	87	10:09:00	17.87	2:05:05	296	1096.87	268	744:24:00	24.43	67:51:57
8	Mahabubnagar	76	1,176.00	109	380:01:00	9.27	32:18:52	524	9284	276	1050:09:00	2.97	11:18:41
9	Medak	64	727	70	101:10:00	9.63	13:54:56	421	4035	486	893:32:00	12.04	22:08:40
10	Medchal	67	411.00	40	64:28:00	9.73	15:41:07	416	1346.50	164	498:16:00	12.18	37:00:16
11	Nagarkurnool	41	747.6	52	30:30:00	6.96	4:04:47	323	8025.35	334	725:18:00	4.16	9:02:15
12	Nalgonda	89	1780.27	14	56:20:00	0.79	3:09:52	714	12967.33	398	1135:20:00	3.07	8:45:19
13	Rajendranagar	116	1172.4	118	154:23:00	10.06	13:10:05	511	4405.1	482	1119:48:00	10.94	25:25:14
14	Sangareddy	112	1147.73	122	260:00:00	10.63	22:39:12	553	9671.03	1260	1522:00:00	13.03	15:44:16
15	Saroornagar	54	529.54	19	201:25:00	3.59	38:02:10	301	2310.60	436	1051:10:00	18.87	45:29:36
16	Siddipet	87	1190.53	77	626:27:00	6.47	52:37:10	596	7037.2	2120	2649:36:00	30.13	37:39:05
17	Suryapet	59	788.58	17	55:20:00	2.16	7:01:01	446	7059.78	185	719:12:00	2.62	10:11:14
18	Vikarabad	39	617.68	42	52:12:00	6.80	8:27:04	232	4228.87	155	236:20:00	3.67	5:35:19
19	Wanaparty	27	1223	33	101:28:00	2.70	8:17:48	172	10461	366	1342:38:24	3.50	12:50:05
20	Yadadri	48	51.13	9	22:45:00	17.60	44:29:40	372	434.3	29	112:14:00	6.68	25:50:32
TSSPDCL Total													

Occurred During H1 of FY2021-22

1	Banjara Hills	114	473.59	113	1.0625	23.86	0.22435	289	1018	100	7.75	9.82318	0.761297
2	Secunderabad	114	473.59	113	1.0625	23.86	0.22435	260	780	320	22.5	41.0256	2.884615
3	Cybercity	82	773.45	53	0.65694444	6.8524	0.084937	255	2041.8	437	25.95763889	21.4027	1.271312
4	Gadwal	24	493.94	66	4.46875	13.362	0.904715	172	3712.1	344	28.67708333	9.26699	0.77253
5	Habsiguda	48	380.48	20	0.11805556	5.2565	0.031028	341	2135.75	302	23.70277778	14.1402	1.109811
6	Hyderabad (Central)	48	269.94	49	0.3625	18.152	0.134289	292	1361.04	374	35.4125	27.479	2.601871
7	Hyderabad (South)	76	508.1	111	1.04027778	21.846	0.204739	306	1005.89	190	16.61666667	18.8887	1.651937
8	Mahabubnagar	79	1264	98	8.21041667	7.7532	0.649558	530	9404	471	62.8125	5.00851	0.667934
9	Medak	65	738	63	4.34722222	8.5366	0.589055	441	4225	446	36.98333333	10.5562	0.875345
10	Medchal	67	411	28	1.99236111	6.8127	0.484759	423	1064.1	164	12.96527778	15.4121	1.218427
11	Nagarkurnool	41	747.6	43	1.1875	5.7517	0.158842	323	8064.45	726	29.22083333	9.00247	0.362341
12	Nalgonda	90	1781.11	21	2.53125	1.179	0.142116	726	13670.54	264	42.5625	1.93116	0.311345
13	Rajendranagar	116	1178	76	3.15	6.4516	0.267402	511	4438	326	35.69166667	7.34565	0.804229
14	Sangareddy	115	1167.11	38	9.15347222	3.2559	0.784285	554	9801.1	952	45.63888889	9.7132	0.465651
15	Saroornagar	54	529.54	24	11.3986111	4.5322	2.15255	307	2349.5	519	48.79513889	22.0898	2.076831
16	Siddipet	87	1193.4	98	30.25	8.2118	2.534775	596	7186.6	2213	111.5069444	30.7934	1.551595
17	Suryapet	60	791.97	16	2.19791667	2.0203	0.277525	450	7083.98	251	21.53125	3.54321	0.303943
18	Vikarabad	39	617.68	49	7.07638889	7.9329	1.14564	232	4290.66	364	22.34027778	8.48354	0.520672
19	Wanaparty	27	1223	187	7.17013889	15.29	0.586275	197	10531.6	52	4.12777778	0.49375	0.039194
20	Yadadri	48	51.13	10	1.32291667	19.558	2.587359	380	641.3	81	4.697916667	12.6306	0.732561
TSSPDCL Total													

Format - 6(b)

Interruptions in power supply to urban and rural consumers (circle-wise) and time taken for restoration

Sl. No.	Circle	33 kV System				Ratio per 100 km		11 kV System				Ratio per 100 km	
		No. of feeders	Length of lines in km	No. of Interruptions	Duration in Hrs	Nos.	Duration in Hrs	No. of feeders	Length of lines in km	No. of Interruptions	Duration in Hrs	Nos.	Duration in Hrs
Occurred During H2 of FY2020-21													
1	Banjara Hills	112	466.14	84	32:04:00	18.02	6:52:45	278	1018.00	2827	711:00:00	277.70	69:50:34
2	Secunderabad	112	466.14	84	32:04:00	18.02	6:52:45	248	779.00	3670	849:00:00	471.12	108:59:09
3	Cybercity	82	773.45	199	15:59:00	25.73	2:03:59	254	2034	3603	623:15:00	177.14	30:38:30
4	Gadwal	24	493.08	231	355:10:00	46.85	72:01:49	172	3671.28	324	698:15:00	8.83	19:01:09
5	Habsiguda	48	374.5	73	34:35:00	19.49	9:14:04	336	2101.06	2567	410:56:00	122.18	19:33:30
6	Hyderabad (Central)	47	268.44	44	10:21:00	16.39	3:51:20	292	1236.39	4358	1122:21:00	352.48	90:46:35
7	Hyderabad (South)	68	486.85	87	10:09:00	17.87	2:05:05	296	1096.87	7264	1862:18:00	662.25	169:46:59
8	Mahabubnagar	76	1,176.00	2037	268:10:00	173.21	22:48:12	524	9,284.00	5412	912:14:00	58.29	9:49:33
9	Medak	64	727	128	30:55:00	17.61	4:15:09	421	4035	856	667:48:00	21.21	16:33:01
10	Medchal	67	411	371	213:12:00	90.27	51:52:25	416	1346.5	3996	496:43:00	296.77	36:53:22
11	Nagarkurnool	41	747.6	138	104:10:00	18.46	13:56:01	323	8025.35	895	318:45:00	11.15	3:58:18
12	Nalgonda	89	1780.27	745	56:20:00	41.85	3:09:52	714	12967.33	2242	1985:00:00	17.29	15:18:28
13	Rajendranagar	116	1172.4	986	302:50:00	84.10	25:49:49	511	4405.1	5183	1526:23:00	117.66	34:39:01
14	Sangareddy	112	1147.73	352	52:08:00	30.67	4:32:32	553	9671.03	3460	461:30:00	35.78	4:46:19
15	Saroornagar	54	529.54	215	24:40:00	40.60	4:39:29	301	2310.6	5241	1041:30:00	226.82	45:04:30
16	Siddipet	87	1190.53	535	159:52:00	44.94	13:25:41	596	7037.2	5936	966:00:00	84.35	15:43:37
17	Suryapet	59	788.58	363	42:00:00	46.03	5:19:34	446	7059.78	3503	283:15:00	49.62	4:00:44
18	Vikarabad	39	617.68	47	88:21:00	7.61	14:18:13	232	4228.87	1125	123:12:00	26.60	2:54:48
19	Wanaparty	27	1223	893	1989:03:00	73.02	162:38:13	172	10461	2200	320:30:48	21.03	3:03:50
20	Yadadri	41	51.13	12	7:14:00	23.47	14:08:49	372	434.3	58	4514:00:00	13.35	1039:22:25
Total													

Occurred During H1 of FY2021-22

1	Banjara Hills	114	473.59	113	25:30:00	23.86	5:23:04	289	1018.00	4460	1019:00:00	438.11	100:05:54
2	Secunderabad	114	473.59	113	25:30:00	23.86	5:23:04	260	780.00	6197	1451:00:00	794.49	186:01:32
3	Cybercity	82	773.45	313	21:59:00	40.47	2:50:32	255	2041.80	6247	2683:58:00	305.96	131:27:04
4	Gadwal	24	493.94	71	355:10:00	14.37	71:54:17	172	3712.10	132	660:25:00	3.56	17:47:27
5	Habsiguda	48	380.48	91	26:00:00	23.92	6:50:01	341	2135.75	4449	695:17:00	208.31	32:33:16
6	Hyderabad (Central)	48	269.94	49	8:42:00	18.15	3:13:23	292	1361.04	6748	1768:30:00	495.80	129:56:15
7	Hyderabad (South)	76	508.10	111	24:58:00	21.85	4:54:49	306	1005.89	6276	1631:07:00	623.93	162:09:24
8	Mahabubnagar	79	1264.00	1785	504:01:00	141.22	39:52:29	530	9404.00	4427	604:09:00	47.08	6:25:28
9	Medak	65	738.00	128	30:55:00	17.34	4:11:21	441	4225.00	856	667:48:00	20.26	15:48:21
10	Medchal	67	411.00	295	65:20:00	71.78	15:53:46	423	1064.10	4894	762:13:00	459.92	71:37:49
11	Nagarkurnool	41	747.60	138	104:10:00	18.46	13:56:01	323	8064.45	792	314:05:00	9.82	3:53:41
12	Nalgonda	90	1781.11	621	42:30:00	34.87	2:23:10	726	13670.54	1954	1768:45:00	14.29	12:56:18
13	Rajendranagar	116	1178.00	582	143:52:00	49.41	12:12:46	511	4438.00	3133	850:28:00	70.59	19:09:48
14	Sangareddy	115	1167.11	1080	108:00:00	92.54	9:15:13	554	9801.10	2216	295:45:00	22.61	3:01:03
15	Saroornagar	54	529.54	263	29:51:00	49.67	5:38:13	307	3313.80	5878	1093:45:00	177.38	33:00:21
16	Siddipet	87	1193.40	592	161:42:00	49.61	13:32:58	596	7186.60	6382	980:44:00	88.80	13:38:48
17	Suryapet	60	791.97	320	37:53:00	40.41	4:47:00	450	7083.98	2000	182:20:00	28.23	2:34:26
18	Vikarabad	39	617.68	58	550:20:00	9.39	89:05:49	232	4290.66	2065	1231:25:00	48.13	28:42:00
19	Wanaparty	27	1223.00	1464	322:25:30	119.71	26:21:48	197	10531.60	4095	541:09:00	38.88	5:08:18
20	Yadadri	48	51.13	12	5:14:00	23.47	10:14:07	380	446.14	51	32:14:00	11.43	7:13:30
Total													

Format - 7

Frequency Profile of Southern Region (SR) Grid

Month	Average Hz	Maximum		Minimum		(Figures in percentage of time)				
		Hz	Date	Hz	Date	<49.70 Hz	49.70-49.90 Hz	49.90-50.05 Hz	50.05-50.20 Hz	>50.20 Hz
During FY2020-21										
Apr-20	50.01	-	-	-	-	5.10	-	75.13	19.77	-
May-20	50.01					4.23		76.68	19.10	
Jun-20	50.01					4.51		76.91	18.58	
Jul-20	50.00					6.71		78.15	15.14	
Aug-20	49.99					6.09		80.91	13.00	
Sep-20	50.00					4.23		84.25	11.53	
Oct-20	50.00					3.91		81.88	14.21	
Nov-20	50.00					4.63		79.91	15.46	
Dec-20	50.00					5.62		75.78	18.60	
Jan-21	50.01					4.36		76.21	19.43	
Feb-21	50.00					6.88		76.43	16.69	
Mar-21	50.00					7.13		72.78	20.09	
Average	50.00					0.00		#N/A	0.00	
* - Frequency levels changed by SRLDC from May'14 onwards.										
During H1 of FY2021-22										
Apr-21	50.00	-	-	-	-	7.95	-	74.94	17.11	-
May-21	50.00					6.63		74.49	18.88	
Jun-21	50.00					6.10		74.52	19.38	
Jul-21	50.01					5.35		75.06	19.59	
Aug-21	50.00					7.68		76.93	15.40	
Average	50.00	0.00	#N/A	0.00	#N/A	6.74	0.00	75.19	18.07	0.00
Average										
* - Frequency levels changed by SRLDC from May'14 onwards.										

Format - 8(a)

Pending Service Connections applications of different categories of consumers

Category	BANJARA HILLS	CYBER CITY	GADWAL	HABSIGUDA	HYDERABAD CENTRAL	HYDERABAD SOUTH	MAHABOBNAGAR	MEDAK	MEDCHAL	NAGARKURNOOL	NALGONDA	RAJENDRANAGAR	SANGAREDDY	SAROORNAGAR	SECUNDERABAD	SIDDIPET	SURYAPET	VIKARABAD	WANAPARTHY	YADADRI	Total	
During FY2020-21, Pending more than 6 months ,upto 31st Mar 2021																						
LT Supply																						
LT-I	Domestic	87	210	95	472	70	64	26	7	195	5	46	136	69	235	90	21	68	16	14	50	1,976
LT-II	Non-Domestic/Commercial	24	170	161	205	10	21	149	90	152	267	339	419	337	332	31	211	187	130	157	412	3,804
LT-III	Industry	2	6	35	40	0	2	40	15	100	8	39	90	54	23	27	69	29	22	38	29	668
LT-IV	Cottage Industries	0	0	0	0	0	0	0	0	0	1	6	0	0	0	0	2	10	0	0	1	20
LT-V	Agricultural	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LT-VI	Street Lighting & PWS Schemes	0	23	24	72	0	0	7	7	4	11	77	12	101	12	5	24	8	8	22	16	433
LT-VII	General Purpose	0	3	5	0	0	0	25	3	1	5	29	9	36	3	1	26	7	0	3	7	163
LT-VIII	Temporary Supply	3	18	21	13	1	0	12	1	25	0	1	19	40	2	4	23	1	2	1	11	198
LT-IX	EV Charging Stations & Battery Swap	2	3	0	2	1	0	0	0	2	0	1	0	0	0	0	2	0	0	0	0	13
LT Supply Total		118	433	341	804	82	87	259	123	479	297	538	685	637	607	158	376	312	178	235	526	7,275
HT Supply																						
HT-I	Industry	1	3	0	1	0	0	4	2	2	1	2	8	6	3	0	2	1	1	0	4	41
HT-II	Others	7	18	0	4	0	0	1	0	1	0	1	3	0	4	0	2	0	0	0	0	41
HT-III	Airports, Railway stations and Bus stations	0	0	1	0	0	0	1	0	4	1	2	1	3	0	0	0	0	1	1	3	18
HT-IV	Irrigation & CPWS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	2
HT-V	Railway Traction & HMR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HT-VI	Townships & Residential Colonies	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HT-VII	Temporary Supply	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
HT-IX	EV Charging Stations & Battery Swap	1	1	0	0	0	0	0	0	0	1	0	0	2	0	0	1	2	0	0	0	8
HT Supply Total		9	24	1	5	0	0	6	2	7	3	5	12	11	7	0	6	3	2	1	8	112
LT+HT Supply Total		127	457	342	809	82	87	265	125	486	300	543	697	648	614	158	382	315	180	236	534	7,387

During H1 of FY2021-22, Pending more than 6 months ,upto 30th SEP 2021

LT Supply																						
LT-I	Domestic	18	640	94	281	92	186	36	35	96	9	60	308	78	174	30	20	57	28	34	192	2,468
LT-II	Non-Domestic/Commercial	12	432	255	260	27	136	442	397	158	241	635	572	463	439	75	316	202	291	297	453	6,103
LT-III	Industry	0	11	40	41	0	2	19	6	37	5	27	67	28	25	12	26	19	8	22	28	423
LT-IV	Cottage Industries	0	0	1	0	0	1	0	0	0	0	5	1	0	1	0	1	4	0	0	0	14
LT-V	Agricultural	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LT-VI	Street Lighting & PWS Schemes	1	23	24	10	2	0	5	3	5	6	39	20	105	12	0	24	40	9	34	16	378
LT-VII	General Purpose	0	1	6	1	0	0	49	3	3	8	25	7	33	2	0	18	6	1	3	16	182
LT-VIII	Temporary Supply	0	43	15	12	16	1	13	3	63	3	1	28	45	14	11	29	3	6	2	16	324
LT-IX	EV Charging Stations & Battery Swap	1	4	0	1	1	0	0	0	1	0	3	0	2	1	0	0	0	0	1	1	16
LT Supply Total		32	1,154	435	606	138	326	564	447	363	272	795	1,003	754	668	128	434	331	343	393	722	9,908
HT Supply																						
HT-I	Industry	1	7	1	8	1	0	10	13	13	3	5	29	15	8	0	8	4	2	0	8	136
HT-II	Others	21	49	3	6	12	2	2	1	9	1	6	11	6	10	4	3	0	0	3	3	152
HT-III	Airports, Railway stations and Bus stations	0	0	3	2	0	0	2	4	14	3	4	6	13	1	0	3	2	17	2	12	88
HT-IV	Irrigation & CPWS	0	0	1	0	0	0	0	0	0	0	0	0	2	0	0	3	0	0	0	1	7
HT-V	Railway Traction & HMR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HT-VI	Townships & Residential Colonies	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
HT-VII	Temporary Supply	2	8	0	0	0	0	0	1	2	2	0	7	0	1	2	2	0	0	0	0	28
HT-IX	EV Charging Stations & Battery Swap	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HT Supply Total		24	66	8	16	13	2	14	19	38	9	15	47	43	19	5	19	8	19	5	24	413
LT+HT Supply Total		56	1,220	443	622	151	328	578	466	401	281	810	1,050	797	687	133	453	339	362	398	746	10,321

Format - 8(b)

Number of Service Connections released to different categories of consumers

Category	BANJARAH	CYBER CITI	GADWAL	HABSIGUDA	HYDERABA	HYDERABA	MAHABOOB	MEDAK	MEDCHAL	NAGARKUR	NALGONDA	RAJENDRA	SANGARE	SAROORNA	SECUNDER	SIDDIPET	SURYAPET	VIKARABA	WANAPART	YADADRI	Total
During FY2020-21																					
LT Supply																					
LT-I Domestic	7903	28845	4301	30216	10737	15467	11060	4039	38876	4358	10266	22317	24327	25176	10502	11078	6545	5894	3097	6051	281,055
LT-II Non-Domestic/Commercial	1105	3959	1420	4797	1111	2285	4293	1655	3701	2037	3409	5519	5207	8400	1620	2493	2046	1857	1488	1576	57,978
LT-III Industry	2	5	42	116	1	9	80	59	234	46	133	100	136	43	82	108	91	40	56	41	1,424
LT-IV Cottage Industries	0	0	0	0	0	0	24	0	0	13	27	3	1	1	0	9	10	0	11	17	116
LT-V Agricultural	0	196	1859	87	0	0	5889	3853	212	5629	9134	1579	3320	307	0	4878	3082	2167	1562	4400	48,154
LT-VI Street Lighting & PWS Schemes	285	169	338	455	1	4	287	134	220	279	353	694	375	366	87	242	225	249	30	78	4,871
LT-VII General Purpose	7	15	9	19	6	21	12	10	19	10	18	21	30	12	7	25	9	18	3	19	290
LT-VIII Temporary Supply	5	104	10	70	76	0	18	14	122	6	8	28	42	30	72	27	4	11	4	16	665
LT-IX Electric Charging Stations/Battery Swap	2	1	0	2	0	0	0	0	0	4	0	0	3	0	4	0	0	0	0	0	16
LT Supply Total	9,309	33,294	7,979	35,762	11,932	17,786	21,663	9,764	43,388	12,378	23,346	30,264	33,438	32,339	12,370	18,860	12,012	10,236	6,251	12,198	394,569
HT Supply																					
HT-I Industry	0	8	2	28	1	2	15	26	52	8	8	58	65	7	13	25	9	13	5	13	358
HT-II Others	21	57	0	11	9	8	3	3	30	1	2	18	11	11	12	4	3	3	0	3	210
HT-III Airports, Railway stations and Bus stations	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
HT-IV Irrigation & CPWS	0	1	0	0	0	0	0	1	0	0	1	0	0	0	0	3	0	0	0	0	6
HT-V Railway Traction & HMR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HT-VI Townships & Residential Colonies	0	8	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	9
HT-VII Temporary Supply	8	38	0	1	2	0	0	0	8	3	0	8	10	1	0	1	1	0	0	1	82
HT-IX Electric Charging Stations/Battery Swap	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
HT Supply Total	30	112	2	40	13	10	18	30	90	12	11	84	86	19	26	33	13	16	5	17	667
LT+HT Supply Total	9,339	33,406	7,981	35,802	11,945	17,796	21,681	9,794	43,478	12,390	23,357	30,348	33,524	32,358	12,396	18,893	12,025	10,252	6,256	12,215	395,236

Number of Service Connections released to different categories of consumers

Category	BANJARAH	CYBER CITI	GADWAL	HABSIGUDA	HYDERABA	HYDERABA	MAHABOOB	MEDAK	MEDCHAL	NAGARKUR	NALGONDA	RAJENDRA	SANGARE	SAROORNA	SECUNDER	SIDDIPET	SURYAPET	VIKARABA	WANAPART	YADADRI	Total
During H1 of FY2021-22																					
LT Supply																					
LT-I Domestic	4825	13903	1970	17298	7337	8907	5216	2589	20448	2648	4950	13619	12149	14541	6812	6804	3410	3371	1411	3791	155,999
LT-II Non-Domestic/Commercial	744	2283	1319	4249	1349	1898	2849	2445	2885	2595	4122	4444	4383	5798	1486	3329	2757	2626	1190	2343	55,094
LT-III Industry	2	3	20	65	0	5	30	22	101	7	50	61	62	24	53	72	24	27	35	34	697
LT-IV Cottage Industries	0	0	0	0	0	0	7	0	0	12	8	1	1	3	0	8	1	0	3	11	55
LT-V Agricultural	0	242	492	100	0	0	1330	1919	99	1920	3752	926	1258	557	0	2235	1557	929	398	1206	18,920
LT-VI Street Lighting & PWS Schemes	6	81	14	16	1	0	35	13	24	16	55	59	93	30	11	76	54	14	14	48	660
LT-VII General Purpose	3	18	6	12	4	24	9	8	8	18	19	21	18	7	5	18	5	16	6	11	236
LT-VIII Temporary Supply	1	30	2	37	22	1	7	2	90	1	1	15	28	24	27	11	3	4	1	16	323
LT-IX EV Charging Stations & Battery Swap	1	1	0	1	0	1	0	0	1	0	0	1	1	3	2	0	4	0	0	1	17
LT Supply Total	5,582	16,561	3,823	21,778	8,713	10,836	9,483	6,998	23,656	7,217	12,957	19,147	17,993	20,987	8,396	12,553	7,815	6,987	3,058	7,461	232,001
HT Supply																					
HT-I Industry	0	2	2	14	1	0	9	9	22	4	6	29	41	6	5	10	7	5	6	8	186
HT-II Others	13	28	1	13	9	6	1	2	27	0	5	15	6	12	13	7	0	1	0	1	160
HT-III Airports, Railway stations and Bus stations	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HT-IV Irrigation & CPWS	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
HT-V Railway Traction & HMR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HT-VI Townships & Residential Colonies	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	2
HT-VII Temporary Supply	1	33	0	2	1	0	1	0	6	0	0	1	10	0	0	8	0	0	0	0	63
HT-IX EV Charging Stations & Battery Swap	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HT Supply Total	15	63	3	29	11	6	11	11	55	4	11	45	59	18	18	25	7	6	6	9	412
LT+HT Supply Total	5,597	16,624	3,826	21,807	8,724	10,842	9,494	7,009	23,711	7,221	12,968	19,192	18,052	21,005	8,414	12,578	7,822	6,993	3,064	7,470	232,413

Format - 9(a)

Arrears of consumers over Rs.50,000 pending for over six months

Category		SC Nos.	Rs.Lakhs
As on 31.03.2021			
LT Supply			
LT-I	Domestic	1446	130,096.956
LT-II	Non-Domestic/Commercial	2140	257,708.672
LT-III	Industry	1260	211,877.425
LT-IV	Cottage Industries	3	189.469
LT-V	Agricultural	2027	205,075.276
LT-VI	Street Lighting & PWS Schemes	5028	651,426.379
LT-VII	General Purpose	679	74,394.588
LT-VIII	Temporary Supply	43	3,630.990
LT-IX	Electric Charging Stations/Battery Swap		
LT Supply Total		12626	1,534,399.754
HT Supply			
HT-I	Industry	843	247285.00
HT-II	Others	175	8960.91
HT-III	Airports, Railway stations and Bus stations	1	8.08
HT-IV	Irrigation & CPWS	296	348955.42
HT-V	Railway Traction	4	857.65
HT-VI	Townships & Residential Colonies	2	41.46
HT-VII	General Purpose	34	3081.88
HT-VIII	Temporary Supply	0	0.00
HT-IX	Electric Charging Stations/Battery Swap	0	0.00
HT Supply Total		1355	609190.39
LT+HT Supply Total		13981.00	1535008944.52

Arrears of consumers over Rs.50,000 pending for over six months

Category		SC Nos.	Rs.Lakhs
As on 30.09.2021			
LT Supply			
LT-I	Domestic	1630	149,069.842
LT-II	Non-Domestic/Commercial	2520	306,669.077
LT-III	Industry	1318	228,281.751
LT-IV	Cottage Industries	4	244.599
LT-V	Agricultural	2007	204,489.171
LT-VI	Street Lighting & PWS Schemes	4947	665,002.188
LT-VII	General Purpose	817	86,053.795
LT-VIII	Temporary Supply	54	4,631.193
LT-IX	EV Charging Stations & Battery Swap		
LT Supply Total		13297	1,644,441,615
HT Supply			
HT-I	Industry	808	281270.34
HT-II	Others	160	10149.50
HT-III	Airports, Railway stations and Bus stations	1	8.82
HT-IV	Irrigation & CPWS	309	395723.90
HT-V	Railway Traction	5	938.45
HT-VI	Townships & Residential Colonies	1	53.73
HT-VII	Temporary Supply	35	4025.22
HT-IX	EV Charging Stations & Battery Swap		
HT Supply Total		1319	692169.95
LT+HT Supply Total		14616	1645133785

Format - 9(b)

Details of Bad Debts Written-off During FY2020-21

Category		Rs.Lakhs
LT Supply		
LT-I	Domestic	5.37
LT-II	Non-Domestic/Commercial	-2.49
LT-III	Industry	0.44
LT-IV	Cottage Industries	-0.02
LT-V	Agricultural	2.52
LT-VI	Street Lighting & PWS Schemes	2827.04
LT-VII	General Purpose	10.69
LT-VIII	Temporary Supply	0.01
LT-IX	Electric Charging Stations/Battery Swap	
LT Supply Total		2843.56
HT Supply		
HT-I	Industry	1854.49
HT-II	Others	64.78
HT-III	Airports, Railway stations and Bus stations	0.55
HT-IV	Irrigation & CPWS	3492.34
HT-V	Railway Traction	-9.14
HT-VI	Townships & Residential Colonies	-6.42
HT-VII	Temporary Supply	0.49
HT-IX	Electric Charging Stations/Battery Swap	
HT Supply Total		5397.09
LT+HT Supply Total		8240.66

Details of Bad Debts Written-off During H1 of FY2021-22

Category		Rs.Lakhs
LT Supply		
LT-I	Domestic	6.32
LT-II	Non-Domestic/Commercial	3.22
LT-III	Industry	0.69
LT-IV	Cottage Industries	-0.02
LT-V	Agricultural	2.51
LT-VI	Street Lighting & PWS Schemes	2952.09
LT-VII	General Purpose	12.06
LT-VIII	Temporary Supply	0.01
LT-IX	EV Charging Stations & Battery Swap	
LT Supply Total		2976.89
HT Supply		
HT-I	Industry	2180.48
HT-II	Others	87.83
HT-III	Airports, Railway stations and Bus stations	0.56
HT-IV	Irrigation & CPWS	3959.91
HT-V	Railway Traction	2.83
HT-VI	Townships & Residential Colonies	-0.83
HT-VII	Temporary Supply	0.87
HT-IX	EV Charging Stations & Battery Swap	
HT Supply Total		6231.65
LT+HT Supply Total		9208.54

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Court cases involving the Licensee and steps being taken to resolve them

Sl. No.	Name of the Circle/ Zone	W.Ps.	Parawise Remarks		Counters		O.S./ O.Ps.	C.Ds.	O.A.	Total
			Submitted	Not Submitted	Filed	O.S				
1	CGM/Finance	0	0	0	0	0	0	0	0	0
2	CGM/MasterPlan	6	6	0	6	0	1	0	0	7
3	CGM/Operation	11	11	0	10	1	1	0	0	12
4	CGM/P & MM	4	4	0	4	0	1	0	0	5
5	CGM/Projects	10	10	0	10	0	1	0	0	11
6	CGM/MEDCHAL ZONE	0	0	0	0	0	0	0	0	0
7	CGM/Revenue	10	9	1	9	1	0	0	0	10
8	SE/Assessments	1	1	0	1	0	0	0	0	1
9	SE/Commercial	26	25	1	25	1	0	0	0	26
10	SE/IPC	311	309	2	309	2	0	0	0	311
11	SE/RAC	102	102	0	102	0	0	0	0	102
12	TSPCC	6	6	0	6	0	0	0	0	6
13	BANJARAHILLS	97	95	2	95	2	3	2	0	102
14	CYBERCITY	330	328	2	328	2	1	0	0	331
15	GADWAL	5	5	0	5	0	1	0	0	6
16	HABSIGUDA	136	136	0	136	0	5	3	0	144
17	Hyderabad South	100	100	0	100	0	7	7	0	114
18	Hyderabad Central	72	71	1	71	1	4	4	0	80
19	MEDCHAL	116	113	3	112	4	2	0	0	118
20	Mahaboobnagar	48	48	0	48	0	5	1	0	54
21	Medak	32	32	0	32	0	0	0	0	32
22	NAGARKURNOOL	5	5	0	5	0	1	1	0	7
23	Nalgonda	24	24	0	24	0	2	3	0	29
24	RAJENDRANAGAR	150	149	1	148	2	1	0	0	151
25	SANGAREDDY	104	103	1	101	3	0	1	0	105
26	SAROORNAGAR	54	52	2	51	3	1	2	0	57
27	SECUNDERABAD	82	80	2	79	3	4	0	0	86
28	SIDDIPET	19	19	0	19	0	2	0	0	21
29	SURYAPET	32	31	1	31	1	3	0	0	35
30	VIKARABAD	27	27	0	27	0	1	0	0	28
31	WANAPARTHY	6	5	1	5	1	1	0	0	7
32	YADADRI	27	27	0	27	0	2	0	0	29
33	SE/SCADA	1	1	0	1	0	0	0	0	1
Grand Total		1954	1934	20	1927	27	50	24	0	2028

W.P. (Writ Petition); O.S. (Original Suit); O.P. (Original Petition); C.D. (Consumer Disputes); O.A. (Original Appeal)

Format - 11

Number of cases filed in respect of pilferage of power in various categories giving comparative picture with previous year

Sl. No.	Circle	Total No. of cases booked	Provisional Amount Accessed (Rs. in lakhs)	Amount of Assesment realized (Rs. in Lakhs)
During FY2020-21				
1	Banjara Hills	5202	301.79	336.60
2	Cybercity	8376	1209.53	1099.24
3	Gadwal	2668	258.65	120.82
4	Habsiguda	8715	397.39	384.40
5	Hyderabad (Central)	7348	502.37	416.98
6	Hyderabad (South)	8134	713.58	315.36
7	Mahabubnagar	5102	252.59	233.69
8	Medak	4923	124.01	120.83
9	Medchal	8925	590.47	658.01
10	Nagurkurnool	3222	122.08	68.66
11	Nalgonda	5147	276.90	178.51
12	Rajendranagar	7958	685.05	619.81
13	Sangareddy	10172	351.04	301.13
14	Saroornagar	8359	519.32	548.59
15	Secunderabad	6957	302.09	483.84
16	Siddipet	3888	144.06	164.19
17	Suryapet	7445	205.84	176.25
18	Vikarabad	2608	126.15	102.31
19	Wanaparthy	1934	102.04	88.91
20	Yadadri	4002	136.89	162.32
21	HT(DPE)	226	1668.19	1348.43
TSSPDCL Total		121311	8990.04	7928.89

Number of cases filed in respect of pilferage of power in various categories giving comparative picture with previous year

Sl. No.	Circle	Total No. of cases booked	Provisional Amount Accessed (Rs. in lakhs)	Amount of Assesment realized (Rs. in Lakhs)
During H1 of FY2021-22				
1	Banjara Hills	2996	251.22	366.66
2	Cybercity	4183	609.85	571.64
3	Gadwal	1039	97.99	58.76
4	Habsiguda	5331	369.76	263.13
5	Hyderabad (Central)	5574	406.23	243.39
6	Hyderabad (South)	4516	490.63	191.19
7	Mahabubnagar	3937	250.70	147.23
8	Medak	3537	137.72	73.86
9	Medchal	5475	416.95	380.50
10	Nagurkurnool	1829	130.01	69.87
11	Nalgonda	4808	301.95	153.40
12	Rajendranagar	3651	527.35	261.14
13	Sangareddy	5760	234.68	361.03
14	Saroornagar	4971	391.70	336.19
15	Secunderabad	3520	204.48	197.57
16	Siddipet	4355	196.77	118.94
17	Suryapet	3875	274.24	161.43
18	Vikarabad	2277	216.63	83.34
19	Wanaparthy	1986	140.67	81.12
20	Yadadri	3057	172.67	99.36
21	HT(DPE)	105	547.36	909.71
TSSPDCL Total		76782	6369.58	5129.46

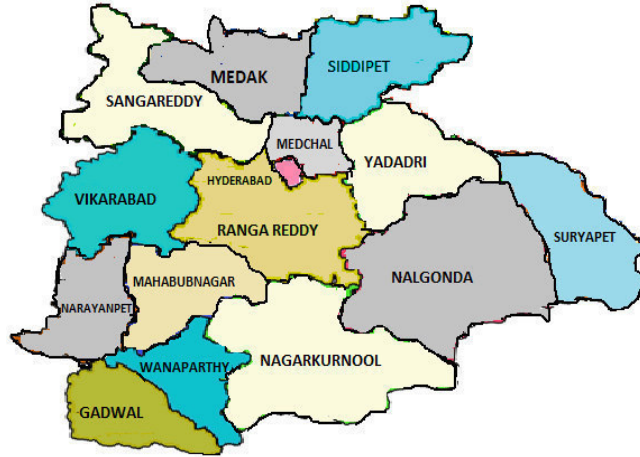
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**SOUTHERN POWER DISTRIBUTION COMPANY OF
TELANGANA LIMITED**

(Distribution and Retail Supply of Electricity Licensee)



**Filing of Retail Supply Tariff and Cross Subsidy
Surcharge
Proposals for FY 2022-23**



27th December , 2021

**BEFORE THE HONOURABLE TELANGANA STATE ELECTRICITY REGULATORY
COMMISSION**

AT ITS OFFICE AT 5th Floor, Singareni Bhavan, Red Hills, Hyderabad - 500 004

FILING NO. _____/2021

CASE NO. _____/2021

In the matter of:

Filing of the Tariff applications for Retail Supply Business for FY 2022-23 and Cross Subsidy Surcharge for open access consumers for the FY 2022-23 in accordance with the “Telangana Electricity Regulatory Commission (Terms And Conditions For Determination Of Tariff For Wheeling And Retail Sale Of Electricity) Regulation, 2005” and its amendment thereof by the Southern Power Distribution Company of Telangana Limited (‘TSSPDCL’ or ‘the Company’ or ‘the Licensee’) as the Distribution and Retail Supply Licensee

In the matter of:

SOUTHERN POWER DISTRIBUTION COMPANY OF TELANGANA LIMITED

... Applicant

The Applicant respectfully submits as under: -

1. Consequent to the formation of Telangana State on 02-06-2014 as per the Andhra Pradesh Reorganisation Act, 2014, a separate Telangana Electricity Regulation Commission was constituted on 03-11-2014. TSERC vide Telangana Official Gazette has issued its first regulation, Regulation No. 1 of 2014 on 10.12.2014 (Adoption of Previously Subsisting Regulations, Decisions, Directions or Orders, Licenses and Practice of Directions) wherein clause 2 states that:

“All regulations, decisions, directions or orders, all the licences and practice directions issued by the erstwhile Andhra Pradesh Electricity Regulatory Commission (Regulatory Commission for States of Andhra Pradesh and Telangana) as in existence as on the date of the constitution of the Telangana State Electricity Regulatory Commission and in force, shall mutatis-mutandis apply in relation to the stakeholders in electricity in the State of Telangana

including the Commission and shall continue to have effect until duly altered, repealed or amended, any of Regulation by the Commission with effect from the date of notification as per Notification issued by the Government of Telangana in G.O.Ms.No.3 Energy(Budget) Department, dt.26-07-2014 constituting the Commission.”

2. This filing is made by the **SOUTHERN POWER DISTRIBUTION COMPANY OF TELANGANA LIMITED (TSSPDCL)** under Section 61 of the Electricity Act 2003 for determination of the tariff for the Retail Supply Business for the year **FY 2022-23**.
3. The licensee had filed the Aggregate Revenue Requirement (ARR) for **FY 2022-23** on 30th November 2021 with a prayer to the Hon’ble Commission to allow the licensee to file Tariff Proposals at a later date.
4. In continuation, Hon’ble Commission vide its letter Lr. No. L-1/8 – B/Secy/JDLAW-01/D.No. 572/2021 dated: 02.12.2021 has directed the licensees to file the proposed tariffs within a period of seven days from the date of receipt of the letter.
5. Further the Hon’ble Commission through its Notice O.P. (SR) No. 79 of 2021 dated: 14.12.2021 called for hearing of admission of the Aggregate Revenue Requirement for Retail Supply Business for FY 2022-23. And during the course of the hearing, the Hon’ble Commission has orally directed TSSPDCL to file its Retail Supply Tariff proposal for FY 2022-23 on or before 27.12.2021.
6. Accordingly, the Licensee in this filing submits the Retail Supply Tariff Proposals and cross subsidy surcharge proposals for **FY 2022-23**.

The Petitioner respectfully submits the reasons for delay in filing of the Retail Supply Tariff Proposals for FY 2022-23 being the enforcement of model code of conduct in view of the Biennial elections of Telangana Legislative Council Seats and the Petitioner sincerely prays for condoning this delay in filing of the Retail Supply Tariff proposal for FY2022-23.

7. **Tariff Proposals for FY 2022-23:**

The licensee has proposed the following tariff for various consumer categories:

A) **LT CATEGORY:-**

o **LT-I Domestic**

Introduction of Rs. 15/kW/month fixed charge for all sub-categories.

▪ Proposed Energy charge:

• **LT-I(A): Upto 100 units per month**

o 0-50 slab – Rs.1.95/unit.

o 51-100 slab – Rs.3.10/unit.

- LT-I(B)(i): More than 100 units and upto 200 units per month
 - 0-100 slab – Rs.3.80/unit.
 - 101-200 slab - Rs.4.80/unit.
- LT-I(B)(ii): More than 200 units per month
 - 0-200 slab – Rs.5.50/unit.
 - 201-300 slab – Rs. 7.70/unit.
 - 301-400 slab –Rs.9.00/unit.
 - 401-800 – Rs.9.50/unit.
 - >800 – Rs. 10/unit.
- **LT-II Non-Domestic/Commercial**
 - Proposed Tariffs:
 - LT-II(A): Up to 50 units per month
 - Energy charge – Rs.7.00/unit.
 - Fixed charge – Rs. 60/kW/month
 - LT-II(B): Above 50 units per month
 - 0-100 slab –
 - Energy charge – Rs.8.50/unit.
 - Fixed charge – Rs. 70/kW/month
 - 101-300 slab –
 - Energy charge – Rs.9.90/unit.
 - Fixed charge – Rs. 70/kW/month
 - 301-500 slab –
 - Energy charge – Rs.10.40/unit.
 - Fixed charge – Rs. 70/kW/month
 - >500 –
 - Energy charge – Rs.11.00/unit.
 - Fixed charge – Rs. 70/kW/month
 - LT-II(C): Advertising Hoardings –
 - Energy charge – Rs.13.00/unit.
 - Fixed charge – Rs. 70/kW/month
 - LT-II(D): Haircutting Salons consuming not exceeding 200 units/ month
 - No tariff change for this category.
- **LT-III Industry**
 - Proposed Tariffs:
 - LT-III(i): Industry (General) –
 - Energy charge – Rs.7.70/unit.
 - Fixed charge – Rs.75/kW/month.
 - LT-III(ii): Pisciculture/Prawn Culture –
 - Energy charge – Rs.6.20/unit.
 - Fixed charge – Rs.36/kW/month.
 - LT-III(iii): Sugarcane Crushing –
 - Energy charge – Rs.6.20/unit.
 - Fixed charge – Rs.36/kW/month.

- LT-III(iv): Poultry Farms –
 - Energy charge – Rs.7.00/unit.
 - Fixed charge – Rs.65/kW/month.
- LT-III(v): Mushroom & Rabbit Farms –
 - Energy charge – Rs.7.30/unit.
 - Fixed charge – Rs.75/kW/month.
- Seasonal Industries (off season) under LT-III –
 - Energy charge – Rs.8.40/unit.
 - Fixed charge – Rs.75/kW/month.

The licensee proposes to introduce monthly minimum energy charges condition for LT-III Industry category which is as follows “*Energy charges will be billed on the basis of actual energy consumption or 25 units per HP of Contracted Load, whichever is higher*”

- **LT-IV Cottage Industries**
 - No tariff change for this category.
- **LT-V Agricultural**
 - No tariff change for this category.
- **LT-VI Street Lighting and PWS Schemes**
 - Proposed Fixed charges – No change
 - Street Lighting – Proposed Energy Charges
 - Panchayats – Rs. 7.10/unit
 - Municipalities - Rs. 7.60/unit
 - Municipal Corporations – Rs. 8.10/unit
 - PWS Schemes – Proposed Energy Charges
 - Panchayats – Rs. 6.00/unit
 - Municipalities - Rs. 7.10/unit
 - Municipal Corporations – Rs. 7.60/unit
- **LT-VII General Purpose**
 - Proposed tariffs:
 - LT-VII(A): General Purposes –
 - Energy charge – Rs.8.30/unit.
 - LT-VII(B): Religious Places
 - Load upto 2 kW –
 - Energy charge – Rs.6.40/unit.
 - Load above 2 kW –
 - Energy charge – Rs.7.00/unit.
 - No change in Fixed charges.
- **LT VIII Temporary Supply**

- Proposed Tariffs
 - Energy charge – Rs.12.00/unit.
 - No change in Fixed charges.

➤ **LT IX Electric Vehicle Charging station**

- Proposed Tariffs
 - Energy charge – Rs.7.00/unit
 - Fixed charge – Introduction of Rs.50/kW/month.

The Licensee proposes monthly minimum energy charges as follows:

- Single phase – Rs.65/month.
- Three Phase – Rs.200/month

B) HT CATEGORY: -

Time of Day Tariffs: It is proposed to modify the off-peak **incentive** from 10 pm to 6 am as per the table mentioned below. This is applicable for categories HT-I(A) Industry (General); HT-II Others; HT-III Airports, Bus Stations and Railway Stations, HT-IX Electric Vehicle Charging Stations; as given below:

Description	During the Period	Proposed Tariff over the Proposed Energy Charge for FY2022-23
Time of Day (ToD) Tariff (Existing Rs. 1 /unit)	6 am to 10 am and 6 pm to 10 pm	Rs.1/unit
Off peak Incentive (Existing Rs. 1 /unit)	10 pm to 6 am	Rs.0.50/unit

○ **HT-I(A): Industry-General**

- Proposed Demand charge: Rs.475/kVA/month.
- Proposed Energy charge:

Voltage Level	Sub-Category	Proposed Energy Charge (Rs./Unit)
HT-I(A): Industry-General		
11 kV	General	7.65
	Lights and Fans	7.65
	Industrial Colonies	7.30
	Seasonal Industries	8.60
	Poultry Farms	7.65
33 kV	General	7.15
	Lights and Fans	7.15
	Industrial Colonies	7.30
	Seasonal Industries	7.90

Voltage Level	Sub-Category	Proposed Energy Charge (Rs./Unit)
	Poultry Farms	7.15
132 kV and above	General	6.65
	Lights and Fans	6.65
	Industrial Colonies	7.30
	Seasonal Industries	7.70

- **HT-I(A): Optional Category**
 - Proposed Demand charge: Rs.100/kVA/month
 - Proposed Energy charge: Rs.8.00/unit
- **HT-I(A) HMWSSB**
 - Proposed Demand charge: Rs.475/kVA/month
 - Proposed Energy charge: 4.95/unit
- **HT-I(B): Ferro Alloy Units**
 - Proposed Demand charge: Introduction of Rs.475/kVA/month
 - Proposed Energy charge:
 - 11kV – Rs.7.65/unit.
 - 33kV – Rs.7.15/unit.
 - 132kV & above – Rs.6.65/unit.
- **HT II Others**
 - Proposed demand charge: Rs.475/kVA/month.
 - Proposed energy charge:
 - 11 kV: Rs.8.80/unit.
 - 33 kV: Rs.8.00/unit.
 - 132 kV & above: Rs.7.80/unit.
- **HT-III Airport, Bus Stations and Railway Stations**
 - Proposed demand charge: Rs.475/kVA/month.
 - Proposed energy charge:
 - 11 kV: Rs.8.50/unit.
 - 33 kV: Rs.7.85/unit.
 - 132 kV & above: Rs.7.45/unit.
- **HT-IV Irrigation & CPWS**
 - Lift Irrigation (all voltage levels)
 - Proposed Demand Charges - Rs.275/kVA/month

Demand Charges to be levied on higher of 80% of CMD or RMD for operational month July to November (5 months)

Demand Charges to be levied on higher of 40% of CMD or RMD for non-operational month December to June (7 months)

- Proposed Energy Charges - Rs.6.30/unit
- CPWS (all voltage levels)
 - Proposed Demand Charges – No change
 - Proposed Energy Charges - Rs.6.10/unit
- **HT-V Railway Traction**
 - Proposed Demand charges – Rs.475/kVA/month.
 - Proposed Energy Charges:
 - HT-V(A): Railway Traction – Rs.5.05/unit.
 - HT-V(B): HMR Traction – Rs.4.95/unit.
- **HT-VI Townships & Residential Colonies (for all Voltage levels)**
 - Proposed Demand charge – Rs.260/kVA/month
 - Proposed Energy charge – Rs.7.30/unit
- **HT-VII Temporary**
 - No change in Demand charges
 - Proposed Energy charge –
 - 11kV – Rs.11.80/unit
 - 33kV – Rs.11.00/unit
 - 132kV – Rs.10.80/unit
- **HT-VIII RESCO**
 - Proposed Energy charge – Rs.5.52/unit.
- **HT-IX: Electric Vehicle Charging Stations**
 - Proposed Demand charge – Introduction of Rs.100/kVA/month
 - Proposed Energy charge – Rs.7.00/unit.
 - The licensee proposes monthly minimum energy charges of 25 units per kVA of billing demand per month.
- Further, Green Energy Tariff for Industrial & Commercial consumers at Rs. 2.00/kWh over and above the retail supply tariffs of the Commercial & Industrial consumers to meet their objectives of 100% RE procurement.

C. Customer Charges:

The Licensee proposes the following customer charges for FY22-23:

Category	Proposed Customer Charge (Rs/month)
Low Tension	
LT-I: Domestic (units/month)	
0-50	40
51-100	70

Category	Proposed Customer Charge (Rs/month)
101-200	90
201-300	100
301-400	120
401-800	140
Above 800 units	160
LT II (A&B): Non-Domestic/Commercial (units/month)	
0-50	50
51-100	90
101-300	105
301-500	120
Above 500 units	160
LT II(C): Advertisement Hoardings	160
LT II(D): Haircutting Salons with consumption upto 200 units per month	
0-50	45
51-100	55
101-300	65
LT-III: Industry up to 20 HP	100
LT-III: Industry 21-50 HP	350
LT-III: Industry 51-100 HP	1200
LT IV: Cottage Industries	50
LT V: Agriculture	30
LT VI: Street Lighting & PWS	120
LT VII: General Purpose	100
LT VIII: Temporary Supply	100
LT IX: Electric Vehicle charging stations	120
HT:11 kV	2000
HT:33 kV	3500
HT:132 kV and Above	5000

8. **Other Tariff Proposals for FY 2022-23:** The licensee proposed the following other tariff proposals for FY 2022-23.

- a. **Grid Support Charges for 2022-23:** Persons operating Captive Power Plants (CPPs) in parallel with T.S. Grid have to pay 'Grid Support Charges' for FY 2022-23 on the difference between the capacity of CPP in kVA and the contracted Maximum Demand in kVA with Licensee and all other sources of supply, at a rate equal to 50% of the prevailing demand charge for HT Consumers. In case of CPPs exporting firm power to TSTRANSCO, the capacity, which is dedicated to such export, will also be additionally subtracted from the CPP capacity.

b. Proposal for changes in General and specific conditions of LT and HT Tariff

- Inclusion of following clauses at specific conditions for LT-I Domestic category at clause 7.44 and 7.45 of the Tariff Order
“Where multiple services are provided for a multi-storied building/ apartment/residential houses under any LT categories and billed accordingly and subsequently found that the consumer utilizes these services for a single common purpose like offices, hostels, schools, etc., such services are to be clubbed into a single service and categorized based on their purpose of usage and billed accordingly.”
- Inclusion of following clauses at specific conditions for LT-I Domestic category at clause 7.45 of the Tariff Order
*“Number of service connections for common usage in multi-storied buildings/apartments/residential houses are limited to one and the same is to be billed under LT-I(B)(ii) or LT-II(B) as applicable.
If more than one service is provided for common usage in the same premises, multi-storied buildings/ apartments/residential houses, the consumption of all the common meters shall be clubbed and billed under LT-I(B)(ii) or LT-II(B) as applicable.”*
- The condition *“fixed charges shall be computed based on the Contracted Load or actual Recorded Demand whichever is higher”* shall be made applicable to all other LT categories i.e., LT-I, LT-II, LT-IV, LT-VI, LT-VII, LT-VIII and LT-IX in line with LT-III category
- The following additional clause proposed to be included in “Other charges for HT” in the Tariff Order:
“The consumer may seek and avail deration of CMD once in a financial year only. Subsequent restoration of initial CMD if any, shall be allowed on payment of 50% of fixed/demand charges applicable as per the relevant Tariff Order. Further, in case of application of additional load more than the initial CMD, the consumer is liable to pay the full development charges applicable as per the Regulation No. 4 of 2013”
- Inclusion of the below condition in the HT-I(A) Optional category in accordance to the Hon’ble Commission clarification dated 24.07.2020
“A consumer cannot fall both under HT-I Optional sub-category with a load upto 150 kVA and HT –Seasonal Industry at the same time. A consumer who has chosen the HT-I(A) Optional Sub-Category with a load up to 150kVA, cannot be charged any other tariff than that approved for optional category”
- Introduction of KVAH billing under LT-III and LT-IX having connected load of 10kW and above.
- Inclusion of belated payment charges for LT Temporary Supply category on par with other LT categories

- c. The applicability of other miscellaneous charges, consumer security deposit & category specific terms and conditions to the Electric Vehicle Charging Stations Category viz., LT-IX and HT-IX same as that of LT Commercial-II(B) or HT-II Others category respectively.
- d. Proposals for fixing of Prepaid meter is mandatory for all Government Services existing under various categories
- e. Levying of “Facilitation Charges” for Open Access Consumer of Rs. 20,000/- per month or part thereof (at a rate of 5% increment every year) for providing open access facility under the head “Other Charges in HT” in order to meet the cost being incurred in providing the Open Access facility to the Open Access users.
- f. The Minimum agreement period of 1 year shall not be made applicable to Temporary Supply Category under LT & HT

9. **Tariff Applicable Amendment Proposals**

- a. Applicability of LT-II category is proposed to extend to the consumers who do not fall in any other category i.e., LT-I, LT-III to LT-IX. Similarly, under HT-II the tariff is applicable to consumers other than those covered under HT categories I & III to IX.
- b. All godowns including Cold storage godowns shall be billed under LT-II & HT-II as applicable.
- c. In the definition of Industrial purpose the phrase "*and/or preserving goods for sale*" is proposed to be replaced with phrase "*, also included preserving of finished products/ raw material at factory premises along with manufacturing and/or processing only*" under LT and HT
- d. **The applicability of LT-III Industrial category shall also be proposed to be extended to Drinking Water filtering plants using *any other filtering process likely apart from Reverse Osmosis (RO). These services are exempted from the general condition of 3 HP minimum load and these services can be released under single phase supply also.***
- e. **The applicability of Temporary Supply under LT and HT shall also be proposed to be extended to "*Row houses and Gated communities construction by Real Estates/Firms meant for sale purpose,*"**

Other than the changes/modifications in definition of certain tariff category and in tariff conditions as mentioned above, the other aspects of tariff/charges such as applicability, terms & conditions, general conditions, category-wise specific conditions, additional charges for belated payment, other charges are proposed to remain the same as mentioned in Retail Supply Tariff Order for FY2018-19.

10. **Cross subsidy Surcharge Proposals for FY 2022-23:** The Cross Subsidy Surcharge Proposals for FY 2022-23 with proposed tariffs calculated as per NTP formula is as follows:

Categories	Cross Subsidy Surcharge (INR/unit)
11 kV	
HT-I Industry	1.91
HT-II - Others	2.32
HT-III - Airports, Railway and Bus stations	2.03
HT –IV Irrigation, Agriculture and CPWS	0.84
HT VI: Townships & Residential Colonies	1.87
HT VII: Temporary Supply	3.14
33 kV	
HT-I Industry	1.70
HT-I(B) Ferro Alloys	1.54
HT-II – Others	2.03
HT –IV Irrigation, Agriculture and CPWS	2.26
HT VI: Townships & Residential Colonies	1.80
HT – Temporary Supply	2.82
132 kV	
HT-I Industry	1.55
HT-I(B) Ferro Alloys	1.48
HT-II – Others	1.97
HT-III - Airports, Railway and Bus stations	1.66
HT –IV Irrigation, Agriculture and CPWS	1.44
HT-V Railway/HMR Traction	1.80

11. **Additional Surcharge Proposals for FY 2022-23:** The licensee filed petition before Hon’ble Commission for determination of Additional Surcharge for first Half (H1) of 2022-23 on 29.11.2021 in accordance to the TSERC order in OP No. 23 of 2020 dated 18.09.2020. The licensee estimated revenue from Additional Surcharge considering the proposals filed for H1 of FY22-23 at Rs.4.06/unit & the proposals filed for H2 of FY21-22 at Rs.2.34/unit for H1 & H2 of FY22-23 respectively.

12. **Revenue with Proposed Tariffs:**

Revenue with Proposed Tariffs (Rs. Crs.)	2022-23
LT Category	10064.40
LT-I: Domestic	5610.50
LT-II: Non–Domestic/Commercial	3018.48
LT-III: Industry	825.80
LT-IV: Cottage Industries	4.51
LT-V: Agricultural	50.24
LT-VI: Street Lightning & PWS Schemes	414.22
LT-VII: General Purpose	50.53
LT-VIII: Temporary Supply	88.79
LT-IX: Electric Vehicle Charging Stations	1.33
HT Category	19982.78
HT-I(A): Industry (General)	10867.95
HT-I(A): HMWSSB	688.55
HT-I(B): Ferro-Alloy Units	149.15

Revenue with Proposed Tariffs (Rs. Crs.)	2022-23
HT-II: Others	3089.77
HT-III: Airports, Bus Stations and Railway Stations	72.24
HT-IV: Irrigation & CPWS	4216.97
HT-V: Railway Traction & HMR	402.78
HT-VI: Townships & Residential Colonies	251.17
HT-VII: Temporary	233.32
HT-IX: Electric Vehicle Charging Stations	10.88
Total	30047.19

13. The estimated revenue gap for the licensee for the ensuing year FY 2022-23:

Revenue Deficit/Surplus (Rs. in crore)	2022-23
Aggregate Revenue Requirement	34870.18
Revenue from Current Tariffs	25421.76
Non-Tariff Income	33.10
Revenue from Cross Subsidy Surcharge	209.27
Revenue from Additional Surcharge	77.48
Revenue Deficit(-)/Surplus(+) at Current Tariffs	-9128.57
Revenue changed through proposed tariff (incl. Cross Subsidy Surcharge & Additional Surcharge)	5044.27
Subsidy	1397.50
Net gap – Deficit(-)/Surplus(+)	-2686.80

14. **Automatic Pass through of power purchase costs:** The Central Government notified “Electricity (Timely Recovery of Costs due to change in Law) Rules,2021” on 22.10.2021 for an automatic pass through of impact in cost due to change in law automatically by a formula. These rules shall apply to a generating company and transmission licensee to recover costs due to change in Law from the Distribution companies on monthly basis. However it is to submit that there is no such automatic pass through mechanism of power purchase true-up applicable to the DISCOMs in the erstwhile APERC Regulation No. 4 of 2005 read with its 1st amendment in Regulation No.1 of 2014 as adopted by Honble TSERC vide its Regulation No.1 of 2014. The implementation of the above said Rules by the Generating Company or transmission licensee on monthly basis without provision for the Distribution licensee to recover the same on monthly basis from the consumers shall have adverse impact on the financials of the DISCOM leading to huge working capital costs and also affect the entire value chain of the power sector.

The licensee humbly prays for amendment of Regulation 4 of 2005 so as to put a mechanism for automatic pass through of power purchase cost adjustment in view of the enforcement of Electricity (Timely Recovery of Costs due to change in Law) Rules,2021 by the Central Government dated 22.10.2021.

15. Based on the information available, the applicant has made sincere efforts to comply with the Regulation of the Hon'ble Commission and discharge its obligations to the best of its abilities. However, should any further material information become available in the near future, the applicant reserves the right to file such additional information and consequently amend/ revise the application.
16. This filing has been discussed and approved by the Board of Directors of TSSPDCL and Sri. G Raghuma Reddy, Chairman and Managing Director of TSSPDCL has been authorised to execute and file the said document on behalf of TSSPDCL. Accordingly, the current filing documents are signed and verified by, and backed by the affidavit of Sri. G Raghuma Reddy, the Chairman and Managing Director of TSSPDCL.
17. In the aforesaid facts and circumstances, the Applicant requests that this Hon'ble Commission may be pleased to:
- Condone the delay in filing of the Retail Supply Tariff proposal for FY2022-23 and accept the application;
 - Take the accompanying Tariff and cross subsidy surcharge applications for FY 2022-23 of TSSPDCL on record and treat it as complete;
 - Grant suitable opportunity to TSSPDCL within a reasonable time frame to file additional material information that may be subsequently available;
 - Consider and approve TSSPDCL's Tariff application including all requested regulatory treatments in the filing;
 - Pass such order as the Hon'ble Commission may deem fit and proper in the facts and circumstances of the case.

SOUTHERN POWER DISTRIBUTION COMPANY OF TELANGANA LIMITED
(APPLICANT)

Through


CHAIRMAN AND MANAGING DIRECTOR
Southern Power Distribution Company
of Telangana Limited (TSSPDCL)
Mint Compound, Hyderabad-500 063.

Place: Hyderabad
Dated: 27.12.2021

**BEFORE THE HONOURABLE TELANGANA STATE ELECTRICITY REGULATORY
COMMISSION**

AT ITS OFFICE AT 5th Floor, Singareni Bhavan, Red Hills, Hyderabad - 500 004

FILING NO. _____/2021

CASE NO. _____/2021

In the matter of:

Filing of the Tariff application for Retail Supply Business for FY 2022-23 and Cross Subsidy Surcharge for open access consumers for the FY 2022-23 in accordance with the “Telangana Electricity Regulatory Commission (Terms And Conditions For Determination Of Tariff For Wheeling And Retail Sale Of Electricity) Regulation, 2005” and its amendment thereof by the Southern Power Distribution Company of Telangana Limited (‘TSSPDCL’ or ‘the Company’ or ‘the Licensee’) as the Distribution and Retail Supply Licensee

In the matter of:

SOUTHERN POWER DISTRIBUTION COMPANY OF TELANGANA LIMITED

... Applicant

**AFFIDAVIT OF APPLICANT VERIFYING THE APPLICATION ACCOMPANYING
FILING AS PER TERMS AND CONDITIONS OF TARIFF FOR WHEELING AND
RETAIL SALE OF ELECTRICITY**

I, Sri. G Raghuma Reddy, son of Sri G. Janga Reddy (Late), working for gain at the Southern Power Distribution Company of Telangana Limited do solemnly affirm and say as follows:

- 1 I am the Chairman and Managing Director of TSSPDCL, the Licensee that has, vide the Hon’ble Commission’s approval in proceedings No. APERC/Secy/Engg/No.6 dt.31.3.2000, been granted the distribution and retail supply functions that Transco was authorised to conduct or carry out under the Act and the license, with respect to the business of distribution and retail supply of electricity in the Southern distribution zone in Telangana. On December 27, 2000, the Hon’ble Commission has awarded a Distribution and Retail Supply License to TSSPDCL effected from April 1, 2001. I am competent and duly authorised by TSSPDCL to affirm, swear, execute and file this affidavit in the present proceedings.

- 2 As such, I submit that I have been duly authorised by the Board of Directors of TSSPDCL to submit the application, as per Terms and Conditions of Tariff for Wheeling and Retail Sale of Electricity (Regulation 4 of 2005) of TSSPDCL for the FY 2022-23 to Hon'ble Commission.
- 3 I submit that I have read and understood the contents of the appended application of TSSPDCL. The facts stated in the application are true to the best of my knowledge, which are derived from the official records made available and certain facts stated are based on information and advice which, I believe to be true and correct.
- 4 I submit that for the reasons, and facts stated in the appended application this Applicant pray that the Hon'ble Commission may be pleased to
- Condone the delay in filing of the Retail Supply Tariff proposal for FY2022-23 and accept the application;
 - Take the accompanying Tariff and cross subsidy surcharge applications for FY2022-23 of TSSPDCL on record and treat it as complete;
 - Grant suitable opportunity to TSSPDCL within a reasonable time frame to file additional material information that may be subsequently available;
 - Consider and approve TSSPDCL's Tariff application including all requested regulatory treatments in the filing;
 - Pass such order as the Hon'ble Commission may deem fit and proper in the facts and circumstances of the case.



DEPONENT
CHAIRMAN & MANAGING DIRECTOR
Southern Power Distribution Company
of Telangana Limited (TSSPDCL)
Mint Compound, Hyderabad-500 063.

VERIFICATION:

I, the above named Deponent solemnly affirm at Hyderabad on this 27th Day of December 2021 that the contents of the above affidavit are true to my knowledge, no part of it is false and nothing material has been concealed there from.



DEPONENT
CHAIRMAN & MANAGING DIRECTOR
Southern Power Distribution Company
of Telangana Limited (TSSPDCL)
Mint Compound, Hyderabad-500 063.

V. Anil Kumar

Solemnly affirmed and signed before me.

V. ANIL KUMAR
COMPANY SECRETARY
TSSPDCL, Corporate Office & Registered Office
6-1-50, Mint Compound,
HYDERABAD-500 063. T.S.

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1 Tariff proposals

1.1 Tariff Proposals for FY 2022-23

The table mentioned below, shows the Revenue gap for TSSPDCL from FY 2018-19 to FY 2022-23. The trend in the revenue gap (INR Cr.) shows a continuous increase at a CAGR of 5% over the years. It is evident that the revenue gap per unit in FY 2022-23, is expected to remain at the same level as FY 2018-19.

Year	Units	2018-19	2019-20	2020-21	2021-22	2022-23
		(Actual)	(Actual)	(Actual)	(Estimated)	(Proposed)
Net Deficit / Surplus	INR Cr.	(6,355)	(5,604)	(6,297)	(7,008)	(7,731)
ABR (incl. subsidy)	INR/kWh	5.27	5.51	5.52	5.48	5.56
ACOS	INR/kWh	6.85	6.91	7.17	7.12	7.14
ACOS-ABR Gap	INR/kWh	(1.58)	(1.40)	(1.65)	(1.63)	(1.58)

- **Power Purchase cost** constitutes ~75-80% of the total cost and is expected to grow at a CAGR of 4.7%.
 - Power purchase quantum requirement which was 46,531 MUs in FY 2018-19 is expected to increase at a CAGR of 4.4% to 55,299 MUs for FY 2022-23. This is predominantly due to the increase in agriculture sales due to 24x7 power supply initiative and upcoming HT Lift Irrigation loads.
 - The per-unit of power purchase cost is expected to increase from INR 4.71/kWh in FY 2018-19 to INR 4.78/kWh in FY 2022-23.
 - The increase in variable cost is majorly attributed to the increase in cost of domestic Coal and levy of Green Cess for all the major stations viz., TSGENCO Thermal power stations, CGS, Singareni and Thermal Power Tech.
 - For Thermal Power Tech, the increase in purchase cost was caused due to the increase in domestic coal prices, freight charges and forex rate variations on the imported coal component.
 - The introduction of Late Payment Surcharge mechanism for the Central Generating Stations by the Ministry of Power also added the financial burden on the licensees.

- Under the ongoing COVID-19 pandemic scenario, due to the lower demand, majority of the generating stations had lower PLFs, which have led to cases of higher per-unit fixed charge for some stations.
- **Network cost** constitutes ~20-25% of the total cost and is expected to grow at a CAGR of 10.7%.
 - Transmission and SLDC cost, is expected to grow at a CAGR of 25%, as per the contracted capacities considered in the MYT Order for 4th Control Period.
 - Distribution cost, is expected to grow at a CAGR of 8%.
 - Though, there has been a revision in the POC computation methodology, PGCIL costs, are expected to increase due to the upcoming CGS capacities (for eg. Telangana STPP Phase I)
- **Revenue –**
 - Telangana DISCOMs have continued with the same retail tariffs since FY 2016-17.
 - Though, the revenue at current tariffs are expected to grow at 6% from FY 2018-19 to FY 2022-23, the ABR throughout the years, have not been reflective of the ACOS, which is leading to a revenue gap.
 - The ACoS has increased from INR. 5.91 /kWh as approved by the Hon'ble Commission for FY 2018-19 to INR. 7.14 /kWh as estimated by TS Discoms for FY2022-23. This increase in the CoS is mainly due to increase in Power Purchase Cost and increase in network cost. The increase in CoS has led to a revenue gap of INR. 7,731 Crore for FY 2022-23. To reduce the revenue gap, the Licensee has undertaken various energy conservation and loss reduction activities besides increase in tariff for certain category of consumer for FY 2022-23.
 - Reasons for introduction of fixed charges for Domestic categories & hike in fixed charges for other relevant categories:

- Based on FY2022-23 existing tariff: Total fixed cost as a % of total ARR for FY 2022-23 is 56%, however the revenue recovered in terms of fixed charges from consumers as a % of total revenue is only 13%
- Based on FY2022-23 proposed tariff: The revenue recovered in terms of fixed charges from consumers as a % of total revenue is expected to increase to 15.7%

Hence, in order to provide relief to the DISCOMs incurring financial losses, it is imperative that the TS DISCOMs propose a tariff hike in the upcoming FY 2022-23.

The changes / modifications in tariff for consumers in these categories are as detailed in sections below.

1.1.1 LTI – Domestic

- The “Report on Rationalization of Electricity Tariffs, Oct’17” issued by MoP, Gol recommended the implementation of two-part tariffs with demand and energy charges for recovering fixed and variable costs respectively, for all tariff categories.
- In line with the recommendations of MoP, Gol, the Licensee proposes to introduce Fixed Charge to this category.
- The proposed Energy charges for various sub categories is as mentioned below:

i) LTI (A) – up to 100 units per month

Current Slab (units)	Present Energy Charge (Rs/unit)	Proposed Fixed Charge (Rs/ kW/ month)	Proposed Energy Charge (Rs/unit)
0-50	1.45	15	1.95
51-100	2.60		3.10

ii) LTI (B)(i) – Above 100 units & up to 200 units per month

Current Slab (units)	Present Energy Charge (Rs/unit)	Proposed Fixed Charge (Rs/ kW /month)	Proposed Energy Charge (Rs/unit)
0-100	3.30	15	3.80
101-200	4.30		4.80

iii) **LT I (B)(ii) – Above 200 units per month**

Current Slab (units)	Present Energy Charge (Rs/unit)	Proposed Fixed Charge (Rs/ kW /month)	Proposed Energy Charge (Rs/unit)
0-200	5.00	15	5.50
201-300	7.20		7.70
301-400	8.50		9.00
401-800	9.00		9.50
Above 800 units	9.50		10.00

The expected revenue gain due to change in the tariffs for this category is Rs. 694 Crores

1.1.2 LT II Non-Domestic/Commercial

In the present tariff conditions (clause No. 7.8), godowns are under commercial category except cold storage godowns which are primarily used for storage farmer produce only. Due to lack of clarity in this point some of the consumers misinterpreted the term “cold storage godowns” for Ice cream storage, commercial items storage etc.,

In this regard, the licensee proposes to include /clarification on “cold storage godowns” agricultural raw farm produce i.e., ginger, Tamarind, turmeric, vegetables, fruits or similar products etc., other than which cold storages comes under commercial category.

Hence, the licensee proposes to modify the relevant clause (clause No.7.8) as:

Existing Clause	Proposed Clause
<p>Applicability</p> <ul style="list-style-type: none"> • A consumer who undertakes Non Domestic activity. • A consumer who undertakes Commercial activity. 	<p>Applicability</p> <ul style="list-style-type: none"> • A consumer who undertakes Non Domestic activity. • A consumer who undertakes Commercial activity.

Existing Clause	Proposed Clause
<ul style="list-style-type: none"> • A Consumer who do not fall in any other LT category i.e., LT-I, LT-III to LT-VIII categories. • Consumers who avail supply of energy for lighting, fans, heating, air conditioning and power appliances in Commercial or Non-Domestic premises. For example, shops, business houses, offices, public buildings, hospitals, hostels, hotels, choultries, restaurants, clubs, theatres, cinema halls, bus stands and attached offices, railway stations, timber depots, photo studios, printing presses, all servicing & repairing centres (other than that of TSRTC), bus depots (other than that of TSRTC), laundries, dry cleaning units, gas/oil storage/transfer stations, warehouses, godowns (other than cold storage godowns), storage units or of such similar nature. • Educational institutions run by individuals, Non-Government Organizations or Private Trusts including student hostels of such educational institutions. 	<ul style="list-style-type: none"> • A Consumer who do not fall in any other LT category i.e., LT-I, LT-III to LT-IX categories. • Consumers who avail supply of energy for lighting, fans, heating, air conditioning and power appliances in Commercial or Non-Domestic premises. For example, shops, business houses, offices, public buildings, hospitals, hostels, hotels, choultries, restaurants, clubs, theatres, cinema halls, bus stands and attached offices, railway stations, timber depots, photo studios, printing presses, all servicing & repairing centres (other than that of TSRTC), bus depots (other than that of TSRTC), laundries, dry cleaning units, gas/oil storage/transfer stations, warehouses, godowns (including cold storage godowns), storage units or of such similar nature. • Educational institutions run by individuals, Non-Government Organizations or Private Trusts including student hostels of such educational institutions.

The Licensee proposes to make the following changes in the Fixed & Energy Charges to this category.

Category/Sub-Category/Slab Structure (units)	Present Fixed Charge (Rs/kW/month)	Proposed Fixed Charge (Rs/kW/month)	Present Energy Charge (Rs/unit)	Proposed Energy Charge (Rs/unit)
LT II(A): up to 50 units/month	50	60	6.00	7.00
LT II(B): Above 50 units/month				
0-100	60	70	7.50	8.50
101-300	60	70	8.90	9.90
301-500	60	70	9.40	10.40
>500	60	70	10.00	11.00
LT II(C): Advertisement Hoardings	60	70	12.00	13.00
LT II(D): Haircutting Salons consuming less than 200 units/month				
0-50	60	60	5.30	5.30
51-100	60	60	6.60	6.60
101-200	60	60	7.50	7.50

The expected revenue gain due to the change in the tariffs for this category is Rs. 304Crores.

1.1.3 LT III - Industrial

In the present tariff conditions, Industrial tariff is applicable for processing and/or preserving goods for sale. However, there is an ambiguity regarding the applicability of the category for the purpose of storing goods and then distributing for retail sale. In this regard, the licensee proposes to include clarification that, preserving of goods without any manufacturing/ processing of goods shall come under commercial activity.

Further, at present, LT-III tariff is applicable to Drinking water filtering plants using only Reverse Osmosis (RO) Process only. However, RO is the one of the technologies for water filtration process in the market and specifying "RO process" in particular is leading to operational difficulties. In view of the above, the licensee proposes to include /clarification on applicability of LT –III tariff applicable for, Drinking Water filtering plants using Reverse Osmosis (RO) /any other filtering process likely of similar nature.

Hence, the licensee proposes to modify the relevant clauses (clause No.7.16, 7.17, 7.18) as:

Existing Clause	Proposed Clause
<ul style="list-style-type: none"> • Industrial purpose shall mean, supply for purpose of manufacturing, processing and/or preserving goods for sale, but shall not include shops, business houses, offices, public buildings, hospitals, hotels, hostels, choultries, restaurants, clubs, theaters, cinemas, bus stations, railway stations and other similar premises, notwithstanding any manufacturing, processing or preserving goods for sale • Water Works & Sewerage Pumping Stations operated by Government Departments or Co-operative Societies and pump sets of Railways, pumping of water by industries as subsidiary function and sewerage pumping stations operated by local bodies and Drinking Water filtering plants using only Reverse Osmosis (RO) process. • Where the metering is on HT side, 1% of total energy consumed shall be deducted from recorded energy for the purpose of billing. • No manufacturing/ production certification shall be required, if the poultry farm has no in-house manufacturing activity such as feed mills. Poultry farms are exempted from general condition of 3 HP minimum load for releasing the service. 	<ul style="list-style-type: none"> • Industrial purpose shall mean, supply for purpose of manufacturing, processing ,also included preserving of finished products/ raw material at factory premises along with manufacturing and/or processing only, but shall not include shops, business houses, offices, public buildings, hospitals, hotels, hostels, choultries, restaurants, clubs, theaters, cinemas, bus stations, railway stations and other similar premises, notwithstanding any manufacturing, processing of goods. • Water Works & Sewerage Pumping Stations operated by Government Departments or Co-operative Societies and pump sets of Railways, pumping of water by industries as subsidiary function and sewerage pumping stations operated by local bodies and Drinking Water filtering plants using Reverse Osmosis (RO) /any other filtering process likely. • Where the metering is on HT side, 1% of total energy consumed shall be deducted from recorded energy for the purpose of billing. • No manufacturing/ production certification shall be required, if the poultry farm has no in-house manufacturing activity such as feed mills. Poultry farms are exempted from general condition of 3 HP minimum load for releasing the service. • No manufacturing/production certification shall be required for drinking water filtering

<ul style="list-style-type: none"> No manufacturing/ production certification shall be required for drinking water filtering plants using Reverse Osmosis (R.O.) process. 	plants using Reverse Osmosis (R.O.) / any other filtering process likely. These services are exempted from general condition of 3 HP minimum load and these services can be released under single phase supply also.
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The Licensee proposes to make the following changes in the Fixed & Energy Charges to this category.

Category/Sub-Category/Slab Structure (units)	Present Fixed Charge (Rs/kW/month)	Proposed Fixed Charge (Rs/kW/month)	Present Energy Charge (Rs/unit)	Proposed Energy Charge (Rs/unit)
LT III: Industry				
Industries	60	75	6.70	7.70
Seasonal Industries (off-season)	60	75	7.40	8.40
Pisciculture / Prawn culture	21	36	5.20	6.20
Sugarcane crushing	21	36	5.20	6.20
Poultry farms	50	65	6.00	7.00
Mushroom, Rabbit, Sheep and Goat Farms	60	75	6.30	7.30

The expected revenue gain due to the change in the tariffs for this category is Rs. 111Crores.

The licensee proposes to introduce monthly minimum energy charges for LT-III Industry category in line with HT-I Industry category.

The Hon'ble Commission is requested to include the following proposal on monthly minimum energy charges under LT-III Industry category

“Energy charges will be billed on the basis of actual energy consumption or 25 units per HP of Contracted Load, whichever is higher”

1.1.4 LT (IV) – Cottage Industries

The licensee does not propose any tariff change for this category.

1.1.5 LT (V – A & B) –Agriculture

The licensee does not propose any tariff change for this category.

1.1.6 LT VI – Street Lighting & Public water schemes

The Licensee proposes to make the following changes in the Fixed & Energy Charges to this category.

The charges for LT VI (A) – Street Lighting are as shown below

Category/Sub-Category/Slab Structure (units)	Present Fixed Charge (Rs/kW /month)	Proposed Fixed Charge (Rs/kW/month)	Present Energy Charge (Rs/unit)	Proposed Energy Charge (Rs/unit)
LT VI (A): Street Lighting				
Panchayats	32	32	6.10	7.10
Municipalities	32	32	6.60	7.60
Municipal Corporations	32	32	7.10	8.10

The expected revenue gain due to the change in the tariffs for this category is Rs. 24 Crores.

The charges for LT VI (B) – Public water schemes are as shown below

Category/Sub-Category/Slab Structure (units)	Present Fixed Charge (Rs/HP/month)	Present Fixed Charge (Rs/HP/month)	Present Energy Charge (Rs/unit)	Proposed Energy Charge (Rs/unit)
LT VI (B): PWS Scheme				
Panchayats	Rs 32/HP of contracted load subject to a minimum of Rs. 50	Rs 32/HP of contracted load subject to a minimum of Rs. 50	5.00	6.00
Municipalities	Rs 32/HP of contracted load subject to a minimum of Rs. 100	Rs 32/HP of contracted load subject to a minimum of Rs. 100	6.10	7.10

Municipal Corporations	Rs 32/HP of contracted load subject to a minimum of Rs. 100	Rs 32/HP of contracted load subject to a minimum of Rs. 100	6.60	7.60
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The expected revenue gain due to the change in the tariffs for this category is Rs. 23 Crores.

1.1.7 LT VII – General Purpose

The Licensee proposes to make the following changes in the Fixed & Energy Charges to this category.

Category/Sub-Category/Slab Structure (units)	Present Fixed Charge (Rs/kW /month)	Proposed Fixed Charge (Rs/kW/month)	Present Energy Charge (Rs/unit)	Proposed Energy Charge (Rs/unit)
LT VII: General				
LT VII(A): General Purpose	21	21	7.30	8.30
LT VII(B): Wholly Religious Places				
Load up to 2 kW	21	21	5.40	6.40
Load above 2 kW	21	21	6.00	7.00

The expected revenue gain due to the change in the tariffs for this category is Rs. 6Crores

1.1.8 LT (VIII) – Temporary Supply

The licensee has observed that the row houses and villas being constructed by the Real Estates/Developers which are meant for sale purpose are billed in LT-II: Non-Domestic/ Commercial Category, whereas the said activity has to be billed under LT-VIII: Temporary Supply Category on par with the construction of buildings having the height above 10 meters. Hence the following change is proposed in the applicability clause 7.3.7 of LT Temporary Supply Category

Existing Clause	Proposed Clause
<p>Applicability</p> <p>Construction activities like construction of all types of structures/infrastructure such as residential/commercial buildings (height of 10meters and above), bridges, fly-overs, dams, power stations, roads, aerodromes, tunnels for laying of pipelines, etc. The relevant tariff for temporary supply shall be applicable during the phase of construction. Construction activities of structure of height less than 10 meters will fall under LT-II and HT-II, as relevant.</p>	<p>Applicability</p> <p>Construction activities like construction of all types of structures/infrastructure such as residential/commercial buildings (height of 10meters and above), Row houses, Gated communities construction by Real Estates/Firms meant for sale purpose, bridges, fly-overs, dams, power stations, roads, aerodromes, tunnels for laying of pipelines, etc. The relevant tariff for temporary supply shall be applicable during the phase of construction. Construction activities of structure of height less than 10 meters will fall under LT-II and HT-II, as relevant.</p>

The Licensee proposes to make the following changes in the Fixed & Energy Charges to this category.

Category/Sub-Category/Slab Structure (units)	Present Fixed Charge (Rs/kW /month)	Proposed Fixed Charge (Rs/kW/m onth)	Present Energy Charge (Rs/unit)	Proposed Energy Charge (Rs/unit)
LT VIII: Temporary Supply	21	21	11.00	12.00

The expected revenue gain due to the change in the tariffs for this category is Rs. 7Crores.

1.1.9 LT (IX) – Electric Vehicle Charging Stations

The Licensee proposes to introduce Fixed charge for this category on par with other categories. Further, the licensee proposes the following Energy Charges.

Category/Sub-Category/Slab Structure (units)	Present Fixed Charge (Rs/kW/month)	Proposed Fixed Charge (Rs/kW/month)	Present Energy Charge (Rs/unit)	Proposed Energy Charge (Rs/unit)
LT IX: Electric Vehicle Charging Stations	-	50	6.00	7.00

The expected revenue gain due to the change in the tariffs for this category is Rs. 0.3 Crores

The licensee also proposes monthly minimum energy charges as follows:

- Single phase – Rs.65/month.
- Three Phase – Rs.200/month

1.1.10 HT I - Industrial

i) HT I (A) – Industrial

In line with the above mentioned modifications for LT category, the licensee proposes to modify the relevant clause (clause No.7.84) as:

Existing Clause	Modified Clause
This tariff is applicable for supply to all HT consumers using electricity for industrial purpose. Industrial purpose shall mean manufacturing, processing and/ or <i>preserving goods for sale</i> , but shall not include shops, Business Houses, Offices, Public Buildings, Hospitals, Hotels, Hostels, Choultries, Restaurants, Clubs, Theatres, Cinemas, Printing Presses, Photo Studios, Research & Development Institutions, Airports, Bus Stations, Railway Stations and other similar premises (The enumeration above is	This tariff is applicable for supply to all HT consumers using electricity for industrial purpose Industrial purpose shall mean, supply for purpose of manufacturing, <i>processing</i> , also included preserving of finished products/ raw material at factory premises along with manufacturing and/or processing only , but shall not include shops, business houses, offices, public buildings, hospitals, hotels, hostels, Choultries, restaurants, clubs, theaters, cinemas, Printing Presses, Photo Studios, Research & Development Institutions, Airports, Bus stations, railway stations and

illustrative but not exhaustive) not withstanding any manufacturing processing or preserving goods for sale.	other similar premises (The enumeration above is illustrative but not exhaustive),notwithstanding any manufacturing, processing of goods.
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The licensee proposes to make the following changes to the demand charges and energy charges for this category

Proposed vis-à-vis Present Demand and Energy Charges structure

Voltage Type	Present Demand Charge (Rs/kVA/month)	Proposed Demand Charge (Rs/kVA/month)	Present Energy Charge (Rs/unit)	Proposed Energy Charge (Rs/unit)
HT I(A): Industry General				
11 KV	390	475	6.65	7.65
33 KV	390	475	6.15	7.15
132 KV and above	390	475	5.65	6.65
HT I(A):Lights and Fans				
11 KV			6.65	7.65
33 KV			6.15	7.15
132 KV and above			5.65	6.65
HT I(A):Poultry Farms				
11 KV	390	475	6.65	7.65
33 KV	390	475	6.15	7.15
HT I(A):Industrial Colonies				
11 KV			6.30	7.30
33 KV			6.30	7.30
132 KV and above			6.30	7.30
HT I(A):Seasonal Industries				
11 KV	390	475	7.60	8.60
33 KV	390	475	6.90	7.90
132 KV and above	390	475	6.70	7.70
HT I(A):Optional Category with Load Up to 150 kVA				

11 KV	80	100	7.00	8.00
HT I: HMWSSB				
11 kV	390	475	3.95	4.95
33 kV	390	475	3.95	4.95
132 kV & Above	390	475	3.95	4.95

The expected revenue gain due to the change in the tariff structure for this category is Rs.1859Crores.

ii) HT I (B) – Ferro Alloys

The Licensee proposes to introduce fixed charges at Rs.475/kVA/month

The licensee proposes make the following changes to the energy charges for this category (Proposed tariff in line with HT -1 Industrial Category)

Proposed vis-à-vis Present Energy Charges structure

Voltage Type	Present Energy Charge (Rs/unit)	Proposed Energy Charge (Rs/unit)
11 KV	5.90	7.65
33 KV	5.50	7.15
132 KV and above	5.00	6.65

The expected revenue gain due to the change in the tariff structure for this category is Rs.48 Crores.

1.1.11 HT II – Others

In line with the above mentioned modifications for LT category-II, the licensee proposes to modify the relevant clause (clause No.7.98(a) &(d)) as:

Existing Clause	Modified Clause
(a) All HT Consumers other than those covered under HT Categories I and III to VII.	(a) All HT Consumers other than those covered under HT Categories I and III to IX.
(d) Consumers who avail supply of energy for lighting, fans, heating, air conditioning and power appliances in Commercial or Non-Domestic premises.	(d) Consumers who avail supply of energy for lighting, fans, heating, air conditioning and power appliances in Commercial or Non-Domestic premises. For example,

For example shops, business houses, offices, public buildings, hospitals, hostels, hotels, choultries, restaurants, clubs, theatres, cinema halls, timber depots, photo studios, printing presses, all servicing & repairing centres (other than that of TSRTC), bus depots (other than that of TSRTC), laundries, dry cleaning units. Gas/oil storage/transfer stations, warehouses, godowns (other than cold storage godowns), storage units or of similar nature.	shops, business houses, offices, public buildings, hospitals, hostels, hotels, choultries, restaurants, clubs, theatres, cinema halls, bus stands and attached offices, railway stations, timber depots, photo studios, printing presses, all servicing & repairing centers (other than that of TSRTC), bus depots (other than that of TSRTC), laundries, dry cleaning units, gas/oil storage/transfer stations, warehouses, godowns (including cold storage godowns), storage units or of such similar nature.
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The licensee proposes to make the following changes to the demand charges and energy charges for this category

Proposed vis-à-vis Present Demand and Energy Charges structure

Voltage Type	Present Demand Charge (Rs/kVA/month)	Proposed Demand Charge (Rs/kVA/month)	Present Energy Charge (Rs/unit)	Proposed Energy Charge (Rs/unit)
11 KV	390	475	7.80	8.80
33 KV	390	475	7.00	8.00
132 KV and above	390	475	6.80	7.80

The expected revenue gain due to the change in the tariff structure for this category is Rs. 430 Crores.

1.1.12 HT III – Airports, Bus Stations and Railway Stations

The licensee proposes to make the following changes to the demand charges and energy charges for this category

Proposed vis-à-vis Present Demand and Energy Charges structure

Voltage Type	Present Demand Charge (Rs/kVA/month)	Proposed Demand Charge (Rs/kVA/month)	Present Energy Charge (Rs/unit)	Proposed Energy Charge (Rs/unit)
11 KV	390	475	7.50	8.50
33 KV	390	475	6.85	7.85
132 KV and above	390	475	6.45	7.45

The expected revenue gain due to the change in the tariff structure for this category is Rs. 11 Crores.

1.1.13 HT IV– Irrigation and Agriculture and CPWS

i) HT IV(A)– Irrigation and Agriculture

The licensee proposes to make the following changes to the demand charges and energy charges for this category.

Voltage Type	Present Demand Charge (Rs/kVA/month)	Proposed Demand Charge (Rs/kVA/month)	Present Energy Charge (Rs/unit)	Proposed Energy Charge (Rs/unit)
11 KV	165	275	5.80	6.30
33 KV	165	275	5.80	6.30
132 KV and above	165	275	5.80	6.30

Demand charges would be levied on higher of 80% of Contracted maximum demand (CMD) or Recorded maximum demand (RMD) for operational months – July to November (5 months).

Demand charges would be levied on higher of 40% of CMD or RMD for non-operational months – December to June (7 months).

The expected revenue gain due to the change in the tariff structure for this category is Rs. 520 Crores.

ii) HT IV(B)– CP Water Supply Schemes

The licensee proposes to make the following changes to the demand charges and energy charges for this category.

Voltage Type	Present Demand Charge (Rs/kVA/month)	Proposed Demand Charge (Rs/kVA/month)	Present Energy Charge (Rs/unit)	Proposed Energy Charge (Rs/unit)
11 KV	-	-	5.10	6.10
33 KV	-	-	5.10	6.10
132 KV and above	-	-	5.10	6.10

The expected revenue gain due to the change in the tariff structure for this category is Rs. 62 Crores.

1.1.14 HT V(A) – Railway Traction

The licensee proposes to make the following changes to the demand charges and energy charges for this category

Proposed vis-à-vis Present Demand and Energy Charges structure

Voltage Type	Present Demand Charge (Rs/kVA/month)	Proposed Demand Charge (Rs/kVA/month)	Present Energy Charge (Rs/unit)	Proposed Energy Charge (Rs/unit)
132 KV and above	390	475	4.05	5.05

The expected revenue gain due to the change in the tariff structure for this category is Rs. 57 Crores.

1.1.15 HT V(B) – HMR

The licensee proposes to make the following changes to the demand charges and energy charges for this category

Proposed vis-à-vis Present Demand and Energy Charges structure

Voltage Type	Present Demand Charge (Rs/kVA/month)	Proposed Demand Charge (Rs/kVA/month)	Present Energy Charge (Rs/unit)	Proposed Energy Charge (Rs/unit)
132 KV and above	390	475	3.95	4.95

The expected revenue gain due to the change in the tariff structure for this category is Rs. 19 Crores.

1.1.16 HT VI – Townships & Residential Colonies

The licensee proposes to make the following changes to the demand charges and energy charges for this category

Proposed vis-à-vis Present Demand and Energy Charges structure

Voltage Type	Present Demand Charge (Rs/kVA/month)	Proposed Demand Charge (Rs/kVA/month)	Present Energy Charge (Rs/unit)	Proposed Energy Charge (Rs/unit)
11 KV	60	260	6.30	7.30
33 KV	60	260	6.30	7.30
132 KV and above	60	260	6.30	7.30

The expected revenue gain due to the change in the tariff structure for this category is Rs. 67 Crores.

1.1.17 HT VII – Temporary Supply

The licensee has observed that the row houses and villas being constructed by the Real Estates/Developers which are meant for sale purpose are billed in HT-II: Non-Domestic/Commercial Category, whereas the said activity has to be billed under HT-VII: Temporary Supply Category on par with the construction of buildings having the height above 10 meters. Hence the following change is proposed in the applicability clause 7.113 of HT Temporary Supply Category

Existing Clause	Proposed Clause
<p>Applicability</p> <p>Construction activities like construction of all types of structures/infrastructure such as residential/commercial buildings (height of 10meters and above), bridges, fly-overs, dams, power stations, roads, aerodromes, tunnels for laying of pipelines, etc. The relevant tariff for temporary supply shall be applicable during the phase of construction. Construction activities of structure of</p>	<p>Applicability</p> <p>Construction activities like construction of all types of structures/infrastructure such as residential/commercial buildings (height of 10meters and above), Row houses, Gated communities construction by Real Estates/Firms meant for sale purpose, bridges, fly-overs, dams, power stations, roads, aerodromes, tunnels for laying of pipelines, etc. The relevant tariff for temporary supply shall be applicable during</p>

height less than 10 meters will fall under LT-II and HT-II, as relevant.	the phase of construction. Construction activities of structure of height less than 10 meters will fall under LT-II and HT-II, as relevant.
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The licensee proposes to make the following changes to the demand charges and energy charges for this category

Proposed vis-à-vis Present Demand and Energy Charges structure

Voltage Type	Present Demand Charge (Rs/kVA/month)	Proposed Demand Charge (Rs/kVA/month)	Present Energy Charge (Rs/unit)	Proposed Energy Charge (Rs/unit)
11 KV	500	500	10.80	11.80
33 KV	500	500	10.00	11.00
132 KV and above	500	500	9.80	10.80

The expected revenue gain due to the change in the tariff structure for this category is Rs. 15 Crores.

1.1.18 HT IX – Electric Vehicle Charging Stations

The licensee proposes to make the following changes to the energy charges for this category.

Proposed vis-à-vis Present Demand and Energy Charges structure

Voltage Type	Present Demand Charge (Rs/kVA/month)	Proposed Demand Charge (Rs/kVA/month)	Present Energy Charge (Rs/unit)	Proposed Energy Charge (Rs/unit)
11 KV	-	100	6.00	7.00
33 KV	-	100	6.00	7.00
132 KV and above	-	100	6.00	7.00

The expected revenue gain due to the change in the tariff structure for this category is Rs. 2 Crores.

The licensee also proposes monthly minimum energy charges for all voltage levels as 25 units per kVA of billing demand per month.

1.1.19 ToD Incentive (10PM to 6 AM):

The licensee proposes to change the ToD incentive from Rs.1/unit to Rs.0.50/unit for the applicable categories viz., HT-I Industrial, HT-II Others, HT-III Railways, Bus Stations & Airports and HT-IX EV Charging Stations.

1.1.20 Summary of Existing and Proposed Electricity Retail Supply Tariffs

Consumer Category/ Sub-Category/ Slab Structure (units)	Fixed / Demand Charge unit	Existing Tariff		Proposed Tariff	
		Fixed/ Demand Charge (Rs./month)	Energy Charge (Rs./kWh or kVAh)	Fixed/ Demand Charge (Rs./month)	Energy Charge (Rs./kWh or kVAh)
LT-I Domestic					
LT-I (A): Upto 100 Units/Month					
0-50	kW	-	1.45	15	1.95
51-100	kW	-	2.60		3.10
LT-I(B)(i): Above 100 units/month & up to 200 units/month					
0-100	kW	-	3.30	15	3.80
101-200	kW	-	4.30		4.80
LT-I(B)(ii): Above 200 units/month					
0-200	kW	-	5.00	15	5.50
201-300	kW	-	7.20		7.70
301-400	kW	-	8.50		9.00
401-800	kW	-	9.00		9.50
Above 800 units	kW	-	9.50		10.00
LT II: Non Domestic/Commercial					
LT II (A): Upto 50 Units/Month					
0-50	kW	50	6.00	60	7.00
LT II (B): Above 50 Units/Month					
0-100	kW	60	7.50	70	8.50
101-300	kW	60	8.90	70	9.90
301-500	kW	60	9.40	70	10.40
Above 500	kW	60	10.00	70	11.00
LT II (C): Advertisement Hoardings	kW	60	12.00	70	13.00
LT-II(D): Haircutting Salons consuming upto 200 Units/Month					
0-50	kW	60	5.30	60	5.30
51-100	kW	60	6.60	60	6.60
101-200	kW	60	7.50	60	7.50
LT-III: Industry					
Industries	kW	60	6.70	75	7.70
Seasonal Industries (off-season)	kW	60	7.40	75	8.40
Pisciculture/Prawn Culture	kW	21	5.20	36	6.20
Sugarcane Crushing	kW	21	5.20	36	6.20
Poultry Farms	kW	50	6.00	65	7.00
Mushroom, Rabbit, Sheep & Goat farms	kW	60	6.30	75	7.30
LT-IV: Cottage Industries					

Consumer Category/ Sub-Category/ Slab Structure (units)	Fixed / Demand Charge unit	Existing Tariff		Proposed Tariff	
		Fixed/ Demand Charge (Rs./month)	Energy Charge (Rs./kWh or kVAh)	Fixed/ Demand Charge (Rs./month)	Energy Charge (Rs./kWh or kVAh)
LT-IV(A): Cottage Industries	kW	20/kW subject to a minimum of Rs.30/Month	4.00	20/kW subject to a minimum of Rs.30/Month	4.00
LT-IV(B): Agro Based Activities	kW	20/kW subject to a minimum of Rs.30/Month	4.00	20/kW subject to a minimum of Rs.30/Month	4.00
LT-V: Agriculture					
LT-V(A): Agriculture (DSM Measures Mandatory)					
Corporate Farmers	HP	-	2.50	-	2.50
Other than Corporate Farmers	HP	-	0.00	-	0.00
LT-V(B): Others					
Horticulture Nurseries with CL upto 15 HP	HP	20	4.00	20/HP	4.00
LT-VI: Street Lighting and PWS Schemes					
LT-VI(A): Street Lighting					
Panchayats	kW	32	6.10	32	7.10
Municipalities	kW	32	6.60	32	7.60
Municipal Corporations	kW	32	7.10	32	8.10
LT-VI(B): PWS Schemes					
Panchayats	HP	32/HP subject to a minimum of Rs.50/month	5.00	32/HP subject to a minimum of Rs.50/month	6.00
Municipalities	HP	32/HP subject to a minimum of Rs.100/month	6.10	32/HP subject to a minimum of Rs.100/month	7.10
Municipal Corporations	HP	32/HP subject to a minimum of Rs.100/month	6.60	32/HP subject to a minimum of Rs.100/month	7.60
LT-VII: General					
LT-VII(A): General Purpose	kW	21	7.30	21	8.30
LT-VII(B): Wholly Religious Places					
Load Upto 2 Kw	kW	21	5.40	21	6.40
Load above 2 kW	kW	21	6.00	21	7.00
LT-VIII: Temporary Supply	kW	21	11.00	21	12.00
LT- IX: Electric Vehicle Charging Stations	kW	-	6.00	50	7.00
HT-I: Industry					
HT-I(A): Industry-General					
11 kV	kVA	390	6.65	475	7.65
33 kV	kVA	390	6.15	475	7.15
132 kV & above	kVA	390	5.65	475	6.65
HT-I(A): Light and Fans					
11 kV		-	6.65	-	7.65
33 kV		-	6.15	-	7.15

Consumer Category/ Sub-Category/ Slab Structure (units)	Fixed / Demand Charge unit	Existing Tariff		Proposed Tariff	
		Fixed/ Demand Charge (Rs./month)	Energy Charge (Rs./kWh or kVAh)	Fixed/ Demand Charge (Rs./month)	Energy Charge (Rs./kWh or kVAh)
132 kV & above		-	5.65	-	6.65
HT-I(A): Poultry Farms					
11 kV	kVA	390	6.65	475	7.65
33 kV	kVA	390	6.15	475	7.15
HT-I(A): Industrial Colonies					
11 kV		-	6.30		7.30
33 kV		-	6.30		7.30
132 kV & above		-	6.30		7.30
HT-I(A): Seasonal Industries					
11 kV	kVA	390	7.60	475	8.60
33 kV	kVA	390	6.90	475	7.90
132 kV & above	kVA	390	6.70	475	7.70
HT-I(A): Optional Category with Load Upto 150 kVA					
11 kV	kVA	80	7.00	100	8.00
HT-I(A): HMWSSB					
11 kV	kVA	390	3.95	475	4.95
33 kV	kVA	390	3.95	475	4.95
132 kV & Above	kVA	390	3.95	475	4.95
HT I: Time of Day Tariffs (6 AM to 10 AM)					
11 kV		-	7.65	-	8.65
33 kV		-	7.15	-	8.15
132 kV & above		-	6.65	-	7.65
HT I: Time of Day Tariffs (6 PM to 10 PM)					
11 kV		-	7.65	-	8.65
33 kV		-	7.15	-	8.15
132 kV & above		-	6.65	-	7.65
HT I: Time of Day Tariffs (10 PM to 6 AM)					
11 kV		-	5.65	-	7.15
33 kV		-	5.15	-	6.65
132 kV & above		-	4.65	-	6.15
HT I (A): Poultry Farms – Time of Day Tariffs (6 AM to 10 AM)					
11 kV		-	7.65		8.65
33 kV		-	7.15		8.15
HT I (A): Poultry Farms – Time of Day Tariffs (6 PM to 10 PM)					
11 kV		-	7.65		8.65
33 kV		-	7.15		8.15
HT I (A): Poultry Farms – Time of Day Tariffs (10 PM to 6 AM)					
11 kV		-	5.65		7.15
33 kV		-	5.15		6.65
HT-I(B): Ferro Alloy Units					
11 kV		-	5.90	475	7.65

Consumer Category/ Sub-Category/ Slab Structure (units)	Fixed / Demand Charge unit	Existing Tariff		Proposed Tariff	
		Fixed/ Demand Charge (Rs./month)	Energy Charge (Rs./kWh or kVAh)	Fixed/ Demand Charge (Rs./month)	Energy Charge (Rs./kWh or kVAh)
33 kV		-	5.50	475	7.15
132 kV & above		-	5.00	475	6.65
HT-II: Others					
11 kV	kVA	390	7.80	475	8.80
33 kV	kVA	390	7.00	475	8.00
132 kV & above	kVA	390	6.80	475	7.80
HT-II:Time of Day Tariffs (6 AM to 10 AM)					
11 kV		-	8.80	-	9.80
33 kV		-	8.00	-	9.00
132 kV & above		-	7.80	-	8.80
HT-II:Time of Day Tariffs (6 PM to 10 PM)					
11 kV		-	8.80	-	9.80
33 kV		-	8.00	-	9.00
132 kV & above		-	7.80	-	8.80
HT-II:Time of Day Tariffs (10 PM to 6 AM)					
11 kV		-	6.80	-	8.30
33 kV		-	6.00	-	7.50
132 kV & above		-	5.80	-	7.30
HT-III: Airports, Bus Stations and Railway Stations-					
11 kV	kVA	390	7.50	475	8.50
33 kV	kVA	390	6.85	475	7.85
132 kV & above	kVA	390	6.45	475	7.45
HT-III:Time of Day Tariffs (6 AM to 10 AM)					
11 kV		-	8.50	-	9.50
33 kV		-	7.85	-	8.85
132 kV & above		-	7.45	-	8.45
HT-III:Time of Day Tariffs (6 PM to 10 PM)					
11 kV		-	8.50	-	9.50
33 kV		-	7.85	-	8.85
132 kV & above		-	7.45	-	8.45
HT-III:Time of Day Tariffs (10 PM to 6 AM)					
11 kV		-	6.50	-	8.00
33 kV		-	5.85	-	7.35
132 kV & above		-	5.45	-	6.95
HT-IV(A): Irrigation & Agriculture					
11 kV	kVA	165	5.80	275	6.30
33 kV	kVA	165	5.80	275	6.30
132 kV & above	kVA	165	5.80	275	6.30
HT-IV(B): CP Water Supply Schemes					
11 kV	kVA	-	5.10	-	6.10
33 kV	kVA	-	5.10	-	6.10
132 kV & above	kVA	-	5.10	-	6.10
HT-V: Railway Traction & HMR					
HT-V(A): Railway Traction	kVA	390	4.05	475	5.05

Consumer Category/ Sub-Category/ Slab Structure (units)	Fixed / Demand Charge unit	Existing Tariff		Proposed Tariff	
		Fixed/ Demand Charge (Rs./month)	Energy Charge (Rs./kWh or kVAh)	Fixed/ Demand Charge (Rs./month)	Energy Charge (Rs./kWh or kVAh)
HT-V(B): HMR Traction	kVA	390	3.95	475	4.95
HT-VI: Townships & Residential Colonies					
11 kV	kVA	60	6.30	260	7.30
33 kV	kVA	60	6.30	260	7.30
132 kV & above	kVA	60	6.30	260	7.30
HT VII: Temporary					
11 kV	kVA	500	10.80	500	11.80
33 kV	kVA	500	10.00	500	11.00
132 kV & above	kVA	500	9.80	500	10.80
HT-IX: Electric Vehicle Charging Stations					
11 kV	kVA	-	6.00	100	7.00
33 kV	kVA	-	6.00	100	7.00
132 kV & above	kVA	-	6.00	100	7.00
HT-IX:Time of Day Tariffs (6 AM to 10 AM)					
11 kV		-	7.00	-	8.00
33 kV		-	7.00	-	8.00
132 kV & above		-	7.00	-	8.00
HT-IX:Time of Day Tariffs (6 PM to 10 PM)					
11 kV		-	7.00	-	8.00
33 kV		-	7.00	-	8.00
132 kV & above		-	7.00	-	8.00
HT-IX:Time of Day Tariffs (10 PM to 6 AM)					
11 kV		-	5.00	-	6.50
33 kV		-	5.00	-	6.50
132 kV & above		-	5.00	-	6.50

1.1.21 Customer Charges:

The licensee proposes the following customer charges for FY22-23:

Category	Present Customer Charge (Rs /month)	Proposed Customer Charge (Rs/month)
Low Tension		
LT-I: Domestic (units/month)		
0-50	25	40
51-100	30	70

101-200	50	90
201-300	60	100
301-400	80	120
401-800	80	140
Above 800 units	80	160
LT II (A&B):Non-Domestic/Commercial (units/month)		
0-50	45	50
51-100	55	90
101-300	65	105
301-500	65	120
Above 500 units	65	160
LT II(C): Advertisement Hoardings	70	160
LT II(D): Haircutting Salons with consumption upto 200 units per month		
0-50	45	45
51-100	55	55
101-300	65	65
LT-III: Industry up to 20 HP	75	100
LT-III: Industry 21-50 HP	300	350
LT-III: Industry 51-100 HP	1125	1200
LT IV: Cottage Industries	45	50
LT V: Agriculture	30	30
LT VI: Street Lighting & PWS	50	120
LT VII: General Purpose	60	100
LT VIII: Temporary Supply	65	100
LT IX: Electric Vehicle charging stations	-	120
HT:11 kV	1685	2000
HT:33 kV	1685	3500
HT:132 kV and Above	3370	5000

The expected revenue gain due to the change in the tariff structure for this category is Rs. 366 Crores.

2 Other Tariff Proposals

2.1 Other Tariff Proposals for FY 2022-23

2.1.1 Green Tariff for Industrial & Commercial consumers

Background

There is a growing demand from consumers for a rapid transition to a zero-carbon economy. Over 340 of the world's most influential companies have already made this commitment through the global corporate leadership initiative, RE100.

Government of India is also promoting RE in a big way and has kept an aggressive target of 450 GW of RE by 2030. Indian corporates are also playing key role in achieving the aggressive target of the Government as corporate citizens, simultaneously availing the additional advantage of being zero carbon companies.

In this context, some of the corporate consumers of Telangana are also stressing to become zero carbon company and eyeing for the elite club of those companies having zero carbon emission.

Since, many such Commercial and Industrial (C&I) consumers may approach the Telangana Discoms in future, for their corporate commitments, there should be a common solution for all such cases. The following paragraphs illustrate the issues in the existing available options and the solution proposed for meeting the 100% RE objective of such consumers.

Issues in the Existing Available Options –

A. Open Access

As per TSERC Practice Directions on Implementation of Open Access on Mixed Feeders (other than Agricultural loads) in Terms and Conditions of Open Access to Intra-State Transmission and Distribution Networks Regulation, Open access has to be allowed only to those consumers who give undertaking that they avail supply within the contracted maximum demand (CMD) entered with the Discom. So, restricting Open Access capacity within the CMD, will not be enough to meet the objective of 100% RE procurement.

B. Banking

To address the mismatch between the generation and load patterns, the state has the banking facility in place, as introduced in the Telangana solar policy 2015. Currently, the banking year for solar energy for Telangana is from April to March, with the restriction

that the banked energy units cannot be consumed in the peak months (February to June) and the peak hours (6 PM to 10 PM).

It has to be noted that the banking facility can help address the mismatch, but can't totally eliminate the same. Some portion of the existing consumption has to be met via procurement from Discom, which will not be suitable for consumers targeting 100% RE procurement.

C. REC Market

a) Existing status of REC trading

CERC¹ during June 2020 had revised the Forbearance and Floor prices of solar RECs from INR 2,400/MWh and INR 1,000/MWh to INR 1,000/MWh and zero, respectively. Many stakeholders have filed petitions against the aforesaid order, following which APTEL in July 2020 had put a stay on the trading until further notice

Following this order REC trading was halted for a period of 16 months. Now, APTEL during November 2021 had dismissed this order passed by the CERC, which has paved the way for REC trading to resume on the power exchanges from November 24, 2021.

Considering this uncertainty in the existing REC market, it may not be conducive for C&I consumers to meet its 100% RE requirement via purchase of RECs.

b) Transfer of RECs –

RECs can be only traded in the power exchange, and cannot be transferred². The relevant extract from the CERC REC regulations is mentioned below -

“8. Dealing in the certificates

(1) [Unless otherwise specifically permitted by the Commission by order, the certificate shall be dealt only through the power exchange and not in any other manner except as provided in clause (3) of this regulation.]

(2) The Certificate issued to eligible entity by the Central Agency may be placed for dealing in any of the Power Exchanges as the Certificate holder may consider appropriate, and such Certificate shall be available for dealing in accordance with the rules and byelaws of such Power Exchange:

¹CERC Order dated 17.06.2020, on determination of Forbearance and Floor Prices for the REC framework

²CERC (Terms and Conditions for Recognition and Issuance of Renewable Energy Certificate for Renewable Energy Generation) Regulations, 2010,

Provided that the Power Exchanges shall obtain prior approval of the Commission on the rules and byelaws including the mechanism for discovery of price of the Certificates in the Power Exchange.

[(3) An eligible renewable energy generator including an eligible captive generating plant shall be permitted to retain the certificates for offsetting its renewable purchase obligation as a consumer subject to certification and verification by the concerned State Agency:]”

Hence, under the existing regulations, Telangana DISCOMs cannot transfer its RECs (when claimed for excess RPO) with any other party.

Proposal for meeting the 100% RE objective of C&I consumers – Green Tariff

It is pertinent to mention here that the Telangana Discoms are most suitably placed to meet the 100% RE procurement objective of the interested consumers and the below challenges need not be faced by consumers -

- Imbalance settlement charges – No additional cost of storage solutions which will have to make such RE procurement RTC power and consumable
- Banking and consequent charges which will impact the RE capacity to be sourced and may not meet 100% energy requirements of the consumer
- Easy and quick scale up of energy requirement by consumer when sourcing RE from Discom
- No development related risks and costs to the consumers

Hence, Telangana Discoms propose to charge a “Green Power Tariff” to the interested C&I consumers to meet their 100% RE commitment, by utilizing its existing RE procurement in excess of its RPO obligation. Telangana Discoms believe that proposal for a Green Power Tariff, can be the possible way forward that will ensure the viability of all the parties involved, while meeting the 100% RE procurement objectives of the C&I consumer.

Proposed Green Power Tariff = Existing Retail tariff plus a Premium charge

Such Premium Charge shall be reflective of the additional cost incurred by Discom on RE over its APPC and also compensates them for intermittent nature of RE i.e. act as a bank and safeguard C&I consumers for incurring this additional burden.

Further, Green Power Tariff will ensure that the extra charges for procurement of RE being charged from the specific consumers would not increase the cost to be borne by other consumers.

The existing green tariff models in India and the proposed methodology for determination of such premium charge is discussed in the subsequent paragraphs.

Existing Green Tariff Models in India

A. Andhra Pradesh

In the Tariff Order for FY 2008-09, APERC had introduced the Green Power Tariff at INR 6.70 /kWh for consumers who voluntarily opt for the Green Power. In its latest Tariff Order for FY 2021-22, AP has determined the green power tariff at INR 12.25/ kVAh (No demand/ fixed charges).

B. Karnataka

From December 7, 2010, HT consumers in Karnataka could opt for green power (electricity bundled with RE attributes) directly from the utility by paying an additional Rs. 1/kWh on their existing grid tariff (power thus procured would be over and above their RPO), which was termed as a “green tariff” in the KERC Tariff Order for FY 2010-11. This was determined by considering the difference of the cost of power purchase (INR/kWh) of RE sources and Non-RE sources, grossed up with the Transmission and Distribution Losses.

In order to encourage generation and use of green power in the State, this was reduced to Rs. 0.50/kWh by the KERC in its order dated May 13, 2013 and has been maintained at this level in its most recent order of June 09, 2021.

C. Maharashtra

In its Order dated 22nd March 2021, MERC allowed levy of the Green Power Tariff of Rs. 0.66/ kWh, which is over and above the normal tariff of the respective category as per Tariff Orders, which shall be levied to the consumers opting for meeting their demand by 100% green energy.

This was determined by considering 50% of the difference of the cost of RE sources and the Non-RE sources (only variable part), over the MYT period, consolidated for all the distribution licensees in the state of Maharashtra.

Final Prayer – Proposed methodology for determination of Green Tariffs in Telangana

Telangana Discoms humbly request to the Hon'ble Commission to approve the green tariff based on the following methodology, which is in line with the methodology followed by MERC in its order dated 22.03.2021 –

Discom	RE power procurement for FY 2020-21			Non-RE power procurement (only variable cost) for FY 2020-21			Diff Between RE & Non-RE cost
	MU	INR Cr.	INR/kWh	MU	INR Cr.	INR/kWh	INR/kWh
TSSPDCL	4517	2692	5.96	39535	9441	2.39	3.57
TSNPDCL	2041	1155	5.66	19587	5308	2.71	2.95
Total	6558	3848	5.87	59123	14748	2.49	3.37

Since the Telangana Discoms want to encourage companies/ consumers who wants to fulfil their green energy/ zero carbon emission commitments, it is proposed to levy only a portion of the charge determined above i.e.~ **INR 2.00/kWh** as the additional premium over and above the existing retail tariffs of the C&I consumers, as Green Tariffs.

Hence, Telangana Discoms propose to the Hon'ble Commission **to allow them to charge INR 2.00kWh over and above the retail supply tariffs of the C&I consumers to meet their objectives of 100% RE procurement.** Telangana Discoms shall utilize their existing RE procurement in excess of their RPO obligation for enabling the C&I consumers for achieve the abovementioned objectives.

2.1.2 Parallel operation charges/Grid Support Charges proposal

Background

The parallel operation is defined as activity where one electrical system operates with the connectivity to another system in similar operating conditions. The CPPs opt for parallel operation to seek safety, security and reliability of operation with the support of a much larger and stable system as afforded by the grid.

Context for Parallel Operation with the Grid

The circumstances under which a captive power plant seeks to operate in parallel with a large interconnected grid are as follows:

- CPPs having surplus capacity over and above their own requirement, connected in parallel with the grid in order to sell power to the grid or bank such surplus energy, which is a general phenomenon in seasonal industries.

- CPPs having load of such nature that results in large momentary peaks, starting currents and runs the plant in parallel to avail the support of grid beyond the contract demand.
- Process industries with CPP's runs in parallel in order to avail continuous power supply, in the event of failure of CPP generating units.
- Black start of CPP, where the startup power is required to restart the units.

(Source – CSERC Discussion paper on PoC determination dt. 01.06.2008)

Advantages and Disadvantages of Parallel Operation

The Advantages and Disadvantages of Parallel Operation have been explained in detail, in the Hon'ble CSERC order dated 31.12.2008, the excerpt of which is as follows:

“10.1 Advantages to CPPs:

- (1) The fluctuations in the load are absorbed by the utility grid in the parallel operation mode. This will reduce the stresses on the captive generator and equipments. The bulk consumer can operate his generating units at constant power generation mode irrespective of his load cycle.***
- (2) Fluctuating loads of the industries connected in parallel with the grid inject harmonics into the grid. The current harmonics absorbed by the utility grid is much more than that by CPP generator. These harmonics flowing in the grid system are harmful to the equipments and are also responsible for polluting the power quality of the system.***
- (3) Negative phase sequence current is generated by unbalance loads. The magnitude of negative phase sequence current is much higher at the point of common coupling than at generator output terminal. This unbalance current normally creates problem of overheating of the generators and other equipments of CPP, if not running in parallel with grid. When they are connected to the grid, the negative phase sequence current flows into the grid and reduces stress on the captive generator.***
- (4) Captive power plants have higher fault level support when they are running in parallel with the grid supply. Because of the higher fault level, the voltage drop at load terminal is less when connected with the grid.***

- (5) *On account of increase in plant load factor of captive generator, additional revenues can be generated by the CPPs by sale of surplus power to the utility.*
- (6) *In addition to the above, CPPs enjoy the following advantages also:*
- (i) *In case of fault in a CPP generating unit or other equipment, bulk consumers can draw the required power from the grid and can save their production loss.*
 - (ii) *The grid provides stability to the plant to start heavy loads like HT motors.*
 - (iii) *The variation in the voltage and frequency at the time of starting large motors and heavy loads, is minimized in the industry, as the grid supply acts as an infinite bus. The active and reactive power demand due to sudden and fluctuating load is not recorded in the meter.*
 - (iv) *The impact created by sudden load throw off and consequent tripping of CPP generator on over speeding is avoided with the grid taking care of the impact.*
 - (v) *The transient surges reduce the life of equipment of the CPP. In some cases, the equipment fails if transient is beyond a limit. If the system is connected to the grid, it absorbs the transient load. Hence, grid enhances the life of CPP equipments.*

.....

10.4 Disadvantage of Parallel Operation to Utility:

- (1) *Load fluctuations of captive consumer are passed on to the utility's system thereby the efficiency of utility's system may be affected, which may also impact on utility's other consumers.*
- (2) *In case of an ungrounded (or grounded through resistance) system supply, fault on interconnecting line (consumer's side) results in interruption of system. For single phase to ground fault which are 80 to 85% of the short circuit fault level, the grounding of the system is achieved through the neutral or step-down transformer of the utility, when the generator runs in parallel with the utility's grid. This supply is likely to cause damage to the terminal equipments at utility's sub-stations and line insulators, as voltage on the other two healthy phases rise beyond the limit, under such conditions.*

- (3) *The utility has to sustain the impact of highly fluctuating peak loads like that of arc furnace, rolling mill, etc. for which it does not get any return on the capital invested to create system reserve.*
- (4) *The variation in reactive power requirement increases the system losses and lowering of the voltage profile. Utility has to bear the cost of such effects.*
- (5) *The lower voltage profile and fluctuations affect the service to the neighboring consumers due to deterioration in quality of supply, thus resulting in revenue loss to the utility.*
- (6) *Non-recording of high fluctuating / sudden active and reactive demand by the meter results in financial losses.”*

APERC Order on the determination of Grid Support Charges

Hon'ble APERC in its order dated 08.02.2002 approved the proposals of APTRANSCO to levy Grid Support charges for parallel operation of CPPs the excerpt of which is mentioned below:

*“Grid Support Charges on a petition moved by the APTRANSCO, the Commission initiated proceedings to elicit the views of the affected parties through public notice and public hearing. After ascertaining the reactions of consumers who might get affected and other organizations, **the Commission approved the proposals of APTRANSCO to levy Grid Support Charges for parallel operation of Captive Power Plants (CPPs) with the Grid by Order dated 08.02.2002 in O.P.No. 1/1999. This charge will be applicable on the difference between the total capacity of a CPP in kVA and the Contracted Maximum Demand in kVA with the Licensee and all other sources of supply, at a rate equal to 50% of the prevailing demand charge for HT consumers (Rs.170 per kVA/month, on the date of issue of the Order).In case of CPPs exporting firm power to APTRANSCO, the capacity which is dedicated to such export will also be additionally subtracted from the CPP capacity”.***

AP High Court had set aside the above order passed by APERC and the appeals were preferred by the APTRANSCO and APERC before Supreme Court. **Hon'ble Supreme court in its order on Determination of Grid support charges dated 29.11.2019 upheld the Hon'ble APERC's order quoted above concerning Grid support charges**, the excerpt of which is as below,

“12. the service of grid support became a component for which APTRANSCO was required to be compensated as CPPs running in parallel obtains benefits to keep the system and grid up and running, it is important to invest and maintain the system periodically and the grid support cannot be given free to a nexus of third party private Generators and HT consumer. The significant benefit which a CPP gets is in case of outage of CPP generator power is drawn from the grid, and in case of tripping, the entire load is transferred on to the grid. **Such disturbance is catered by way of grid support and equipment installed by the APTRANSCO/DISCOM and involves investment through public exchequer.**

14. The Commission vide order dated 8.2.2002, held that grid support charges would be payable at the rate of 50 percent of prevailing demand charges on the differential of CPP capacity and CMD....The High Court has set aside the order passed by the Commission. Hence, the appeals have been preferred by the APTRANSCO and APERC.

64. Any Government Order or Incentive Scheme does not govern the Grid Support Charges. Grid Code is the basis for levy of the Grid Support Charges, which came to be approved by the Commission on 26.5.2001. The same is also reflected in the impugned order.The Grid Support Charges can be levied, and the order dated 8.2.2002 of the Commission is, thus on the parity of the reasonings, has to be upheld considering the provisions of Section 21 (3) of the Reforms Act, 1998. Under section 11 read with section 26 of the Reforms Act, 1998, all fixed charges under the distribution and Grid Support Charges are leviable only at the instance of a distribution company, and because of the discussion above, the **Commission has the powers to determine it.** In the agreements also there is a power where the Board could have fixed the Grid Support Charge unilaterally, but because of Reforms Act, 1998 came to be enacted, the application was filed in the Commission. After that, the Commission has passed the order in accordance with the law. We find no fault in the same. **Thus, the order of the Commission concerning the Grid Support Charges has to be upheld...**”

Proposal for Determination of Grid Support Charges for Telangana – FY 2022-23

Based on the above submissions, the licensee feels that there is a need to levy Grid support charges on the Captive consumers in its area, for the benefits they are availing during its parallel operation with the licensee grid network. For the time being, **the licensee humbly requests to the Hon'ble Commission** to consider the methodology

adopted in the APERC order 08.02.2002 and subsequently upheld by Supreme Court via judgment dated 29.11.2019 as below

“Persons operating Captive Power Plants (CPPs) in parallel with T.S. Grid have to pay ‘Grid Support Charges’ for FY 2022-23 on the difference between the capacity of CPP in kVA and the contracted Maximum Demand in kVA with Licensee and all other sources of supply, at a rate equal to 50% of the prevailing demand charge for HT Consumers. In case of CPPs exporting firm power to TSTRANSCO, the capacity, which is dedicated to such export, will also be additionally subtracted from the CPP capacity.”

2.1.3 Proposal for changes in General and specific conditions of LT and HT Tariff:

i) Single Service for common usage in a multi-storied building/ apartment – Change in Specific Conditions of LT tariff:

1) The licensee has observed that multiple services are initially released for a multi-storied building/apartment based on the applicability clause 7.4 of LT-I: Domestic i.e., ‘the households having a separate kitchen will be treated as a separate establishment’. Later the consumers have been using the released multiple services for single common purpose i.e., office, hostel, school, etc., and availing cost benefit by splitting the consumption leading to revenue loss to the Company. The Discoms are unable to club the above said multiple services as the consumers are approaching the Courts and due to lack of clarity in the specific terms and conditions of tariff, the orders are being issued in favour of the consumers. Hence, the licensee proposes to limit one service for a multi-storied building/apartment in case of usage of total plinth area is occupied by a single owner/tenant.

2) Further, multiple services are being released for common usage like water supply, common lights and lifts in a multi-storied building/apartment due to lack of clarity in specific terms and conditions specified in clause 7.45 of the tariff order for billing the common services in multi-storied buildings. Hence, the licensee proposes to limit single service for common usage in multi-storied buildings.

In this regard, the following changes are proposed in the Category wise specific conditions of LT tariff in the clause 7.44 and 7.45

Existing Clause	Proposed Clause
<p>Category wise specific conditions of LT tariff</p> <p>LT-I: Domestic</p> <p>7.44 Where electricity supplied to domestic premises is required to be used for non-domestic or commercial purposes, a separate connection should be taken for such loads under LT-II category, failing which the entire supply shall be charged at LT-II category tariff, apart from liability for penal charges as per the terms and conditions of the supply.</p>	<p>Category wise specific conditions of LT tariff</p> <p>LT-I: Domestic</p> <p>7.44 Where electricity supplied to domestic premises is required to be used for non-domestic or commercial purposes, a separate connection should be taken for such loads under LT-II category, failing which the entire supply shall be charged at LT-II category tariff, apart from liability for penal charges as per the terms and conditions of the supply.</p> <p>Where multiple services are provided for a multi-storied building/ apartment/residential houses under any LT categories and billed accordingly and subsequently found that the consumer utilizes these services for a single common purpose like offices, hostels, schools, etc., such services are to be clubbed into a single service and categorized based on their purpose of usage and billed accordingly.</p>
<p>7.45 For common services like water supply, common lights in corridors and supply for lifts in multi-storied buildings, consumers shall be billed electricity charges as follows:</p> <ol style="list-style-type: none"> i. At LT-I (B)(ii) if the plinth area occupied by the domestic consumers is 50% or more of the total plinth area. ii. At LT-II (B) if the plinth area occupied by the domestic consumers is less than 50% of the total plinth area. iii. If the service in a flat is for domestic purpose, it shall be charged at LT-I (Domestic) as 	<p>7.45 For common services like water supply, common lights in corridors and supply for lifts in multi-storied buildings, consumers shall be billed electricity charges as follows:</p> <ol style="list-style-type: none"> i. At LT-I (B)(ii) if the plinth area occupied by the domestic consumers is 50% or more of the total plinth area. ii. At LT-II (B) if the plinth area occupied by the domestic consumers is less than 50% of the total plinth area. iii. If the service in a flat/apartment/residential houses/multi-storied buildings is for domestic purpose, it shall be charged at LT-I(B)(ii) (Domestic) as applicable. If the

Existing Clause	Proposed Clause
<p>applicable. If the service in a flat is for commercial or office use or any other purpose, which does not fall under any of LT-I and/or LT III to VIII, it shall be charged at LT-II (A), II (B) or II(D) Non-Domestic/ Commercial as applicable.</p>	<p>service in a flat is for commercial or office use or any other purpose, which does not fall under any of LT-I and/or LT III to VIII, it shall be charged at LT-II (A), II (B) or II(D) Non-Domestic/ Commercial as applicable.</p> <p>iv. Number of service connections for common usage in multi-storied buildings/apartments/flat/ Residential houses are limited to one and the same is to be billed under LT-I(B)(ii) or LT-II(B) as applicable.</p> <p>v. If more than one service is provided for common usage in the same premises, multi-storied buildings/ apartments/ flat/Residential houses the consumption of all the common meters shall be clubbed and billed under LT-I(B)(ii) or LT-II(B) as applicable.</p>

ii) Deration/Restoration of CMD in respect of HT supply – Additional conditions proposed for inclusion in the Tariff Order:

The licensee has observed that the HT consumers are applying for deration of CMD for particular months in a financial year in order to avoid demand charges and again applying for restoration of CMD whenever full loads are required to be operated, resulting in revenue loss to the Company. As per the clause 5.9.4.2 of GTCS, *“The consumer may seek reduction of contracted maximum demand or termination of the HT Agreement after the expiry of the minimum period of the Agreement by giving not less than three months’ notice in writing expressing his intention to do so. However, if for any reason the consumer chooses to derate the CMD or terminate the Agreement, before the expiry of the minimum one year period of the Agreement, the CMD will be derated or the Agreement will be terminated with effect from the date of expiry of the initial one year period of the Agreement or after expiry of 3 months’ notice period whichever is later”*.

Further, as there are no separate conditions for deration and restoration of CMD in the Tariff Order, the consumers are derating the CMD to avoid demand charges and subsequently restoring the CMD whenever required. Due to this drop in demand, the licensee has to bear the under recovery of the fixed costs of power procurement from various sources. Hence, the licensee proposes to levy 50% of fixed/demand charges for restoration of CMD in order to avoid revenue deficit.

The following additional clauses are proposed under “Other charges in HT” in the Tariff Order:

“Deration and Restoration of Contracted Maximum Demand (CMD):

The consumer may seek and avail deration of CMD once in a financial year only. Subsequent restoration of initial CMD if any, shall be allowed on payment of 50% of fixed/demand charges applicable as per the relevant tariff order. Further, in case of application of additional load more than the initial CMD, the consumer is liable to pay the full development charges applicable as per the Regulation No. 4 of 2013”

iii) Levying of Demand charges on billing demand for Other LT categories in line with LT-III Industrial Category:

The licensee has observed that most of the LT consumers are exceeding the contracted load but no penalty is being levied on such consumers resulting in revenue loss to the Discoms. The Tariff Order clause 7.51 under Category wise specific conditions of LT-III Industry specifies that ***“The connected load shall not exceed the contracted load specified in the agreement as per sanction accorded for the service. The fixed charges shall be computed based on the Contracted Load or actual Recorded Demand whichever is higher”***. This clause was not there for LT-II, LT-IV, LT-VI, LT-VII, LT-VIII and LT-IX categories. This is leading to less fixed cost recovery from consumers. **Hence, the licensee proposes to apply the same condition to all other LT categories i.e.,LT-I, LT-II, LT-IV, LT-VI, LT-VII and LT-VIII and LT-IX**

iv) Seasonal benefits for HT-I(A) Optional category clarification

The Hon’ble Commission issued clarification on availing of Seasonal benefits by HT-I(A) Optional category consumers vide Lr.No.TSERC/Secy/F.No.T-30052/3/D.No.302/2020, Dt. 24.07.2020 which is as follows:

“A consumer cannot fall both under HT-I Optional sub-category with a load upto 150 kVA and HT –Seasonal Industry at the same time. A consumer who has chosen the HT-I Optional Sub-Category with a load up to 150 kVA, cannot be charged any other tariff than that approved for optional category”.

Hence, the Licensee requests the Honble Commission to incorporate the above condition to HT-I(A) Optional category in the tariff order.

- v) **KVAH billing under LT-III and LT-IX for connected load 10kW and above**
- **The Licensee requests the Hon’ble Commission to extend the KVAH billing for LT-III and LT-IX for connected load 10kW and above**

vi) **Inclusion of belated payment charges for LT Temporary Supply category**

In the tariff order temporary supply can be given on the request of a consumer initially for a period of up to one year, after the expiry of one year the consumer is at liberty to seek further extension. In view of longer utilization of power under Temporary Supply Category by few consumers, there is delay in payment of CC bills in many cases, results in revenue loss to Discoms as there is no levy of belated payment charges for LT Temporary Supply category.

In this regard, the licensee requests the Honble Commission **to include applicability of DPS to Temporary supply (LT VIII) on par with other LT categories as proposed below.**

Existing Clause	Proposed Clause
<p>In case of LT- II(B), LT-II(C), LT-III, LT-VI and LT-VII, the Licensee shall levy Delayed Payment Surcharge (DPS) on the bill amount at the rate of 5 paisa/ Rs.100/ day calculated from the due date mentioned on the bill, up to the date of payment or Rs. 150/- whichever is higher. In case of grant of installments, the Licensees shall levy interest at the rate of 18% per annum on the outstanding</p>	<p>In case of LT- II(B), LT-II(C), LT-III, LT-VI and LT-VII, LT VIII and LT-IX the Licensee shall levy Delayed Payment Surcharge (DPS) on the bill amount at the rate of 5 paisa/ Rs.100/ day calculated from the due date mentioned on the bill, up to the date of payment or Rs. 150/- whichever is higher. In case of grant of installments, the Licensees shall levy interest at the rate of 18% per annum on the outstanding</p>

amounts compounded annually and the two (DPS and Interest) shall not be levied at the same time.	amounts compounded annually and the two (DPS and Interest) shall not be levied at the same time.
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vii) **No Minimum agreement period shall be applied for Temporary supply**

The licensee requests the Honble Commission to include the following condition applicable to HT & LT Temporary supply to remove ambiguity.

“The Minimum agreement period of 1 year shall not be made applicable to Temporary Supply Category under LT & HT”

2.1.4 Specific terms and conditions to the Electric Vehicle Charging Stations

The licensee requests the Hon’ble Commission to approve the applicability of other miscellaneous charges, consumer security deposit & category specific terms and conditions to the **Electric Vehicle Charging Stations Category viz., LT-IX and HT-IX** same as that of LT Commercial-II(B) or HT Others category respectively.

2.1.5 Mandatory Prepaid metering for all Government Services:

The licensee is in the process of fixing prepaid meters to all the Government Services under various categories in order to avoid huge accumulation of consumption charges arrears. Hence, the licensee proposes to include the following additional clause under General conditions of LT/HT tariff:

“Prepaid meter is mandatory for all Government Services existing under various categories.”

2.1.6 Levying of “Facilitation Charges” for Open Access Consumers:

The licensee is working with a vision of providing power with quality, reliability and safety to all the categories of consumers at an affordable price. HT consumers connected to 11 kV, 33 kV and 132 kV or above are initially the consumers of the Discom. The Electricity Act 2003 introduced open access facility to the consumers whereby large consumers are allowed non-discriminatory access to the T&D network for obtaining electricity from sources other than their local Discoms. To obtain open access facility by the consumer,

NOC from State utilities is required. The role of TSSPDCL in providing NOC to the Consumer/Generator intending to obtain Open access facility involves the following:

- Based on the application of the Consumer/Generator received from field officers, the conditions required to grant for Open Access like provision of interface metering (Main, Check, Standby meters) and required NABL testing of ABT Meters and Metering equipment etc. as per the CEA metering Regulations 2006 and Central Electricity Regulatory Commission (Open Access in inter-State Transmission) Regulations, 2008 and TSERC Open Access Regulation no. 2 of 2005 will be communicated to the field officials by the IPC wing.
- The technical feasibility for granting open access will be verified by the field engineers.
- On procurement of 3no.s ABT Energy meters and appropriate standard metering equipments (CTs/PTs- 6no.s each) by the prospective Open Access Consumer/Generator, third party NABL testing will be witnessed jointly by the Divisional Engineers MRT/M&P of DISCOM & TRANSCO.
- The MRT staff of DISCOM will install the required ABT meters (Main, Check & Standby meters) and metering equipment (CTs/PTs – 6no.s each) and correspondingly MRT wing will test these meters at the time of installation and periodically for every one year for ensuing proper connection and healthiness of meters and submit those reports to IPC wing of TSSPDCL.
- The data compatibility of these ABT meters will be verified by the EBC wing and issue compatibility certificate to the prospective Open Access Consumer/Generator.
- After satisfying the required metering conditions to avail Open Access by the Consumer/Generator as per the Central Electricity Regulatory Commission (Open Access in inter-State Transmission) Regulations, 2008, the Technical feasibility will be issued by the concerned Operation wing by verifying various factors like feasibility w.r.t connected sub-station and feeder load, network conditions and CMD of the Consumer with the DISCOM,etc.,.
- After verification of technical parameters required such as interface metering, meter data compatibility, feasibility w.r.t connected sub-station and feeder load, etc the technical clearance is issued by DISCOM in the SLDC online portal.
- The Consumer/Generator availing power through open access by the use of Transmission and Distribution network has to pay various charges under the

head such as Transmission charges and wheeling charges (if connected to 33kV /11KV), Cross subsidy surcharge, additional surcharge as fixed by state commission and UI charges as per CERC Deviation Settlement Regulations issued from time to time.

- After verification of payment of wheeling charges for availing open access, a No-due certificate is being issued by CGM/Revenue, which is being uploaded by the prospective OA Consumer/ Generator in the SLDC online portal.
- Based on the No-due certificate issued by CGM/revenue and online clearance issued by TSSPDCL in the online portal, the SLDC is issuing the NOC to sell/purchase power under open access.
- The Consumer/Generator energy schedules of drawl/injection will be informed by the Power Exchange to SLDC of Telangana. Operation of these schedules will be monitored by the SLDC for which they are collecting Rs.5000 per application per month as prescribed by the Central Electricity Regulatory Commission (Open Access in inter-State Transmission) Regulations, 2008.
- These schedules will be communicated to the EBC wing through mail by SLDC/Power exchange. Accordingly EBC wing will carry out the deviation settlement of these Energies and Demand as per the CERC Deviation settlement mechanism Regulations 2019 and its subsequent amendments and the reports will be communicated to the Revenue wing for generation of final bills duly considering the Open Access units.
- Finally Open Access consumer is paying for the net energy and demand utilized from DISCOM based on the final bills.

Further, the cost implications on the Discom for facilitating Open Access to the Consumer/Generator are presented below:

- More no. of skilled officials are involved at each stage of processing of open access facility to the Consumer/Generator like processing of application, study of network to provide feasibility, installation and commissioning of 3no.s ABT meters and metering equipments, its NABL and Periodical testing and an exclusive team of Engineers for analysis of ABT Meter dumps and Deviation settlements of energy of Open Access consumers/Generators. This will cause additional man hours involved in granting open access facility which in turn imposes the additional cost to the DISCOM.

- Along with the additional cost on employee, it also imposes material cost like ABT meters special testing kits, MRIs and Laptops to collect the data from ABT meters, Computer systems at various stages of work, necessary infrastructure for the working of employees etc and its maintenance which impose O&M cost to the DISCOM.
- Cost implication on providing of dedicated Server, development of software applications for deviation settlements of energy and demand of the open access consumers/Generators as per the CERC Deviation settlement mechanism Regulations 2019 and its subsequent amendments, GPRS communication charges for collecting data from the meters, meter dump conversion tools of various makes like L&T, Secure and Elster to convert raw dump data from meters for processing of deviation settlements and for analyzing of meters, etc.,.

From the above it is clear that, the consumer is getting benefit from the Open Access facility by getting cheaper power whereas the Discom is incurring excessive burden in the form of O&M cost i.e., exclusive team of employees cost, additional infrastructure cost, etc,. Further, the Open Access users are paying Rs.5000/- per application as operating charges to SLDC only for monitoring their schedules of drawl/injection where as the Discoms are not collecting any charges from the Open Access users even though lot of man hours are involved in granting Open Access, monitoring the injections/drawls of energy and working out the deviation settlements at various stages to avail Open access facility by the Open Access users.

In view of the above, the licensee proposes to introduce the “Facilitation Charges” of Rs. 20,000/- per month or part thereof (at a rate of 5% increment every year) for providing open access facility under the head “Other Charges in HT” in order to meet the cost being incurred in providing the Open Access facility to the Open Access users.

2.2 **Applicability and Terms & Conditions**

Other than the changes/modifications in definition of certain tariff category and in tariff conditions as mentioned above, the other aspects of tariff/charges such as applicability, terms & conditions, general conditions, category-wise specific conditions, additional charges for belated payment, customer charges, other charges are proposed to remain the same as mentioned in Retail Supply Tariff Order for FY2018-19.

3 Cross Subsidy Surcharge Proposals

3.1 Legal and Policy position– Cross Subsidy Surcharge

Sections 39(2) (d) (ii), 40(c) (ii) and 42(2) of the Electricity Act, 2003 (hereinafter referred to as 'the Act') provide for payment of a surcharge by the consumer (hereinafter also referred to as 'the Cross-subsidy Surcharge') when a consumer avails of power under open access. Further, Section 42(2) of the Act provides that the surcharge shall be determined by the State Commission and such surcharge shall be utilized to meet the requirements of current level of cross subsidy within the area of supply of the distribution licensee.

As per the afore-mentioned provisions, to maintain current level of subsidy, cross subsidy surcharge (CSS) has to be levied on the consumers who opt for open access. The licensee has computed the Cross Subsidy Surcharge as per clause 8.5 of the National Tariff Policy notified on 28th January 2016.

CSS is computed as the difference between the tariff applicable to the relevant category of consumers and the cost of the distribution licensee to supply electricity to the consumers of the applicable class.

In case of a consumer opting for open access, the distribution licensee needs to be compensated on introduction of competition through open access. Accordingly, the cost of supply to the consumer for this purpose may be computed as the aggregate of

- a) Per unit weighted average cost of power purchase including meeting the Renewable Purchase Obligation;
- b) Transmission and distribution losses applicable to the relevant voltage level;
- c) Transmission, distribution and wheeling charges up to the relevant voltage level;
- d) Per unit cost of carrying regulatory assets, if applicable.

Surcharge formula (as per NTP, 2016):

$$S = T - (C/(1 - L/100) + D + R)$$

Where,

- S - is the surcharge
- T - is the tariff payable by the relevant category of consumers including reflecting the Renewable Purchase Obligation;
- C - is the per unit weighted average cost of power purchase of by the

Licensee, including meeting the Renewable Purchase Obligation;

- D - is the aggregate of transmission, distribution and wheeling charge applicable to the relevant voltage level;
- L - is the aggregate of transmission, distribution and commercial losses, expressed as a percentage applicable to the relevant voltage level;
- R - is per unit cost of carrying regulatory assets.

As per the tariff policy issued by MoP in Jan'16, weighted average power purchase cost needs to be considered instead of the marginal stations.

The licensee would like to file a proposal for determination of cross-subsidy surcharge for Open Access transactions along with this tariff filing duly adopting the methodology stated in the National Tariff Policy, 2016 for determination of the cross-subsidy surcharge.

3.2 CSS Proposals for TSSPDCL for the year 2022-23

The Licensee has considered following assumptions to compute category wise cross subsidy

- Category wise average realization from the proposed tariffs
- Weighted average power purchase cost – INR 4.78 /Unit
- Wheeling charges and Losses computed at different load factors across voltages considering wheeling charges being approved by the Hon'ble Commission.

The Cross Subsidy Surcharge as computed by the licensee for each category is as shown below:

Categories	Average Realization (INR/unit)	Weighted PP (INR/unit)	Wheeling charges (INR/unit)	Applicable Loss%	Cross Subsidy Surcharge (INR/unit)	20% Limit on average Realization	Cross Subsidy Surcharge (INR/unit)
	(a)	(b)	(c)	(d)	(e) = max (0, a-b/(1-d)+c)	(f) = 0.2*a	(g)=min(e,f)
HT Category at 11kV							
HT-I Industry	9.54	4.78	1.95	9.98%	2.29	1.91	1.91
HT-II - Others	11.61	4.78	1.95	9.98%	4.36	2.32	2.32
HT-III - Airports,	10.14	4.78	1.95	9.98%	2.88	2.03	2.03

Categories	Average Realization (INR/unit)	Weighted PP (INR/unit)	Wheeling charges (INR/unit)	Applicable Loss%	Cross Subsidy Surcharge (INR/unit)	20% Limit on average Realization	Cross Subsidy Surcharge (INR/unit)
	(a)	(b)	(c)	(d)	(e) = max (0, a-b/(1-d)+c)	(f) = 0.2*a	(g)=min(e,f)
Railway and Bus stations							
HT –IV Irrigation, Agriculture and CPWS	8.10	4.78	1.95	9.98%	0.84	1.62	0.84
HT VI: Townships & Residential Colonies	9.37	4.78	1.95	9.98%	2.11	1.87	1.87
HT VII: Temporary Supply	15.71	4.78	1.95	9.98%	8.46	3.14	3.14
HT Category at 33kV							
HT-I Industry	8.51	4.78	0.36	6.10%	3.06	1.70	1.70
HT-IB Ferro Alloys	7.71	4.78	0.36	6.10%	2.25	1.54	1.54
HT-II - Others	10.16	4.78	0.36	6.10%	4.70	2.03	2.03
HT –IV Irrigation, Agriculture and CPWS	11.28	4.78	0.36	6.10%	5.83	2.26	2.26
HT VI: Townships & Residential Colonies	9.01	4.78	0.36	6.10%	3.56	1.80	1.80
HT – Temporary Supply	14.10	4.78	0.36	6.10%	8.64	2.82	2.82
HT Category at 132kV							
HT-I Industry	7.74	4.78	0.22	2.57%	2.61	1.55	1.55
HT-IB Ferro Alloys	7.42	4.78	0.22	2.57%	2.28	1.48	1.48
HT-II - Others	9.87	4.78	0.22	2.57%	4.74	1.97	1.97
HT-III - Airports, Railway and Bus stations	8.31	4.78	0.22	2.57%	3.18	1.66	1.66
HT –IV Irrigation, Agriculture and CPWS	7.18	4.78	0.22	2.57%	2.05	1.44	1.44
HT-V Railway/HMR Traction	8.99	4.78	0.22	2.57%	3.86	1.80	1.80

The “Consultation Paper on Issues pertaining to Open Access, Aug’17” issued by MoP, Gol highlighted the issue of limiting the CSS to 20% of tariff applicable to the consumer category which is presented below:

“The Tariff Policy 2016 mandates SERCs to determine roadmap for reduction of cross subsidy and bring tariff at +/- 20% Average Cost of Supply, however it restricts Cross Subsidy Surcharge at 20% of the consumer tariff. In case the consumer tariff is more than 120% of Average Cost of Supply, DISCOM will not be able to recover losses through cross subsidy surcharge in case consumer opts for open access. It is essential for SERCs to implement both Para 8.3 -2 and First proviso to para 8.5.1 of the Tariff Policy 2016 simultaneously. If one of the provision could not be implemented due to some reason, the second provision should also not be implanted to that extent”

Hence, the licensee humbly requests the Hon’ble Commission not to restrict the Cross Subsidy Surcharge at 20% of tariff payable by the consumer as the tariffs are not within +/-20% Average Cost of Supply. This will enable the licensee in fixing up cross subsidy surcharge without any under recovery.

The licensee projected Open Access sales for H1 & H2 of FY22-23 to be same as that of actuals for H1 of FY21-22 & H2 of FY20-21 respectively and the same is presented below:

HT Category	Voltage level	OA Sales projected - H1 of FY22-23 (MU)	OA Sales projected –H2 of FY22-23 (MU)	Total OA Sales (MU)
1	11kV	1.09	12.29	13.38
	33kV	378.04	468.75	846.79
	132kV	251.77	348.10	599.87
2	11kV	2.20	4.38	6.58
	33kV	12.79	10.59	23.38
Total		645.89	844.11	1490.00

The projected revenue from CSS for FY22-23 is presented below:

HT Category	Voltage level	Cross Subsidy Surcharge Revenue (Rs. in Crs.)
1	11kV	2.55
	33kV	144.13
	132kV	92.88
2	11kV	1.53
	33kV	4.75
Total		245.84

4 Additional Surcharge Proposals for FY 2022-23

The Licensee already submitted the Additional Surcharge Proposals for H1 of FY2022-23 before the Hon'ble Commission in accordance with the commissions' order in OP No.23 of 2020 dated:18.09.2020. The licensee estimated revenue from Additional Surcharge considering the proposals filed for H1 of FY22-23 at Rs.4.06/unit & the proposals filed for H2 of FY21-22 at Rs.2.34/unit for H1 & H2 of FY22-23 respectively. The revenue projected is presented below:

HT Category	Voltage level	AS Revenue - H1 (Rs. in Crs.)	AS Revenue – H2 (Rs. in Crs.)	Total AS Revenue (Rs. In Crs.)
1	11kV	0.44	2.88	3.32
	33kV	153.48	109.69	263.17
	132kV	102.22	81.46	183.67
2	11kV	0.89	1.02	1.92
	33kV	5.19	2.48	7.67
Total		262.23	197.52	459.75

5 Revenue Gap with Proposed Tariffs

5.1 Revenue with Proposed Tariffs

The licensee estimates the Revenue from various categories of consumers with the proposed tariffs at Rs.29418crores for FY 2022-23. The category wise revenue projections for FY 2022-23 is detailed below

Revenue with Proposed Tariffs (Rs.Crs.)	2022-23
LT Category	10064.40
LT-I: Domestic	5610.50
LT-II: Non–Domestic/Commercial	3018.48
LT-III: Industry	825.80
LT-IV: Cottage Industries	4.51
LT-V: Agricultural	50.24
LT-VI: Street Lightning & PWS Schemes	414.22
LT-VII: General Purpose	50.53
LT-VIII: Temporary Supply	88.79
LT-IX: Electric Vehicle Charging Stations	1.33
HT Category	19982.78
HT-I(A): Industry (General)	10867.95
HT-I(A): HMWSSB	688.55
HT-I(B): Ferro-Alloy Units	149.15
HT-II: Others	3089.77

Revenue with Proposed Tariffs (Rs.Crs.)	2022-23
HT-III: Airports, Bus Stations and Railway Stations	72.24
HT-IV: Irrigation & CPWS	4216.97
HT-V: Railway Traction & HMR	402.78
HT-VI: Townships & Residential Colonies	251.17
HT-VII: Temporary	233.32
HT-IX: Electric Vehicle Charging Stations	10.88
Total	30047.19

5.2 Non-Tariff Income at proposed tariffs

The licensee has not projected any non-tariff proposals for FY 2022-23 and hence considers the Non-Tariff income at current tariffs as same as at Proposed Tariffs which is as below:

Items of Non-Tariff Income (Rs.in crore)	2022-23
Capacitor Surcharge	14.28
Interest on Others (ED)	6.24
Interest on Bank deposits	9.01
Application Registration Fee	2.97
Reconnection Fee –LT	0.46
Reconnection Fee –HT	0.14
Other income	0.00
Total Non-tariff Income	33.10

5.3 Revenue Gap at Proposed tariffs

The Revenue Gap with projected ARR for FY2022-23 at proposed tariffs is as shown below

Revenue Deficit/Surplus (Rs. in crore)	2022-23
Aggregate Revenue Requirement	34870.18
Revenue from Current Tariffs	25421.76
Non-Tariff Income	33.10
Revenue from Cross Subsidy Surcharge	209.27
Revenue from Additional Surcharge	77.48
Revenue Deficit(-)/Surplus(+) at Current Tariffs	-9128.57
Revenue changed through proposed tariff (incl. Cross Subsidy Surcharge & Additional Surcharge)	5044.27
Subsidy	1397.50
Net gap – Deficit(-)/Surplus(+)	-2686.80

- 5.4 It is to submit that in the affidavit to the Aggregate Revenue Requirement for Retail Supply Business for FY 2022-23 filed by the licensee on 30.11.2021 at Page no. xiii, the second para under the Regulatory Gap table is to be **replaced** with the following Para due to typographical error:

“Gross revenue from LIS category as per the above-mentioned projections is estimated to be Rs. 3,316.82 Cr., which is ~13% of the gross revenue of Rs. 25,421.76 Cr. Projected for TSSPDCL in the year FY 2022-23.”

6 Retail Supply Formats

Form 9 Revenue Deficit / Surplus and Proposed Adjustments

	Items of Revenue Deficit/ Surplus (Rs. Crs.)	Detail Links	Base Year	2019-20	2020-21	2021-22	2022-23	2023-24
A	Aggregate Revenue Requirement	Form 1	27633.84	27584.43	27429.73	30544.20	34870.18	0.00
B	Revenue from Current Tariffs (Net of incentives) (Rs. Crs.)	Form 5	20079.30	20773.12	19705.27	22107.31	25708.51	0.00
C	Non - Tariff Income (Rs. Crs.)	Form 6'	49.69	34.74	29.98	31.52	33.10	0.00
D	Revenue from Trading	Form 1.4 b	0.00	0.00	0.00	0.00	0.00	0.00
E	Revenue Deficit(-) / Surplus(+) at Current Tariff		-7504.85	-6776.57	-7694.47	-8405.36	-9128.57	0.00
F	Revenue changed through proposed tariff						5,044.27	
G	External subsidy available / contracted		1,149.98	1,172.56	1,397.50	1,397.50	1,397.50	
H	Any other means of adjustments							
	Additional Support required from Govt.							
	Net Deficit / Surplus		-6354.87	-5604.01	-6296.97	-7007.86	-2686.79	0.00

Revenue from Proposed Tariffs (Rs. Crs.)	2022-23						Total Revenue
	Retail Supply (Regulated Business)			Surcharges (Open Access)		Grid Support Charges	
	Gross Revenue	Incentives	Net Revenue	Surcharge	Additional surcharge		
LT Category	10064.40	0.00	10064.40	0.00	0.00	0.00	10064.40
Category I (A&B) - Domestic	5610.50	0.00	5610.50				5610.50
Category II (A,B,C & D) - Non-domestic/Commercial	3018.48	0.00	3018.48				3018.48
Category III - Industrial	825.80	0.00	825.80				825.80
Category IV (A & B) - Cottage Ind. & Agro based Ind.	4.51	0.00	4.51				4.51
Category V (A, B & C) - Irrigation and Agriculture	50.24	0.00	50.24				50.24
Category VI (A & B) - Local Bodies, St. Lighting & PWS	414.22	0.00	414.22				414.22
Category VII (A & B) - General Purpose	50.53	0.00	50.53				50.53
Category VIII -Temporary Supply	88.79	0.00	88.79				88.79
Category IX-Electric Vehicle Charging Stations	1.33	0.00	1.33				1.33
HT Category at 11 KV	6732.10	0.00	6732.10	4.08	5.24	0.00	6741.42
HT-I Industry Segregated	4207.27	0.00	4207.27	2.55	3.32		4213.14
HT-I (B) Ferro-Alloys	0.00	0.00	0.00				0.00
HT-II - Others	2022.31	0.00	2022.31	1.53	1.92		2025.76
HT-III Airports, Railways and Bustations	6.06	0.00	6.06				6.06
HT-IV (A) Lift Irrigation and Agriculture	46.59	0.00	46.59				46.59
HT - IV (B) Composite P.W.S Schemes	94.67	0.00	94.67				94.67
HT-VI Townships and Residential Colonies	148.57	0.00	148.57				148.57
HT-VII Temporary Supply	195.76	0.00	195.76				195.76
HT- RESCOs	0.00	0.00	0.00				0.00
HT - IX Electric Vehicle Charging Stations	10.88	0.00	10.88				10.88
HT Category at 33 KV	6222.70	0.00	6222.70	148.88	270.84	0.00	6642.42
HT-I Industry Segregated	4869.04	0.00	4869.04	144.13	263.17		5276.34
HT-I (B) Ferro-Alloys	27.61	0.00	27.61				27.61
HT-II - Others	1021.98	0.00	1021.98	4.75	7.67		1034.40
HT-III Airports, Railways and Bustations	0.00	0.00	0.00				0.00
HT-IV (A) Lift Irrigation and Agriculture	21.24	0.00	21.24				21.24
HT - IV (B) Composite P.W.S Schemes	142.66	0.00	142.66				142.66
HT-VI Townships and Residential Colonies	102.61	0.00	102.61				102.61
HT-VII Temporary Supply	37.56	0.00	37.56				37.56
HT- RESCOs	0.00	0.00	0.00				0.00
HT - IX Electric Vehicle Charging Stations	0.00	0.00	0.00				0.00
HT Category at 132 KV	7027.98	0.00	7027.98	92.88	183.67	0.00	7304.54
HT-I Industry Segregated	2480.19	0.00	2480.19	92.88	183.67		2756.75
HT-I (B) Ferro-Alloys	121.54	0.00	121.54				121.54
HT-II - Others	45.48	0.00	45.48	0.00	0.00		45.48
HT-III Airports, Railways and Bustations	66.18	0.00	66.18				66.18
HT-IV (A) Lift Irrigation and Agriculture	3768.72	0.00	3768.72				3768.72
HT - IV (B) Composite P.W.S Schemes	143.08	0.00	143.08				143.08
HT-V (A) Railway Traction	304.29	0.00	304.29				304.29
HT - V (B) HMR	98.49	0.00	98.49				98.49
HT-VI Townships and Residential Colonies	0.00	0.00	0.00				0.00
HT-VII Temporary Supply	0.00	0.00	0.00				0.00
HT- RESCOs	0.00	0.00	0.00				0.00
HT - IX Electric Vehicle Charging Stations	0.00	0.00	0.00				0.00
Total	30047.19	0.00	30047.19	245.84	459.75	0.00	30752.78

Consumer Category	Total		Remarks
	No. of consumers	Incentive Amount (Rs Crores)	
LT Category	0	0.00	
Category I (A&B) - Domestic			
Category II (A,B,C & D) - Non-domestic/Commercial			
Category III - Industrial			
Category IV (A & B) - Cottage Industries & Dhobighats			
Category V (A& B) - Agriculture			
Category VI (A & B) - Local Bodies, St. Lighting & PWS			
Category VII (A & B) - General Purpose			
Category VIII -Temporary Supply			
Category IX-Electric Vehicle Charging Stations			
L.T (New Category)			
HT Category at 11 KV	0	0.00	
HT-I Industry Segregated			
HT-I (B) Ferro-Alloys			
HT-II - Others			
HT-III Airports, Railways and Bustations			
HT-IV (A) Lift Irrigation and Agriculture			
HT - IV (B) Composite P.W.S Schemes			
HT-VI Townships and Residential Colonies			
HT-VII Temporary Supply			
HT- RESCOs			
HT - IX Electric Vehicle Charging Stations			
HT Category at 33 KV	0	0.00	
HT-I Industry Segregated			
HT-I (B) Ferro-Alloys			
HT-II - Others			
HT-III Airports, Railways and Bustations			
HT-IV (A) Lift Irrigation and Agriculture			
HT - IV (B) Composite P.W.S Schemes			
HT-VI Townships and Residential Colonies			
HT-VII Temporary Supply			
HT- RESCOs			
HT - IX Electric Vehicle Charging Stations			
HT Category at 132 KV	0	0.00	
HT-I Industry Segregated			
HT-I (B) Ferro-Alloys			
HT-II - Others			
HT-III Airports, Railways and Bustations			
HT-IV (A) Lift Irrigation and Agriculture			
HT - IV (B) Composite P.W.S Schemes			
HT-V (A) Railway Traction			
HT-V (B) HMR			
HT-VI Townships and Residential Colonies			
HT-VII Temporary Supply			
HT- RESCOs			
HT - IX Electric Vehicle Charging Stations			
Total	0	0.00	

Form 11

Non-tariff Income at Proposed Charges

This form refers to the income other than the income derived from tariffs and does not include cross subsidy surcharge, additional surcharge, etc.

Items of Non - Tariff Income (Rs. Crs.)	Detail Links	Base Year	2019-20	2020-21	2021-22	2022-23	2023-24
Recoveries from theft of power or malpractices							
Interest Income from Bank Deposits / Investments etc.						9.01	
Interest income from staff advances and loans							
Power Purchase Rebates earned							
Securitisation benefits							
Miscellaneous / Other Receipts						0.00	
Interest on ED						6.24	
Reconnection Fee LT						0.46	
Reconnection Fee HT						0.14	
Application Registration Fee						2.97	
Grid Support charges						0.00	
Capacitor surcharge						14.28	
Total Non tariff income		0.00	0.00	0.00	0.00	33.10	0.00

Consumer Categories	No of consumers	Components of tariff			Relevant sales related data				Full year revenue excluding external subsidy						Incentives (Rs. Crores)	Net Revenue from Tariff (Rs. Crores)	Surcharges		Grid Support Charges (Rs. Crores)	Non - tariff		Total Revenue (Net of incentive s)	
		Energy Charges (Rs/kWh) / (Rs.kVA/h)	Demand charges (Rs/kVA/ Yr)	Demand charges (Rs/HP/ Yr)	Energy Sales (MU)	Energy Sales (MVAh)	Connected Load/ Contract Demand (MW)	Connected Load/ Contract Demand (HP)	Energy Charges (Rs crores)	Demand /Fixed charges (Rs crores)	Minimum Charges (Rs crores)	Customer Charges (Rs crores)	Others (Rs crores)	Gross Revenue from Tariff (Rs crores)			Surcharge	Additional surcharge		Direct	Appropriation		
LT (Existing Categories and slabs)	10443380				25,246.12	-	14783.13	8,011,028.62	8,618.08	579.99	-	866.33	-	10,064.40	-	10,064.40	-	-	-	-	-	17.12	10,081.52
Category- Domestic (All)	7620954				9,883.53	0.00	11085.20	0.00	4768.36	199.53	0.00	642.60	0.00	5610.50	0.00	5610.50	0.00	0.00	0.00	0.00	0.00	6.70	5617.20
Cat I (A) Domestic -upto 100 units/month	4338377				2,270.02	0.00	4529.22	0.00	511.35	81.53	0.00	271.15	0.00	864.03								1.54	
0 - 100 units	2381036	1.95	180.00		1,672.68	-	2565.08	-	326.17	46.17	-	111.19	-	483.54								1.13	
51 - 100 units	1957341	3.10	180.00		597.34	-	1964.14	-	185.18	35.35	-	159.96	-	380.49								0.40	
Cat I (B) (i) Domestic ->100 & =200 units/month	2186560				3,422.96	0.00	3371.13	0.00	1403.71	60.68	0.00	229.75	0.00	1694.14								2.32	
0 - 100 units	0	3.80	180.00		2,393.10	-	0.00	-	909.38	0.00	-	-	-	909.38								1.62	
101 - 200 units	2186560	4.80	180.00		1,029.85	-	3371.13	-	494.33	60.68	-	229.75	-	784.76								0.70	
Cat I (B) (ii) Domestic ->200 units/month	1096017				4,190.55	0.00	3184.85	0.00	2853.31	57.33	0.00	141.70	0.00	3052.33								2.84	
0 - 200 units	0	5.50	180.00		2,448.68	-	0.00	-	1346.78	0.00	-	-	-	1346.78								1.66	
201 - 300 units	708365	7.70	180.00		794.05	-	1663.29	-	611.42	29.94	-	82.47	-	723.82								0.54	
301 - 400 units	218342	9.00	180.00		334.95	-	668.83	-	301.46	12.04	-	30.59	-	344.08								0.23	
401 - 800 units	143755	9.50	180.00		384.26	-	584.68	-	365.05	10.52	-	23.50	-	399.07								0.26	
More than 800 units	27555	10.00	180.00		228.61	-	268.06	-	228.61	4.82	-	5.15	-	238.58								0.15	
Category II (A, B, C & D) - Non-domestic/Commercial	960126				2,638.68	0.00	3358.17	0.00	2662.35	270.13	0.00	86.00	0.00	3018.48	0.00	3018.48	0.00	0.00	0.00	0.00	0.00	1.79	3020.27
Category II - Non-domestic/Commr (A & B)	955855				2,633.91	0.00	3349.46	0.00	2657.21	269.43	0.00	85.59	0.00	3012.23								1.79	
LT Category - A upto 50 units	489117				93.58	0.00	993.55	0.00	65.51	71.54	0.00	28.99	0.00	166.04								0.06	
0-50 units	489117	7.00	720.00		93.58	-	993.55	-	65.51	71.54	-	28.99	-	166.04								0.06	
LT Category - B above 50 units	468738				2,540.32	0	2355.91	0	2592	198	0	57	0	2046								2	
0 - 100 units	158968	8.50	840.00		530.58	-	291.31	-	450.99	24.47	-	16.74	-	402.20								0.36	
101 - 300 units	180906	9.90	840.00		493.94	-	533.55	-	489.00	44.82	-	22.27	-	556.09								0.33	
301 - 500 units	47243	10.40	840.00		261.34	-	253.12	-	271.80	21.26	-	6.09	-	299.15								0.18	
>500 units	81721	11.00	840.00		1,254.46	-	1277.94	-	1379.90	107.35	-	11.50	-	1498.75								0.85	
LT-(C) Advertising Hoardings	1904	13.00	840.00		3.30	-	6.16	-	4.30	0.52	-	0.27	-	5.08								0.00	
LT-(D) Hair Cutting Salons up to 200 units/month	2367				1.47	0	2.55	0	1	0	0	0	0	1								0	
0 - 50 units	1285	5.30	720.00		1.04	-	1.29	-	0.55	0.09	-	0.07	-	0.71								0.00	
51 - 100 units	751	6.60	720.00		0.34	-	0.82	-	0.22	0.06	-	0.05	-	0.33								0.00	
101 - 200 units	331	7.50	720.00		0.10	-	0.44	-	0.07	0.03	-	0.03	-	0.13								0.00	
Category III - Industrial	46345				929.88	-	0.00	1,377,178.28	713.27	92.50	-	20.03	-	825.80	0.00	825.80	0.00	0.00	0.00	0.00	0.00	0.63	826.43
Category III - Industrial	46345				929.88	0	0.00	1,377,178	713	92	0	20	0	826								1	
Industrial Normal	42823	7.70	900.00	671.64	890.73	-	0.00	1,377,124.81	685.86	92.49	-	18.51	-	796.87								0.60	
Pisciculture/Prawn culture	0	6.20	432.00	322.39	-	-	0.00	-	0.00	0.00	-	-	-	0.00								-	
Sugarcane crushing	0	6.20	432.00	322.39	-	-	0.00	-	0.00	0.00	-	-	-	0.00								-	
Mushroom & Rabbit Farms	0	7.30	900.00	671.64	-	-	0.00	-	0.00	0.00	-	-	-	0.00								-	
Poultry Farms	3522	7.00	780.00	582.09	39.15	-	0.00	53.47	27.41	0.00	-	1.52	-	28.93								0.03	
Seasonal Industries	0	8.40	900.00	671.64	-	-	0.00	-	0.00	0.00	-	-	-	0.00								-	
Category IV - Cottage Industries	4694				9.76	0.00	0.00	18238.77	3.90	0.33	0.00	0.28	0.00	4.51	0.00	4.51	0.00	0.00	0.00	0.00	0.01	4.51	
Cat -IV(A) - Cottage Industries	4694	4.00	240.00	179.10	9.76	-	0.00	18,238.77	3.90	0.33	-	0.28	-	4.51								0.01	
Cat-IV(B) Agro Based Activity	0	4.00	240.00	179.10	-	-	0.00	-	0.00	0.00	-	-	-	0.00								-	
Category V (A&B) - Agriculture	1271301				11,181.74	0.00	0.00	6448700.07	5.36	0.01	0.00	44.87	0.00	50.24	0.00	50.24	0.00	0.00	0.00	0.00	0.00	7.58	57.82
Category V(A) - Agriculture (DSM Mandatory)	1271198				11181.17	0.00	0.00	6448265.64	5.13	0.00	0.00	44.86	0.00	50.00								7.58	
Corporate Farmers	1898	2.50	-	-	20.54	-	0.00	10,648.82	5.13	0.00	-	0.07	-	5.20								0.01	
Other than Corporate Farmers	1269300	-	-	-	11,160.63	-	0.00	6,437,616.82	0.00	0.00	-	44.79	-	44.79								7.57	
LT-V(B) Others	103				0.57	0	0.00	434	0	0	0	0	0	0								0	
Horticulture Nurseries with CL upto 15HP	103	4.00	-	240.00	0.57	-	0.00	434.43	0.23	0.01	-	0.00	-	0.24								0.00	
Category VI - Local Bodies, St. Lighting & PWS	494903				473.02	0.00	186.02	166911.50	332.78	13.55	0.00	67.89	0.00	414.22	0.00	414.22	0.00	0.00	0.00	0.00	0.00	0.32	414.54
VI(A) - Street Lighting	338365				242.42	0.00	186.02	0.00	187.18	7.14	0.00	46.41	0.00	240.74								0.16	
Panchayats	158472	7.10	384.00		71.30	-	68.16	-	50.62	2.62	-	21.74	-	74.97								0.05	
Municipalities	50655	7.60	384.00		40.95	-	30.69	-	31.12	1.18	-	6.95	-	39.25								0.03	
Corporations	129238	8.10	384.00		130.17	-	87.17	-	105.44	3.35	-	17.73	-	126.52								0.09	
VI(B) - PWS Schemes	156538				230.61	0.00	0.00	166911.50	145.60	6.41	0.00	21.47	0.00	173.48								0.16	
Panchayats	113559	6.00		384.00	171.04	-	0.00	116,624.64	102.63	4.48													

Consumer Categories	No of consumers	Components of tariff			Relevant sales related data				Full year revenue excluding external subsidy							Surcharges			Non - tariff		Total Revenue (Net of incentives)				
		Energy Charges (Rs/kWh) / (Rs.kVA/h)	Demand charges (Rs/kVA/Yr)	Demand charges (Rs/HP/Yr)	Energy Sales (MU)	Energy Sales (MVAh)	Connected Load/ Contract Demand (MW)	Connected Load/ Contract Demand (HP)	Energy Charges (Rs crores)	Demand /Fixed charges (Rs crores)	Minimum Charges (Rs crores)	Customer Charges (Rs crores)	Others (Rs crores)	Gross Revenue from Tariff (Rs crores)	Incentives (Rs. Crores)	Net Revenue from Tariff (Rs. Crores)	Surcharge	Additional surcharge	Grid Support Charges (Rs. Crores)	Direct		Appropriation			
HIGH TENSION	11009				23,576.68	0.00	8809.93	0.00	16787.87	3167.75	0.00	27.16	0.00	19982.78	0.00	19982.78	245.84	459.75	0.00	0.00	15.98	20704.36			
HT Category at 11 kV	10289				6,665.24	0.00	3054.84	0.00	5429.36	1278.65	0.00	24.09	0.00	6732.10	0.00	6732.10	4.08	5.24	0.00	0.00	4.52	6745.94			
HT-I Indl Segregated	3890	7.65	5700		1,337.60	0	1482.31	0	1023.27	680.50	0	9.18	0	1712.94	0.00	1712.94	2.55	3.32	0.00			1	1719.72		
HT-I Indl. Time-of-Day Tariff (6 PM to 10 PM)	0	8.65			687.70	0	0.00	0	594.86	0.00	0	0.00	0	594.86		594.86							0	595.32	
HT-I Indl. Time-of-Day Tariff (6 AM to 10 AM)	0	8.65			656.25	0	0.00	0	567.66	0.00	0	0.00	0	567.66		567.66								0	568.10
HT-I Indl. Time-of-Day Tariff (10 PM to 6 AM)	0	7.15			1,268.75	0	0.00	0	907.15	0.00	0	0.00	0	907.15		907.15							1	908.01	
HT-I (A) Optional Cat. with CMD upto 150 kVA	1045	8.00	1200		192.81	0	147.93	0	154.25	14.20	0	2.46	0	170.92		170.92							0	171.05	
Lights & Fans	0	7.65			0.57	0	0.00	0	0.43	0.00	0	0.00	0	0.43		0.43							0	0.44	
Poultry Farms	193	7.65	5700		46.35	0	56.14	0	35.46	25.60	0	0.45	0	61.52		61.52							0	61.55	
Poultry Farms Time-of-Day Tariff (6 PM to 10 PM)	0	8.65			25.04	0	0.00	0	21.66	0.00	0	0.00	0	21.66		21.66							0	21.68	
Poultry Farms Time-of-Day Tariff (6 AM to 10 AM)	0	8.65			22.50	0	0.00	0	19.46	0.00	0	0.00	0	19.46		19.46							0	19.47	
Poultry Farms Time-of-Day Tariff (10 PM to 6 AM)	0	7.15			41.15	0	0.00	0	29.42	0.00	0	0.00	0	29.42		29.42							0	29.45	
Colony consumption	0	7.30			1.12	0	0.00	0	0.82	0.00	0	0.00	0	0.82		0.82							0	0.82	
Seasonal Industries	168	8.60	5700		88.71	0	56.34	0	76.29	17.66	0	1.40	0	94.35		94.35							0	94.41	
HT-I HMWSSB	51	4.95	5700		39.96	0	13.59	0	19.78	6.20	0	1.10	0	26.08		26.08							0	26.11	
HT - II B) Ferro-alloys	0	7.65	5700			0	0.00	0	0.00	0.00	0	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00		
HT-II -Others	4042	8.80	5700		714.46	0	970.07	0	628.72	442.35	0	9.44	0	1080.51	0.00	1080.51	1.53	1.92	0.00				0	1084.44	
HT-II Others - Time-of-Day Tariff (6 PM to 10 PM)	0	9.80			341.84	0	0.00	0	335.00	0.00	0	0.00	0	335.00		335.00							0	335.24	
HT-II Others - Time-of-Day Tariff (6 AM to 10 AM)	0	9.80			254.17	0	0.00	0	249.09	0.00	0	0.00	0	249.09		249.09							0	249.26	
HT-II Others - Time-of-Day Tariff (10 PM to 6 AM)	0	8.30			430.97	0	0.00	0	357.71	0.00	0	0.00	0	357.71		357.71							0	358.00	
HT III. Airports, Bus Stations and Railway Stations	11	8.50	5700		1.41	0	1.86	0	1.20	0.85	0	0.03	0	2.07	0.00	2.07	0.00	0.00	0.00				0	2.08	
HT-III - Aviation Time-of-Day Tariff (6 PM to 10 PM)	0	9.50			1.47	0	0.00	0	1.39	0.00	0	0.00	0	1.39		1.39							0	1.39	
HT-III - Aviation Time-of-Day Tariff (6 AM to 10 AM)	0	9.50			0.74	0	0.00	0	0.71	0.00	0	0.00	0	0.71		0.71							0	0.71	
HT-III - Aviation Time-of-Day Tariff (10 PM to 6 AM)	0	8.00			2.35	0	0.00	0	1.88	0.00	0	0.00	0	1.88		1.88							0	1.89	
HT -IV A Lift Irrigation & Agriculture	134	6.30	3300		57.51	0	53.36	0	36.23	10.04	0	0.32	0	46.59	0.00	46.59	0.00	0.00	0.00				0	46.63	
HT -IV B - CP Water Supply Schemes	169	6.10			154.57	0	49.15	0	94.29	0.00	0	0.38	0	94.67	0.00	94.67	0.00	0.00	0.00				0	94.77	
HT-VI - Townships & Colony Supply	210	7.30	3120		158.63	0	103.49	0	115.80	32.29	0	0.48	0	148.57	0.00	148.57	0.00	0.00	0.00				0	148.68	
HT - VII - Temporary Supply	348	11.80	6000		124.57	0	99.87	0	146.99	47.94	0	0.82	0	195.76	0.00	195.76	0.00	0.00	0.00				0	195.84	
HT- RESCOs	0	5.52				0	0.00	0	0.00	0.00	0	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00				0	0.00	
HT IX - Electric Vehicle Charging Stations	28	7.00	1200		14.02	0	10.71	0	9.81	1.03	0	0.04	0	10.88	0.00	10.88	0.00	0.00	0.00				0	10.89	
HT-IX EV - Time-of-Day Tariff (6 PM to 10 PM)	0	8.00			-	0	0.00	0	0.00	0.00	0	0.00	0	0.00		0.00							0	0.00	
HT-IX EV - Time-of-Day Tariff (6 AM to 10 AM)	0	8.00			-	0	0.00	0	0.00	0.00	0	0.00	0	0.00		0.00							0	0.00	
HT-IX EV - Time-of-Day Tariff (10 PM to 6 AM)	0	6.50			-	0	0.00	0	0.00	0.00	0	0.00	0	0.00		0.00							0	0.00	
HT Category at 33 kV	626				7,156.42	0.00	2147.83	0.00	5285.02	935.14	0.00	2.54	0.00	6222.70	0.00	6222.70	148.88	270.84	0.00	0.00	4.85	6647.28			
HT-I Indl Segregated	378	7.15	5700		2,309.76	0	1519.69	0	1651.48	692.98	0	1.58	0	2346.04	0.00	2346.04	144.13	263.17	0.00			2	2754.91		
HT-I Indl. Time-of-Day Tariff (6 PM to 10 PM)	0	8.15			862.54	0	0.00	0	702.97	0.00	0	0.00	0	702.97		702.97							1	703.55	
HT-I Indl. Time-of-Day Tariff (6 AM to 10 AM)	0	8.15			830.42	0	0.00	0	676.79	0.00	0	0.00	0	676.79		676.79							1	677.35	
HT-I Indl. Time-of-Day Tariff (10 PM to 6 AM)	0	6.65			1,651.73	0	0.00	0	1098.40	0.00	0	0.00	0	1098.40		1098.40							1	1099.52	
Lights & Fans	0	7.15			0.37	0	0.00	0	0.27	0.00	0	0.00	0	0.27		0.27							0	0.27	
Poultry Farms	2	7.15	5700		3.14	0	4.08	0	2.24	1.86	0	0.01	0	4.11		4.11							0	4.11	
Poultry Farms Time-of-Day Tariff (6 PM to 10 PM)	0	8.15			1.73	0	0.00	0	1.41	0.00	0	0.00	0	1.41		1.41							0	1.41	
Poultry Farms Time-of-Day Tariff (6 AM to 10 AM)	0	8.15			1.33	0	0.00	0	1.09	0.00	0	0.00	0	1.09		1.09							0	1.09	
Poultry Farms Time-of-Day Tariff (10 PM to 6 AM)	0	6.65			3.28	0	0.00	0	2.18	0.00	0	0.00	0	2.18		2.18							0	2.18	
Colony consumption	0	7.30			2.08	0	0.00	0	1.51	0.00	0	0.00	0	1.51		1.51							0	1.52	
Seasonal Industries	1	7.90	5700		1.58	0	2.00	0	1.25	0.63	0	0.00	0	1.88		1.88							0	1.88	
HT-I HMWSSB	4	4.95	5700		53.36	0	13.13	0	26.41	5.99	0	0.00	0	32.40		32.40							0	32.44	
HT - II B) Ferro-alloys	1	7.15	5700		35.82	0	4.37	0	25.61	1.99	0	0.00	0	27.61	0.00	27.61	0.00	0.00	0.00				0	27.63	
HT-II -Others	149	8.00	5700		412.13	0	427.20	0	329.70	194.80	0	0.61	0	525.12	0.00	525.12	4.75	7.67	0.00				0	537.81	
HT-II Others - Time-of-Day Tariff (6 PM to 10 PM)	0	9.00			189.61	0	0.00	0	170.65	0.00	0	0.00	0	170.65		170.65							0	170.78	
HT-II Others - Time-of-Day Tariff (6 AM to 10 AM)	0	9.00			152.10	0	0.00	0	136.89	0.00	0	0.00	0	136.89		136.89							0	136.99	
HT-II Others - Time-of-Day Tariff (10 PM to 6 AM)	0	7.50			252.44	0	0.00	0	189.33	0.00	0	0.00	0	189.33		189.33							0	189.50	
HT III. Airports, Bus Stations and Railway Stations	0	7.85	5700		-	0	0.00	0	0.00	0.00	0	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00				0	0.00	
HT-III - Aviation Time-of-Day Tariff (6 PM to 10 PM)	0	8.85			-	0	0.00	0	0.00	0.00	0	0.00	0	0.00		0.00							0	0.00	
HT-III - Aviation Time-of-Day Tariff (6 AM to 10 AM)	0	8.85			-	0	0.00	0	0.00	0.00	0	0.00	0	0.00		0.00							0	0.00	

Consumer Categories	No of consumers	Components of tariff			Relevant sales related data				Full year revenue excluding external subsidy							Surcharges		Non - tariff		Total Revenue (Net of incentives)			
		Energy Charges (Rs/kWh) / (Rs.kVA/h)	Demand charges (Rs/kVA/Yr)	Demand charges (Rs/HP/Yr)	Energy Sales (MU)	Energy Sales (MVAh)	Connected Load/ Contract Demand (MW)	Connected Load/ Contract Demand (HP)	Energy Charges (Rs crores)	Demand /Fixed charges (Rs crores)	Minimum Charges (Rs crores)	Customer Charges (Rs crores)	Others (Rs crores)	Gross Revenue from Tariff (Rs crores)	Incentives (Rs. Crores)	Net Revenue from Tariff (Rs. Crores)	Surcharge	Additional surcharge	Grid Support Charges (Rs. Crores)		Direct	Appropriation	
HT-IV A Lift Irrigation & Agriculture	21	6.30	3300		18.83	0	49.41	0	11.86	9.29	0	0.09	0	21.24	0.00	21.24	0.00	0.00	0.00			0	21.25
HT-IV B - CP Water Supply Schemes	37	6.10			233.67	0	48.72	0	142.54	0.00	0	0.12	0	142.66	0.00	142.66	0.00	0.00	0.00			0	142.82
HT-VI - Townships & Colony Supply	29	7.30	3120		113.87	0	62.09	0	83.13	19.37	0	0.11	0	102.61	0.00	102.61	0.00	0.00	0.00			0	102.68
HT - VII - Temporary Supply	4	11.00	6000		26.65	0	17.15	0	29.32	8.23	0	0.02	0	37.56	0.00	37.56	0.00	0.00	0.00			0	37.58
HT- RESCOs	0	5.52			-	0	-	0	0.00	0.00	0	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00			0	0.00
HT IX - Electric Vehicle Charging Stations	0	7.00	1200		-	0	0.00	0	0.00	0.00	0	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00			0	0.00
HT-IX EV - Time-of-Day Tariff (6 PM to 10 PM)	0	8.00			-	0	0.00	0	0.00	0.00	0	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00			0	0.00
HT-IX EV - Time-of-Day Tariff (6 AM to 10 AM)	0	8.00			-	0	0.00	0	0.00	0.00	0	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00			0	0.00
HT-IX EV - Time-of-Day Tariff (10 PM to 6 AM)	0	6.50			-	0	0.00	0	0.00	0.00	0	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00			0	0.00
HT Category at 132 KV	94				9,755.02	0.00	3607.26	0.00	6073.50	953.96	0.00	0.53	0.00	7027.98	0.00	7027.98	92.88	183.67	0.00	0.00	6.61	7311.15	
HT-I Indl Segregated	35	6.65	5700		1,016.88	0	488.81	0	676.23	222.90	0	0.19	0	899.31	0.00	899.31	92.88	183.67	0.00			1	1176.56
HT-I Indl. Time-of-Day Tariff (6 PM to 10 PM)	0	7.65			350.04	0	0.00	0	267.78	0.00	0	0.00	0	267.78		267.78						0	268.02
HT-I Indl. Time-of-Day Tariff (6 AM to 10 AM)	0	7.65			347.05	0	0.00	0	265.49	0.00	0	0.00	0	265.49		265.49						0	265.73
HT-I Indl. Time-of-Day Tariff (10 PM to 6 AM)	0	6.15			672.29	0	0.00	0	413.46	0.00	0	0.00	0	413.46		413.46						0	413.91
Lights & Fans	0	6.65			0.21	0	0.00	0	0.14	0.00	0	0.00	0	0.14		0.14						0	0.14
Colony consumption	0	7.30			5.39	0	0.00	0	3.94	0.00	0	0.00	0	3.94		3.94						0	3.94
Seasonal Industries	0	7.70	5700		-	0	0.00	0	0.00	0.00	0	0.00	0	0.00		0.00						0	0.00
HT-I HMWSSB	6	4.95	5700		1,142.71	0	141.22	0	565.64	64.40	0	0.03	0	630.07		630.07						1	630.85
HT - II (B) Ferro-alloys	1	6.65	5700		163.90	0	27.51	0	108.99	12.54	0	0.01	0	121.54	0.00	121.54	0.00	0.00	0.00			0	121.65
HT-II -Others	4	7.80	5700		20.85	0	19.01	0	16.26	8.67	0	0.02	0	24.95	0.00	24.95	0.00	0.00	0.00			0	24.97
HT-II Others - Time-of-Day Tariff (6 PM to 10 PM)	0	8.80			6.99	0	0.00	0	6.15	0.00	0	0.00	0	6.15		6.15						0	6.16
HT-II Others - Time-of-Day Tariff (6 AM to 10 AM)	0	8.80			7.17	0	0.00	0	6.31	0.00	0	0.00	0	6.31		6.31						0	6.31
HT-II Others - Time-of-Day Tariff (10 PM to 6 AM)	0	7.30			11.06	0	0.00	0	8.07	0.00	0	0.00	0	8.07		8.07						0	8.08
HT III. Airports, Bus Stations and Railway Stations	1	7.45	5700		25.10	0	12.01	0	18.70	5.48	0	0.01	0	24.18	0.00	24.18	0.00	0.00	0.00			0	24.20
HT-III - Aviation Time-of-Day Tariff (6 PM to 10 PM)	0	8.45			15.56	0	0.00	0	13.14	0.00	0	0.00	0	13.14		13.14						0	13.16
HT-III - Aviation Time-of-Day Tariff (6 AM to 10 AM)	0	8.45			11.94	0	0.00	0	10.09	0.00	0	0.00	0	10.09		10.09						0	10.10
HT-III - Aviation Time-of-Day Tariff (10 PM to 6 AM)	0	6.95			27.01	0	0.00	0	18.77	0.00	0	0.00	0	18.77		18.77						0	18.79
HT-IV A Lift Irrigation & Agriculture	20	6.30	3300		5,248.49	0	2456.43	0	3306.55	462.05	0	0.12	0	3768.72	0.00	3768.72	0.00	0.00	0.00			4	3772.28
HT-IV B - CP Water Supply Schemes	2	6.10			234.54	0	72.10	0	143.07	0.00	0	0.01	0	143.08	0.00	143.08	0.00	0.00	0.00			0	143.24
HT-V (A) RailwayTraction	17	5.05	5700		303.26	0	331.26	0	153.15	151.05	0	0.09	0	304.29	0.00	304.29	0.00	0.00	0.00			0	304.49
HT-V (B) HMR	8	4.95	5700		144.59	0	58.92	0	71.57	26.87	0	0.05	0	98.49	0.00	98.49	0.00	0.00	0.00			0	98.59
HT-VI - Townships & Colony Supply	0	7.30	3120		-	0	0.00	0	0.00	0.00	0	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00			0	0.00
HT - VII - Temporary Supply	0	10.80	6000		-	0	0.00	0	0.00	0.00	0	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00			0	0.00
HT- RESCOs	0	5.52			-	0	0.00	0	0.00	0.00	0	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00			0	0.00
HT IX - Electric Vehicle Charging Stations	0	7.00	1200		-	0	0.00	0	0.00	0.00	0	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00			0	0.00
HT-IX EV - Time-of-Day Tariff (6 PM to 10 PM)	0	8.00			-	0	0.00	0	0.00	0.00	0	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00			0	0.00
HT-IX EV - Time-of-Day Tariff (6 AM to 10 AM)	0	8.00			-	0	0.00	0	0.00	0.00	0	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00			0	0.00
HT-IX EV - Time-of-Day Tariff (10 PM to 6 AM)	0	6.50			-	0	0.00	0	0.00	0.00	0	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00			0	0.00
TOTAL (LT + HT)	10454389				46,822.80	0.00	23593.06	8011028.62	25405.95	3747.74	0.00	893.50	0.00	30047.19	0.00	30047.19	245.84	459.75	0.00	0.00	33.10	30785.88	

Form 13

2022-23

Consumer Category	Detail Links	Cost of Service	Revenue from Tariff & Charges	(Class Deficit) / Class Surplus (=Revenue from Tariff & Charges - CoS)	External Subsidy	Cross Subsidy
LT Category		21035.48	8551.41	-12484.07	0.00	-12484.07
Category I (A&B) - Domestic		7723.99	4632.45	-3091.54		-3091.54
Category II (A,B, C & D) - Non-domestic/Commercial		1898.21	2690.51	792.30		792.30
Category III - Industrial		655.68	712.60	56.92		56.92
Category IV (A & B) - Cottage Industries		6.99	4.49	-2.51		-2.51
Category V (A & B) - Agriculture		10285.40	57.82	-10227.58		-10227.58
Category VI (A & B) - Local Bodies, St. Lighting & PWS		358.49	327.64	-30.85		-30.85
Category VII (A & B) - General Purpose		46.85	43.74	-3.11		-3.11
Category VIII -Temporary Supply		58.31	81.12	22.81		22.81
Category IX-Electric Vehicle Charging Stations		1.55	1.04	-0.51		-0.51
HT Category at 11 KV		4376.01	5742.70	1366.68	0.00	1366.68
HT-I Industry Segregated		2989.01	3571.39	582.38		582.38
HT-I (B) Ferro-Alloys		0.00	0.00	0.00		0.00
HT-II - Others		1060.29	1748.83	688.54		688.54
HT-III Airports, Railways and Bustations		3.35	5.19	1.84		1.84
HT -IV A Lift Irrigation and agriculture		38.35	38.42	0.07		0.07
HT- IV B - CP Water Supply Schemes		103.07	79.26	-23.82		-23.82
HT-VI Townships and Residential Colonies		93.98	107.90	13.92		13.92
HT - VII Temporary Supply		79.06	183.25	104.19		104.19
HT- RESCOs		0.00	0.00	0.00		0.00
HT - IX Electric Vehicle Charging Stations		8.90	8.45	-0.45		-0.45
HT Category at 33 KV		4159.82	5404.67	1244.85	0.00	1244.85
HT-I Industry Segregated		3328.52	4259.36	930.84		930.84
HT-I (B) Ferro-Alloys		17.28	19.73	2.44		2.44
HT-II - Others		585.24	879.57	294.33		294.33
HT-III Airports, Railways and Bustations		0.00	0.00	0.00		0.00
HT -IV A Lift Irrigation and agriculture		11.27	15.38	4.11		4.11
HT- IV B - CP Water Supply Schemes		139.83	119.39	-20.44		-20.44
HT-VI Townships and Residential Colonies		63.15	76.34	13.19		13.19
HT - VII Temporary Supply		14.53	34.91	20.38		20.38
HT- RESCOs		0.00	0.00	0.00		0.00
HT - IX Electric Vehicle Charging Stations		0.00	0.00	0.00		0.00
HT Category at 132 KV		5298.87	6042.84	743.97	0.00	743.97
HT-I Industry Segregated		1868.72	2153.20	284.49		284.49
HT-I (B) Ferro-Alloys		74.85	82.06	7.21		7.21
HT-II - Others		24.08	38.80	14.72		14.72
HT-III Airports, Railways and Bustations		34.80	55.95	21.15		21.15
HT -IV A Lift Irrigation and agriculture		2918.74	3266.63	347.89		347.89
HT- IV B - CP Water Supply Schemes		130.43	119.78	-10.65		-10.65
HT-V (A) Railway Traction		173.65	247.11	73.46		73.46
HT-V (B) HMR		73.61	79.30	5.69		5.69
HT-VI Townships and Residential Colonies		0.00	0.00	0.00		0.00
HT - VII Temporary Supply		0.00	0.00	0.00		0.00
HT- RESCOs		0.00	0.00	0.00		0.00
HT - IX Electric Vehicle Charging Stations		0.00	0.00	0.00		0.00
Total		34870.18	25741.61	-9128.57	0.00	-9128.57