

**NORTHERN POWER DISTRIBUTION COMPANY  
OF TELANGANA LIMITED**

**(Distribution & Retail Supply Licensee)**



**Filing of Aggregate Revenue Requirement (ARR)  
for Retail Supply Business for the FY 2022-23**

**30<sup>th</sup> November 2021**

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

AT ITS OFFICE AT 5<sup>th</sup> 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:**

**NORTHERN POWER DISTRIBUTION COMPANY OF TELANGANA LIMITED .... Applicant**

H.No: 2-5-31/2, Corporate Office, Vidyut Bhavan, Nakkalgutta, Hanamkonda,  
Warangal-506 001, Telangana, India. website: <http://www.tsnpdcl.in/>

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 29<sup>th</sup> state of the Republic India on 02.06.2014. In accordance with the APR Act, 7 mandals (Chintoor, Kunavaram, Vararamachandrapuram, Kukunuru, Velairupadu, Badrachalam (excluding Badrachalam town) and part of Burgampadu (excluding 12 revenue villages) of the TSNPDCL (erstwhile APNPDCL) were to be transferred to residual state of Andhra Pradesh. Further, name of the Licensee has been changed from Northern Power Distribution Company of Andhra Pradesh Limited (APNPDCL) to Northern Power Distribution Company of Telangana Limited (TSNPDCL) w.e.f 28.05.2014.
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 2<sup>nd</sup> 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similarly apply in relation to all matters falling within the jurisdiction of the Commission until they are altered, repealed or amended by the respective State Electricity Regulatory Commissions.”*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 **NORTHERN POWER DISTRIBUTION COMPANY OF TELANGANA LIMITED (TSNPDCL)** under Section 64 of the Electricity Act, 2003 for determination of the Aggregate Revenue Requirement (ARR) for the Retail Supply Business 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 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 1<sup>st</sup> year of 4<sup>th</sup> control period. The Licensee explained that the uncontrollable factors and significant uncertainties involved are likely to continue in the coming years as well. 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 4<sup>th</sup> 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 Hon'ble Commission has informed that it may consider allowing submission of the ARR & Proposed Tariff filings with respect to the Retail Supply Business on annual basis for FY2022-23 and FY 2023-24, vide proceedings No. S/RO-1/5/Secy/JD (Law) – 02 /D.No. 518/2021 Dated: 05.11.2021.
8. The licensee humbly requests the Hon'ble Commission to permit to file the ARR and Retail Supply Business filings on annual basis for FY 2022-23, instead of entire 4th control period.
9. 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 H1 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 (H2 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.
10. 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.
11. 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 4<sup>th</sup> 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 6324.3 MW for FY 2021-22 & 6472.5 MW for FY 2022-23 have been considered as per the transmission MYT order for 4<sup>th</sup> 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 6622.38 MW for FY 2021-22 & SLDC Annual Fee (Rs. 2706.21/MW/ Annum) and Operating Charges (Rs.1668.69/MW/ Month) and the contracted capacity of 6756.52 MW for FY 2022-23 as per the SLDC MYT order for 4<sup>th</sup> 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 4<sup>th</sup> 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 4<sup>th</sup> 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 other pertinent factors.**

**Summary of the Filing:**

- a) **Sale of Energy and Loss:**

Particulars	2020-21 (Actuals)		2021-22 (Estimates)		2022-23 (Estimates)	
	MU	%	MU	%	MU	%
Metered Sales	10870	52.61%	12111	55.29%	18380	65.99%
LT Agricultural Sales	7904	38.26%	7838	35.78%	7525.14	27.02%
<b>Total Sales</b>	<b>18774</b>	<b>90.87%</b>	<b>19949</b>	<b>91.07%</b>	<b>25905</b>	<b>93.01%</b>
Add: Distribution Losses (including EHT sales)	1886	9.13%	1955	8.93%	1947.55	6.99%
<b>Energy Required at Discom Level</b>	<b>20660</b>	<b>100.00%</b>	<b>21905</b>	<b>100.00%</b>	<b>27852</b>	<b>100.00%</b>
Distribution Losses (excluding EHT sales)	1886	10.81%	1955	10.80%	1948	10.71%

As seen from the above table, the actual losses (excl. EHT sales) for FY2020-21 is 10.81%. It is expected to reduce the losses further with the implementation of the following measures.

- Erected 1,383 Nos. of 11 KV level 2 MVAR/1 MVAR Capacitor Banks having capacity 2,254 MVAR at 33/11 KV Sub Stations thereby improving power factor and reducing losses on 33 KV feeders.
- To reduce the over loaded feeders feeding to AGL loads, 153 no's 33KV lines of 1593.94 KM in length were erected
- Energy audit is being done for all feeders on regular basis at corporate office level.
- 37 Nos, additional 33/11 KV sub-stations were charged in FY 2019-20 and 34 additional substations are charged in FY 2020-21, to reduce the load on over loaded 33 KV & 11 KV lines and to maintain good voltage profiles up to the consumer's end.

**b) Actual Sales for FY 2020-21 and Estimates for FY 2021-22 and FY 2022-23:** The licensee has adopted the trend method and end-user method for projecting the category-wise sales for 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 and sales projections for FY 2021-22 and FY 2022-23 are presented in table below:



<b>Sales/Forecast Sales (MU)</b>	<b>2020-21 (Actuals)</b>	<b>2021-22 (Est.)</b>	<b>2022-23 (Proj.)</b>
<b>LT Category</b>	<b>12928</b>	<b>13224</b>	<b>13261</b>
Cat-I Domestic	3769	3964	4259
Cat-II Non-Domestic	649	777	820
Cat-III Industry	246	246	251
Cat-IV Cottage Industries	8	8	8
Cat-V Agriculture	7904	7839	7525
Cat-VI Streetlights & PWS	322	335	341
Cat-VII General Purpose	27	50	53
Cat-VIII Temporary	2	4	4
LT IX: EV Charging Stations	0	0	0
<b>HT Category</b>	<b>5846</b>	<b>6725</b>	<b>12643</b>
<b>HT Category at 11 kV</b>	<b>2014</b>	<b>2264</b>	<b>2331</b>
HT-I(A): Industry (General)	772	915	961
HT-I(B): Ferro Alloy Units	0	0	0
HT-II: Others	96	128	133
HT-III: Airports, Bus Stations and Railway Stations	6	7	7
HT-IV(A): Lift Irrigation and Agriculture	33	32	33
HT-IV(B): CPWS	137	142	149
HT-VI: Townships and Residential Colonies	9	9	9
HT VII Temporary	24	20	21
HT VIII RESCO	938	1010	1012
HT IX EV Charging Stations	0	0	5
<b>HT Category at 33 kV</b>	<b>611</b>	<b>660</b>	<b>648</b>
HT-I(A): Industry (General)	188	190	159
HT-I(B): Ferro Alloy Units	37	61	63
HT-II: Others	10	10	10
HT-III: Airports, Bus Stations and Railway Stations	0	0	0
HT-IV(A): Lift Irrigation and Agriculture	32	26	27
HT-IV(B): CPWS	289	319	335
HT-VI: Townships and Residential Colonies	43	39	38
HT VII Temporary	13	15	15
<b>HT Category at 132 kV and above</b>	<b>3221</b>	<b>3802</b>	<b>9663</b>
HT-I(A): Industry (General)	807	780	611
HT-I(B): Ferro Alloy Units	0	0	0
HT-II: Others	9	3	3
HT-III: Airports, Bus Stations and Railway Stations	0	0	0
HT-IV(A): Lift Irrigation and Agriculture	1892	2393	8441
HT-IV(B): CPWS	25	28	28
HT-V(A): Railway Traction	318	480	480
HT-VI: Townships & Residential Colonies	100	99	99
HT VII Temporary	70	9	0

Sales/Forecast Sales (MU)	2020-21 (Actuals)	2021-22 (Est.)	2022-23 (Proj.)
<b>Total</b>	<b>18774</b>	<b>19949</b>	<b>25904</b>

c) **Key Demand Drivers for FY20-21, FY21-22 and FY22-23:** 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 a substantial increase of 25% from 1958 MU in FY 2020-21 to 2452 MU in FY 2021-22 and increase of 246% from 2452 MU in FY 2021-22 to 8501 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) - 1<sup>st</sup> unit, 2<sup>nd</sup> and 3<sup>rd</sup> unit of BTPS have been commissioned on 5th June 2020, 7th December 2020 and 27th March 2021 respectively. The Expected CoD of 4<sup>th</sup> unit – 1<sup>st</sup> January 2022.
  - YTPS (5x800 MW) – 1<sup>st</sup> unit (800 MW) is expected to be commissioned on 1<sup>st</sup> 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 –

<b>Particulars</b>	<b>2021-22 (Estimates)</b>	<b>2022-23 (Projections)</b>
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.

f) **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 TSNPDCL.

Rs. in crore

Consumer Categories	2020-21 (Actual)	2021-22 (Estimated)	2022-23 (Proj.)
<b>L.T. Supply</b>	<b>2670</b>	<b>2814</b>	<b>2967</b>
LT-I: Domestic	1478	1532	1637
LT-II: Non-Domestic/Commercial	665	783	823
LT-III: Industry	222	196	200
LT-V: Agricultural	58	56	57
LT Others*	245	246	251
<b>H.T. Supply</b>	<b>4219</b>	<b>4390</b>	<b>7765</b>
HT-I(A): Industry-General <sup>§</sup>	1358	1423	1278
HT-I(B): Ferro Alloy Units	21	33	35
HT-II: Others	129	163	159
HT-III: Airport, Bus Stations and Railway Stations	6	7	7
HT-IV: Irrigation & CPWS <sup>§</sup>	1833	1900	5427

Consumer Categories	2020-21 (Actual)	2021-22 (Estimated)	2022-23 (Proj.)
HT-V(A): Railway Traction	192	253	253
HT Others**	681	610	606
<b>Total</b>	<b>6889</b>	<b>7204</b>	<b>10732</b>

The gross revenue to the licensee (Excl. NTI) for 2020-21 is **Rs. 6,853** crores vis-à-vis actuals of the previous year of **Rs. 7,845** crores, due to increase in un-metered sales by 11% and a decrease in metered sales to the tune of 5%. During 2021-22 the estimated revenue from sale of power by TSNPDCL is estimated at **Rs.7,175** crore, with an increase in metered sales by around 11% over FY20-21, predominantly contributed by the LIS sales.

For FY 2022-23 the estimated revenue from sale of power by TSNPDCL is estimated at **Rs.10,703** crore, with an increase in metered sales by 6269 MUs 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):

Rs. in crore

Particulars	2021-22 (Estimated)	2022-23 (Projection)
<b>Total Expenditure</b>		
Power purchase	10553	13004
Transmission charges	848	1005
PGCIL / ULDC Charges	451	484
SLDC Charges	15	13
Distribution cost	3139	3601
Interest on consumer deposits	47	49
Supply Margin	21	26
Other Costs	-	-
<b>ARR</b>	<b>15074</b>	<b>18183</b>

Particulars	2021-22 (Estimated)	2022-23 (Projection)
<b>Total Revenue</b>		
Revenue from CSS and AS	-	-
Revenue at Current Tariffs* (Including NTI)	7204	10732
Govt. Subsidy	4254	4254
<b>Net Regulatory (Gap)/ surplus</b>	<b>(3616)</b>	<b>(3197)</b>

Gross revenue from LIS category as per the above-mentioned projections is estimated to be Rs. 1,646 Crs, which is 23% of the gross revenue of Rs 7,175 Crs projected for TSNPDCL in the year FY 2021-22. Similarly, Gross revenue from LIS category as per the above-mentioned projections is estimated to be Rs. 5,155 Crs, which is 48% of the gross revenue of Rs 10,703 Crs projected for TSNPDCL 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.*

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.

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

**NORTHERN POWER DISTRIBUTION COMPANY OF TELANGANA LIMITED**

.....Applicant

Through

Place: Hanumakonda  
Dated: 30.11.2021



**CHAIRMAN AND MANAGING DIRECTOR**

*Chairman & Managing Director*  
TSNPDCL / WARANGAL.

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

AT ITS OFFICE AT 5<sup>th</sup> 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:**

**NORTHERN POWER DISTRIBUTION COMPANY OF TELANGANA LIMITED ....Applicant**

H.No: 2-5-31/2, Corporate Office, Vidyut Bhavan, Nakkalgutta, Hanumkonda,  
Warangal-506 001, Telangana, India. website: <http://www.tsnpdcl.in/>

The Applicant respectfully submits as under:

**Affidavit of Applicant verifying the application filed under section 64 of the Electricity Act, 2003 and in accordance with the Regulation 4 of 2005.**

I, Sri A. Gopal Rao, son of Sri A. Chalapathi Rao, working for gain at the Northern Power Distribution Company of Telangana Limited do solemnly affirm and say as follows:

- 1 I am the Chairman and Managing Director of Northern Power Distribution Company of Telangana Limited (TSNPDCL).
- 2 I am competent and duly authorised by TSNPDCL 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 TSNPDCL to submit the application of TSNPDCL for Retail Supply Business for FY2022-23 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 TSNPDCL. 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:

- a. Take the accompanying ARR application of TSNPDCL on record and treat it as complete;
- b. To grant the opportunity to TSNPDCL to submit Tariff proposal at a later date
- c. Grant suitable opportunity to TSNPDCL within a reasonable time frame to file additional material information that may be subsequently available;
- d. Consider and approve TSNPDCL's ARR application including all requested regulatory treatments in the filing;
- e. 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*  
TSNPDCL / WARANGAL.

**VERIFICATION:**

I, the above-named Deponent solemnly affirm at Warangal on this **30<sup>th</sup> 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**

*Chairman & Managing Director*  
TSNPDCL / WARANGAL.

*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.

## Contents

<b>1</b>	<b>INTRODUCTION .....</b>	<b>9</b>
1.1	Factual Background .....	9
1.2	Multi-Year Tariff (MYT) Principles.....	9
1.3	Past Filings.....	10
1.4	Present Filings.....	11
1.5	Filing Content .....	12
<b>2</b>	<b>Efficiency &amp; Performance.....</b>	<b>14</b>
2.1	Operational Performance .....	14
2.1.1	Energy Balance .....	14
2.1.2	Metered Sales.....	14
2.1.3	Agricultural sales .....	15
2.1.4	Distribution Losses.....	15
2.2	Financial Performance.....	16
2.2.1	Revenue from sale of Electricity.....	16
2.2.2	Power purchase cost .....	17
<b>3</b>	<b>SALES FORECAST &amp; ENERGY REQUIREMENT .....</b>	<b>17</b>
3.1	Category-wise Sales Forecast:.....	19
3.1.1	HT-I Industrial: .....	19
3.1.2	HT-II Non-Industrial:.....	19
3.1.3	HT-III Airports, Bus Stations and Railway Stations:.....	20
3.1.4	HT-IVA Irrigation & Agriculture:.....	20
3.1.5	HT-V Traction: .....	23
3.1.6	HT-VI Colony Lighting:.....	23
3.1.7	HT- RESCO:.....	23
3.1.8	HT-VII Temporary Supply: .....	24
3.1.9	HT-IX Electric Vehicle Charging Stations: .....	24
3.1.10	LT-I Domestic: .....	24
3.1.11	LT-II Non-Domestic /Commercial:.....	24
3.1.12	LT-III Industrial:.....	25
3.1.13	LT-IV Cottage Industries: .....	25
3.1.14	LT-V Agriculture:.....	25

3.1.15	LT-VI Public Lighting & PWS Schemes:.....	28
3.1.16	LT-VII General Purpose: .....	28
3.1.17	Temporary Supply:.....	28
3.2	Load Forecast .....	29
3.2.1	Discom Losses .....	29
3.2.2	Transco Losses .....	30
3.2.3	Losses external to Transco system.....	30
3.2.4	Energy Requirement.....	30
<b>4</b>	<b>POWER PURCHASE PLAN.....</b>	<b>32</b>
4.1	Installed Capacity of Generating Stations.....	33
4.2	Energy Availability.....	38
<b>5</b>	<b>EXPENDITURE PROJECTIONS &amp; ARR.....</b>	<b>46</b>
5.1	Power Purchase Expenditure Projections.....	46
5.1.1	TS Genco- Thermal and Hydro .....	46
5.1.2	Central Generating Stations.....	48
5.1.3	PGCIL (POC) Charges, PGCIL (Non-POC) and SRLDC charges & fees .....	49
5.1.4	APGPCL.....	50
5.1.5	Non-Conventional Energy (NCE) Sources .....	50
5.1.6	Thermal Power Tech Corporation India Ltd. (TPCIL) .....	51
5.1.7	Chhattisgarh Power Distribution Company Limited (CSPDCL).....	52
5.1.8	Singareni Thermal Power Project.....	52
5.1.9	Short-term Power (RTC).....	52
5.1.10	PTC India Ltd.....	53
5.1.11	Bilateral/ Inter-State purchases.....	53
5.1.12	D-D purchases/ sales.....	54
5.1.13	Other Costs.....	55
5.1.14	Summary of power purchase for FY2020-21, FY2021-22 and FY 2022-23 ....	55
5.2	Transmission Cost.....	56
5.3	SLDC Charges .....	57
5.4	Distribution Cost.....	57
5.5	Interest on Consumer Security Deposits.....	58
5.6	Supply Margin in Retail Supply Business.....	58
5.7	Other Cost.....	58
5.8	Aggregate Revenue Requirement for Retail Supply Business .....	59

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<b>6</b>	<b>REVENUE PROJECTIONS &amp; REVENUE GAP AT CURRENT TARIFFS .....</b>	<b>60</b>
6.1	Actual Revenue for FY 2020-21 and Revenue projections at current tariffs for FY 2021-22 and FY 2022-23 .....	60
6.2	Non-Tariff Income.....	61
6.3	Revenue Gap .....	62
<b>7</b>	<b>COST OF SERVICE .....</b>	<b>63</b>
7.1	Cost of Service Model .....	63
7.2	CoS Results .....	68

**List of Abbreviations**

Agl	Agriculture
APGPCL	Andhra Pradesh Gas Power Corporation Limited
ARR	Aggregate Revenue Requirement
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
CUF	Capacity Utilization Factor
DISCOMs	Distribution Companies, Distribution Licensees, Licensees
DSM	Demand Side Management
DTR	Distribution Transformer
EHT	Extra High Tension
FY	Financial Year
Gol	Government of India
GoTS	Government of Telangana
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	NTPC Vidyut Vyapar 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
UDAY	Ujwal DISCOM Assurance Yojana
ULDC	Unified Load Dispatch and Communication
UMPP	Ultra Mega Power Project

## Glossary

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

“4<sup>th</sup> 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

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

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

“Current year” refers to FY2021-22.

“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 FY2022-23.

“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 TSNPDCL.

“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 Northern Power Distribution Company of Telangana Limited (TSNPDCL) [formerly Northern Power Distribution Company of Andhra Pradesh Limited, APNPDCL was incorporated under the Companies Act, 1956 as a public limited company and has Distribution and Retail Supply of Electricity license (License No.14 of 2000), granted by Hon'ble Commission (former APERC) 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 As per the amended Andhra Pradesh Reorganization Act, 2014, 7 mandals Chintoor, Kunavaram, Vararamachandrapuram, Kukunuru, Velairupadu, Badrachalam excluding Badrachalam town) and part of Burgampadu (excluding 12 revenue villages) of the TSNPDCL (erstwhile APNPDCL) were to be transferred to residual state of Andhra Pradesh 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 APNPDCL to **Northern Power Distribution Company of Telangana Limited** (TSNPDCL) w.e.f. 28.05.2014. The Hon'ble Commission in its order dated 17<sup>th</sup> March, 2017 in O.P No. 4 of 2017, has allowed the name of the license to be the Northern Power Distribution Company of Telangana State Limited (TSNPDCL) in place of the Northern Power Distribution Company of Andhra Pradesh Limited (APNPDCL).

## 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) 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.”*

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

### **1.3 Past 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 4<sup>th</sup> 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 1<sup>st</sup> year of 4<sup>th</sup> 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 7 mandals relating to the TSNPDCL (erstwhile APNPDCL. As per the directions of the Hon'ble Commission, the Licensee has filed the True-ups for Distribution Business for 1<sup>st</sup> & 2<sup>nd</sup> control periods on 28.01.2020 duly bifurcating the assets of 7 mandals relating to the TSNPDCL (erstwhile APNPDCL) as a part of additional information to the Filings for ARR and Wheeling Tariff Proposals for 4<sup>th</sup> 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.
- 1.4.4 Further the licensee vide its letter dated 02.10.2021 requested the Hon'ble 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

1.4.6 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 for Retail Supply Business for FY2022-23.
- c) Cost of Service for the FY2022-23.

## 1.5 Filing Content

1.5.1 The application is structured in Nine (9) sections as given in table below:

<b>Section 1:</b> <i>(this section)</i>	Provides factual background about TSNPDCL (Licensee). About these filings under regulatory MYT frame work. The summary and the salient features of these filings.
<b>Section 2:</b>	Provides analysis of performance of Licensee during the previous year. Retail Supply Business comprising <ul style="list-style-type: none"> <li>• Operating Performance</li> <li>• Financial Performance</li> </ul>
<b>Section 3:</b>	<b>Sales Forecast &amp; Energy Requirement</b>  The sales forecast is used to determine the energy input required for current year & ensuing year for meeting the demand. For sales forecast of FY2021-22 and FY 2022-23.  Energy requirement is arrived by grossing up the projected sales with applicable Transmission & Distribution (T&D) losses.
<b>Section 4:</b>	<b>Deals with Power procurement plan for FY 2021-22 &amp; FY 2022-23</b>  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 FY 2021-22 & FY 2022-23 to meet the demand expected during various months.
<b>Section 5:</b>	Provides actual expenditure for FY2020-21 and Expenditure Projections for FY2021-22 and FY2022-23 consisting of: - <ul style="list-style-type: none"> <li>• Power Purchase and Procurement Cost</li> <li>• Transmission and PGCIL Charges</li> </ul>

	<ul style="list-style-type: none"> <li>• SLDC Charges</li> <li>• Distribution Cost</li> <li>• Interest on Consumer Security Deposits</li> <li>• Supply Margin</li> <li>• Other Costs</li> <li>• ARR for Retail Supply Business for FY2021-22 and FY 2022-23</li> </ul>
<b>Section 6</b>	Provides the details of actual revenue FY2020-21 and revenue estimated with current tariffs for FY2021-22 and FY2022-23. It also contains the actual revenue gap for FY2020-21 and Estimated Revenue gap for FY2021-22 & FY2022-23.
<b>Section 7</b>	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.

***Appendix –A – Status of Implementation of Directives***

***Appendix –B – Performance parameters***

***Appendix –C – RSF filing formats***

***Appendix –D – CoS filing formats***

## 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	FY 2020-21		FY 2021-22	
	Actuals		Estimates	
	MU	%	MU	%
Metered Sales	10,870	53%	12,111	55%
LT Agricultural Sales	7,904	38%	7,839	36%
Total Sales	18,774	91%	19,949	91%
Dist. Losses (Excl: EHT Sales)	1,886	10.81%	1,961	10.83%
EHT Sales	3,221	16%	3,802	17%
Dist. Losses (Incl: EHT Sales)	1,886	9.13%	1,961	8.95%
<b>Discom Input (MU)</b>	<b>20,660</b>	<b>100%</b>	<b>21,911</b>	<b>100%</b>

#### 2.1.2 Metered Sales

In FY 2019-20, the metered sales are recorded additional 2478 MU over previous year FY 2018-19 sales i.e 8,994 MU, in additional sales major contribution from HT category predominated by Lift irrigation sales and Industrial sales.

Whereas during the FY 2020-21, the metered sales recorded were 10,870 MU observed growth of -5% over FY 2019-20 metered sales i.e 11,472 MU.

In the FY 2019-20 agriculture sales are decreased from 8,201 MU to 7,140 MU i.e.- 13% growth over FY 2018-19, due to heavy rains in September & October months in FY 2019-20.

It is to submit that the licensee is providing 24hrs power supply to all its agricultural consumers from 1st January, 2018 as per the policy unveiled by Govt. of Telangana. After implementing the policy, huge growth in agricultural sales has been witnessed during the last quarter of FY2017-18. The impact of the new policy would also result in increase of sales in FY 2018-19.

In the previous year's FY2019-20 & FY 2020-21 there is a reduction of 1,060 MU and 297 MU respectively in agricultural sales on account of increased rainfall in September and

October months in 2019 & 2020.

### 2.1.3 Agricultural sales

In FY 2020-21, the agricultural consumption was 7,904 MU, which is higher than the previous year by 764 MU. This is due to increase in number of new connections released during the year.

In the current year 2021-22, the total sales in the first half increased by 12.06% over the first half of FY20-21. Due to very good rainfall during monsoon season in the current year and expecting improvement in ground water levels in addition to release of new connections, the agricultural consumption expected to be at 7904 MU.

### 2.1.4 Distribution Losses

Year	Loss Target as per ERC		Actual		No. of 11 KV T&MHQ feeders for which energy audit done	Additional 33/11 KV sub-stations charged
	Excl. EHT	Incl. EHT	Excl. EHT	Incl. EHT		
2014-15	Tariff Order not issued		14.69%	13.25%	565	28
2015-16	12.58%	11.13%	14.35%	12.84%	570	64
2016-17	12.14%	10.77%	13.70%	12.20%	581	109
2017-18	11.93%	10.20%	12.31%	11.03%	600	86
2018-19	11.77%	9.60%	11.23%	9.92%	655	84
2019-20			11.06%	8.85%	782	37
2020-21			10.81%	9.13%	821	34

It is clearly observed from the above table that, the actual distribution losses in FY 2020-21 are 10.81% which shows a gradual decrease compared to previous years. As part of internal efficiency improvement programs, Licensee has undertaken various loss reduction Initiatives and energy Conservation measures to reduce T&D losses few of them are:

- Erected 1,384 Nos. of 11 KV level 2 MVAR/1 MVAR Capacitor Banks having capacity 2,254 MVAR at 33/11 KV Sub Stations thereby improving power factor and reducing losses on 33 KV feeders.
- To reduce the over loaded feeders feeding to AGL loads, 153 no's 33KV lines of 1593.94 KM in length were erected
- Along with the above of 11KV lines were erected to support the overloaded feeders.



- Energy audit is being done for all feeders on regular basis at corporate office level.

37 Nos, additional 33/11 KV sub-stations were charged in FY 2019-20 and 34 additional substations are charged in FY 2020-21, to reduce the load on overloaded 33 KV & 11 KV lines and to maintain good voltage profiles up to the consumer's end.

## 2.2 Financial Performance

The following table provides an overview of TSNPDCL's financial performance for the FY 2020-21 and compares with the approved values.

**(Rs. in Crs)**

Particulars	FY 2020-21
	Actuals
Revenue from Tariff	6,853.44
Non-Tariff Income	35.62
GOTS Subsidy*	4,254.15
<b>Total Revenue</b>	<b>11,143.21</b>
Distribution Cost	2,437.06
Power purchase	9,845.80
Transmission & SLDC Charges	703.03
PGCIL & ULDC charges	469.70
Interest on Consumer SD	42.66
Supply margin in RSB	14.74
Other Costs if any	
<b>Total Expenditure</b>	<b>13,512.99</b>
<b>Revenue (Deficit)/Surplus</b>	<b>(2,369.78)</b>

### 2.2.1 Revenue from sale of Electricity

The actual revenue (excl. NTI) for FY 2020-21 the actual revenue is Rs. 6853 Crores. The category wise revenue of the licensee is placed below.

**(Rs. in Crs.)**

Particulars	FY 2020-21
	Actuals
<b>LT</b>	
LT-I Domestic	1470.98
LT-I Non - Domestic	664.61
LT-III Industry	222.16
LT-IV Cottage and Dobighats	3.83
LT-V Agriculture	43.04
LT-VI Street light and PWS	197.74
LT-VII General	25.93

LT-VIII Temporary	17.22
<b>Total LT</b>	<b>2645.51</b>
<b>HT</b>	
HT-I Industry	1375.43
HT-II Others	128.57
HT-III Airports, Bus & Railway Stations	5.84
HT-IV Agriculture and Irrigation	1828.15
HT-VA Railway Traction	191.36
HT-VI Townships	98.74
HT-VII Temporary	154.33
HT-11kv RESCO (Siricilla)	425.51
<b>Total HT</b>	<b>4207.93</b>
<b>Grand Total</b>	<b>6853.44</b>

### 2.2.2 Power purchase cost

In FY 2020-21 the actual power purchase cost for TSNPDCL is Rs 9846 crores for purchase of energy of 21628.85 MU. The average power purchase cost per unit for FY 2020-21 is Rs 4.55 which is marginally lesser than the previous year.

In FY 2021-22, the actual power purchase cost for TSNPDCL is Rs 10,553.06 crores for purchase of energy of 22,848.26 MU. The average power purchase cost per unit for FY 2021-22 is Rs 4.62.

## 3 SALES FORECAST & ENERGY REQUIREMENT

The licensee has adopted two different methodologies namely, trend method and end-user methodology for forecasting the sales in various categories. The trend method has been used predominantly except in the case of HT-I and HT-IV category services, for which the end-user method has been adopted. The sales projections for the current and ensuing years, the licensee has shown below actual sales of TSNPDCL for the FY 2020-21 and FY 2021-22 H1 Actuals.

### o Trend Method:

This method is a non-causal model of demand forecasting that assumes that the demand would follow the same trend as in the past. In this trend method, there is flexibility to incorporate recent and future changes by adjusting the growth rates to project short term sales forecasting of current and ensuing years. The licensee has

projected the category wise sales duly considering the recent changes and historical sales from FY 2015-16 to H1 of FY 2021-22 and its compound annual growth rates.

○ **End-User Method**

The licensee has adopted this methodology primarily for HT – I (Industrial) and HT – IV (Irrigation and Agriculture) categories. For HT – I category, as historical growth trend for these categories does not include the new initiatives which have significant impact on the sales projections and also energy growth rate varies significantly from industry to industry. For HT – IV, the sales are scheme dependent; hence, for forecasting the sales of this category, the licensee has considered the inputs as given by the Irrigation Department.

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, Traction categories, etc., the licensee has projected the sales in H2 of FY2021-22 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 consumption for H2 of FY 2021-22 and FY 2022-23.

- Compounded annual growth rate computed for historical sales from FY 2015-16 to FY 2020-21.
- Sales projected for H2 of FY 2021-22 using expected growth rates over actual sales of H2 of FY 2020-21.
- Estimation of Energy requirement HT-IV(A) for FY2022-23 as per the information received from the Irrigation Department.

- 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 Category-wise Sales Forecast:

#### 3.1.1 HT-I Industrial:

The impact of COVID-19 lockdown has affected the sales of this category in H1 of FY2020-21 over H1 of FY2019-20 with a reduction of 91 MU. But after gradual restoration of normal sales (due to lifting of lockdown) the sales for H1 FY2021-22 increased by 163 MU, a nominal growth rate of 10%, 8% and 14% is adopted on FY 2019-20 sales at 11kV, 33kV and 132kV voltage levels for estimating the sales in H2 of FY2021-22 and 5%,4% and 5% nominal growth rate is adopted on FY 2021-22 sales at 11kV, 33kV and 132kV voltage levels for estimating the sales in FY2022-23. Singareni Captive Solar Power plants where already 183 MW capacity were Synchronized at the end of Oct 2021 and balance 117 MW will be commencing in FY 2022-23, and the sales reduction for FY 2021-22 H2 and FY 2022-23 are 166 MU and 422 MU respectively

(In MU)					
HT-I	2020-21	2021-22H1	2021-22H2	2021-22	2022-23
Voltage	Actuals	Actuals	Projections	Projections	Projections
11kV	771.64	423.87	491.15	915.01	960.76
33kV	225.20	136.66	114.00	250.67	222.85
132kV	807.12	396.82	392.79	789.62	610.82
<b>Total</b>	<b>1,803.95</b>	<b>957.35</b>	<b>997.94</b>	<b>1,955.30</b>	<b>1,794.43</b>

#### 3.1.2 HT-II Non-Industrial:

At EHT level, there are two consumers one at 220 KV level (Heavy Water Plant) and other one (Singareni Thermal Power plant) at 132KV level, out of which one consumer avails power from captive sources and another service was released in the end of the FY 2012-13 which was taken for construction of power plant and subsequently this service is being used for startup power for their generating plant. The sales projected FY 2021-22 and FY 2022-23 are 3 MU each year.

The consumption of HT-II at 33 KV level is to be expected 10.21 MU and 10.41 MU for FY 2021-22 and FY 2022-23 respectively. The consumption of this category is mainly contributed by the category in the 11 KV, the sales under this voltage for the FY 2020-21 was decreased by around 33% over the FY 2019-20 due to Covid-19. In view of the above, the licensee has projected sales for FY 2021-22 and FY 2022-23 to be 128 MU and 133 MU respectively.

**(In MU)**

<b>HT-II</b>	<b>2020-21</b>	<b>2021-22H1</b>	<b>2021-22H2</b>	<b>2021-22</b>	<b>2022-23</b>
<b>Voltage</b>	<b>Actuals</b>	<b>Actuals</b>	<b>Projections</b>	<b>Projections</b>	<b>Projections</b>
<b>11kV</b>	96.02	65.26	62.72	127.98	133.38
<b>33kV</b>	9.56	5.07	5.14	10.21	10.41
<b>132kV</b>	8.93	1.65	1.75	3.40	3.40
<b>Total</b>	<b>114.52</b>	<b>71.98</b>	<b>69.60</b>	<b>141.59</b>	<b>147.20</b>

### 3.1.3 HT-III Airports, Bus Stations and Railway Stations:

In this category, in view of Covid-19 sales for the FY 2020-21 was decreased by 18% over FY 2019-20 and the estimated sales of FY 2021-22 & FY 2022-23 are presented in table below:

**(In MU)**

<b>HT-III</b>	<b>2020-21</b>	<b>2021-22H1</b>	<b>2021-22H2</b>	<b>2021-22</b>	<b>2022-23</b>
<b>Voltage</b>	<b>Actuals</b>	<b>Actuals</b>	<b>Projections</b>	<b>Projections</b>	<b>Projections</b>
<b>11kV</b>	6.20	3.83	3.40	7.23	7.38

### 3.1.4 HT-IVA Irrigation & Agriculture:

The growth trend in this category has many variations due to variations in the operation of Lift Irrigation pumps based on rainfall, water levels in reservoirs, etc. Hence, at 11kV voltage level, the growth rate of 19% recorded in FY20-21. Hence, 5% nominal growth rate is adopted for estimating the sales in H2 of FY2021-22 and FY 2022-23.

At 33kV voltage level, a negative growth rate of 31% is evidenced in FY20-21 over FY19-20 with a sales decline of 14 MU. While observing the past trend, a very higher growth or lower growth rates in previous years' year to year due to variations in operation of LIS. Hence, a nominal growth rate of 5% is adopted for estimating the sales in H2 of FY2021-22 and 2% growth rate adopted for estimating the sales in FY 2022-23.

At 132kV voltage level, significant reduced sales of 1892 MU in FY20-21 over FY2019-20 of 2601 MU are recorded. Also the sales in H1 of FY21-22 recorded a growth rate of 51% due to Kaleshwaram LIS pumps operated in August-2021. Hence the information of total energy requirement for entire FY2022-23 due to existing and upcoming LIS is obtained from the Irrigation Department and the same is incorporated in the sales projections. Hence growth rate of 20% is adopted at 132KV voltage level estimating the sales in H2 of FY2021-22.

(In MU)					
HT-IVA	2020-21	2021-22H1	2021-22H2	2021-22	2022-23
Voltage	Actuals	Actuals	Projections	Projections	Projections
11kV	33.42	11.19	20.76	31.95	32.59
33kV	32.24	12.27	14.28	26.55	27.08
132kV	1,892.39	1,292.03	1,101.24	2,393.27	8,441.79
<b>Total</b>	<b>1,958.04</b>	<b>1,315.49</b>	<b>1,136.28</b>	<b>2,451.77</b>	<b>8,501.45</b>

he total sales is projected at 8,501 MU and total recorded connected load is at 3,714 MW for FY 2022-23

The details of existing and upcoming LIS in FY2021-22 and total Sales projections at 132KV and above voltage level are as shown below:

Kaleshwaram Lift Irrigation Scheme			
1	Medigadda Pumping Station in combined Karimnagar District	275	374
2	Annaram Pumping Station in combined Karimnagar District	180	293
3	Sundilla Pumping Station in combined Karimnagar District	260	400
4	Medaram Pumping Station (Pkg-06) in combined Karimnagar District	487	1168
5	Ramadugu Pumping Station (Pkg-08) in combined Karimnagar District	529	1891
6	Malakpet Pumping Station (Pkg-09) in combined Karimnagar District	0	0
	Satge-1 pumping station to pump water from midmaneru to malakpet reservoir	29	65
	Satge-2 pumping station to pump water from singa samudrum to battala cheruvu to malakpet reservoir	2	5
7	Ananthagiri Pumping Station (Pkg-10) at Thippapur P.S	204	643

8	Pumping Station at Sarangapur (Pkg-20) in Nizamabad District	43	124
9	Pumping Station at Manchippa (Pkg-21) in Nizamabad District	30	64
10	a) Pumping station (Pkg-22) Lift-1 with in Karimnagar district	43	102
	b) Pumping station (Pkg-22) Lift-2 with in Karimnagar district	1	4
11	a) Pumping station (Pkg-28) Lift-1 with in Karimnagar district	4	10
	b) Pumping station (Pkg-28) Lift-2 with in Karimnagar district	3	7
<b>Total Kaleshwaram Lift Irrigation Scheme</b>		<b>2090</b>	<b>5151</b>
<b>Other than Kaleshwaram Lift Irrigation Scheme</b>			
12	Total of Devadula Lift schemes pumping stations	241	935
13	Total of Yellampally LIS pumping stations	71	155
14	Bhaktha Ramadas Pumping station	10	36
15	Total of Alisagar Lift irrigation scheme	12	41
16	Total of Guthpa Lift irrigation scheme	4	21
17	Total of Chanaka-Korata Lift Irrigation scheme	25	136
18	Kadam pumping station	4	14
19	SRSP FFC Pumping stations	75	161
20	Sita Rama Lift Irrigation in Khammam district	312	606
21	Other Lift Schemes	17	58
	Additional TMC	853	1128
<b>Total Lift Schemes</b>		<b>3714</b>	<b>8442</b>

**HT-IV(B) Composite Public Water Supply Schemes:** At 11kV & 33kV voltage level, significant sales growth is observed in FY19-20 & FY 20-21 due to addition of Mission Bhageeratha loads. higher growth is also observed in the in FY20-21 on account of already released loads by the end of FY19-20. Hence, a growth rate of 5% is adopted for projecting the sales in 11 KV, 33 KV and 132 KV voltages in FY 2021-22 H2 and FY 2022-23.

(In MU)

HT-IVB Voltage	2020-21 Actuals	2021-22H1 Actuals	2021-22H2 Projections	2021-22 Projections	2022-23 Projections
11kV	136.47	69.62	72.85	142.47	149.59
33kV	288.16	162.12	156.95	319.07	335.02
132kV	24.28	13.12	14.43	27.56	28.11
<b>Total</b>	<b>448.91</b>	<b>244.86</b>	<b>244.23</b>	<b>489.09</b>	<b>512.72</b>

### 3.1.5 HT-V Traction:

In view of COVID-19 lockdown, the traction services' load decreased from 154 MW to 123 MW in the month of May-2020 and consumption for the year 2020-21 decreased by 29% with respect to the previous year 2019-20. Hence, the licensee has considered 480 MU for the both years of FY 2021-22 and FY 2022-23.

(In MU)

HT-V	2020-21	2021-22H1	2021-22H2	2021-22	2022-23
Voltage	Actuals	Actuals	Projections	Projections	Projections
132kV	318.49	239.88	240.60	480.48	480.48
<b>Total</b>	<b>318.49</b>	<b>239.88</b>	<b>240.60</b>	<b>480.48</b>	<b>480.48</b>

### 3.1.6 HT-VI Colony Lighting:

In this category, townships of Singareni Collieries consumption contribute about 95% of the total consumption. The projected sales for HT-VI for FY 2021-22 and FY 2022-23 are placed below.

(In MU)

HT-VI	2020-21	2021-22H1	2021-22H2	2021-22	2022-23
Voltage	Actuals	Actuals	Projections	Projections	Projections
11kV	8.78	4.92	3.86	8.79	8.79
33kV	42.57	20.91	17.57	38.48	38.48
132kV	99.25	56.23	43.00	99.23	99.23
<b>Total</b>	<b>150.60</b>	<b>82.07</b>	<b>64.43</b>	<b>146.50</b>	<b>146.50</b>

### 3.1.7 HT- RESCO:

In this category, there is only one bulk supply consumer i.e., Rural Electrical Supply Co-Operative society, Siricilla and the consumption pattern of the RESCO is in line with TSNPDCL's consumption across all LT consumer categories. Sales for FY 2021-22 and FY 2022-23 are to be projected at 1010 MU and 1049 MU respectively.

(In MU)

HT-Resco	2020-21	2021-22H1	2021-22H2	2021-22	2022-23
Voltage	Actuals	Actuals	Projections	Projections	Projections
11kV	938.25	471.36	538.39	1,009.75	1,012.61
<b>Total</b>	<b>938.25</b>	<b>471.36</b>	<b>538.39</b>	<b>1,009.75</b>	<b>1,012.61</b>



### 3.1.8 HT-VII Temporary Supply:

Sales projected for FY 2021-22 and FY 2022-23 under this category are tabulated below:

(In MU)					
HT-VII	2020-21	2021-22H1	2021-22H2	2021-22	2022-23
Voltage	Actuals	Actuals	Projections	Projections	Projections
11kV	23.74	10.25	10.25	20.51	20.92
33kV	13.07	6.84	7.97	14.81	14.81
132kV	70.35	8.56	-	8.56	-
<b>Total</b>	<b>107.16</b>	<b>25.65</b>	<b>18.22</b>	<b>43.87</b>	<b>35.73</b>

### 3.1.9 HT-IX Electric Vehicle Charging Stations:

The EV charging stations are categorized under HT-IX by the Hon'ble commission with effect from 15.11.2018. In FY 2022-23, 10 stations will be commenced during FY 2022-23 which is expected to generate sales of around 5 MU.

### 3.1.10 LT-I Domestic:

Two factors contribute to the Domestic category sales growth namely, releases of new service connections and increase in specific energy consumption. In FY 2020-21, the sales in this category recorded 6.27% growth over its previous year. Further in the 1st half of the current year 2021-22, growth rate in sales of this category are observed to be 4.32% over the 1st half of the FY 2020-21. The 1-year CAGR of 6.27% has been considered on sales of H2 of 2020-21 to arrive at projections for the H2 of 2021-22 and 3 year CAGR 7.44% has been considered on sales of FY 2021-22 for projecting sales for FY 2022-23. The sales for the FY 2021-22 and ensuing year 2022-23 are projected to be 3964 MU and 4259 MU respectively.

(In MU)					
LT-I	2020-21	2021-22H1	2021-22H2	2021-22	2022-23
	Actuals	Actuals	Projections	Projections	Projections
<b>Sales</b>	<b>3,769.43</b>	<b>2,219.57</b>	<b>1,744.57</b>	<b>3,964.14</b>	<b>4,258.99</b>

### 3.1.11 LT-II Non-Domestic /Commercial:

In the year 2020-21, the consumption of this category is observed to decrease by 14% over FY 2019-20 sales which is in view of Lockdown due to Covid-19. In the H1 of current year, the sales of this category was increased by 15.5% over H1 of previous year, which is abnormal growth rate due to impact of Covid. The sales for the FY 2021-22 H2 and ensuing year FY 2022-23 are projected to be 399 MU and 820 MU respectively.

**(In MU)**

LT-II	2020-21	2021-22H1	2021-22H2	2021-22	2022-23
	Actuals	Actuals	Projections	Projections	Projections
<b>Sales</b>	<b>648.98</b>	<b>378.17</b>	<b>399.37</b>	<b>777.54</b>	<b>819.84</b>

### 3.1.12 LT-III Industrial:

In the year 2020-21, the consumption of this category recorded marginal growth rate about 1% over previous year FY 2019-20 sales. Further, in the 1st half of the current year 2021-22 with the growth rate recording a nominal by 3% over the 1st half of the FY 2020-21. The sales for the FY 2021-22 and ensuing year FY 2022-23 are projected to be 246 MU and 251 MU respectively.

**(In MU)**

LT-III	2020-21	2021-22H1	2021-22H2	2021-22	2022-23
	Actuals	Actuals	Projections	Projections	Projections
<b>Sales</b>	<b>246.00</b>	<b>112.28</b>	<b>133.59</b>	<b>245.87</b>	<b>250.79</b>

### 3.1.13 LT-IV Cottage Industries:

This category has very marginal sales per year around i.e 8 MU. The sales for the FY 2021-22 and ensuing year 2022-23 are to be expected 8.19 MU and 8.58 MU respectively.

**(In MU)**

LT-IV	2020-21	2021-22H1	2021-22H2	2021-22	2022-23
	Actuals	Actuals	Projections	Projections	Projections
<b>Sales</b>	<b>7.78</b>	<b>4.21</b>	<b>3.98</b>	<b>8.19</b>	<b>8.58</b>

### 3.1.14 LT-V Agriculture:

The Licensed area of TSNPDCL covers eighteen rural predominant districts. Farmers in these districts are largely dependent on pumping of ground water for their irrigation needs. The demand has been growing consistently over the past years. Typically, two crops are grown in a year and in some areas a third crop is also grown. In spite of our regular appeals every year to the farmers to go for ID crops and complete major farming activities by 15<sup>th</sup> April, farmers are not obliging and they are continuing to raise only paddy in mid-summer also. Paddy is the preferred crop in most of the areas, which requires high-energy demand for irrigation.

There are other practices, which have contributed to increased drawl of energy. One of them being the fact that almost all the farmers get their pump sets locally wound which draw more energy. Also, they tend to replace their old pump sets with higher capacity pump sets, whenever water levels deplete.

**a) Agriculture consumption estimation based on ISI methodology: -**

The Agricultural consumption is being estimated by the licensee as per ISI Methodology approved by the Hon'ble Commission from October 2013 onwards and the same is being furnished to the Hon'ble Commission.

Licensee has fixed 3,168 meters for LV side of the Agricultural DTRs as per the ISI methodology approved by the Hon'ble Electricity Regulatory Commission. The Agricultural consumption is being estimated as per ISI methodology from October 2013 onwards and same is being furnished to the Hon'ble Commission.

**b) Projection of Agriculture category consumption: -**

In the FY 2018-19, NPDCL has extended 24Hrs of power supply to agriculture consumers from 01.01.2018 as per the policy of Govt. of Telangana State. Further, release of additional services of 34,169 Nos agricultural services against the target of 30,741 Nos in FY2018-19 resulted in increase in sales from 6,922 MU to 8,201 MU i.e. 18% growth over FY 2017-18.

It is to submit that the licensee is providing 24hrs power supply to all its agricultural consumers from 1st January 2018 as per the policy unveiled by Govt. of Telangana. After implementing the policy, huge growth in agricultural sales has been witnessed since the last quarter of FY2017-18. The growth rate in Agriculture category has been on higher side since FY2016-17 since apart from load growth rate there has been increase in hours of supply and favourable government policies to encourage agriculture. The same can be observed from the increase in per HP consumption as tabulated below:

Description/Year	Actuals			
	FY2015-16	FY2016-17	FY2017-18	FY2018-19
<b>No. of Agricultural Connections</b>	1,050,182	1,063,148	1,095,709	1,129,773
<b>Increase in No. of Agricultural Connections</b>	40,371	12,966	32,561	34,064
<b>% Increase in No. of Agricultural Connections</b>	4.00%	1.23%	3.06%	3.11%
Total Sales (MU)	4,671.95	5,606.04	6,922.49	8,200.54

<b>% Growth in Sales</b>		19.99%	23.48%	18.46%
<b>Per Connection Consumption (kWh/Pump)</b>	4449	5273	6318	7259

The Hon'ble Commission has been approving the agricultural sales conservatively since FY2016-17 without considering the increase in hours of usage of supply. In FY2017-18, the approved sales were still lower than the sales approved for FY2016-17, implying a significant financial impact on the Discom in view of higher sales recorded for FY2016-17. The Licensees have also filed a review petition in this regard. Further, the impact of 24Hrs power supply w.e.f. 01.01.2018 was not factored in the approved sales for FY2017-18, as the licensee could not project the same in the ARR filings. The table below shows the actual Vs approved sales from FY2015-16 to FY2018-19.

<b>Agriculture Sales (in MU)</b>	<b>FY2015-16</b>	<b>FY2016-17</b>	<b>FY2017-18</b>	<b>FY2018-19</b>
Approved	4340.01	4589.01	4941.01	5989.68
% increase		5.74%	7.67%	21.22%
Actual	4671.95	5606.04	6922.49	8200.54
% increase		19.99%	23.48%	18.46%
Difference Actual Vs Approved	<b>331.94</b>	<b>1017.03</b>	<b>1981.48</b>	<b>2210.86</b>
<b>% Deviation Actual Agl. sales over approved</b>	<b>7.65%</b>	<b>22.16%</b>	<b>40.10%</b>	<b>36.91%</b>

Hence, the Licensee humbly submits that the Hon'ble Commission may consider the above increase in actual consumption due to extension of 24 Hrs power supply, while approving the agriculture sales for FY 2022-23.

In the year 2020-21, there is a growth of around 11% over the previous year of FY 2019-20 in agricultural sales, which was reflected in the production of agriculture yield. As the Telangana government initiated the major Kaleshwaram lift irrigation project where the major catchment area is in TSNPDCL jurisdiction, this project facilitating increase in the availability of irrigation water resulting in increase in cultivation area also and while arriving Agricultural consumption for the FY 2022-23, assumed additional gravity-based irrigation instead of motive power. Based on the above assumptions Licensee estimates the Agl.sales for FY 2022-23 is 7,525 MU.

<b>LT-V</b>	<b>(In MU)</b>					
	<b>2019-20</b>	<b>2020-21</b>	<b>2021-22H1</b>	<b>2021-22H2</b>	<b>2021-22</b>	<b>2022-23</b>
	<b>Actuals</b>	<b>Actuals</b>	<b>Actuals</b>	<b>Projections</b>	<b>Projections</b>	<b>Projections</b>
<b>Sales</b>	7,140.27	7,904.02	2,937.84	4,900.85	7,838.69	7,525.14

TSNPDCL prays to the commission to consider if there is deviation in actual sales vs approved in this category due to difficulties to ascertain the impact of lift irrigation projects on agriculture consumption.

### 3.1.15 LT-VI Public Lighting & PWS Schemes:

In the FY 2020-21, the consumption of this category recorded with a growth rate of 4.71% over previous year sales. The sales for the FY 2021-22 and FY 2022-23 are to be projected 335 MU and 341 MU respectively.

(In MU)					
LT-VI	2020-21	2021-22H1	2021-22H2	2021-22	2022-23
	Actuals	Actuals	Projections	Projections	Projections
Sales	322.31	169.28	165.55	334.83	340.77

### 3.1.16 LT-VII General Purpose:

In this category, the majority of the services are Govt educational institution and student's hostels, which were under lockdown due to COVID-19 in the year FY 2020-21 and H1 of current year FY 2021-22. In view of the above, the sales of this category drastically decreased to 27 MU FY 2020-21 from 60 MU FY 2019-20. In the second half of current year, the educational institutions and others of this category were restored slowly. The sales for the FY 2021-22 and ensuing year 2022-23 are to be projected 50 MU and 53 MU respectively.

(In MU)					
LT-VII	2020-21	2021-22H1	2021-22H2	2021-22	2022-23
	Actuals	Actuals	Projections	Projections	Projections
Sales	27.04	13.98	36.18	50.16	52.67

### 3.1.17 Temporary Supply:

The sales of this category for the FY 2021-22 and ensuing year 2022-23 are expected 4.47 MU and 4.56 MU respectively.

Abstract of category wise sales FY2020-21, FY 2021-22 and FY2022-23 is given below:

(In MU)

Consumer category	2020-21	2021-22	2022-23
	Actuals	Projections	Projections
<b>LT</b>			
Domestic Supply : Cat. I	3,769.43	3,964.14	4,258.99
Non-Domestic Supply : Cat. II	648.98	777.54	819.84
Industrial Supply : Cat. III	246.00	245.87	250.79
Cottage Industries : Cat. IV	7.78	8.19	8.58
Irrigation & Agriculture : Cat. V	7,904.02	7,838.69	7,525.14
Public Lighting : Cat. VI	322.31	334.83	340.77
General Purpose : Cat. VII	27.04	50.16	52.67
Temporary Supply : Category VIII	2.26	4.47	4.56
<b>TOTAL 'LOW TENSION'</b>	<b>12,927.82</b>	<b>13,223.89</b>	<b>13,261.33</b>
<b>HT</b>			
Industry : Cat. I	1,803.95	1,955.30	1,794.43
Others : Cat. II	114.52	141.59	147.20
Airport, Bus & Railway Stations Cat. III	6.20	7.23	7.38
Irrigation & Agriculture : Cat. IV	2,406.95	2,940.86	9,014.17
Railway Traction : Cat. VA	318.49	480.48	480.48
Townships & Colony Lighting Cat. VI	150.60	146.50	146.50
Temporary Supply : Cat. VII	107.16	43.87	35.73
RESCO (Siricilla)	938.25	1,009.75	1,012.61
EV Charging Stations : Cat. IX			4.84
<b>TOTAL 'HIGH TENSION'</b>	<b>5,846.12</b>	<b>6,725.57</b>	<b>12,643.33</b>
<b>TOTAL (LT + HT)</b>	<b>18,773.94</b>	<b>19,949.46</b>	<b>25,904.66</b>

### 3.2 Load Forecast

#### 3.2.1 Discom Losses

The Hon'ble Commission had approved a loss trajectory for the licensee in the Wheeling tariff order for the 4<sup>th</sup> 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	5.33%	4.85%	4.80%
11 kV	3.88%	3.83%	3.80%
33 kV	3.01%	3.52%	3.50%

### 3.2.2 Transco Losses

The Hon'ble Commission had approved Transmission losses in the Transmission tariff order for 4<sup>th</sup> 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	12928	13224	13261
Annual LT Loss %	5.33	4.85%	4.80%
LT Loss (MU)	728	674	669
<b>Energy Requirement at LT (MU)</b>	<b>13656</b>	<b>13898</b>	<b>13930</b>
11 kV Sales (MU)	2015	2264	2331
Annual 11 kV Loss %	3.88	3.83	3.80
11 kV loss (MU)	633	643	642
<b>Energy Requirement at 11 kV level (MU)</b>	<b>16303</b>	<b>16805</b>	<b>16903</b>
33 kV Sales (MU)	611	660	649
Annual 33 kV Loss %	3.01	3.52	3.50
33 kV losses (MU)	525	638	637
<b>Energy Requirement at 33 kV level (MU)</b>	<b>17439</b>	<b>18103</b>	<b>18188</b>
132 kV Sales (MU)	3221	3802	9664
<b>Energy Requirement at 132 kV level (MU)</b>	<b>20660</b>	<b>21905</b>	<b>27852</b>
Cumulative Distribution Losses (MU)	1886	1955	1948
Cumulative Distribution Losses (%) (incl EHT sales)	9.13	8.93	6.99
Cumulative Transmission loss (%)	4.48	4.13	3.70
Cumulative Transmission Losses (MU)	969	943	1070
<b>Total Energy Requirement</b>	<b>21629</b>	<b>22848</b>	<b>28923</b>
Total T & D loss (MU)	2855	2,899	3,018
T & D Loss %	13.20	12.69	10.43
<b>Total Sales</b>	<b>18774</b>	<b>19949</b>	<b>25905</b>
<b>Total Energy Requirement</b>	<b>21629</b>	<b>22848</b>	<b>28923</b>



## 4 POWER PURCHASE 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.

### **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).

### **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.

#### 4.1 Installed Capacity of Generating Stations

##### A. 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)
<b>THERMAL</b>		
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
<b>TOTAL THERMAL</b>	<b>4842.5</b>	<b>4842.5</b>
<b>HYDEL</b>		
<b>Interstate projects:</b>		
Machkund, Orissa	120	45.27
Tunga Bhadra, Karnataka	72	31.04
<b>State projects:</b>		
Srisailem 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

Name of the Station	Project Installed Capacity (MW)	TS Share Capacity (MW)
Lower Jurala	240	240
Pulichintala	120	120
<b>TOTAL HYDEL</b>	<b>2634</b>	<b>2401</b>
<b>TOTAL Thermal and Hydro</b>	<b>7476.5</b>	<b>7243.5</b>

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

\*\* 1<sup>st</sup> unit of YTPS expected to be commissioned on 1<sup>st</sup> 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.

## B. 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

Name of the Station	Capacity	TS Share	
		%	Units
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
<b>TOTAL</b>	<b>18175</b>		<b>4006</b>

\* Expected COD of Telangana STPP Phase I – 1<sup>st</sup> Oct'22 (Unit I), 1<sup>st</sup> 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.

### C. 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
<b>TOTAL</b>	<b>272</b>	<b>9.01</b>	<b>24.51</b>

### D. 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

Type of NCE Project	FY 2020-21 Capacity (MW)	FY 2021-22 Capacity (MW)	FY 2022-23 Capacity (MW)
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
<b>TOTAL</b>	<b>3561</b>	<b>3890</b>	<b>5699</b>

\* 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.

#### **E. 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.

#### **F. 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.

#### **G. 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
<b>TOTAL</b>	<b>1070</b>		<b>839.45</b>

#### H. 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

## 4.2 Energy Availability

### A. TS Genco 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:

<b>TSGENCO thermal (Net Energy Availability – MU) for FY 2020-21, FY 2021-22 and FY 2022-23</b>						
<b>Station Name</b>	<b>FY 2020-21</b>		<b>FY 2021-22</b>		<b>FY 2022-23</b>	
	<b>PLF (%)</b>	<b>Energy* (MU)</b>	<b>PLF (%)</b>	<b>Energy* (MU)</b>	<b>PLF (%)</b>	<b>Energy* (MU)</b>
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
<b>Total</b>		<b>19598</b>		<b>23598</b>		<b>27434</b>

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

### B. Hydel energy – TS Genco 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:

<b>Hydel (Net Energy Availability – MUs) for FY 2020-21, FY 2021-22 and FY 2022-23</b>			
<b>Name of the Station</b>	<b>FY 2020-21 Energy (MU)</b>	<b>FY 2021-22 Energy (MU)</b>	<b>FY 2022-23 Energy (MU)</b>
<b>Interstate projects**:</b>			
Machkund, Orissa	-	-	-
Tunga Bhadra, Karnataka	-	-	-
<b>State projects:</b>			
Srisailem 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
<b>Total</b>	<b>3424</b>	<b>4921</b>	<b>4000</b>

\* 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.

### C. 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:

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

<b>CGS (Net Energy Availability – MUs) for FY 2020-21, FY 2021-22 and FY 2022-23</b>						
<b>Name of the Station</b>	<b>FY 2020-21</b>		<b>FY 2021-22</b>		<b>FY 2022-23</b>	
	<b>PLF (%)</b>	<b>Energy (MU)</b>	<b>PLF (%)</b>	<b>Energy (MU)</b>	<b>PLF (%)</b>	<b>Energy (MU)</b>
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
<b>TOTAL</b>		<b>11964</b>		<b>16445</b>		<b>23152</b>

#### **D. 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.

### **E. 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:

<b>NCES (Net Energy Availability – MUs) for FY 2020-21</b>			
<b>Type of NCES Project</b>	<b>TSSPDCL</b>	<b>TSNPDCL</b>	<b>State</b>
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
<b>Total Availability</b>	<b>4519</b>	<b>2042</b>	<b>6558</b>

<b>NCES (Net Energy Availability – MUs) for FY 2021-22</b>			
<b>Type of NCES Project</b>	<b>TSSPDCL</b>	<b>TSNPDCL</b>	<b>State</b>
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
<b>Total Availability</b>	<b>4642</b>	<b>2056</b>	<b>6698</b>

<b>NCES (Net Energy Availability – MUs) for FY 2022-23 (projected)</b>			
<b>Type of NCES Project</b>	<b>TSSPDCL</b>	<b>TSNPDCL</b>	<b>State</b>
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
<b>Total Availability</b>	<b>6270</b>	<b>2681</b>	<b>8951</b>

### F. 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

<b>(Net Energy Availability – MUs) for FY 2020-21, FY 2021-22 and FY 2022-23</b>						
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
<b>TOTAL</b>		<b>6096</b>		<b>6978</b>		<b>6986</b>

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

### G. 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.

CSERC 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 –

<b>(Net Energy Availability – MUs) for FY 2020-21, FY 2021-22 and FY 2022-23</b>						
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

## H. 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 –

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

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

## I. 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.

## J. 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:

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

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

#### **K. 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.

<b>Generating Station</b>	<b>Net Energy Availability (MU)</b>		
	<b>FY 2020-21</b>	<b>FY 2021-22</b>	<b>FY 2022-23</b>
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	
<b>Total</b>	<b>66753</b>	<b>75386</b>	<b>87288</b>

## 5 EXPENDITURE PROJECTIONS & ARR

### 5.1 Power Purchase Expenditure Projections

#### 5.1.1 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.)
<b>THERMAL</b>			
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
<b>TOTAL THERMAL</b>	<b>3726</b>	<b>4764</b>	<b>5684</b>
<b>HYDEL</b>			
<b>Interstate projects:</b>			
Machkund, Orissa	-	-	-
Tunga Bhadra, Karnataka	-	-	-
<b>State projects:</b>			
Srisailem left bank PH	345	440	425
Nagarjunsagar	266	270	331
Nagarjunsagar left canal			
Nizam Sagar			
Pochampadu	34	34	50
Palair			
Singur			
Mini hydro(Peddapalli)	6	6	10
Pochampad Stage-II	8	8	11

Name of the Station	Fixed Cost (INR Cr.)		
	FY 2020-21 (actuals)	FY 2021-22 (Est.)	FY 2022-23 (Proj.)
Priyadarshini Jurala	57	59	132
Lower Jurala	284	284	265
Pulichintala	81	81	128
<b>TOTAL HYDEL</b>	<b>1081</b>	<b>1181</b>	<b>1352</b>
<b>TOTAL Thermal and Hydro</b>	<b>4808</b>	<b>5945</b>	<b>7036</b>

\*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



## 5.1.2 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
<b>CGS thermal total</b>	<b>1646</b>	<b>1861</b>	<b>2652</b>

### 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 JNNISM Ph 1	4.46	4.62	4.62
NTPC Bundled Power (coal) (200 MW)	3.75	3.95	3.95

### 5.1.3 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 -

<b>PGCIL charges for FY 2020-21, FY 2021-22 and FY 2022-23 (INR Cr.)</b>			
<b>Name of the Station</b>	<b>FY 2020-21 (Actual)</b>	<b>FY 2021-22 (Est.)</b>	<b>FY 2022-23 (Proj.)</b>
<b>Total</b>	1536	1532	1635

#### 5.1.4 APGPCL

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

#### 5.1.5 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.

<b>NCES wt. avg. rate projections for FY 2020-21, FY 2021-22 and FY 2022-23 (TSSPDCL)</b>			
<b>Type of NCES Project</b>	<b>FY 2020-21</b>	<b>FY 2021-22</b>	<b>FY 2022-23</b>
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

<b>NCES wt. avg. rate projections for FY 2020-21, FY 2021-22 and FY 2022-23 (TSNPDCL)</b>			
<b>Type of NCES Project</b>	<b>FY 2020-21</b>	<b>FY 2021-22</b>	<b>FY 2022-23</b>
Bio Mass	7.05	7.14	7.41
Bagasse Cogeneration	3.78	4.71	4.77
Industrial Waste based	6.57	6.81	7.17
Municipal Waste based	-	-	-
Wind	-	-	-
Mini Hydel	2.91	2.98	-
Solar	5.65	5.68	5.69
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.

#### 5.1.6 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 –

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

### 5.1.7 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 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

### 5.1.8 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

### 5.1.9 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.

### 5.1.10 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

### 5.1.11 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.

#### 5.1.12 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

### 5.1.13 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.

### 5.1.14 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 TSNPDCL 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	5772	1103	1451		2554
TSGENCO - Hydel	1008	318			318
Central Generating Stations	3524	484	1033	169	1687
NCES	2041		1155		1155
Thermal Power Tech	1792	422	392		815
CSPDCL	965	262	116		378
Singareni	2025	433	516		949
D-D purchase/ (sale)	2461		846		846
Other Short-term purchase	2642	124	889		1013
Interest on Pension bonds			345		345
Sale of Surplus power	(755)		(119)		(119)
Other Costs				(95)	(95)
<b>Total</b>	<b>21629</b>	<b>3146</b>	<b>6624</b>	<b>74</b>	<b>9846</b>

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	6214	1403	1803	29	3235
TSGENCO - Hydel	1449	348			348



Central Stations	Generating	4487	548	1314		1862
NCES		2055		1156		1156
Thermal Power Tech		2055	433	474	9	916
CSPDCL		1335	360	160		521
Singareni		2658	425	730	1	1155
PTC India		355		152		152
D-D purchase/ (sale)		1509		643		643
Other Short-term purchase		1391		499		499
Interest on Pension bonds			345			345
Other Costs		(660)		(280)		(280)
<b>Total</b>		<b>22848</b>	<b>3873</b>	<b>6641</b>	<b>39</b>	<b>10553</b>

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	8012	1674	2228	12	3914
TSGENCO - Hydel	1095	398			954
Central Generating Stations	5645	781	1578		2359
NCES	2682		1324		1324
Thermal Power Tech	2057	433	475	18	927
CSPDCL	1870	505	224		729
Singareni	1930	417	577	1	995
PTC India	403		172		172
D-D purchase/ (sale)	3,040		1,031		1031
Other Short-term purchase	1103		424		424
Interest on Pension bonds		411			411
Other Costs					
<b>Total</b>	<b>27195</b>	<b>4619</b>	<b>7786</b>	<b>31</b>	<b>12436</b>

## 5.2 Transmission Cost

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	5,454.37	105.19	688.49
2021-22	6,324.33	111.68	847.56
2022-23	6,472.46	129.45	1,005.43

### 5.3 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	5,752.43	2513.70	1899.31	14.56
2021-22	6,622.38	2706.21	1668.69	15.05
2022-23	6,756.51	2824.46	1396.67	13.23

### 5.4 Distribution Cost

The licensee has considered the actual Distribution cost incurred for FY 2020-21 and adopted the Distribution Cost for FY 2021-22 & FY 2022-23 as approved by the Hon TSERC in its tariff Order dated 29th April, 2020 for 4<sup>th</sup> MYT control period (FY 2019-20 to 2023-24). 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:

Details (Rs. Crs)	FY 2020-21	FY 2021-22	FY 2022-23
	Actuals	Estimated	Estimated
Operation and Maintenance Charges	2045.30	2428.86	2739.83
Depreciation	322.62	492.35	568.64
Taxes on Income		31.66	38.58
Special Appropriations	19.85	20.00	20.00
Other Costs			
<b>Total Expenditure</b>	<b>2387.77</b>	<b>2972.87</b>	<b>3367.05</b>
Less: O&M expenses capitalized	45.31	138.66	157.28
<b>Net Expenditure</b>	<b>2342.46</b>	<b>2834.21</b>	<b>3209.77</b>
Add: Return on Capital Employed	251.43	465.16	566.93
<b>Total Distribution ARR</b>	<b>2593.89</b>	<b>3299.37</b>	<b>3776.70</b>
Less: Wheeling Revenue from Third Party/Open Access/NTI (if any)	156.83	160.85	175.46
<b>Revenue Requirement, (Net transferred to Retail Supply Business)</b>	<b>2437.06</b>	<b>3138.52</b>	<b>3601.24</b>

## 5.5 Interest on Consumer Security Deposits

The details showing the actual interest paid on Consumer Security Deposit for FY 2020-21 and projected interest expense for FY 2021-22 & FY 2022-23 is as below

<b>INTEREST ON CONSUMER SECURITY DEPOSIT</b>			
<b>Details (Rs. Cr.)</b>	<b>2020-21</b>	<b>2021-22</b>	<b>2022-23</b>
Opening Balance	1,013.78	1,073.63	1,143.01
Additions during the Year	59.85	69.39	23.83
Closing Balance	1,073.63	1,143.01	1,166.85
Average Balance	1,043.70	1,108.32	1,154.93
Interest @ % p.a.	4.09%	4.25%	4.25%
<b>Interest Cost</b>	<b>42.66</b>	<b>47.10</b>	<b>49.08</b>

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.

## 5.6 Supply Margin in Retail Supply Business

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.

<b>Description</b>	<b>2020-21</b>	<b>2021-22</b>	<b>2022-23</b>
Supply Margin (Rs. in crore)	14.74	21.36	26.04

## 5.7 Other Cost

The licensee has not proposed any cost under this head of other cost for the FY 2022-23.

### 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

### 5.8 Aggregate Revenue Requirement for Retail Supply Business

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

Details (Rs. Cr.)	2021-22	2022-23
	Estimated	Estimated
Transmission Cost	847.56	1,005.43
SLDC Cost	15.05	13.23
Distribution Cost	3,138.52	3,601.25
PGCIL & ULDC charges (Rs. Cr.)	451.10	484.45
<b>Network and SLDC Cost</b>	<b>4,452.23</b>	<b>5,104.37</b>
Power Purchase / Procurement Cost (Net)	10,553.06	13,003.88
Interest on Consumer Security Deposits	47.30	49.48
Supply Margin in Retail Supply Business	21.36	26.04
Other Costs, if any	-	
<b>Supply Related Cost</b>	<b>10,621.72</b>	<b>13,079.39</b>
<b>Aggregate Revenue Requirement</b>	<b>15,073.95</b>	<b>18,183.76</b>

## 6 REVENUE PROJECTIONS & REVENUE GAP AT CURRENT TARIFFS

### 6.1 Actual Revenue for FY 2020-21 and Revenue projections at current tariffs for FY 2021-22 and FY 2022-23

The gross revenue at current tariffs with the actual sales for FY2020-21 and projected sales for FY2021-22 & FY2022-23 are as shown below:

(Rs.in Crs)

Particulars	FY 2020-21	FY 2021-22	FY 2022-23
	Actuals	Estimated	Estimated
<b>LT</b>			
LT-I Domestic	1470.98	1526.64	1632.51
LT-I Non - Domestic	664.61	782.17	822.53
LT-III Industry	222.16	195.66	199.23
LT-IV Cottage Industries and Dobighats	3.83	3.94	4.12
LT-V Agriculture	43.04	45.05	47.34
LT-VI Street lighting and PWS	197.74	198.29	201.62
LT-VII General Purpose	25.93	38.08	39.86
LT-VIII Temporary Supply	17.22	5.05	5.16
<b>Total LT</b>	<b>2645.51</b>	<b>2794.89</b>	<b>2952.38</b>
<b>HT</b>			
HT-I Industry	1375.43	1453.41	1311.32
HT-II Others	128.57	163.23	158.80
HT-III Airports, Bus & Railway Stations	5.84	6.75	6.60
HT-IV Agriculture and Irrigation & CPWS	1828.15	1895.52	5416.40
HT-VA Railway Traction	191.36	252.30	252.30
HT-VI Townships and Residential Colonies	98.74	95.96	95.96
HT-VII Temporary Supply	154.33	56.32	48.39
HT-11kv RESCO (Siricilla)	425.51	456.41	457.70
HT-IX Electric Vehicle Charging Stations			2.91
<b>Total HT</b>	<b>4207.93</b>	<b>4379.90</b>	<b>7750.37</b>
<b>Grand Total</b>	<b>6853.44</b>	<b>7174.79</b>	<b>10702.75</b>

Revenue from sale of power with current tariffs arrived at Rs.7,175 Crs. and Rs.10,703 Crs for FY2021-22 and FY 2022-23 respectively.

## 6.2 Non-Tariff Income

The Non-Tariff Income for Retail Supply Business for FY 2021-22 and FY 2022-23 is Rs.28.83 Crs and Rs. 29.41 Crs respectively. The Non-Tariff income for retail supply business FY 2021-22 and FY 2022-23 has been estimated based on past trend considered 2% over FY 2020-21 same is presented in table below:

<b>Non-Tariff Income</b>	<b>FY2020-21</b>	<b>FY 2021-22</b>	<b>FY 2022-23</b>
Recoveries from theft of power or malpractices	7.29	-	-
Power Purchase Rebates earned	0.06	-	-
Miscellaneous / Other Income	13.05	13.31	13.58
Reconnection Fee LT & HT	4.81	4.91	5.01
Application Registration Fee	0.09	0.09	0.09
Supervision Charges from customers	0.38	0.38	0.39
Capacitor Charges	9.86	10.06	10.26
Meter or Transformer Testing / Shifting Charges	0.07	0.07	0.08
<b>Total Non-Tariff Income</b>	<b>35.62</b>	<b>28.83</b>	<b>29.41</b>

As per the licensee's annual accounts for the FY 2020-21 actuals the details of total Non-Tariff Income out of which that has to be treated as Non-Tariff Income for Retail Supply Business are placed hereunder for ready reference

Non-Tariff Income	2020-21 (Actuals)	To be treated as NTI for RSB	
		2021-22 (Estimated)	2022-23 (Estimated)
<b>Distribution Related Non-Tariff Income</b>			
Deferred Revenue Income	93.54	<b>These are the Distribution related NTI and concedered in the Distribution Business ARR</b>	
Interest on Staff Loans and Advances	0.82		
Income from Investments	11.52		
Interest on Advances to Suppliers/Contractors	0.00		
Security deposits / Bank Guarantee forfeited	0.23		
Fines/Penalties from Suppliers/Mat Cust.	3.34		
Other Miscellaneous Income	47.38		
<b>Total Ditrubion Related Non-Tariff Income</b>	<b>156.83</b>		
<b>Retail Supply Related Non-Tariff Income</b>			
Customer Charges	242.92	<b>It was treated as a Tariff Income</b>	
Delayed Payment Charges	307.11	<b>As per Regulatory Accounts, it was excluded from NTI</b>	
Power Purchase Rebates earned	0.06		
Recoveries from theft of power or malpractices	7.29		
Reconnection Fee LT	4.37	4.46	4.55
Reconnection Fee HT	0.44	0.45	0.46

Application Registration Fee	0.09	0.09	0.09
Supervision Charges from customers	0.38	0.38	0.39
Capacitor Charges	9.86	10.06	10.26
Transformer Testing Charges	0.00	0.00	0.00
Meter Testing / Shifting Charges	0.07	0.07	0.07
Other Miscellaneous Income	13.05	13.31	13.58
<b>Total Retail Supply Related Non-Tariff Income</b>	<b>35.62</b>	<b>28.83</b>	<b>29.41</b>
<b>Total Non-Tariff Income</b>	<b>35.62</b>	<b>28.83</b>	<b>29.41</b>

### 6.3 Revenue Gap

The Revenue Gap with actual ARR for projected ARR for FY2021-22 and FY 2022-23 is as shown below:

Details	FY 2021-22	FY 2022-23
	Projected	Projected
Aggregate Revenue Requirement (Rs. Crs.)	15073.75	18183.36
Revenue from Current Tariffs (Rs. Crs.)	7174.79	10702.75
Non - Tariff Income (Rs. Crs.)	28.83	29.41
<b>Revenue Deficit(-) / Surplus (+)at Current Tariffs (Rs. Crs.)</b>	<b>-7870.13</b>	<b>-7451.20</b>
Tariff subsidy from GoTS	4254.15	4254.15
<b>Net Revenue gap – Deficit(-)/Surplus(+)</b>	<b>-3615.98</b>	<b>-3197.06</b>

Projected ARR and Revenue Gap for FY 2022-23	
Details (Rs. Cr.)	2022-23
	Projected
Transmission Cost	1,005.43
SLDC Cost	13.23
Distribution Cost	3,601.25
PGCIL & ULDC charges (Rs. Cr.)	484.45
<b>Network and SLDC Cost</b>	<b>5,104.37</b>
Power Purchase / Procurement Cost (Net)	13,003.88
Interest on Consumer Security Deposits	49.08
Supply Margin in Retail Supply Business	26.04
<b>Supply Related Cost</b>	<b>13,079.00</b>
<b>Aggregate Revenue Requirement</b>	<b>18,183.37</b>
Revenue from Sale of Power including NTI	10,732.16
Subsidy from GoTS	4,254.15
<b>Net Revenue gap – Deficit(-)/Surplus(+)</b>	<b>(3,197.06)</b>

## 7 COST OF SERVICE

This section presents the cost of service for various consumer categories of the Northern Power Distribution Company Limited (TSNPDCL), 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 TSNPDCL at the retail level.

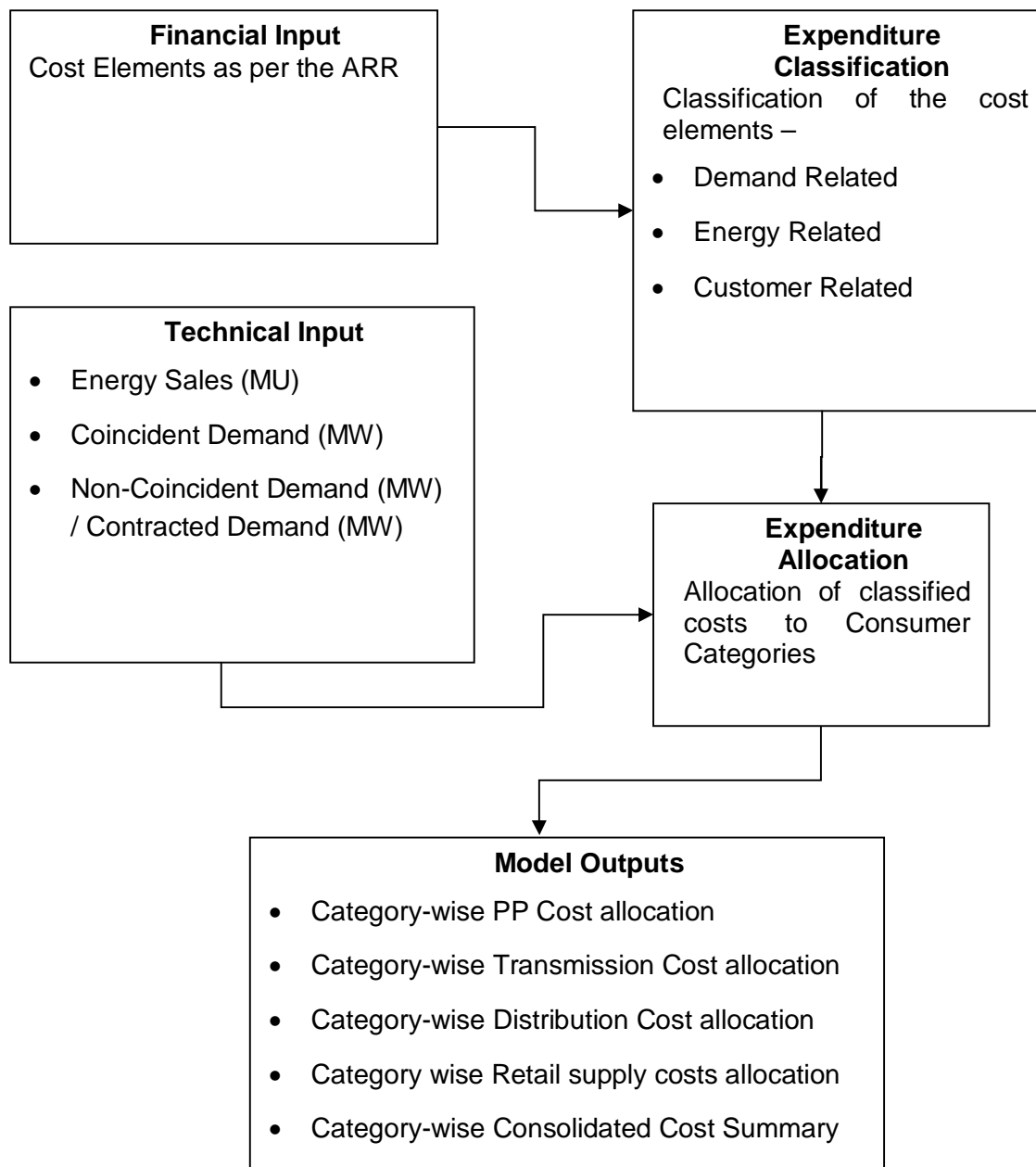
### 7.1 Cost of Service Model

The cost of service calculations are based on the cost of service model developed for TSNPDCL. The model, as currently used, calculates the cost of serving all customers categories of TSNPDCL.

All financial input into the model is as per the ARR for the year 2022-23, including revenue, and expenditure data.

The following section gives a brief overview of the Cost of Service model developed for TSNPDCL





Switch Selection Sheet: This forms the base for the income and expenses data for the TSNPDCL. 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.

NPDCL\_Inp\_category and NPDCL\_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.

TSNPDCL 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 TSNPDCL 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.

The major HT customer categories in the TSNPDCL 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

The LT (400 volts) customer categories in the TSNPDCL 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

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 (%)
<b>Low Tension</b>		
Domestic	86%	90%
Commercial	100%	100%
Industry	100%	100%
Cottage Industry	62%	58%
Agriculture	79%	100%
Street Lighting & PWS	50%	41%
Others	50%	41%
<b>High Tension (11kV)</b>		
Industry	100%	100%
Ferro Alloys	0%	0%
Others	87%	86%
Railway Stations, Bus Stations & Airports	79%	72%
Irrigation, Agriculture & CPWS	86%	99%
Townships & Residential Colonies	84%	93%
Temporary & EV Charging Stations	86%	90%
RESCO	79%	78%
<b>High Tension (33kV)</b>		
Industry	92%	98%
Ferro Alloys	93%	96%
Others	90%	96%
Railway Stations, Bus Stations & Airports	0%	0%
Irrigation, Agriculture & CPWS	93%	98%
Townships & Residential Colonies	82%	90%
Temporary	77%	94%
<b>High Tension (132kV)</b>		
Industry	92%	92%
Ferro Alloys	0%	0%
Others	90%	92%
Railway Stations, Bus Stations & Airports	0%	0%
Irrigation, Agriculture & CPWS	97%	98%
Traction	94%	98%
HMR (HT VB)	0%	0%
Townships & Residential Colonies	100%	100%

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 TSNPDCL used in that derivation:

TSNPDCL	Energy (MU)	Coincident Demand (MW)
Sales	25,905	3,083
Loss as % of input	6.99%	9.83%
Losses	1,948	336
<b>Sub Total</b>	<b>27,852</b>	<b>3,419</b>

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 TSNPDCL. The system peak demand of TSNPDCL is occurring during 09:00 hrs.

Expenditure Functionalization: The new model is developed keeping in view the unbundled nature of the power sector in state hence the expenditure pertaining to TSNPDCL 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

#### 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

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.

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.

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

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.

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

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.

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.

## 7.2 CoS Results

The following tabulation summarizes the results of the process:

- TSNPDCL handled 27,852 MU excluding transmission losses, which consist of sale of 25,905 MU to its customers and losses of 1,948 MU.
- Coincident Peak demand required by TSNPDCL is 3,419 MW, which consist of 3,083 MW to serve the customers, and 336 MW of losses in the system.
- The average unit cost of supplying the customers of TSNPDCL is estimated at Rs 7.02/kWh.

- The Licensee has estimated the CoS of new category CPWS by assuming the load curve on provisional basis.

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 )
<b>LT</b>			
Domestic	3,801	4,259	8.92
Commercial	675	820	8.23
Industry	197	251	7.85
Cottage Industry	9	9	10.29
Agriculture	6,745	7,525	8.96
Street Lighting & PWS	344	341	10.09
Others	56	57	9.77
<b>Total LT</b>	<b>11,826</b>	<b>13,261</b>	<b>8.92</b>
<b>HT 11 kV</b>			
Industry	565	961	5.88
Ferro Alloys	-	-	-
Others	83	133	6.25
Railway Stations, Bus Stations & Airports	4	7	5.75
Irrigation, Agriculture & CPWS	114	182	6.23
Townships & Residential Colonies	5	9	6.12
Temporary & EV Charging Stations	16	26	6.28
RESCO	468	1,013	4.62
<b>Total HT 11 kV</b>	<b>1,256</b>	<b>2,331</b>	<b>5.39</b>
<b>HT (33kV)</b>			
Industry	85	159	5.37
Ferro Alloys	32	64	5.03
Others	6	10	5.79
Railway Stations, Bus Stations & Airports	-	-	-
Irrigation, Agriculture & CPWS	191	362	5.28
Townships & Residential Colonies	21	38	5.36
Temporary	9	15	5.76
<b>Total HT 33 kV</b>	<b>344</b>	<b>649</b>	<b>5.30</b>
<b>EHT(132 kV)</b>			
Industry	303	611	4.96
Ferro Alloys	-	-	-
Others	4	3	10.46
Railway Stations, Bus Stations & Airports	-	-	-
Irrigation, Agriculture & CPWS	4,163	8,470	4.91
Traction	240	480	5.00
HMR (HT VB)	-	-	-
Townships and Residential colonies	49	99	4.91
<b>Total 132 kV</b>	<b>4,758</b>	<b>9,664</b>	<b>4.92</b>
<b>Total HT</b>	<b>6,357</b>	<b>12,643</b>	<b>5.03</b>
<b>Total LT</b>	<b>11,826</b>	<b>13,261</b>	<b>8.92</b>
<b>Total</b>	<b>18,183</b>	<b>25,905</b>	<b>7.02</b>

**APPENDIX-A**  
**STATUS ON IMPLEMENTATION**  
**OF DIRECTIVES**

## COMMISSION'S DIRECTIVES

### A. EARLIER DIRECTIVES

Directive No.	Directive Description	Compliance Report
8.1	<p><b>IMPORTED COAL</b></p> <p>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 GoI, before admitting the Station wise power purchase bills.</p>	<p>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.</p>
8.2	<p><b>QUALITY OF DOMESTIC COAL</b></p> <p>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.</p> <p>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 &amp; 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.</p> <p>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><b>TRANSPORTATION OF FAILED TRANSFORMERS</b></p> <p>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</p>	<p>The transportation of failed transformers is being done by DISCOMs vehicles i.e., sub-division level vehicles are arranged. In remote areas where feasibility of transportation is not made tractors are being arranged. 144Nos. Departmental Vehicles are allotted for transportation of failed transformers.</p>



Directive No.	Directive Description	Compliance Report
	<p>private vehicle for this purpose only. For hiring the vehicles (the tractor trailers are available in villages) where ever necessary, the schedule of rates either on kilometer 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 report on the same for FY 2021-22 (Up to Sep-21) is enclosed in <b>Annexure-I.</b></p>
<p><b>8.4</b></p>	<p><b>SEGREGATION OF LOADS IN AIRPORT</b></p> <ol style="list-style-type: none"> <li>1. 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 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.</li> <li>2. The electricity consumed by the billboards outside the airport should be billed separately.</li> </ol>	<p>Not pertains to TSNPDCL</p>

## B. CURRENT YEAR DIRECTIVES

Directive No.	Directive Description	Compliance Report
8.5	<p><b>SUBMISSION OF TARIFF PROPOSALS</b> The DISCOMs are directed to submit the ARR and Tariff proposals on time i.e., by 30<sup>th</sup> November of current year in order to make the Tariff Order effective from 1<sup>st</sup> April of the next year.</p>	Will be complied.
8.6	<p><b>AUTOMATIC STARTERS FOR AGRICULTURAL CONSUMPTION</b> 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>	<p>TSNPDCL has taken up initiatives on educating the Agriculture farmers for removal of Auto starters voluntarily by giving wide publicity in print &amp; electronic media, addressing the public gatherings, distributing the pamphlets etc. Many Farmers have removed auto starters voluntarily. TSNPDCL has identified and removed 16425 Nos. of Auto Starters Up to Sep-2021</p>
8.7	<p><b>METERING OF ELECTRICITY CONSUMPTION BY POLY-HOUSES AND GREEN HOUSES</b> 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>	<p>Metering is available for existing Poly houses/Greenhouses and are billed under LT-V Category as per the RST Order for FY2017-18.The Consumption recorded for 15 Nos. poly house services with connected load of 78 HP in FY 2021-22(Upto Sep-21) is 80333 Units.</p>

Directive No.	Directive Description	Compliance Report
8.8	<p><b>FURNISHING OF SUBSIDY AMOUNT BORNE BY THE STATE GOVERNMENT IN CONSUMER BILLS</b></p> <p>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 respective consumer.</p>	<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.</p> <p>The Sample bill depicting subsidy amount is enclosed as <b>Annexure-II</b>.</p>
8.9	<p><b>PROCUREMENT OF SHORT-TERM POWER</b></p> <p>Procurement of power to meet demand on short-term basis shall always be on competitive bidding.</p>	<p>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.</p>
8.10	<p><b>STANDBY CHARGES FOR OPEN ACCESS</b></p> <p>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.</p>	<p>TSNPDCL is now filing the proposals for determining the parallel operation charges for captive plants along with these filings.</p>
8.11	<p><b>POOR DISTRIBUTION INFRASTRUCTURE</b></p> <p>1. 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</p>	<p>TSNPDCL has taken up Pattana pragathi and Palle pragathi programs and Division level villages are identified and works are carried out to provide protective measures for the distribution infrastructure. The report on the same submitted to Hon'ble Commission vide Lr.No.CGM/IPC&amp;RAC/TSNPDCL/WGL/F.TSERC-Directive/D.No.219/20, Dt:31.12.2020.</p>

Directive No.	Directive Description	Compliance Report
	<p>progress of the proposed measures on half yearly basis.</p> <p>2. 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.</p>	<p>Steps have been taken to improve the distribution infrastructure by implementing DNRD Scheme , Adopted Villages , Pattana pragathi and Palle pragathi programs to avoid accidents. Observations have shown that cause of electrical accidents is mainly due to ignorance, negligence and unawareness among the rural people. TSNPDCL is striving hard to reduce electrical accidents by conducting Safety week , awareness programs every month by educating people and giving wide publicity, providing sign boards at main centers in every village and distributing pamphlets describing the precautions to be taken to avoid electrical accidents.</p> <p>The cause wise analysis of accidents occurred during FY 2021-22( Upto Sep-21) is enclosed in <b>Annexure-III</b>.</p>
8.12	<p><b>RELEASE OF EX-GRATIA IN CASES OF ELECTRICAL ACCIDENTS</b></p> <p>Several stakeholders have expressed concerns that the ex-gratia for affected parties due to electrical accidents is not 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>TSNPDCL is strictly following the directions given by the TSERC and payment of ex-gratia is made promptly to the legal heirs of victims.</p> <p>The table indicating the number of sanctions and Ex-gratia amount paid to the victim family in FY 2021-22( Up to Sep-21) is enclosed in <b>Annexure-IV</b>.</p>

Directive No.	Directive Description	Compliance Report
8.13	<p><b>SUBMISSION OF DULY FILLED MIS FORMS</b></p> <p>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>	<p>As per the Commission's Directives, the MIS Formats are submitted regularly as per their periodicity.</p> <p>TSNPDCL furnished the information up to Sep-2021 of FY 2021-22 vide reference Lr.No.CGM/IPC&amp;RAC/TSNPDCL/WGL/F.TSERC-MIS/D.No.265/21,Dt:24.11.2021.</p>
8.14	<p><b>PARTICIPATION IN UDAY SCHEME</b></p> <p>1. 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&amp;C loss and ACS-ARR gap by September 30, 2018.</p> <p>2. The DISCOMs shall endeavour to reduce the AT&amp;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&amp;C loss reports (division / circle wise).</p> <p>3. The DISCOMs are directed to submit a quarterly progress report on operational milestones specified in DDUGJY &amp; IPDS.</p>	<p>Copies of the action plan for achieving target / objectives stipulated under UDAY MoU submitted to the Hon'ble Commission vide Lr.No.CGM/IPC&amp;RAC/TSNPDCL/RAC/F.Directives/D.N.o.147/19, Dt:19.11.2019.Further Detailed report of Action plan for reducing AT&amp;C losses under UDAY MoU submitted to Ministry of Power Govt. of India vide Lr.No.CMD/CS/TSNPDCL/REC-MTL/D.No.589/19, Dt:21.11.2019 is enclosed.</p> <p>AT&amp;C loss Quarterly reports submitted vide Lr.No.CGM/IPC&amp;RAC/TSNPDCL/WGL/F.TSERC-Directive/D.No.219/20,Dt:31.12.2020</p> <p>IPDS and DDUGJY schemes were closed by 31.03.2019 and 31.03.2020</p>

Directive No.	Directive Description	Compliance Report
	4. 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.	<ol style="list-style-type: none"> <li>1. TSNPDCL achieved 100% feeder metering at 33KV and 11KV level. The report on the same is enclosed in <b>Annexure-V</b></li> <li>2. Defective meters are being identified and replaced regularly.</li> <li>3. As 24hrs Power Supply is given to agriculture there is no necessity for segregation of Agricultural feeders.</li> </ol>
	5. 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.	<ol style="list-style-type: none"> <li>1. 11KV level feeders energy audit is being done for all types of newly charged 11KV feeders in rural areas.</li> <li>2. The feeder wise abstract for which Energy Audit being done in FY 2021-22(Up to Sep-21) is enclosed in <b>Annexure-VI</b>.</li> </ol>
	6. 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.	As this scheme involves requirement of capital expenditure the TSNPDCL is yet to initiate the scheme; However, TSNPDCL is insisting on installing of BEE,5-Star rated pumps for all new connections.

**C. OTHER DIRECTIVES**

Directive No.	Directive Description	Compliance Report
	<p><b>SERVICE CHARGES FOR BILL PAYMENT IN E-SEVA CENTER (pg 41 of RST for FY18-19)</b>                      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-seva centre 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>Reminder letter is addressed to Director , MEE Seva ,ESD vide Lr.No.CMD/DIR(Fin.)/CGM(Fin.)/GM(Rev.)SAO(Rev.)/AAO(Rev.)/D.No:564 /18, Dt:22/10/2019 for reducing the transaction charges .</p>

**ANNEXURE – I**

<b>SNO</b>	<b>Circle</b>	<b>No. of DTRs Failed in FY2021-22 upto Sep-21</b>	<b>No. of DTRs Failed in FY2021-22 upto Sep-21 ≤ 25KVA</b>	<b>No. of DTRs transported by Department vehicle in FY2021-22 upto Sep-21</b>
1	HANUMAKONDA	703	346	49
2	WARANGAL	962	587	55
3	JANGAON	1154	578	29
4	MAHBUBABAD	1103	641	73
5	BHUPALPALLY	1204	839	218
6	KHAMMAM	1465	849	500
7	BHADRADRI KOTHAGUDEM	695	481	461
8	KARIMNAGAR	1335	730	347
9	JAGITIAL	1376	768	451
10	PEDDAPALLY	933	673	58
11	NIZAMABAD	2077	1082	367
12	KAMAREDDY	1605	929	82
13	ADILABAD	445	317	374
14	KOMARAMBHEEM	293	192	221
15	MANCHERIAL	603	491	310
16	NIRMAL	1348	841	606
<b>TOTAL</b>		<b>17301</b>	<b>10344</b>	<b>4201</b>



**ANNEXURE - II**

**TSNPDCL**

IrDA Ver-P.63 BNo:1768  
 Machine ID:SBP19040065  
 ERO :2136 SEC:94  
 GRP :M Cycle:M2  
 DATE:16/11/2019 13:01  
 Area:BAPUJINAGAR

**SCNO:22 06 89674**

USC No:15766259  
 NAME:U.Samba Murthy  
 ADDR:1-6-219 MARKENDEYA  
 BAPUJINAGAR  
 Cat:1-1.1 LD:1.000KW  
 STR Code: 402121440201  
 Pole No.: BNK-9/6

READING	MONTH	STS
Ps	6863 16/11/2019	01
Pv	6810 16/10/2019	01

KWH UNITS: 53  
 UNITS:53 DAYS: 31  
 MNo:01042686 CAP:5  
 Mfr: MF:1.00  
 TC Seal:

ENERGYCHARGES:	80.30
CUST CHARGES :	30.00
ED :	3.18
ED INT :	0.00
ADDL CHARGES :	0.00
ADJUSTMENT :	-0.00
ROUNDING :	-0.48
<b>TOTAL AMOUNT :</b>	<b>113.00</b>
AS ON 01-04-19:	0.00
AFTER 01-04-19:	0.00
<b>NET AMOUNT :</b>	<b>113.00</b>
ACD DUE :	0.00

**AGL SERVICES DUES**

:	0.00
:	0.00

LAST PAID :24/10/2019  
 LAST PAID AMT: 140.00  
 DUE DATE :30/11/2019  
 DISC DATE :15/12/2019  
 Subsidy/Unit: 6.46

For AAO ERO/KAZIPET  
**TOLL FREE:1912/18004250028**  
 www.tsnpdcl.in

**ANNEXURE-III**

<b>Sl. No.</b>	<b>Cause of Accident</b>	<b>No. of Accidents</b>
1	Victim came into contact with Live Conductor (with or without any object)	50
2	Insulation failure to I/C Service Wire or Domestic Services / Faulty House Wiring / Appliances	91
3	Repairing AGL or other Motor / Starter / Service Wire	26
4	Low Height of DTR plinth (Touching HT Bushes or LT Bushes or Fuses)	3
5	Supply passing to Stay Wire / Iron Pole / DP Structure	5
6	Touched the Electric Fencing provided for Animal hanging / Animal guarding	13
7	Touched the Sagged / Snapped / fallen Conductor due to Gale & Wind	5
8	Touching the Lose Lines / Low Ground Clearance	2
9	Touching the Snapped and fallen Conductor	2
10	While replacing HG fuses or LT Fuses of DTR / PTR or touching the Fuse Box @ DTR	5
11	While working on existing line for maintenance / construction of new lines	7
12	Transformer oil related or working on DTR/PTR	1
13	Electrocuted while drinking/moving in water of canals/ponds/lakes/river where supply is extended through damaged service wires/motor (Authorised service)	4
14	Electrocuted while drinking/moving in water of canals/ponds/lakes/river where supply is extended through damaged service wires/motor (Unauthorised service)	1
15	Electrocuted while fishing duly extending supply from nearby lines	7
<b>Total</b>		<b>222</b>

}

167\*

\* Almost 75% of accidents occurred due to consumer faults only.

ANNEXURE – IV

SNO	CIRCLE	DURING FY 2021-22 upto Sep-21						
		NO. OF ACCIDENTS			EXGRATIA PAID			
		FATAL ACCIDENTS		NON-FATAL ACCIDENTS	FATAL ACCIDENTS			
		HUMAN BEINGS	ANIMALS		HUMAN BEINGS	AMOUNT	ANIMALS	AMOUNT
1	HANUMAKONDA	21	35	3	2	10.00	24	12.87
2	WARANGAL	10	24	0	3	15.00	17	7.60
3	JANGAON	12	19	3	7	35.00	11	4.40
4	MAHBUBABAD	27	83	0	14	72.00	29	14.07
5	BHUPALPALLY	17	32	0	12	65.00	25	12.00
6	KHAMMAM	21	122	1	5	25.00	44	25.20
7	BHADRADRI KOTHAGUDEM	15	54	4	5	25.00	25	16.40
8	KARIMNAGAR	9	6	2	8	40.00	1	0.40
9	JAGITIAL	12	46	2	8	40.00	10	3.34
10	PEDDAPALLY	7	37	0	6	30.00	18	7.20
11	NIZAMABAD	18	57	0	7	34.00	23	9.20
12	KAMAREDDY	11	24	1	16	80.00	16	5.08
13	ADILABAD	10	37	5	9	45.00	6	2.07
14	NIRMAL	6	54	0	10	50.00	12	4.40
15	MANCHERIAL	17	55	0	9	45.00	50	19.34
16	KOMARAMBHEEM	9	20	0	2	15.00	3	0.87
<b>TOTAL</b>		<b>222</b>	<b>705</b>	<b>21</b>	<b>123</b>	<b>626</b>	<b>314</b>	<b>144.44</b>

## ANNEXURE -V

SNO	CIRCLE	No of DTRs			No of Feeders		
		Existing	Metered	Unmetered	Existing	Metered	Unmetered
1	HANUMAKONDA	13274	9870	3404	323	323	0
2	WARANGAL	16727	2766	13961	336	336	0
3	JANGAON	16172	6328	9844	365	365	0
4	BHUPALPALLY	17027	4955	12072	332	332	0
5	MAHBUBABAD	17148	3561	13587	314	314	0
6	KARIMNAGAR	25333	11889	13444	431	431	0
7	JAGTIAL	22995	7976	15019	520	520	0
8	PEDDAPALLY	17001	4726	12275	301	301	0
9	KHAMMAM	28660	8367	20293	511	511	0
10	BHADRADRI KOTHAGUDEM	16546	5928	10618	286	286	0
11	NIZAMABAD	42363	9705	32658	964	964	0
12	KAMAREDDY	30306	14460	15846	538	538	0
13	ADILABAD	9062	3373	5689	204	204	0
14	ASIFABAD	5467	2264	3203	141	141	0
15	MANCHERIAL	13962	4682	9280	228	228	0
16	NIRMAL	17075	5061	12014	320	320	0
<b>Total</b>		<b>309118</b>	<b>105911</b>	<b>203207</b>	<b>6114</b>	<b>6114</b>	<b>0</b>

**ANNEXURE- VI**

SL NO	CIRCLE	AGL DEDICATED	INDL	LIFT IRRIGATION	MHQs	MIXED RURAL	TOWN	PWS	WATER GRID	SS HQ	Total
1	HANUMAKONDA	21	29	0	17	115	76	1	1	28	<b>288</b>
2	WARANGAL	12	30	4	12	227	61	2	3	20	<b>371</b>
3	JANGAON	29	7	2	13	221	17	2	1	43	<b>335</b>
4	BHUPALPALLY	6	24	11	17	241	6	2	5	23	<b>335</b>
5	MAHBUBABAD	13	27	5	16	206	10	1	1	30	<b>309</b>
6	KARIMNAGAR	29	40	2	10	251	63	6	1	31	<b>433</b>
7	JAGTIAL	51	32	8	14	321	38	6	0	52	<b>522</b>
8	PEDDAPALLY	17	29	3	10	190	31	2	0	17	<b>299</b>
9	KHAMMAM	39	31	17	20	285	61	17	1	43	<b>514</b>
10	BHADRADRI KOTHAGUDEM	19	9	11	17	163	40	7	4	26	<b>296</b>
11	NIZAMABAD	260	22	32	23	458	72	15	6	128	<b>1016</b>
12	KAMAREDDY	48	27	2	22	322	28	10	4	48	<b>511</b>
13	ADILABAD	13	10	5	14	116	27	4	2	11	<b>202</b>
14	ASIFABAD	1	8	4	13	89	8	4	0	12	<b>139</b>
15	MANCHERIAL	2	15	9	12	143	24	5	0	12	<b>222</b>
16	NIRMAL	25	9	14	13	197	23	6	0	35	<b>322</b>
<b>Total</b>		<b>585</b>	<b>349</b>	<b>129</b>	<b>243</b>	<b>3545</b>	<b>585</b>	<b>90</b>	<b>29</b>	<b>559</b>	<b>6114</b>

## CROSS SUBSIDY SURCHARGE AND ADDITIONAL SURCHARGE DIRECTIVES

Directive No.	Directive Description	Compliance Report
5.1.1	<p><b>REDUCTION OF CROSS SUBSIDY SURCHARGE</b></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 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.</p>	Will be complied.
5.1.2	<p><b>TARIFF SIMPLIFICATION AND RATIONALIZATION</b></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</p>	Will be complied in due course of time.

Directive No.	Directive Description	Compliance Report
	rationalization, submitted in the instant proceedings.	
5.2	<p><b>DETERMINATION OF STRANDED POWER</b></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>	<p>The Hon'ble Commission has issued Order in the matter of mechanism for determination of stranded capacity and framing the terms &amp; conditions for levy of Additional Surcharge on open access users to meet the fixed cost of the distribution licensee arising out of its obligation of supply on 18.9.2020 in O.P.No. 23 of 2020.</p>
5.3	<p><b>FRAMING OF TERMS AND CONDITIONS OF ADDITIONAL SURCHARGE</b></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>	

**APPENDIX-B**  
**PERFORMANCE PARAMETERS**



**COMPENSATION AWARDED UNDER SOP REGULATIONS FOR THE YEAR FY 2020-21**

FIGURES IN RUPEES

SERVICE AREA	COMPENSATION AWARDED															
	WARANGAL URBAN	WARANGAL RURAL	JANGAON	MAHBUBABAD	BHUPALPALLY	KHAMMAM	BHADRADRI KOTHAGUDEM	KARIMNAGAR	JAGITIAL	PEDDAPALLY	NIZAMABAD	KAMAREDDY	ADILABAD	NIRMAL	MANCHERIAL	KOMARAM BHEEM
NORMAL FUSE - OFF	2,000		2,000	3,000	25,500	13,000										
OVER HEAD LINE/ CABLE BREAKDOWNS																
UNDER GROUND CABLE BREAKDOWNS																
DTR's FAILURE						8,000										
SCHEDULE OUTRAGE																
VOLTAGE FLUCTUATIONS								7,200								
METER COMPLAINTS																
RELEASE OF SUPPLY			6,400		20,000					1,000						
TRANSFER OF OWNERSHIP AND CONVERSION OF SERVICES																
i) NAME CHANGE																
ii) CATEGORY CHANGE																
CONSUMERS BILLS	23,000		5,000		15,000	49,700	39,600									
RECONNECTION OF SUPPLY FOLLOWING DISCONNECTION DUE TO NON-PAYMENT OF BILLS																
<b>TOTAL</b>	<b>25,000</b>	<b>0</b>	<b>13,400</b>	<b>3,000</b>	<b>60,500</b>	<b>70,700</b>	<b>39,600</b>	<b>7,200</b>	<b>0</b>	<b>1,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>TSNPDCL</b>	<b>220,400</b>															

**ELECTRICAL ACCIDENTS**

**RUPEES IN LAKHS**

SNO	CIRCLE	DURING FY 2020-21						
		NO. OF ACCIDENTS			EXGRATIA PAID			
		FATAL ACCIDENTS		NON-FATAL ACCIDENTS	FATAL ACCIDENTS			
		HUMAN BEINGS	ANIMALS		HUMAN BEINGS	AMOUNT	ANIMALS	AMOUNT
1	WARANGAL URBAN	14	29	4	13	62.00	15	6.28
2	WARANGAL RURAL	23	40	7	21	105.00	28	12.40
3	JANGAON	22	50	5	20	94.00	38	16.16
4	MAHBUBABAD	42	89	2	31	155.00	60	26.54
5	BHUPALPALLY	27	75	3	23	115.00	53	32.40
6	KHAMMAM	43	136	4	17	82.00	92	44.49
7	BHADRADRI KOTHAGUDEM	15	62	3	14	70.00	64	35.61
8	KARIMNAGAR	27	22	4	23	105.00	14	6.40
9	JAGITIAL	35	69	7	44	236.00	61	29.05
10	PEDDAPALLY	21	45	1	25	124.00	45	18.42
11	NIZAMABAD	34	67	5	26	131.00	48	22.54
12	KAMAREDDY	42	54	1	29	150.00	41	16.30
13	ADILABAD	38	36	2	20	109.00	30	11.81
14	NIRMAL	32	95	5	20	102.00	46	18.21
15	MANCHERIAL	38	74	5	23	113.00	68	47.78
16	KOMARAMBHEEM	7	31	1	2	10.00	23	11.20
<b>TOTAL</b>		<b>460</b>	<b>974</b>	<b>59</b>	<b>351</b>	<b>1763</b>	<b>726</b>	<b>355.59</b>

**DTR FAILURES ( FY 2020-21)**

SNO	CIRCLE	NO. OF DTR Existing as on 31.03.2020		NO. OF DTRs FAILED DURING FY 2020-21		NO. OF FAILED DTRs REPLACED DURING FY 2020-21		NO. OF ADDITIONAL DTRs INSTALLED DURING FY 2020-21	
		THREE PHASE	SINGLE PHASE	THREE PHASE	SINGLE PHASE	THREE PHASE	SINGLE PHASE	THREE PHASE	SINGLE PHASE
1	WARANGAL URBAN	10914	2163	1230	129	1230	129	391	40
2	BHUPALPALLY	11014	5760	1965	524	1965	524	338	91
3	JANGAON	13760	2104	2183	173	2183	173	353	56
4	WARANGAL RURAL	11813	4509	1663	328	1663	328	580	86
5	MAHBUBABAD	11572	5434	1753	425	1753	425	280	177
6	KHAMMAM	21926	6269	2162	409	2162	409	1089	99
7	BHADADRI KOTHAGUDEM	12569	3637	1269	252	1269	252	591	86
8	KARIMNAGAR	22031	3200	2293	299	2293	299	238	60
9	JAGITIAL	18467	4335	2512	286	2512	286	893	182
10	PEDDAPALLY	13568	3250	1648	245	1648	245	244	67
11	NIZAMABAD	37146	4788	3444	240	3444	240	813	102
12	KAMAREDDY	25986	3912	3036	298	3036	298	889	83
13	ADILABAD	6173	2755	637	244	637	244	286	56
14	KOMARAMBHEEM	2882	2522	348	154	348	154	234	56
15	MANCHERIAL	10602	3157	1307	249	1307	249	521	131
16	NIRMAL	14030	2783	1897	290	1897	290	790	111
<b>TSNPDC</b>		<b>244453</b>	<b>60578</b>	<b>29347</b>	<b>4545</b>	<b>29347</b>	<b>4545</b>	<b>8530</b>	<b>1483</b>

**FAULTY METERS (STUCK-UP & BURNT) DURING FY 2020-21**

SNO	CIRCLE	OPENING BALANCE (AS ON 01.04.2020)		ACCRUED FROM 01.04.2020 TO 31.03.2021		REPLACED FROM 01.04.2020 TO 31.03.2021		CLOSING BALANCE (AS ON 31.03.2021)	
		SINGLE PHASE	THREE PHASE	SINGLE PHASE	THREE PHASE	SINGLE PHASE	THREE PHASE	SINGLE PHASE	THREE PHASE
1	WARANGAL URBAN	1166	162	13617	1791	13421	1872	1362	81
2	WARANGAL RURAL	1146	353	9548	1369	9924	1670	770	52
3	JANGAON	1661	248	5632	385	6146	601	1147	32
4	MAHBUBABAD	2087	774	4823	673	6344	1404	566	43
5	PROF JAYASHANKAR	2817	317	6602	973	7429	1248	1990	42
6	KARIMNAGAR	1825	132	3015	616	3892	263	948	485
7	JAGITIAL	2412	167	22216	1584	22918	1690	1710	61
8	PEDDAPALLY	2100	179	12708	658	13711	779	1097	58
9	KHAMMAM	1643	146	18486	1656	19218	1711	911	91
10	BHADRADRI	1526	107	17900	661	17017	720	2409	48
11	NIZAMABAD	1313	248	41195	2971	41476	3076	1032	143
12	KAMAREDDY	5179	629	6940	855	8158	1340	3961	144
13	ADILABAD	3430	45	4355	356	5466	277	2319	124
14	NIRMAL	1253	241	5796	493	5938	678	1111	56
15	MANCHERIAL	1149	122	7047	1461	7606	1572	590	11
16	KOMARAMBHEEM	2308	32	3665	110	4504	137	1469	5
<b>TOTAL</b>		<b>33015</b>	<b>3902</b>	<b>183545</b>	<b>16612</b>	<b>193168</b>	<b>19038</b>	<b>23392</b>	<b>1476</b>

## FUSE OF CALLS

SNO	CIRCLE	DURING FY 2020-21					
		URBAN			RURAL		
		NO. OF COMPLAINTS RECEIVED	NO. OF COMPLAINTS ATTENDED WITH IN TIME FRAME	NO. OF COMPLAINTS ATTENDED BEYOND TIME FRAME	NO. OF COMPLAINTS RECEIVED	NO. OF COMPLAINTS ATTENDED WITH IN TIME FRAME	NO. OF COMPLAINTS ATTENDED BEYOND TIME FRAME
1	WARANGAL URBAN	6953	6945	8	1894	1894	0
2	WARANGAL RURAL	4745	4745	0	4255	4197	58
3	JANGAON	264	264	0	1986	1986	0
4	MAHBUBABAD	1264	1264	0	4527	4527	0
5	BHUPALPALLY	3092	3092	0	12681	12363	318
6	KHAMMAM	11482	11482	0	9560	9560	0
7	BHADRADRI KOTHAGUDEM	3118	3060	58	5149	5087	62
8	KARIMNAGAR	8628	8628	0	8747	8747	0
9	JAGITIAL	2174	2174	0	2020	118	1902
10	PEDDAPALLY	1011	1011	0	1666	1666	0
11	NIZAMABAD	6823	6823	0	9473	9473	0
12	KAMAREDDY	1532	1524	8	2365	2352	13
13	ADILABAD	5530	5530	0	7645	7645	0
14	NIRMAL	4722	4722	0	3970	3970	0
15	MANCHERIAL	4608	4608	0	7377	7377	0
16	KOMARAM BHEEM	2592	2569	23	4899	4860	39
<b>TOTAL</b>		<b>68538</b>	<b>68441</b>	<b>97</b>	<b>88214</b>	<b>85822</b>	<b>2392</b>

**PROCUREMENT OF SAFETY ITEMS FOR THE YEAR FY 2020-21**

Sl.No.	NAME OF THE MATERIAL	QUANTITY	RATE/ EACH	TOTAL VALUE (Rs.)	P.O. No. & DATE	REMARKS
1	P.P Rope 24mm	3000 KGs.	171.36	514,080.00	PM-6319, Dt.28-07-2020	
2	Rubber Hand Gloves	2400 Pairs	759.92	1,823,808.00	PM-6348, Dt.17-09-2020	
		1000 Pairs	759.92	759,920.00	PM-6349, Dt.17-09-2020	
		600 Pairs	721.92	433,152.00	PM-6350, Dt.17-09-2020 (Trail Order)	
3	Rain Coats with caps	1500 Nos.	289.80	434,700.00	PM-6392, Dt.09-10-2020	
4	Earth Discharge Rods 10 feet	700 Nos.	918.04	642,628.00	PM-6404, Dt.22-10-2020	
		300 Nos.	918.04	275,412.00	PM-6405, Dt.22-10-2020	

**ABSTRACT****STATEMENT SHOWING CIRCLE WISE ARREARS OF CONSUMERS OVER RS.50,000/- PENDING FOR OVER 6 MONTHS  
AS ON 31.03.2021****(RUPEES IN CRORES)**

SNO	NAME OF THE CIRCLE	LT SERVICES		HT SERVICES		TOTAL	
		SCs	AMOUNT	SCs	AMOUNT	SCs	AMOUNT
1	WARANGAL URBAN	403	3.60	6	170.09	409	173.69
2	WARANGAL RURAL	260	2.59	10	283.10	270	285.69
3	JANGAON	77	0.82	7	69.89	84	70.71
4	MAHBUBABAD	217	2.35	11	2.52	228	4.87
5	PROF JAYASHANKAR	336	4.58	17	855.01	353	859.58
6	KARIMNAGAR	222	3.61	48	413.71	270	417.32
7	JAGITIAL	130	1.36	14	14.76	144	16.11
8	PEDDAPALLY	128	1.41	12	650.47	140	651.88
9	KHAMMAM	306	6.12	68	76.17	374	82.29
10	BHADRADRI	299	3.64	28	17.05	327	20.69
11	NIZAMABAD	289	3.91	65	453.78	354	457.68
12	KAMAREDDY	349	4.65	11	4.56	360	9.21
13	ADILABAD	291	3.02	14	0.80	305	3.82
14	NIRMAL	296	3.43	38	20.46	334	23.89
15	MANCHERIAL	228	2.32	18	76.79	246	79.11
16	KOMARAMBHEEM	202	2.35	11	14.30	213	16.65
<b>TOTAL</b>		<b>4033</b>	<b>49.76</b>	<b>378</b>	<b>3123.45</b>	<b>4411</b>	<b>3173.21</b>

**11 KV FEEDERS TOWNS , INDUSTRIAL & OTHER BREAKDOWNS PARTICULARS DURING THE YEAR FY 2020-21**

SNO	CIRCLE	NO. OF 11 KV FEEDERS EXISTING TOWN	11 KV TOWN										TOTAL	
			LR	TIME (Hrs:Mts)	LC	TIME (Hrs:Mts)	B/D	TIME (Hrs:Mts)	EL/OL	TIME (Hrs:Mts)	ISF	TIME (Hrs:Mts)	Nos.	DURATION (Hrs. Mts)
1	WARANGAL URBAN	134	0	0:00	6446	6157:15	462	657:53	3166	224:07	311	130:53	10385	7170:08
2	WARANGAL RURAL	68	0	0:00	1838	2588:36	107	425:51	852	75:23	1076	880:36	3873	3970:26
3	JANGAON	15	0	0:00	43	8:10	22	78:10	16	2:35	17	18:43	98	107:38
4	MAHBUBABAD	11	0	0:00	82	95:05	14	9:55	276	15:06	10	1:30	382	121:36
5	BHUPALPALLY	2	0	0:00	42	45:25	34	46:56	4	0:20	112	135:52	192	228:33
6	KHAMMAM	109	0	0:00	3370	10500:25	80	137:22	2391	307:48	1166	1525:33	7007	12471:08
7	BHADRADRI KOTHAGUDEM	23	0	0:00	719	85:25	8	6:20	64	0:05	337	22:50	1128	114:40
8	KARIMNAGAR	56	0	0:00	1526	2509:28	91	153:51	40	10:18	348	321:48	2005	2995:25
9	JAGITIAL	17	0	0:00	861	598:07	45	108:40	366	101:36	126	192:53	1398	1001:16
10	PEDDAPALLY	30	0	0:00	809	693:29	42	77:18	86	13:19	195	249:27	1132	1033:33
11	NIZAMABAD	60	0	0:00	2150	1925:48	171	291:42	1803	259:10	733	259:29	4857	2736:09
12	KAMAREDDY	30	0	0:00	1625	567:30	73	141:19	1044	70:06	30	55:16	2772	834:11
13	ADILABAD	24	0	0:00	2958	956:11	94	173:12	495	56:17	1254	853:26	4801	2039:06
14	NIRMAL	18	0	0:00	1879	657:10	95	104:48	373	52:02	328	96:55	2675	910:55
15	MANCHERIAL	20	0	0:00	596	199:41	2	1:20	143	16:47	68	41:41	809	259:29
16	KOMARAM BHEEM	7	0	0:00	2460	1179:25	35	47:31	700	79:44	1848	809:13	5043	2115:53
<b>TOTAL</b>		<b>624</b>	<b>0</b>	<b>0:00</b>	<b>27404</b>	<b>28767:10</b>	<b>1375</b>	<b>2462:08</b>	<b>11819</b>	<b>1284:43</b>	<b>7959</b>	<b>5596:05</b>	<b>48557</b>	<b>38110:06</b>



**11 KV FEEDERS TOWNS , INDUSTRIAL & OTHER BREAKDOWNS PARTICULARS DURING THE YEAR FY 2020-21**

SNO	CIRCLE	NO. OF 11 KV FEEDERS EXISTING INDUSTRIAL & OTHERS	11 KV INDUSTRIAL & OTHERS										TOTAL	
			LR	TIME (Hrs:Mts)	LC	TIME (Hrs:Mts)	B/D	TIME (Hrs:Mts)	EL/OL	TIME (Hrs:Mts)	ISF	TIME (Hrs:Mts)	Nos.	DURATION (Hrs. Mts)
1	WARANGAL URBAN	33	0	0:00	1210	1269:10	142	240:26	1039	94:44	658	374:06	3049	1978:26
2	WARANGAL RURAL	44	0	0:00	3102	3081:25	216	867:27	1650	216:11	1184	930:09	6152	5095:12
3	JANGAON	2	0	0:00	11	16:45	0	0:00	14	2:22	0	0:00	25	19:07
4	MAHBUBABAD	24	0	0:00	36	31:10	8	9:40	88	5:55	10	1:30	142	48:15
5	BHUPALPALLY	38	0	0:00	191	204:05	31	102:51	131	18:15	35	32:42	388	357:53
6	KHAMMAM	79	0	0:00	422	818:53	34	94:16	1071	93:30	101	431:02	1628	1437:41
7	BHADRADRI KOTHAGUDEM	17	0	0:00	77	94:08	3	2:23	2	0:15	52	60:10	134	156:56
8	KARIMNAGAR	58	0	0:00	556	973:30	119	404:27	77	8:28	270	416:33	1022	1802:58
9	JAGITIAL	21	0	0:00	47	1392:43	14	46:04	11	1:57	2	8:14	74	1448:58
10	PEDDAPALLY	37	0	0:00	399	537:55	30	78:59	68	8:43	119	169:10	616	794:47
11	NIZAMABAD	28	0	0:00	262	406:46	62	109:54	110	23:25	119	47:30	553	587:35
12	KAMAREDDY	27	0	0:00	159	97:23	25	635:35	146	38:01	20	17:03	350	788:02
13	ADILABAD	11	0	0:00	583	362:03	57	156:50	556	56:45	1060	617:29	2256	1193:07
14	NIRMAL	50	0	0:00	85	64:17	6	6:50	76	10:48	287	140:21	454	222:16
15	MANCHERIAL	17	0	0:00	12	31:28	1	0:55	2	0:11	10	7:23	25	39:57
16	KOMARAM BHEEM	6	0	0:00	810	335:50	87	406:01	650	88:23	1575	863:30	3122	1693:44
<b>TOTAL</b>		<b>492</b>	<b>0</b>	<b>0:00</b>	<b>7962</b>	<b>9717:31</b>	<b>835</b>	<b>3162:38</b>	<b>5691</b>	<b>667:53</b>	<b>5502</b>	<b>4116:52</b>	<b>19990</b>	<b>17664:54</b>

**11 KV FEEDERS RURAL & MHQ BREAKDOWN & INTERRUPTIONS PARTICULARS DURING THE YEAR FY 2020-21**

SNO	CIRCLE	NO. OF 11 KV FEEDERS EXISTING RURAL	11 KV RURAL										TOTAL	
			LR	TIME (Hrs:Mts)	LC	TIME (Hrs:Mts)	B/D	TIME (Hrs:Mts)	EL/OL	TIME (Hrs:Mts)	ISF	TIME (Hrs:Mts)	Nos.	DURATION (Hrs. Mts)
1	WARANGAL URBAN	107	0	0:00	4484	264:35	366	44:25	5381	107:30	2335	269:55	12566	686:25
2	WARANGAL RURAL	194	0	0:00	13164	14817:12	605	2222:54	6054	564:10	2452	1936:42	22275	19540:58
3	JANGAON	310	0	0:00	5355	11213:07	765	3178:34	615	65:34	640	1274:21	7375	15731:36
4	MAHBUBABAD	230	0	0:00	811	691:32	473	552:25	3189	315:10	35	1:30	4508	1560:37
5	BHUPALPALLY	250	0	0:00	6643	8842:57	553	1708:50	2684	348:50	436	55:30	10316	10956:07
6	KHAMMAM	310	0	0:00	7128	13344:59	287	945:22	5267	960:55	4843	6190:22	17525	21441:38
7	BHADRADRI KOTHAGUDEM	164	0	0:00	6979	2607:04	293	161:41	569	9:43	2688	1694:37	10529	4473:05
8	KARIMNAGAR	305	0	0:00	7957	12026:15	783	2760:46	1494	138:17	1553	1796:50	11787	16722:08
9	JAGITIAL	412	0	0:00	1534	1786:01	227	265:05	1319	266:16	107	91:26	3187	2408:48
10	PEDDAPALLY	219	0	0:00	4850	5566:32	384	1354:24	535	64:11	710	1061:23	6479	8046:30
11	NIZAMABAD	837	0	0:00	4106	6299:03	2057	4743:46	5392	697:27	753	1668:12	12308	13408:28
12	KAMAREDDY	406	0	0:00	7236	15500:11	1137	4996:07	4723	413:58	8937	9823:05	22033	30733:21
13	ADILABAD	112	0	0:00	20128	11099:13	1096	2653:40	12338	883:46	18954	10860:47	52516	25497:26
14	NIRMAL	249	0	0:00	27956	12432:18	1380	3151:06	12000	1336:35	6049	4952:15	47385	21872:14
15	MANCHERIAL	145	0	0:00	367	561:28	13	62:51	19	6:10	456	494:27	855	1124:56
16	KOMARAM BHEEM	92	0	0:00	19654	10229:47	1301	3650:51	14287	1800:13	38120	19317:47	73362	34998:38
<b>TOTAL</b>		<b>4342</b>	<b>0</b>	<b>0:00</b>	<b>138352</b>	<b>127282:14</b>	<b>11720</b>	<b>32452:47</b>	<b>75866</b>	<b>7978:45</b>	<b>89068</b>	<b>61489:09</b>	<b>315006</b>	<b>229202:55</b>

**11 KV FEEDERS RURAL & MHQ BREAKDOWN & INTERRUPTIONS PARTICULARS DURING THE YEAR FY 2020-21**

SNO	CIRCLE	NO. OF 11 KV FEEDERS EXISTING MHQ	11 KV MHQ										TOTAL	
			LR	TIME (Hrs:Mts)	LC	TIME (Hrs:Mts)	B/D	TIME (Hrs:Mts)	EL/OL	TIME (Hrs:Mts)	ISF	TIME (Hrs:Mts)	Nos.	DURATION (Hrs. Mts)
1	WARANGAL URBAN	21	0	0:00	1463	1584:38	137	434:40	1258	106:30	363	196:00	3221	2321:48
2	WARANGAL RURAL	16	0	0:00	824	1061:37	49	184:08	383	49:29	379	315:46	1635	1611:00
3	JANGAON	12	0	0:00	111	88:00	4	6:30	4	0:35	17	15:36	136	110:41
4	MAHBUBABAD	9	0	0:00	67	56:15	11	6:45	114	7:05	10	1:30	202	71:35
5	BHUPALPALLY	21	0	0:00	178	144:15	15	13:15	118	7:40	27	17:06	338	182:16
6	KHAMMAM	21	0	0:00	496	939:44	30	54:28	598	107:00	422	862:15	1546	1963:27
7	BHADRADRI KOTHAGUDEM	24	0	0:00	319	360:43	2	0:00	34	3:12	282	355:36	637	719:31
8	KARIMNAGAR	8	0	0:00	210	373:35	16	43:36	10	0:59	80	94:21	316	512:31
9	JAGITIAL	14	0	0:00	167	228:35	16	51:12	274	117:20	48	75:48	505	472:55
10	PEDDAPALLY	12	0	0:00	143	160:43	5	13:31	8	1:01	88	90:54	244	266:09
11	NIZAMABAD	25	0	0:00	312	346:53	102	140:07	115	10:59	45	62:10	574	560:09
12	KAMAREDDY	21	0	0:00	84	112:40	18	59:10	71	16:48	13	14:49	186	203:27
13	ADILABAD	14	0	0:00	3516	2251:07	116	210:04	1167	122:05	4134	1770:26	8933	4353:42
14	NIRMAL	15	0	0:00	2569	1015:09	84	168:34	587	116:03	1336	543:22	4576	1843:08
15	MANCHERIAL	13	0	0:00	18	26:43	2	8:05	6	0:30	31	36:33	57	71:51
16	KOMARAM BHEEM	10	0	0:00	2448	1057:06	54	126:47	520	153:09	3659	2022:42	6681	3359:44
<b>TOTAL</b>		<b>256</b>	<b>0</b>	<b>0:00</b>	<b>12925</b>	<b>9807:43</b>	<b>661</b>	<b>1520:52</b>	<b>5267</b>	<b>820:25</b>	<b>10934</b>	<b>6474:54</b>	<b>29787</b>	<b>18623:54</b>

**STATEMENT SHOWING THE CIRCLE-WISE CASES REPORTED DURING FY 2020-21**

SNO	NAME OF THE CIRCLE	NO OF CASES REPORTED		TOTAL	CASE REGISTERED CATEGORY-WISE					TOTAL	PROVISIONAL ASSESSMENT AMOUNT		TOTAL	REALISED ASSESSMENT AMOUNT		TOTAL	NO OF CASES COMPOUNDED		TOTAL	NO OF CASES COMPOUNDED CATEGORY-WISE					TOTAL	COMPOUNDING FEE COLLECTED	PERSONS ARRESTED												
		OPERATION	DPE		I	II	III	V	OTHERS		OPERATION	DPE		OPERATION	DPE		OPERATION	DPE		I	II	III	V	Others															
1	WARANGAL	2917	3988	6905	6449	420	24	4	8	6905	8138163	14362537	22500700	4520377	1231913	5752290	4776	4227	9003	8542	422	27	6	6	9003	8482000	23												
2	KARIMNAGAR	2500	1434	3934	3542	356	12	15	9	3934	2852895	5559679	8412574	1729352	3605503	5334855	2981	1758	4739	4299	388	13	30	9	4739	4075500	3												
3	KHAMMAM	3745	1651	5396	5145	218	6	18	9	5396	6797668	8542126	15339794	8881000	14033000	22914000	4343	1773	6116	5848	230	8	22	8	6116	4821000	11												
4	NIZAMABAD	1655	1217	2872	2293	548	27	2	2	2872	2671643	7100263	9771906	3649000	5115000	8764000	2406	1502	3908	3175	682	47	3	1	3908	5611500	3												
5	ADILABAD	1228	2640	3868	3602	261	4	1	0	3868	1425441	9364232	10789673	867000	4095000	4962000	3326	3886	7212	6749	451	6	4	2	7212	6984000	0												
	TSNPDCL	12045	10930	22975	21031	1803	73	40	28	22975	21885810	44928837	66814647	19646729	28080416	47727145	17832	13146	30978	28613	2173	101	65	26	30978	29974000	40												
TOTAL AMOUNT (in Crs.)											21,885,810	44,928,837	66,814,647	19,646,729	28,080,416	47,727,145																						29,974,000	

**COMPENSATION AWARDED UNDER SOP REGULATIONS FOR H1 OF FY 2021-22**

FIGURES IN RUPEES

SERVICE AREA	COMPENSATION AWARDED															
	WARANGAL URBAN	WARANGAL RURAL	JANGAON	MAHBUBABAD	BHUPALPALLY	KARIMNAGAR	JAGITIAL	PEDDAPALLY	KHAMMAM	BHADRADRI KOTHAGUDEM	NIZAMABAD	KAMAREDDY	ADILABAD	NIRMAL	MANCHERIAL	KOMARAM BHEEM
NORMAL FUSE - OFF	10,000		26,000		16,000			5,400							12,000	
OVER HEAD LINE/ CABLE BREAKDOWNS																
UNDER GROUND CABLE BREAKDOWNS																
DTR's FAILURE																
SCHEDULE OUTRAGE																
VOLTAGE FLUCTUATIONS																
METER COMPLAINTS																
RELEASE OF SUPPLY					5,000				28,600	9,000						
TRANSFER OF OWNERSHIP AND CONVERSION OF SERVICES																
i) NAME CHANGE																
ii) CATEGORY CHANGE																
CONSUMERS BILLS	1,000	2,500			5,000					500				10,000		
RECONNECTION OF SUPPLY FOLLOWING DISCONNECTION DUE TO NON-PAYMENT OF BILLS																
<b>TOTAL</b>	<b>11,000</b>	<b>2,500</b>	<b>26,000</b>	<b>0</b>	<b>26,000</b>	<b>0</b>	<b>0</b>	<b>5,400</b>	<b>28,600</b>	<b>9,500</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>10,000</b>	<b>12,000</b>	<b>0</b>
<b>TSNPDCL</b>	<b>131,000</b>															

**ELECTRICAL ACCIDENTS H1 OF FY 2021-22**

**RUPEES IN LAKHS**

SNO	CIRCLE	DURING H1 OF FY 2021-22						
		NO. OF ACCIDENTS			EXGRATIA PAID			
		FATAL ACCIDENTS		NON-FATAL ACCIDENTS	FATAL ACCIDENTS			
		HUMAN BEINGS	ANIMALS		HUMAN BEINGS	AMOUNT	ANIMALS	AMOUNT
1	HANUMAKONDA	21	35	3	2	10.00	24	12.87
2	WARANGAL	10	24	0	3	15.00	17	7.60
3	JANGAON	12	19	3	7	35.00	11	4.40
4	MAHBUBABAD	27	83	0	14	72.00	29	14.07
5	BHUPALPALLY	17	32	0	12	65.00	25	12.00
6	KHAMMAM	21	122	1	5	25.00	44	25.20
7	BHADRADRI KOTHAGUDEM	15	54	4	5	25.00	25	16.40
8	KARIMNAGAR	9	6	2	8	40.00	1	0.40
9	JAGITIAL	12	46	2	8	40.00	10	3.34
10	PEDDAPALLY	7	37	0	6	30.00	18	7.20
11	NIZAMABAD	18	57	0	7	34.00	23	9.20
12	KAMAREDDY	11	24	1	16	80.00	16	5.08
13	ADILABAD	10	37	5	9	45.00	6	2.07
14	NIRMAL	6	54	0	10	50.00	12	4.40
15	MANCHERIAL	17	55	0	9	45.00	50	19.34
16	KOMARAMBHEEM	9	20	0	2	15.00	3	0.87
<b>TOTAL</b>		<b>222</b>	<b>705</b>	<b>21</b>	<b>123</b>	<b>626</b>	<b>314</b>	<b>144.44</b>

**DTR FAILURES H1 OF FY 2021-22**

SNO	CIRCLE	NO. OF DTR Existing as on 30.09.2021		NO. OF DTRs FAILED from 01.04.2021 to 30.09.2021		NO. OF FAILED DTRs REPLACED from 01.04.2021 to 30.09.2021		NO. OF ADDITIONAL DTRs INSTALLED from 01.04.2021 to 30.09.2021	
		THREE PHASE	SINGLE PHASE	THREE PHASE	SINGLE PHASE	THREE PHASE	SINGLE PHASE	THREE PHASE	SINGLE PHASE
1	HANUMAKONDA	11109	2165	629	74	629	74	195	2
2	WARANGAL	12132	4595	818	144	818	144	319	86
3	JANGAON	14028	2144	1058	96	1058	96	268	40
4	MAHBUBABAD	11676	5472	893	210	893	210	104	38
5	BHUPALPALLY	11233	5794	951	253	951	253	219	34
6	KHAMMAM	22314	6346	1199	266	1199	266	388	77
7	BHADRADRI KOTHAGUDEM	12865	3681	557	138	557	138	296	44
8	KARIMNAGAR	22103	3230	1128	207	1128	207	72	30
9	JAGITIAL	18622	4373	1208	168	1208	168	155	38
10	PEDDAPALLY	13689	3312	829	104	829	104	121	62
11	NIZAMABAD	37540	4823	1902	175	1902	175	394	35
12	KAMAREDDY	26359	3947	1405	200	1405	200	373	35
13	ADILABAD	6303	2759	247	198	247	198	130	4
14	KOMARAMBHEEM	2938	2529	192	101	192	101	56	7
15	MANCHERIAL	10550	3415	457	146	457	146	24	271
16	NIRMAL	14251	2824	1147	201	1147	201	221	41
<b>TSNPDC</b>		<b>247712</b>	<b>61409</b>	<b>14620</b>	<b>2681</b>	<b>14620</b>	<b>2681</b>	<b>3335</b>	<b>844</b>

**FAULTY METERS (STUCK-UP & BURNT) DURING H1 OF FY 2021-22**

SNO	CIRCLE	OPENING BALANCE (AS ON 01.04.2021)		ACCRUED FROM (01.04.2021 to 30.09.2021)		REPLACED FROM (01.04.2021 to 30.09.2021)		CLOSING BALANCE (AS ON 30.09.2021)	
		SINGLE PHASE	THREE PHASE	SINGLE PHASE	THREE PHASE	SINGLE PHASE	THREE PHASE	SINGLE PHASE	THREE PHASE
1	HANUMAKONDA	1362	81	6706	756	6416	702	1652	135
2	WARANGAL	770	52	7108	535	6433	485	1445	102
3	JANGAON	1147	32	3250	203	3095	162	1302	73
4	MAHBUBABAD	566	43	1539	162	970	114	1135	91
5	PROF JAYASHANKAR	1990	42	3048	344	2758	318	2280	68
6	KARIMNAGAR	948	485	2015	88	1055	422	1908	151
7	JAGITIAL	1710	61	11307	454	10708	405	2309	110
8	PEDDAPALLY	1097	58	3950	292	4098	288	949	62
9	KHAMMAM	911	91	8058	858	7528	789	1441	160
10	BHADRADRI	2409	48	10532	360	11556	327	1385	81
11	NIZAMABAD	1032	143	10070	1213	9642	1060	1460	296
12	KAMAREDDY	3961	144	6042	256	6471	238	3532	162
13	ADILABAD	2319	124	2627	178	2791	190	2155	112
14	NIRMAL	1111	56	3166	269	3098	139	1179	186
15	MANCHERIAL	590	11	2324	99	1974	79	940	31
16	KOMARAMBHEEM	1469	5	2107	38	2383	33	1193	10
<b>TOTAL</b>		<b>23392</b>	<b>1476</b>	<b>83849</b>	<b>6105</b>	<b>80976</b>	<b>5751</b>	<b>26265</b>	<b>1830</b>



**FUSE OF CALLS DURING H1 OF FY 2021-22**

SNO	CIRCLE	DURING FY 2021-22 from 01.04.2021 to 30.09.2021					
		URBAN			RURAL		
		NO. OF COMPLAINTS RECEIVED	NO. OF COMPLAINTS ATTENDED WITH IN TIME FRAME	NO. OF COMPLAINTS ATTENDED BEYOND TIME FRAME	NO. OF COMPLAINTS RECEIVED	NO. OF COMPLAINTS ATTENDED WITH IN TIME FRAME	NO. OF COMPLAINTS ATTENDED BEYOND TIME FRAME
1	HANUMAKONDA	3660	3660	0	1467	1467	0
2	WARANGAL	1062	1062	0	4228	4228	0
3	JANGAON	456	456	0	904	733	171
4	MAHBUBABAD	919	919	0	3839	3839	0
5	BHUPALPALLY	363	363	0	8769	8769	0
6	KHAMMAM	3343	3343	0	5690	5690	0
7	BHADRADRI KOTHAGUDEM	3965	3965	0	8342	8342	0
8	KARIMNAGAR	5744	5744	0	7434	7434	0
9	JAGITIAL	70	70	0	562	562	0
10	PEDDAPALLY	463	463	0	663	663	0
11	NIZAMABAD	2954	2954	0	6074	6074	0
12	KAMAREDDY	1196	1196	0	1440	1440	0
13	ADILABAD	4515	4515	0	5371	5371	0
14	NIRMAL	1550	1550	0	1326	1326	0
15	MANCHERIAL	3542	3453	89	4912	4810	102
16	KOMARAM BHEEM	1346	1328	18	2605	2555	50
<b>TOTAL</b>		<b>35148</b>	<b>35041</b>	<b>107</b>	<b>63626</b>	<b>63303</b>	<b>323</b>

**PROCUREMENT OF SAFETY ITEMS FOR FY 2021-22 from 01.04.2021 to 30.09.2021**

<b>SNO</b>	<b>NAME OF THE MATERIAL</b>	<b>QUANTITY</b>		<b>RATE/ EACH</b>	<b>TOTAL VALUE (in Rs.)</b>	<b>P.O. No. &amp; DATE</b>	<b>REMARKS</b>
1	Rubber Hand Gloves	300	Pairs	936.92	281,076.00	PM-6806,Dt:05-10-2021	
2	Rubber Gum Boots	750	Pairs	435.00	326,253.00	EPM-6569,Dt:20-04-2021	
3	P.P.Rope 24mm	900	KGs	215.04	193,536.00	PM-6754,Dt:23-08-2021	
4		2100	KGs	215.04	451,584.00	PM-6802,Dt:27-09-2021	
<b>TOTAL</b>					1,252,449.00		

**ABSTRACT**

**STATEMENT SHOWING CIRCLE WISE ARREARS OF CONSUMERS OVER RS.50,000/- PENDING FOR OVER 6 MONTHS  
DURING H1 OF FY 2021-22 (as on 30.09.2021)(including Govt. Services)**

(RUPEES IN CRORES)

SNO	NAME OF THE CIRCLE	LT SERVICES		HT SERVICES		TOTAL	
		SCs	AMOUNT	SCs	AMOUNT	SCs	AMOUNT
1	HANUMAKONDA	498	4.82	9	473.91	507	478.73
2	WARANGAL	424	4.54	6	1.05	430	5.58
3	JANGAON	114	1.28	6	145.53	120	146.81
4	MAHBUBABAD	252	2.64	14	61.25	266	63.89
5	PROF JAYASHANKAR	426	5.47	32	987.67	458	993.14
6	KARIMNAGAR	275	5.68	29	905.25	304	910.93
7	JAGITIAL	166	1.92	20	31.53	186	33.45
8	PEDDAPALLY	187	2.30	16	1149.80	203	1152.10
9	KHAMMAM	363	8.15	54	156.88	417	165.03
10	BHADRADRI	422	8.17	39	102.32	461	110.48
11	NIZAMABAD	528	8.02	80	563.61	608	571.63
12	KAMAREDDY	461	6.57	14	6.72	475	13.29
13	ADILABAD	400	4.54	14	1.88	414	6.42
14	NIRMAL	348	3.90	43	99.54	391	103.44
15	MANCHERIAL	283	3.14	14	72.01	297	75.15
16	KOMARAMBHEEM	298	4.32	17	58.76	315	63.08
<b>TOTAL</b>		<b>5445</b>	<b>75.45</b>	<b>407</b>	<b>4817.7</b>	<b>5852</b>	<b>4893.16</b>

**11 KV FEEDERS TOWNS , INDUSTRIAL & OTHER BREAKDOWNS PARTICULARS DURING H1 OF FY 2021-22**

SNO	CIRCLE	NO. OF 11 KV FEEDERS EXISTING TOWN	11 KV TOWN										TOTAL	
			LR	TIME (Hrs:Mts)	LC	TIME (Hrs:Mts)	B/D	TIME (Hrs:Mts)	EL/OL	TIME (Hrs:Mts)	ISF	TIME (Hrs:Mts)	Nos.	DURATION (Hrs. Mts)
1	HANUMAKONDA	98	0	0:00	673	293:03	81	59:22	429	28:51	274	134:05	1457	515:21
2	WARANGAL RURAL	95	0	0:00	2496	2988:43	166	381:27	1355	127:39	456	232:18	4473	3730:07
3	JANGAON	13	0	0:00	23	42:00	11	58:25	0	0:00	6	9:10	40	109:35
4	MAHBUBABAD	11	0	0:00	80	77:50	29	14:40	120	7:26	7	1:05	236	101:01
5	BHUPALPALLY	4	0	0:00	77	59:20	8	8:05	18	3:08	0	0:00	103	70:33
6	KHAMMAM	56	0	0:00	451	459:05	23	26:08	226	26:01	189	142:18	889	653:32
7	BHADRADRI KOTHAGUDEM	32	0	0:00	498	721:50	10	4:25	80	12:50	302	327:45	890	1066:50
8	KARIMNAGAR	67	0	0:00	823	929:59	75	100:46	333	58:11	201	169:31	1432	1258:27
9	JAGITIAL	35	0	0:00	69	52:49	3	2:05	16	3:12	0	0:00	88	58:06
10	PEDDAPALLY	32	0	0:00	379	321:08	35	58:02	120	17:53	54	49:29	588	446:32
11	NIZAMABAD	79	0	0:00	1439	979:41	174	295:44	2278	283:00	563	195:30	4454	1753:55
12	KAMAREDDY	22	0	0:00	803	250:43	38	68:07	398	39:09	29	37:45	1268	395:44
13	ADILABAD	27	0	0:00	92	149:29	13	39:37	32	7:38	229	206:25	366	403:09
14	NIRMAL	23	0	0:00	2	6:53	0	0:00	0	0:00	1	0:23	3	7:16
15	MANCHERIAL	24	0	0:00	1	2:00	1	10:15	0	0:00	1	3:12	3	15:27
16	KOMARAM BHEEM	10	0	0:00	0	0:00	0	0:00	0	0:00	0	0:00	0	0:00
<b>TOTAL</b>		<b>628</b>	<b>0</b>	<b>0:00</b>	<b>7906</b>	<b>7334:33</b>	<b>667</b>	<b>1127:08</b>	<b>5405</b>	<b>614:58</b>	<b>2312</b>	<b>1508:56</b>	<b>16290</b>	<b>10585:35</b>

**11 KV FEEDERS TOWNS , INDUSTRIAL & OTHER BREAKDOWNS PARTICULARS DURING H1 OF FY 2021-22**

SNO	CIRCLE	NO. OF 11 KV FEEDERS EXISTING INDUSTRIAL & OTHERS	11 KV INDUSTRIAL & OTHERS										TOTAL	
			LR	TIME (Hrs:Mts)	LC	TIME (Hrs:Mts)	B/D	TIME (Hrs:Mts)	EL/OL	TIME (Hrs:Mts)	ISF	TIME (Hrs:Mts)	Nos.	DURATION (Hrs. Mts)
1	HANUMAKONDA	41	0	0:00	237	271:59	40	70:13	84	5:50	168	140:08	529	488:10
2	WARANGAL RURAL	28	0	0:00	321	386:57	55	205:49	343	61:34	442	242:50	1161	897:10
3	JANGAON	2	0	0:00	7	9:23	0	0:00	4	25:00	4	8:12	15	42:35
4	MAHBUBABAD	28	0	0:00	18	8:30	4	2:30	37	2:50	8	1:10	67	15:00
5	BHUPALPALLY	67	0	0:00	219	467:29	67	320:52	51	13:46	36	55:20	373	857:27
6	KHAMMAM	104	0	0:00	172	288:31	21	66:42	86	37:39	132	238:12	411	631:04
7	BHADRADRI KOTHAGUDEM	18	0	0:00	54	76:24	2	3:28	0	0:00	43	53:03	99	132:55
8	KARIMNAGAR	40	0	0:00	285	480:47	73	248:34	136	21:10	140	226:38	634	977:09
9	JAGITIAL	31	0	0:00	14	10:13	2	7:03	5	0:40	0	0:00	21	17:56
10	PEDDAPALLY	30	0	0:00	187	193:56	33	74:12	231	24:54	31	43:45	482	336:47
11	NIZAMABAD	22	0	0:00	44	64:44	25	71:41	52	10:45	0	0:00	121	147:10
12	KAMAREDDY	28	0	0:00	96	8827:45	13	65:47	81	9:00	21	15:38	211	8918:10
13	ADILABAD	11	0	0:00	78	107:12	23	101:05	29	7:33	269	248:14	399	464:04
14	NIRMAL	8	0	0:00	0	0:00	0	0:00	0	0:00	8	16:08	8	16:08
15	MANCHERIAL	15	0	0:00	73	107:16	17	87:21	20	4:23	39	46:26	149	245:26
16	KOMARAM BHEEM	8	0	0:00	139	95:36	34	146:03	122	26:45	218	108:52	513	377:16
<b>TOTAL</b>		<b>481</b>	<b>0</b>	<b>0:00</b>	<b>1944</b>	<b>11396:42</b>	<b>409</b>	<b>1471:20</b>	<b>1281</b>	<b>251:49</b>	<b>1559</b>	<b>1444:36</b>	<b>5193</b>	<b>14564:27</b>

**11 KV FEEDERS RURAL & MHQ BREAKDOWN & INTERRUPTIONS PARTICULARS DURING H1 OF FY 2021-22**

SNO	CIRCLE	NO. OF 11 KV FEEDERS EXISTING RURAL	11 KV RURAL										TOTAL	
			LR	TIME (Hrs:Mts)	LC	TIME (Hrs:Mts)	B/D	TIME (Hrs:Mts)	EL/OL	TIME (Hrs:Mts)	ISF	TIME (Hrs:Mts)	Nos.	DURATION (Hrs. Mts)
1	HANUMAKONDA	151	0	0:00	1019	425:52	180	206:16	708	61:05	252	233:32	2159	926:45
2	WARANGAL RURAL	180	0	0:00	6444	6859:48	421	1740:03	3193	328:33	852	745:35	10910	9673:59
3	JANGAON	320	0	0:00	2675	5506:32	481	2260:27	263	25:15	273	504:52	3692	8297:06
4	MAHBUBABAD	214	0	0:00	748	566:30	279	238:00	2756	109:35	79	6:55	3862	921:00
5	BHUPALPALLY	219	0	0:00	1756	2709:14	460	1770:14	649	88:39	55	154:05	2920	4722:12
6	KHAMMAM	325	0	0:00	1443	2540:41	166	582:59	1936	194:59	1410	2017:37	4955	5336:16
7	BHADRADRI KOTHAGUDEM	178	0	0:00	1854	2314:03	109	371:03	192	25:13	1414	1805:40	3569	4515:59
8	KARIMNAGAR	286	0	0:00	3923	5844:35	460	1367:28	1333	135:27	865	1087:23	6581	8434:53
9	JAGITIAL	385	0	0:00	292	391:21	24	62:40	193	21:26	3	1:15	512	476:42
10	PEDDAPALLY	213	0	0:00	2548	2901:03	316	852:58	1934	208:57	448	469:52	5246	4432:50
11	NIZAMABAD	510	0	0:00	2183	3533:48	890	2212:47	2445	316:43	90	45:56	5608	6109:14
12	KAMAREDDY	423	0	0:00	3541	5234:41	595	2348:06	2153	228:03	4624	5855:40	10913	13666:30
13	ADILABAD	128	0	0:00	1104	1896:00	226	782:26	70	8:01	26	76:47	1426	2763:14
14	NIRMAL	235	0	0:00	618	862:08	77	315:48	136	161:08	1028	1285:44	1859	2624:48
15	MANCHERIAL	156	0	0:00	2810	4160:41	236	948:39	349	52:06	3937	6533:24	7332	11694:50
16	KOMARAM BHEEM	106	0	0:00	3635	4534:29	834	3810:03	115	60:00	5406	8454:00	9990	16858:32
<b>TOTAL</b>		<b>4029</b>	<b>0</b>	<b>0:00</b>	<b>36593</b>	<b>50281:26</b>	<b>5754</b>	<b>19869:57</b>	<b>18425</b>	<b>2025:10</b>	<b>20762</b>	<b>29278:17</b>	<b>81534</b>	<b>101454:50</b>

**11 KV FEEDERS RURAL & MHQ BREAKDOWN & INTERRUPTIONS PARTICULARS DURING H1 OF FY 2021-22**

SNO	CIRCLE	NO. OF 11 KV FEEDERS EXISTING MHQ	11 KV MHQ										TOTAL	
			LR	TIME (Hrs:Mts)	LC	TIME (Hrs:Mts)	B/D	TIME (Hrs:Mts)	EL/OL	TIME (Hrs:Mts)	ISF	TIME (Hrs:Mts)	Nos.	DURATION (Hrs. Mts)
1	HANUMAKONDA	7	0	0:00	35	33:15	8	3:20	32	2:40	35	25:44	110	64:59
2	WARANGAL RURAL	11	0	0:00	334	503:32	20	89:30	119	18:05	211	104:50	684	715:57
3	JANGAON	13	0	0:00	49	40:07	3	9:20	5	0:30	10	5:55	67	55:52
4	MAHBUBABAD	9	0	0:00	41	17:05	34	21:45	130	9:15	13	1:15	218	49:20
5	BHUPALPALLY	16	0	0:00	380	433:52	21	33:56	58	6:27	6	19:20	465	493:35
6	KHAMMAM	21	0	0:00	190	124:49	34	39:56	79	7:51	101	82:39	404	255:15
7	BHADRADRI KOTHAGUDEM	23	0	0:00	326	558:07	1	36:00	36	5:28	304	404:42	667	1004:17
8	KARIMNAGAR	10	0	0:00	152	220:11	15	22:58	49	5:36	66	39:30	282	288:15
9	JAGITIAL	14	0	0:00	8	15:56	0	0:00	8	1:00	0	0:00	16	16:56
10	PEDDAPALLY	11	0	0:00	90	95:05	18	31:26	42	4:35	41	20:45	191	151:51
11	NIZAMABAD	25	0	0:00	245	322:46	57	93:14	76	10:57	1	6:02	379	432:59
12	KAMAREDDY	19	0	0:00	28	48:37	7	10:19	36	3:15	11	5:00	82	67:11
13	ADILABAD	14	0	0:00	3	10:09	2	2:41	0	0:00	2	0:41	7	13:31
14	NIRMAL	15	0	0:00	3	4:30	0	0:00	2	0:10	3	4:15	8	8:55
15	MANCHERIAL	13	0	0:00	2	2:30	0	0:00	1	0:14	8	13:33	11	16:17
16	KOMARAM BHEEM	13	0	0:00	1	3:30	0	0:00	0	0:00	2	3:46	3	7:16
<b>TOTAL</b>		<b>234</b>	<b>0</b>	<b>0:00</b>	<b>1887</b>	<b>2434:01</b>	<b>220</b>	<b>394:25</b>	<b>673</b>	<b>76:03</b>	<b>814</b>	<b>737:57</b>	<b>3594</b>	<b>3642:26</b>

**STATEMENT SHOWING THE CIRCLE-WISE CASES REPORTED DURING H1 OF FY 2021-22**

SNO	NAME OF THE CIRCLE	NO. OF CASES REPORTED		TOTAL	CASES REGISTERED CATEGORY-WISE					TOTAL	PROVISIONAL ASSESSMENT AMOUNT		TOTAL	REALISED ASSESSMENT AMOUNT		TOTAL	NO. OF CASES COMPOUNDED		TOTAL	NO. OF CASES COMPOUNDED CATEGORY-WISE					TOTAL	COMPOUNDING FEE COLLECTED	PERSONS ARRESTED
		OPERATION	DPE		I	II	III	V	OTHERS		OPERATION	DPE		OPERATION	DPE		OPERATION	DPE		I	II	III	V	Others			
1	WARANGAL	2499	1990	4489	4041	429	13	1	5	4489	5716385	12403046	18119431	2085880	2111518	4197398	2222	2648	4870	4440	416	9	0	5	4870	5337500	6
2	KARIMNAGAR	1291	1799	3090	2744	330	12	3	1	3090	1503255	7077781	8581036	785374	3437491	4222865	1577	1788	3365	3000	346	12	5	2	3365	3147500	4
3	KHAMMAM	2362	1308	3670	3514	142	11	0	3	3670	3640704	6278170	9918874	3307000	6049000	9356000	2405	1224	3629	3476	130	11	6	6	3629	2776500	3
4	NIZAMABAD	827	775	1602	1414	169	17	1	1	1602	1231591	4945919	6177510	1886000	2665000	4551000	1036	829	1865	1525	319	18	1	2	1865	2441500	0
5	ADILABAD	772	3476	4248	4019	227	1	0	1	4248	841203	10966238	11807441	473000	3397000	3870000	998	1691	2689	2505	182	1	0	1	2689	2727500	0
TOTAL		7751	9348	17099	15732	1297	54	5	11	17099	12933138	41671154	54604292	8537254	17660009	26197263	8238	8180	16418	14946	1393	51	12	16	16418	16430500	13



**APPENDIX – C**  
**RETAIL SUPPLY BUSINESS FILING**  
**FORMATS**

<b>Company Name</b>	<b>TSNPDCCL</b>
<b>Filing Date (dd/mm/yy)</b>	<b>30.11.2021</b>
<b>Multi Year Tariff Period</b>	<b>FY 2019-20 TO FY 2023-24</b>
<b>Year</b>	<b>FY 2022-23</b>
<b>Commission' s Regulations</b>	<b>Reg-4/2005</b>
<b>Business type</b>	<b>Retail Supply of Electricity</b>

<b>S. No.</b>	<b>Title</b>	<b>Form No.</b>
1	Aggregate Revenue Requirement for Retail Supply Business	<a href="#">Form 1</a>
2	Transmission Cost	<a href="#">Form 1.1</a>
3	SLDC Charges	<a href="#">Form 1.2</a>
4	Distribution Cost	<a href="#">Form 1.3</a>
5	Power Purchase and Procurement Cost (For Regulated Business)	<a href="#">Form 1.4</a>
6	NCE Generation (Base Year)	<a href="#">Form 1.4 (i)</a>
7	NCE Generation (Year 1)	<a href="#">Form 1.4(ii)</a>
8	NCE Generation (Year 2)	<a href="#">Form 1.4(iii)</a>
9	NCE Generation (Year 3)	<a href="#">Form 1.4(iv)</a>
10	NCE Generation (Year 4)	<a href="#">Form 1.4(v)</a>
11	NCE Generation (Year 5)	<a href="#">Form 1.4(vi)</a>
12	Power Purchase and Procurement Cost (For Non-regulated Business)	<a href="#">Form 1.4a</a>
13	Sales to Licensees	<a href="#">Form 1.4b</a>
14	Discom-Discom Purchases	<a href="#">Form 1.4c</a>
15	Interest on Consumer Security Deposits	<a href="#">Form 1.5</a>
16	Supply Margin	<a href="#">Form 1.6</a>
17	Other Costs	<a href="#">Form 1.7</a>
18	New consumer categories	<a href="#">Form A</a>
19	Cost of Service: Embedded Cost Method	<a href="#">Form 2</a>
20	Sales Forecast	<a href="#">Form 3</a>
21	Power Purchase Requirement	<a href="#">Form 4</a>
22	Energy Losses (Distribution System)	<a href="#">Form 4a</a>
23	Transmission Losses	<a href="#">Form 4b</a>
24	Energy Availability	<a href="#">Form 4.1</a>
25	Energy Dispatch	<a href="#">Form 4.2</a>
26	Revenue from Current Tariffs	<a href="#">Form 5</a>
27	Incentives at current Tariffs	<a href="#">Form 5a</a>
28	Consumers switching to competition	<a href="#">Form 5b</a>
29	Consumers served under Open Access as per Section 42 and Section 49 of E Act	<a href="#">Form 5c</a>
30	Non-tariff Income at current charges	<a href="#">Form 6</a>
31	Total Revenue at Current tariff and Charges	<a href="#">Form 7</a>
32	Revenue Deficit/Surplus at current tariff and charges	<a href="#">Form 8</a>
33	Revenue Deficit/Surplus and Proposed Adjustments	<a href="#">Form 9</a>
34	Revenue from Proposed Tariffs	<a href="#">Form 10</a>
35	Incentives at Proposed Tariffs	<a href="#">Form 10a</a>
36	Non-tariff Income at proposed charges	<a href="#">Form 11</a>
37	Total Revenue at Proposed Tariff and Charges	<a href="#">Form 12</a>
38	Cost and Revenue	<a href="#">Form 13</a>

**Notes:**

1)	<b>Base Year</b>	Base Year for the 4th control period FY20-24 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)	<b>Filings 2021-22, Licensees shall provide</b>	Full projections for FY2021-22 Estimates for FY2020-21 based on actuals for first half of the year Actuals for FY2019-20															
3)	<b>Regulated Business:</b>	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.															
	<b>Non-regulated Business:</b>	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)	<b>Direct Non-Tariff Income:</b>	Non-Tariff income which is directly identifiable with a consumer category.															
	<b>Apportioned Non-Tariff Income:</b>	Non-Tariff income which is not directly identifiable with a consumer category. It shall be appropriately apportioned across various consumer categories.															
5)	<b>New Categories</b>	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)	<b>Phasing of Open Access as per Regulation 2 of 2005 of APERC</b>																
	<b>Eligibility Criteria for Open Access</b>																
	<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)	<b>Terminology for Open Access Status</b>																
	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)

Revenue Requirement Item (Rs. Crs.)	Details link	For Control Period						
		Base Year	2019-20	2020-21	2021-22	2022-23	2023-24	
1	Transmission Cost	Form 1.1	448.51	448.90	688.49	847.56	1,005.43	0.00
2	SLDC Cost	Form 1.2	10.99	11.02	14.56	15.05	13.23	0.00
3	Distribution Cost	Form 1.3	2,261.48	2,168.42	2,437.06	3,138.52	3,601.25	0.00
4	PGCIL Expenses		463.60	596.06	452.26	451.10	484.45	
5	ULDC Charges		0.83	10.06	17.44			
6	<b>Network and SLDC Cost (1+2+3+4+5)</b>		<b>3,185.40</b>	<b>3,234.45</b>	<b>3,609.81</b>	<b>4,452.23</b>	<b>5,104.37</b>	<b>0.00</b>
7	Power Purchase / Procurement Cost	Form 1.4	9,631.34	9,857.48	9,845.79	10,553.06	13,003.88	0.00
8	Interest on Consumer Security Deposits	Form 1.5	52.71	60.73	42.66	47.10	49.08	0.00
9	Supply Margin in Retail Supply Business	Form 1.6	11.20	13.05	14.74	21.36	26.04	0.00
10	Other Costs, if any	Form 1.7	0.00	2.24	0.00	0.00	0.00	0.00
11	<b>Supply Cost (7+8+9+10)</b>		<b>9,695.25</b>	<b>9,933.50</b>	<b>9,903.19</b>	<b>10,621.53</b>	<b>13,079.00</b>	<b>0.00</b>
12	<b>Aggregate Revenue Requirement (6+11)</b>		<b>12,880.65</b>	<b>13,167.95</b>	<b>13,513.00</b>	<b>15,073.75</b>	<b>18,183.37</b>	<b>0.00</b>

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									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.)	
TSTRANSCO	4057.68	73.12	356.06	1053.58	73.12	92.45							
<b>Total</b>	4057.68		356.06	1053.58		92.45	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									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.)	
TSTRANSCO													
<b>Total</b>	0.00		0.00	0.00		0.00	0.00		0.00	0.00		0.00	

<b>Total Long term + Short term Contracts ((A) + (B))</b>	4057.68		356.06	1053.58		92.45	0.00		0.00	0.00		0.00	
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**(A) Long Term and Firm Contracts**

Name of Transmission service provider	Load not eligible for Open Access			Open Access									Remarks
				Load Eligible for Open Access			Avalied (within area of supply)			Avalied ( 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	2486.74	73.12	218.61	2624.53	73.12	230.30							
<b>Total</b>	2486.74		218.61	2624.53		230.30	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									Remarks
				Load Eligible for Open Access			Avalied (within area of supply)			Avalied ( 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													
<b>Total</b>	0.00		0.00	0.00		0.00	0.00		0.00	0.00		0.00	
<b>Total Long term + Short term Contracts ((A) + (B))</b>	2486.74		218.61	2624.53		230.30	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									Remarks
				Load Eligible for Open Access			Avalied (within area of supply)			Avalied ( 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	2829.85	105.19	357.21	2624.53	105.19	331.29							
<b>Total</b>	2829.85		357.21	2624.53		331.29	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									Remarks
				Load Eligible for Open Access			Avalied (within area of supply)			Avalied ( 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													
<b>Total</b>	0.00		0.00	0.00		0.00	0.00		0.00	0.00		0.00	
<b>Total Long term + Short term Contracts ((A) + (B))</b>	2829.85		357.21	2624.53		331.29	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									Remarks
				Load Eligible for Open Access			Avalied (within area of supply)			Avalied ( 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	3699.81	111.68	495.83	2624.53	111.68	351.73							
<b>Total</b>	3699.81		495.83	2624.53		351.73	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									Remarks
				Load Eligible for Open Access			Avalied (within area of supply)			Avalied ( 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													
<b>Total</b>	0.00		0.00	0.00		0.00	0.00		0.00	0.00		0.00	
<b>Total Long term + Short term Contracts ((A) + (B))</b>	3699.81		495.83	2624.53		351.73	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									Remarks
				Load Eligible for Open Access			Avalied (within area of supply)			Avalied ( 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	3522.06	129.45	547.12	2950.40	129.45	458.32							
<b>Total</b>	3522.06		547.12	2950.40		458.32	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									Remarks
				Load Eligible for Open Access			Avalied (within area of supply)			Avalied ( 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													
<b>Total</b>	0.00		0.00	0.00		0.00	0.00		0.00	0.00		0.00	
<b>Total Long term + Short term Contracts ((A) + (B))</b>	3522.06		547.12	2950.40		458.32	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	4057.68	3578.01	1.45	4057.68	1492.87	7.27	8.72	
Open Access								
Load Eligible for Open Access	1053.58	3578.01	0.38	1053.58	1492.87	1.89	2.26	
Availed (within area of supply)			0.00			0.00	0.00	
Availed ( Outside Area of supply)			0.00			0.00	0.00	

## Year 1

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	2486.74	3578.01	0.89	2486.74	1492.87	4.48	5.37	
Open Access								
Load Eligible for Open Access	2624.53	3578.01	0.94	2624.53	1492.87	4.70	5.64	
Availed (within area of supply)			0.00			0.00	0.00	
Availed ( Outside Area of supply)			0.00			0.00	0.00	

## Year 2

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	3127.90	2513.70	0.79	3127.90	1899.31	7.13	7.92	
Open Access								
Load Eligible for Open Access	2624.53	2513.70	0.66	2624.53	1899.31	5.98	6.64	
Availed (within area of supply)			0.00			0.00	0.00	
Availed ( Outside Area of supply)			0.00			0.00	0.00	

## Year 3

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	3997.86	2706.21	1.08	3997.86	1668.69	8.01	9.09	
Open Access								
Load Eligible for Open Access	2624.53	2706.21	0.71	2624.53	1668.69	5.26	5.97	
Availed (within area of supply)			0.00			0.00	0.00	
Availed ( Outside Area of supply)			0.00			0.00	0.00	

## Year 4

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	3806.11	2824.46	1.08	3806.11	1396.97	6.38	7.46	
Open Access								
Load Eligible for Open Access	2950.40	2824.46	0.83	2950.40	1396.97	4.95	5.78	
Availed (within area of supply)			0.00			0.00	0.00	
Availed ( Outside Area of supply)			0.00			0.00	0.00	

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 NPDCL ( 33 KV)				134.37	71.84	11.58			0.00				
TS NPDCL ( 11 KV)				34.27	718.89	29.56			0.00				
TSNPDCL LT					1426.36	0.00			0.00				
Total ( Non Eligible OA Cost)			1879.33										
<b>Total</b>	0.00		1879.33	168.64		41.14	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.)	
<b>Total</b>	0.00		0.00	0.00		0.00	0.00		0.00	0.00		0.00	
<b>Total Long term + Short term Contracts ((A) + (B))</b>	0.00		1879.33	168.64		41.14	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.)	
TS NPDCL ( 33 KV)				219.67	45.75	12.06							
TS NPDCL ( 11 KV)				33.82	462.66	18.77							
TSNPDCL LT					1004.48	0.00							
Total ( Non Eligible OA Cost)			2137.58										
<b>Total</b>	0.00		2137.58	253.49		30.83	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.)	
<b>Total</b>	0.00		0.00	0.00		0.00	0.00		0.00	0.00		0.00	
<b>Total Long term + Short term Contracts ((A) + (B))</b>	0.00		2137.58	253.49		30.83	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			Avalied (within area of supply)			Avalied ( 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 NPDCL ( 33 KV)				208.54	48.81	12.21							
TS NPDCL ( 11 KV)				36.83	497.60	21.99							
TSNPDCL LT					1077.47								
Total ( Non Eligible OA Cost)			2402.86										
<b>Total</b>	0.00		2402.86	245.37		34.21	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			Avalied (within area of supply)			Avalied ( 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.)	
<b>Total</b>	0.00		0.00	0.00		0.00	0.00		0.00	0.00		0.00	
<b>Total Long term + Short term Contracts ((A) + (B))</b>	0.00		2402.86	245.37		34.21	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			Avalied (within area of supply)			Avalied ( 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 NPDCL ( 33 KV)				208.54	54.69	13.69							
TS NPDCL ( 11 KV)				36.83	553.19	24.45							
TSNPDCL LT					1188.22								
Total ( Non Eligible OA Cost)			3100.38										
<b>Total</b>	0.00		3100.38	245.37		38.13	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			Avalied (within area of supply)			Avalied ( 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.)	
<b>Total</b>	0.00		0.00	0.00		0.00	0.00		0.00	0.00		0.00	
<b>Total Long term + Short term Contracts ((A) + (B))</b>	0.00		3100.38	245.37		38.13	0.00		0.00	0.00		0.00	

2022-23

**(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 NPDCL ( 33 KV)				208.54	61.28	15.34							
TS NPDCL ( 11 KV)				36.83	637.80	28.19							
TSNPDCL LT					1308.42								
Total ( Non Eligible OA Cost)			3557.73										
<b>Total</b>	0.00		3557.73	245.37		43.52	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.)	
												3601.25	
<b>Total</b>	0.00		0.00	0.00		0.00	0.00		0.00	0.00		3601.25	
<b>Total Long term + Short term Contracts ((A) + (B))</b>	0.00		3557.73	245.37		43.52	0.00		0.00	0.00		3601.25	

Form 1.4 Power Purchase and Procurement Cost (For Regulated Business<sup>1</sup>)

<sup>1</sup>Refer to Notes for the definition

Base Year																				Remarks		
Generating Station	D Link	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			
(MW)	(%)	(MW)																				
<b>TSGENCO</b>																						
<b>Thermal</b>																						
VTPS I						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		
VTPS III						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		
RTPP I						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		
RTPP Stage-III						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		
KTPS B						0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
KTPS C						938.37	938.37	118.15	300.25	0.00	0.00	0.00	418.41	1.26	0.00	0.00	0.00	0.00	3.20	4.46		
KTPS D						1004.59	1004.59	81.27	283.47	0.00	0.00	0.00	364.74	0.81	0.00	0.00	0.00	0.00	2.82	3.63		
KTPS Stage VI						1047.17	1047.17	145.56	327.56	0.00	0.00	0.00	473.11	1.39	0.00	0.00	0.00	0.00	3.13	4.52		
RTS B						108.83	108.83	15.71	32.03	0.00	0.00	0.00	47.74	1.44	0.00	0.00	0.00	0.00	2.94	4.39		
Kakatiya Thermal Power Plant Stage I						1083.96	1083.96	150.40	362.58	0.00	0.00	0.00	512.98	1.39	0.00	0.00	0.00	0.00	3.34	4.73		
Kakatiya Thermal Power Plant Stage II						1072.15	1072.15	182.66	313.52	0.00	0.00	0.00	496.17	1.70	0.00	0.00	0.00	0.00	2.92	4.63		
KTPS VII						552.54	552.54	95.33	134.96	0.00	0.00	0.00	230.30	1.73	0.00	0.00	0.00	0.00	2.44	4.17		
BTPS (Manuguru New Project)						0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
Interest on Pension bonds						0.00	0.00	201.54	0.00	0.00	0.00	201.54	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
Thermal incentive 18-19/ROCE True up						0.00	0.00	0.00	0.00	0.00	0.00	7.92	7.92	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
Adv Income Tax 2018-19						0.00	0.00	0.00	0.00	0.00	7.61	7.61	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
<b>TOTAL THERMAL</b>						<b>0.00</b>	<b>0.00</b>	<b>5807.61</b>	<b>5807.61</b>	<b>990.62</b>	<b>1754.37</b>	<b>0.00</b>	<b>7.61</b>	<b>7.92</b>	<b>2760.52</b>	<b>1.71</b>	<b>0.00</b>	<b>0.01</b>	<b>0.01</b>	<b>3.02</b>	<b>4.75</b>	
MACHKUND PH AP Share						0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
TUNGBHADRA PH AP Share						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		
LSR						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		
SSLM						0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
NSPH						112.27	112.27	51.00	0.00	0.00	0.00	51.00	4.54	0.00	0.00	0.00	0.00	0.00	0.00	4.54		
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 Stg-1						7.22	7.22	2.32	0.00	0.00	0.00	2.32	3.22	0.00	0.00	0.00	0.00	0.00	0.00	3.22		
NIZAMSAGAR PH						1.63	1.63	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
Small Hydel (pochampadu PH,singur)						1.87	1.87	9.72	0.00	0.00	0.00	9.72	52.09	0.00	0.00	0.00	0.00	0.00	0.00	52.09		
MINI HYDRO&OTHERS						0.33	0.33	2.01	0.00	0.00	0.00	2.01	60.72	0.00	0.00	0.00	0.00	0.00	0.00	60.72		
SINGUR						0.00	0.00	0.00	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 LCPH						287.79	287.79	109.93	0.00	0.00	0.00	109.93	3.82	0.00	0.00	0.00	0.00	0.00	0.00	3.82		
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- 6						35.61	35.61	17.27	0.00	0.00	0.00	17.27	4.85	0.00	0.00	0.00	0.00	0.00	0.00	4.85		
Lower Jurala Hydro Electric Project						43.24	43.24	83.77	0.00	0.00	0.00	83.77	19.37	0.00	0.00	0.00	0.00	0.00	0.00	19.37		
PULICHINTAL						5.93	5.93	21.25	0.00	0.00	0.00	21.25	35.86	0.00	0.00	0.00	0.00	0.00	0.00	35.86		
FC Diff for NSLCPH						0.00	0.00	34.69	0.00	0.00	0.00	34.69	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
<b>TOTAL HYDRO</b>						<b>0.00</b>	<b>0.00</b>	<b>495.87</b>	<b>495.87</b>	<b>331.95</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>331.95</b>	<b>6.69</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>6.69</b>		
<b>TOTAL TSGENCO</b>						<b>0.00</b>	<b>0.00</b>	<b>6303.48</b>	<b>6303.48</b>	<b>1322.58</b>	<b>1754.37</b>	<b>0.00</b>	<b>7.61</b>	<b>7.92</b>	<b>3092.47</b>	<b>2.10</b>	<b>0.00</b>	<b>0.01</b>	<b>0.01</b>	<b>2.78</b>	<b>4.91</b>	
<b>Central Generating Stations</b>																						
<b>NTPC</b>																						
<b>NTPC (SR)</b>																						



NTPC (SR) I & II				673.92	673.92	55.22	179.91	0.00	0.00	0.00	235.13	0.82	0.00	0.00	0.00	2.67	3.49	
NTPC (SR) Stage III				167.28	167.28	14.54	41.21	0.00	0.00	0.00	55.75	0.87	0.00	0.00	0.00	2.46	3.33	
<b>Total NTPC(SR)</b>		<b>0.00</b>	<b>0.00</b>	<b>841.21</b>	<b>841.21</b>	<b>69.76</b>	<b>221.13</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>290.88</b>	<b>0.83</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>2.63</b>	<b>3.46</b>	
<b>NTPC (ER)</b>																		
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				416.28	416.28	34.94	70.82	0.00	0.00	0.00	105.76	0.84	0.00	0.00	0.00	1.70	2.54	
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
<b>Total NTPC(ER)</b>		<b>0.00</b>	<b>0.00</b>	<b>416.28</b>	<b>416.28</b>	<b>34.94</b>	<b>70.82</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>105.76</b>	<b>0.84</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>1.70</b>	<b>2.54</b>	
<b>Total NTPC</b>		<b>0.00</b>	<b>0.00</b>	<b>1257.49</b>	<b>1257.49</b>	<b>104.69</b>	<b>291.95</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>396.64</b>	<b>0.83</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>2.32</b>	<b>3.15</b>	
<b>NLC TS-II</b>																		
Stage-I				94.79	94.79	13.85	23.52	0.00	0.00	0.00	37.37	1.46	0.00	0.00	0.00	2.48	3.94	
Stage-II				172.89	172.89	11.81	44.14	0.00	0.00	0.00	55.95	0.68	0.00	0.00	0.00	2.55	3.24	
<b>Total NLC</b>		<b>0.00</b>	<b>0.00</b>	<b>267.68</b>	<b>267.68</b>	<b>25.66</b>	<b>67.66</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>93.32</b>	<b>0.96</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>2.53</b>	<b>3.49</b>	
<b>NPC</b>																		
NPC-MAPS				18.01	18.01	0.00	4.91	0.00	0.00	0.00	4.91	0.00	0.00	0.00	0.00	2.73	2.73	
NPC-Kudankulam				44.77	44.77	0.00	18.85	0.00	0.00	0.00	18.85	0.00	0.00	0.00	0.00	4.21	4.21	
NPC-Kaiga-I&II				317.84	317.84	0.00	120.95	0.00	0.00	0.00	120.95	0.00	0.00	0.00	0.00	3.81	3.81	
<b>Total NPC</b>		<b>0.00</b>	<b>0.00</b>	<b>380.62</b>	<b>380.62</b>	<b>0.00</b>	<b>144.71</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>144.71</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>3.80</b>	<b>3.80</b>	
<b>NTPC - Simhadri</b>																		
NTPC Simhadri Stage I				1002.76	1002.76	130.55	295.84	0.00	0.00	0.00	426.39	1.30	0.00	0.00	0.00	2.95	4.25	
NTPC Simhadri Stage II				355.47	355.47	79.09	108.88	0.00	0.00	0.00	187.97	2.22	0.00	0.00	0.00	3.06	5.29	
<b>Total NTPC- Simhadri</b>		<b>0.00</b>	<b>0.00</b>	<b>1358.23</b>	<b>1358.23</b>	<b>209.64</b>	<b>404.72</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>614.36</b>	<b>1.54</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>2.98</b>	<b>4.52</b>	
<b>CGS - New</b>																		
NSM-Coal Phase II				463.39	463.39	0.00	153.48	0.00	0.00	0.00	153.48	0.00	0.00	0.00	0.00	3.31	3.31	
NVVNL B.P-Coal				70.97	70.97	0.00	30.34	0.00	0.00	0.00	30.34	0.00	0.00	0.00	0.00	4.27	4.27	
NTPC KUDIGI I				258.97	258.97	78.09	99.12	0.00	0.00	0.00	177.21	3.02	0.00	0.00	0.00	3.83	6.84	
NTECL - VALLURU				138.24	138.24	39.11	52.61	0.00	0.00	0.00	91.72	2.83	0.00	0.00	0.00	3.81	6.63	
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	0.00
NLC Taminadu Power Ltd				210.50	210.50	58.31	66.53	0.00	0.00	0.00	124.84	2.77	0.00	0.00	0.00	3.16	5.93	
<b>TOTAL CGS</b>		<b>0.00</b>	<b>0.00</b>	<b>4406.10</b>	<b>4406.10</b>	<b>515.51</b>	<b>1311.12</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>1826.63</b>	<b>1.17</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>2.98</b>	<b>4.15</b>	
<b>APGPCL</b>																		
APGPCL I - Allocated capacity				5.73	5.73	0.43	1.78	0.00	0.00	0.00	2.21	0.74	0.00	0.00	0.00	3.11	3.86	
APGPCL I - Unutilised capacity				0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
APGPCL II - Allocated capacity				16.45	16.45	0.74	4.64	0.00	0.00	0.00	5.38	0.45	0.00	0.00	0.00	2.82	3.27	
APGPCL II - Unutilised capacity				0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>Total APGPCL</b>		<b>0.00</b>	<b>0.00</b>	<b>22.18</b>	<b>22.18</b>	<b>1.16</b>	<b>6.42</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>7.59</b>	<b>0.52</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>2.90</b>	<b>3.42</b>	
<b>IPPS</b>																		
GVK				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
Kondapalli (Naphtha)				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
BSES				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
Vemagiri				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
Konaseema				0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LANCO				0.00	0.00	0.17	0.00	0.00	0.00	0.00	0.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00
				0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>TOTAL IPPS</b>		<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.17</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.17</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>

<b>NCE</b>																	
NCE - Bio-Mass				109.89	109.89	0.00	69.73	0.00	0.00	0.00	69.73	0.00	0.00	0.00	0.00	6.35	6.35
NCE - Bagasse				35.63	35.63	0.00	13.54	0.00	0.00	0.00	13.54	0.00	0.00	0.00	0.00	3.80	3.80
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				39.72	39.72	0.00	25.35	0.00	0.00	0.00	25.35	0.00	0.00	0.00	0.00	6.38	6.38
NCE - Bundled Power NVVNL (solar) JNNM Ph 1				16.77	16.77	0.00	18.05	0.00	0.00	0.00	18.05	0.00	0.00	0.00	0.00	10.76	10.76
NCE - Mini Hydel				1.19	1.19	0.00	0.28	0.00	0.00	0.00	0.28	0.00	0.00	0.00	0.00	2.39	2.39
NCE - Bundled Power (Solar) (NTPC 400 MW)				241.80	241.80	0.00	114.26	0.00	0.00	0.00	114.26	0.00	0.00	0.00	0.00	4.73	4.73
NCE-Others				1656.98	1656.98	0.00	939.55	0.00	0.00	0.00	939.55	0.00	0.00	0.00	0.00	5.67	5.67
<b>TOTAL NCE</b>			<b>0.00</b>	<b>0.00</b>	<b>2101.98</b>	<b>2101.98</b>	<b>0.00</b>	<b>1180.75</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>1180.75</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>5.62</b>	<b>5.62</b>
<b>OTHERS</b>																	
Srivathsa				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
Vishakapatnam Steel Plant				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
Corporate Power (MT)				0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
KSK Mahanadi (MT)				0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hinduja				0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
Singareni 1&2				2394.92	2394.92	439.37	579.78	0.00	0.00	0.00	1019.15	1.83	0.00	0.00	0.00	2.42	4.26
CSPGCL				1569.40	1569.40	423.74	188.33	0.00	0.00	0.00	612.07	2.70	0.00	0.00	0.00	1.20	3.90
Thermal Power Tech Unit I 269.5 MW				560.17	560.17	97.42	117.55	0.00	0.00	0.00	214.97	1.74	0.00	0.00	0.00	2.10	3.84
Thermal Power Tech Unit II 570 MW				1088.22	1088.22	294.98	263.68	0.00	0.00	0.00	558.67	2.71	0.00	0.00	0.00	2.42	5.13
<b>TOTAL OTHERS</b>			<b>0.00</b>	<b>0.00</b>	<b>5612.72</b>	<b>5612.72</b>	<b>1255.52</b>	<b>1149.34</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>2404.86</b>	<b>2.24</b>	<b>0.00</b>	<b>0.00</b>	<b>2.05</b>	<b>4.28</b>
<b>MARKET</b>																	
PTC				0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
Other Cost (Reactive,Asset Maintenance & Wheeling)				0.00	0.00	18.99					18.99	0.00	0.00	0.00	0.00	0.00	0.00
UI				0.00	0.00	0.00	33.76	0.00	0.00	0.00	33.76	0.00	0.00	0.00	0.00	0.00	0.00
Other Short Term Sources				1894.76	1894.76	19.94	957.29	0.00	0.00	0.00	977.23	0.11	0.00	0.00	0.00	5.05	5.16
IBSS 2018-19				850.18	850.18	0.00	340.77	0.00	0.00	0.00	340.77	0.00	0.00	0.00	0.00	4.01	4.01
Interstate/D to D Sales				-1149.79	-1149.79	0.00	-365.87	0.00	0.00	0.00	-365.87	0.00	0.00	0.00	0.00	3.18	3.18
STOA				0.00	0.00	43.35	0.00	0.00	0.00	0.00	43.35	0.00	0.00	0.00	0.00	0.00	0.00
STOA Prov 2018-19				0.00	0.00	2.63	0.00	0.00	0.00	0.00	2.63	0.00	0.00	0.00	0.00	0.00	0.00
Provision Reversal 2017-18				0.00	0.00	0.00	-17.16	0.00	0.00	0.00	-17.16	0.00	0.00	0.00	0.00	0.00	0.00
provision for Addl.Int on PB				0.00	0.00	85.18	0.00	0.00	0.00	0.00	85.18	0.00	0.00	0.00	0.00	0.00	0.00
<b>TOTAL MARKET</b>			<b>0.00</b>	<b>0.00</b>	<b>1595.15</b>	<b>1595.15</b>	<b>170.10</b>	<b>948.78</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>1118.88</b>	<b>1.07</b>	<b>0.00</b>	<b>0.00</b>	<b>5.95</b>	<b>7.01</b>
<b>TOTAL (From All Sources)</b>			<b>0.00</b>	<b>0.00</b>	<b>20041.59</b>	<b>20041.59</b>	<b>3265.03</b>	<b>6350.78</b>	<b>0.00</b>	<b>7.61</b>	<b>7.92</b>	<b>9631.34</b>	<b>1.63</b>	<b>0.00</b>	<b>0.00</b>	<b>3.17</b>	<b>4.81</b>

- 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

Generating Station	D Link	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		
						let Availabili	Dispatch	Fixed	Variable	Incentive	Inc. Tax	Others	Total	Fixed	Inctv	Inc. Tax	Others		Variable	Total
			(MW)	(%)	(MW)															
<b>TSGENCO</b>																				
<b>Thermal</b>																				
KTPS A						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
KTPS C						597.12	597.12	97.93	197.23			295.16	1.64	0.00	0.00	0.00	0.00	3.30	4.94	
KTPS V (D)						945.75	945.75	84.51	261.40			345.91	0.89	0.00	0.00	0.00	0.00	2.76	3.66	
KTPS VI						998.95	998.95	153.49	272.11			425.60	1.54	0.00	0.00	0.00	0.00	2.72	4.26	
RTS-B						102.44	102.44	16.05	30.82			46.87	1.57	0.00	0.00	0.00	0.00	3.01	4.58	
Kakatiya Stage-I						857.20	857.20	152.80	258.30			411.10	1.78	0.00	0.00	0.00	0.00	3.01	4.80	
Kakatiya Stage-II						1249.37	1249.37	227.89	362.14			590.04	1.82	0.00	0.00	0.00	0.00	2.90	4.72	
KTPS Stage VII						998.42	998.42	121.86	254.46			376.32	1.22	0.00	0.00	0.00	0.00	2.55	3.77	
Interest on Pension bonds						0.00	0.00	430.55	-87.53			343.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
						0.00	0.00					0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
						0.00	0.00					0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
						0.00	0.00					0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>TOTAL THERMAL</b>			<b>0.00</b>		<b>0.00</b>	<b>5749.26</b>	<b>5749.26</b>	<b>1285.08</b>	<b>1548.94</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>2834.02</b>	<b>2.24</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>2.69</b>	<b>4.93</b>
MACHKUND PH AP Share						0.00	0.00					0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TUNGBHADRA PH AP Share						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
LSR						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
SSLM						0.00	0.00					0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NSPH						467.63	467.63	79.37				79.37	1.70	0.00	0.00	0.00	0.00	0.00	0.00	1.70
NSRCPH						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
POCHAMPAD stg-1						0.00	0.00					0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NIZAMSAGAR PH						0.35	0.35	0.00				0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Small Hydel (pochampadu PH,singur)						11.99	11.99	9.72				9.72	8.11	0.00	0.00	0.00	0.00	0.00	8.11	
MINI HYDEL (Palair&Peddapalli)						0.28	0.28	2.01				2.01	71.59	0.00	0.00	0.00	0.00	0.00	71.59	
SINGUR						0.00	0.00					0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SSLM LCPH						585.42	585.42	129.60				129.60	2.21	0.00	0.00	0.00	0.00	0.00	2.21	
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
Priyadarshini Jurala Hydro Electric Project-6						47.68	47.68	17.27				17.27	3.62	0.00	0.00	0.00	0.00	0.00	3.62	
Lower Jurala Hydro Electric Project						90.94	90.94	83.77				83.77	9.21	0.00	0.00	0.00	0.00	0.00	9.21	
Pulichintala						58.48	58.48	22.71	-0.47			22.25	3.88	0.00	0.00	0.00	0.00	-0.08	3.80	
Pochmpadu St.IV						1.96	1.96	2.32				2.32	11.86	0.00	0.00	0.00	0.00	0.00	11.86	
						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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>TOTAL HYDRO</b>			<b>0.00</b>		<b>0.00</b>	<b>1264.73</b>	<b>1264.73</b>	<b>346.77</b>	<b>-0.47</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>346.30</b>	<b>2.74</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>2.74</b>
<b>TOTAL TSGENCO</b>			<b>0.00</b>		<b>0.00</b>	<b>7013.99</b>	<b>7013.99</b>	<b>1631.85</b>	<b>1548.47</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>3180.32</b>	<b>2.33</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>2.21</b>	<b>4.53</b>
<b>Central Generating Stations</b>																				
<b>NTPC</b>																				
<b>NTPC (SR)</b>																				
NTPC (SR) I & II						598.05	598.05	47.77	151.02			198.79	0.80	0.00	0.00	0.00	0.00	2.53	3.32	
NTPC (SR) Stage III						157.80	157.80	12.72	41.34			54.06	0.81	0.00	0.00	0.00	0.00	2.62	3.43	
<b>Total NTPC(SR)</b>			<b>0.00</b>		<b>0.00</b>	<b>755.86</b>	<b>755.86</b>	<b>60.49</b>	<b>192.36</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>252.85</b>	<b>0.80</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>2.54</b>	<b>3.35</b>	

<b>NTPC (ER)</b>																	
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
NTPC(ER)-Kahalgaoon				0.00	0.00	0.00	0.00				0.00	0.00	0.00	0.00	0.00	0.00	0.00
NTPC - LPSC				0.00	0.00	51.77	1.72				53.49	0.00	0.00	0.00	0.00	0.00	0.00
NTPC-Talcher-ST II				404.73	404.73	31.77	82.25				114.02	0.78	0.00	0.00	0.00	2.03	2.82
NNTPS				10.01	10.01	1.71	2.30				4.01	1.71	0.00	0.00	0.00	2.30	4.01
<b>Total NTPC(ER)</b>			<b>0.00</b>	<b>0.00</b>	<b>414.74</b>	<b>414.74</b>	<b>85.25</b>	<b>86.27</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>171.52</b>	<b>2.06</b>	<b>0.00</b>	<b>0.00</b>	<b>2.08</b>	<b>4.14</b>
<b>Total NTPC</b>			<b>0.00</b>	<b>0.00</b>	<b>1170.60</b>	<b>1170.60</b>	<b>145.74</b>	<b>278.63</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>424.37</b>	<b>1.24</b>	<b>0.00</b>	<b>0.00</b>	<b>2.38</b>	<b>3.63</b>
<b>NLC TS-II</b>																	
Stage-I				107.66	107.66	7.41	29.24				36.65	0.69	0.00	0.00	0.00	2.72	3.40
Stage-II				184.48	184.48	15.77	50.18				65.95	0.86	0.00	0.00	0.00	2.72	3.57
<b>Total NLC</b>			<b>0.00</b>	<b>0.00</b>	<b>292.15</b>	<b>292.15</b>	<b>23.19</b>	<b>79.42</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>102.61</b>	<b>0.79</b>	<b>0.00</b>	<b>0.00</b>	<b>2.72</b>	<b>3.51</b>
<b>NPC</b>																	
NPC-MAPS				22.07	22.07	0.00	0.97				0.97	0.00	0.00	0.00	0.00	0.44	0.44
NPC-Kudankulam				52.62	52.62	0.00	22.18				22.18	0.00	0.00	0.00	0.00	4.21	4.21
NPC-Kaiga-I&II				319.51	319.51	0.00	82.99				82.99	0.00	0.00	0.00	0.00	2.60	2.60
<b>Total NPC</b>			<b>0.00</b>	<b>0.00</b>	<b>394.19</b>	<b>394.19</b>	<b>0.00</b>	<b>106.14</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>106.14</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>2.69</b>	<b>2.69</b>
<b>NTPC - Simhadri</b>																	
NTPC Simhadri Stage I				770.26	770.26	114.38	265.36				399.48	1.48	0.00	0.00	0.00	3.45	5.19
NTPC Simhadri Stage II				354.54	354.54	69.01	118.68				197.10	1.95	0.00	0.00	0.00	3.35	5.56
<b>Total NTPC- Simhadri</b>			<b>0.00</b>	<b>0.00</b>	<b>1124.80</b>	<b>1124.80</b>	<b>183.39</b>	<b>384.04</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>567.43</b>	<b>1.63</b>	<b>0.00</b>	<b>0.00</b>	<b>3.41</b>	<b>5.04</b>
<b>CGS - New</b>																	
NSM-Coal Phase II				405.83	405.83	0.00	171.64				171.64	0.00	0.00	0.00	0.00	4.23	4.23
NVVNL B.P-Coal				62.03	62.03	0.00	29.76				29.76	0.00	0.00	0.00	0.00	4.80	4.80
NTPC KUDIGI I				166.45	166.45	98.39	61.48				159.87	5.91	0.00	0.00	0.00	3.69	9.60
NTECL - VALLURU				126.73	126.73	40.98	56.31				97.30	3.23	0.00	0.00	0.00	4.44	7.68
NTPC ARAVALI POWER				0.00	0.00	1.57	0.00				1.57	0.00	0.00	0.00	0.00	0.00	0.00
NLC Tamilnadu Power Ltd				220.89	220.89	47.01	64.61				111.62	2.13	0.00	0.00	0.00	2.93	5.05
<b>TOTAL CGS</b>			<b>0.00</b>	<b>0.00</b>	<b>3963.66</b>	<b>3963.66</b>	<b>540.27</b>	<b>1232.03</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>1772.29</b>	<b>1.36</b>	<b>0.00</b>	<b>0.00</b>	<b>3.11</b>	<b>4.47</b>
<b>APGPCL</b>																	
APGPCL I - Allocated capacity				2.90	2.90	0.22	0.93				1.15	0.76	0.00	0.00	0.00	3.22	3.98
APGPCL I - Unutilised capacity				0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
APGPCL II - Allocated capacity				7.76	7.76	0.41	2.39				2.80	0.52	0.00	0.00	0.00	3.08	3.61
APGPCL II - Unutilised capacity				0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>Total APGPCL</b>			<b>0.00</b>	<b>0.00</b>	<b>10.66</b>	<b>10.66</b>	<b>0.63</b>	<b>3.33</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>3.95</b>	<b>0.59</b>	<b>0.00</b>	<b>0.00</b>	<b>3.12</b>	<b>3.71</b>
<b>IPPS</b>																	
Thermal Power Tech Unit I				1332.38	1332.38	324.26	323.79				648.05	2.43	0.00	0.00	0.00	2.43	4.86
Thermal Power Tech Unit II				669.45	669.45	101.53	205.01				306.54	1.52	0.00	0.00	0.00	3.06	4.58
<b>TOTAL IPPS</b>			<b>0.00</b>	<b>0.00</b>	<b>2001.83</b>	<b>2001.83</b>	<b>425.79</b>	<b>528.80</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>954.59</b>	<b>2.13</b>	<b>0.00</b>	<b>0.00</b>	<b>2.64</b>	<b>4.77</b>
<b>NCE</b>																	
NCE - Bio-Mass				92.57	92.57		58.51				58.51	0.00	0.00	0.00	0.00	6.32	6.32
NCE - Bagasse				25.13	25.13		7.27				7.27	0.00	0.00	0.00	0.00	2.89	2.89
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
NCE - Industrial Waste based power project				9.70	9.70		5.93				5.93	0.00	0.00	0.00	0.00	6.11	6.11
NCE - Mini Hydel				2.63	2.63		0.72				0.72	0.00	0.00	0.00	0.00	2.74	2.74
NCE - Solar				1605.49	1605.49		915.07				915.07	0.00	0.00	0.00	0.00	5.70	5.70
NCE - Bundled Power NVVNL (solar) JNNSM Ph 1				16.95	16.95	0.00	18.24				18.24	0.00	0.00	0.00	0.00	10.76	10.76
NCE - Bundled Power (Solar) (NTPC 400 MW)				233.83	233.83	0.00	112.42				112.42	0.00	0.00	0.00	0.00	4.81	4.81
<b>TOTAL NCE</b>			<b>0.00</b>	<b>0.00</b>	<b>1986.31</b>	<b>1986.31</b>	<b>0.00</b>	<b>1118.16</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>1118.16</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>5.63</b>	<b>5.63</b>

<b>OTHERS</b>																			
Singareni CCL I&II				2533.19	2533.19	448.46	711.91					1160.37	1.77	0.00	0.00	0.00	2.81	4.58	
CSPDCL				661.18	661.18	178.52	79.34					257.86	2.70	0.00	0.00	0.00	1.20	3.90	
				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	0.00	0.00	0.00	0.00	
<b>TOTAL OTHERS</b>				<b>0.00</b>	<b>0.00</b>	<b>3194.36</b>	<b>3194.36</b>	<b>626.98</b>	<b>791.25</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>1418.23</b>	<b>1.96</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>2.48</b>	<b>4.44</b>
<b>MARKET</b>																			
STOA				0.00	0.00	72.57	0.00					72.57	0.00	0.00	0.00	0.00	0.00	0.00	
FY 2018-19 Provision Reversals				0.00	0.00	-35.15						-35.15	0.00	0.00	0.00	0.00	0.00	0.00	
FY 2019-20 Provisions				0.00	0.00	19.57						19.57	0.00	0.00	0.00	0.00	0.00	0.00	
Other Provisions & others				0.00	0.00	-91.67						-91.67	0.00	0.00	0.00	0.00	0.00	0.00	
Other charges (Reactive,Wheeling KPTCL & TNEB)				0.00	0.00	2.26						2.26	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	0.00	0.00	
				0.00	0.00							0.00	0.00	0.00	0.00	0.00	0.00	0.00	
				0.00	0.00							0.00	0.00	0.00	0.00	0.00	0.00	0.00	
UI-SRPC/Deviation Charges				140.18	140.18	0.00	10.30					10.30	0.00	0.00	0.00	0.00	0.74	0.74	
Other Short Term Sources				1989.42	1989.42	25.15	738.97					764.12	0.13	0.00	0.00	0.00	3.71	3.84	
D-D Purchases/UI				2187.48	2187.48	0.00	1070.45					1070.45	0.00	0.00	0.00	0.00	4.89	4.89	
Interstate/D to D Sales/UI				-1050.55	-1050.55	0.00	-402.50					-402.50	0.00	0.00	0.00	0.00	3.83	3.83	
				0.00	0.00							0.00	0.00	0.00	0.00	0.00	0.00	0.00	
				0.00	0.00							0.00	0.00	0.00	0.00	0.00	0.00	0.00	
<b>TOTAL MARKET</b>				<b>0.00</b>	<b>0.00</b>	<b>3266.53</b>	<b>3266.53</b>	<b>-7.28</b>	<b>1417.22</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>1409.94</b>	<b>-0.02</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>4.34</b>	<b>4.32</b>
<b>TOTAL (From All Sources)</b>				<b>0.00</b>	<b>0.00</b>	<b>21437.33</b>	<b>21437.33</b>	<b>3218.23</b>	<b>6639.24</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>9857.48</b>	<b>1.50</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>3.10</b>	<b>4.60</b>

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)

Generating Station	D Link	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			
						let Availabili	Dispatch	Fixed	Variable	Incentive	Income Tax	Others	Total	Fixed	Incentives	Income Tax	Others	Variable		Total		
			(MW)	(%)	(MW)																	
<b>TSGENCO</b>																						
<b>Thermal</b>																						
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
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
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
KTPS D						719.70	719.70	80.93	191.21				272.15	1.12	0.00	0.00	0.00	0.00	2.66	3.78		
KTPS Stage VI						997.32	997.32	151.38	266.47				417.86	1.52	0.00	0.00	0.00	0.00	2.67	4.19		
RTS B						73.77	73.77	14.99	22.70				37.69	2.03	0.00	0.00	0.00	0.00	3.08	5.11		
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				5.98		692.85	692.85	156.29	179.73				336.02	2.26	0.00	0.00	0.00	0.00	2.59	4.85		
Kakatiya Thermal Power Plant Stage II						1081.79	1081.79	223.14	275.03				498.17	2.06	0.00	0.00	0.00	0.00	2.54	4.61		
BTPS (Manuguru New Project)						488.34	488.34	164.29	123.04				287.33	3.36	0.00	0.00	0.00	0.00	2.52	5.88		
KTPS VII						1717.91	1717.91	306.38	392.70				699.08	1.78	0.00	0.00	0.00	0.00	2.29	4.07		
Interest on Pension bonds						0.00	0.00	341.65	3.68				345.34	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Pulichintala-IV						0.00	0.00	4.93	0.00				4.93	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Thermal Incentive 2020-21						0.00	0.00	0.45					0.45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
						0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>TOTAL THERMAL</b>			<b>0.00</b>		<b>0.00</b>	<b>5771.69</b>	<b>5771.69</b>	<b>1444.44</b>	<b>1454.58</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>2899.01</b>	<b>2.50</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>2.52</b>	<b>5.02</b>		
MACHKUND PH AP 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
TUNGBHADRA PH AP 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
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
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
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
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
NSPH						391.47	391.47	78.31					78.31	2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.00
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
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
POCHAMPAD stg-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
NIZAMSAGAR PH						2.55	2.55						0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Small Hydel (pochampadu PH,singur)						25.81	25.81	9.72					9.72	3.76	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.76
MINI HYDEL (Palair&Peddapalli)						0.33	0.33	2.01					2.01	61.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	61.09
SINGUR						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 LCPH						359.31	359.31	101.69					101.69	2.83	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.83
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
Priyadarshini Jurala Hydro Electric Project-6						52.60	52.60	16.82					16.82	3.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.20
Lower Jurala Hydro Electric Project						115.13	115.13	83.77					83.77	7.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.28
Pulichintala						58.15	58.15	23.79					23.79	4.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.09
Pochmpadu SLIV						3.03	3.03	2.32					2.32	7.68	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.68
						0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
						0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
						0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>TOTAL HYDRO</b>			<b>0.00</b>		<b>0.00</b>	<b>1008.37</b>	<b>1008.37</b>	<b>318.44</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>318.44</b>	<b>3.16</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>3.16</b>
<b>TOTAL TSGENCO</b>			<b>0.00</b>		<b>0.00</b>	<b>6780.06</b>	<b>6780.06</b>	<b>1762.87</b>	<b>1454.58</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>3217.45</b>	<b>2.60</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>2.15</b>	<b>4.75</b>		
<b>Central Generating Stations</b>																						
<b>NTPC</b>																						
<b>NTPC (SR)</b>																						
NTPC (SR)I&II						625.79	625.79	47.64	151.60				199.25	0.76	0.00	0.00	0.00	0.00	2.42	3.18		
NTPC (SR) Stage III						147.61	147.61	11.95	35.11				47.06	0.81	0.00	0.00	0.00	0.00	2.38	3.19		
<b>Total NTPC(SR)</b>			<b>0.00</b>		<b>0.00</b>	<b>773.41</b>	<b>773.41</b>	<b>59.59</b>	<b>186.71</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>246.30</b>	<b>0.77</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>2.41</b>	<b>3.18</b>		

<b>NTPC (ER)</b>																	
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
NTPC(ER)-Kahalgaoon				0.00	0.00	0.00	0.00				0.00	0.00	0.00	0.00	0.00	0.00	0.00
NTPC - LPSC				0.00	0.00	0.00	0.00				0.00	0.00	0.00	0.00	0.00	0.00	0.00
NTPC-Talcher-ST II				443.05	443.05	32.53	86.31				118.84	0.73	0.00	0.00	0.00	1.95	2.68
Others				0.00	0.00	0.00	0.00				0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>Total NTPC(ER)</b>			0.00	0.00	443.05	443.05	32.53	86.31	0.00	0.00	0.00	118.84	0.73	0.00	0.00	1.95	2.68
<b>Total NTPC</b>			0.00	0.00	1216.46	1216.46	92.12	273.02	0.00	0.00	0.00	365.14	0.76	0.00	0.00	2.24	3.00
<b>NLC TS-II</b>																	
Stage-I				86.85	86.85	6.45	23.68				30.13	0.74	0.00	0.00	0.00	2.73	3.47
Stage-II				92.71	92.71	8.13	25.16				33.29	0.88	0.00	0.00	0.00	2.71	3.59
<b>Total NLC</b>			0.00	0.00	179.56	179.56	14.58	48.84	0.00	0.00	0.00	63.42	0.81	0.00	0.00	2.72	3.53
<b>NPC</b>																	
NPC-MAPS				20.49	20.49	0.00	5.32				5.32	0.00	0.00	0.00	0.00	2.59	2.59
NPC-Kudankulam				86.68	86.68	0.00	35.89				35.89	0.00	0.00	0.00	0.00	4.14	4.14
NPC-Kaiga-I&II				309.82	309.82	0.00	106.81				106.81	0.00	0.00	0.00	0.00	3.45	3.45
<b>Total NPC</b>			0.00	0.00	416.99	416.99	0.00	148.02	0.00	0.00	0.00	148.02	0.00	0.00	0.00	3.55	3.55
<b>NTPC - Simhadri</b>																	
NTPC Simhadri Stage I				472.36	472.36	118.80	155.51				274.31	2.52	0.00	0.00	0.00	3.29	5.81
NTPC Simhadri Stage II				321.73	321.73	71.58	99.75				171.33	2.23	0.00	0.00	0.00	3.10	5.33
<b>Total NTPC- Simhadri</b>			0.00	0.00	794.09	794.09	190.39	255.26	0.00	0.00	0.00	445.65	2.40	0.00	0.00	3.21	5.61
<b>CGS - New</b>																	
NTPC KUDIGI I				158.57	158.57	88.83	49.16				137.98	5.60	0.00	0.00	0.00	3.10	8.70
NTECL - VALLURU				64.09	64.09	38.40	23.72				62.12	5.99	0.00	0.00	0.00	3.70	9.69
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
NLC Tamilnadu Power Ltd				237.42	237.42	50.01	67.76				117.77	2.11	0.00	0.00	0.00	2.85	4.96
NNTPS				55.91	55.91	10.16	12.92				23.09	1.82	0.00	0.00	0.00	2.31	4.13
				0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>TOTAL CGS</b>			0.00	0.00	3123.09	3123.09	484.49	878.69	0.00	0.00	0.00	1363.19	1.55	0.00	0.00	2.81	4.36
<b>APGPCL</b>																	
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
APGPCL I - Unutilised capacity				0.00	0.00						0.00	0.00	0.00	0.00	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
APGPCL II - Unutilised capacity				0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>Total APGPCL</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
<b>IPPS</b>																	
Thermal Power Tech Unit I				1238.83	1238.83	310.85	263.25				574.10	2.51	0.00	0.00	0.00	2.12	4.63
Thermal Power Tech Unit II				553.30	553.30	111.42	129.09				240.51	2.01	0.00	0.00	0.00	2.33	4.35
<b>TOTAL IPPS</b>			0.00	0.00	1792.13	1792.13	422.27	392.34	0.00	0.00	0.00	814.60	2.36	0.00	0.00	2.19	4.55
<b>NCE</b>																	
NCE - Bio-Mass				103.40	103.40		72.99				72.99	0.00	0.00	0.00	0.00	7.06	7.06
NCE - Bagasse				18.56	18.56		7.02				7.02	0.00	0.00	0.00	0.00	3.78	3.78
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
NCE - Industrial Waste based power project				34.60	34.60		22.74				22.74	0.00	0.00	0.00	0.00	6.57	6.57
NCE - Mini Hydel				1.74	1.74		0.50				0.50	0.00	0.00	0.00	0.00	2.85	2.85
NCE - Solar				1627.87	1627.87		920.32				920.32	0.00	0.00	0.00	0.00	5.65	5.65
NCE - Bundled Power NVVNL (solar) JNNSM Ph 1				15.25	15.25		16.38				16.38	0.00	0.00	0.00	0.00	10.74	10.74
NCE - Bundled Power (Solar) (NTPC 400 MW)				240.03	240.03		115.44				115.44	0.00	0.00	0.00	0.00	4.81	4.81
<b>TOTAL NCE</b>			0.00	0.00	2041.45	2041.45	0.00	1155.39	0.00	0.00	0.00	1155.39	0.00	0.00	0.00	5.66	5.66

<b>OTHERS</b>																			
Singareni CCL I&II				2024.59	2024.59	433.23	515.72				948.95	2.14	0.00	0.00	0.00	2.55	4.69		
CSPDCL				964.58	964.58	261.80	115.75				377.55	2.71	0.00	0.00	0.00	1.20	3.91		
NCE-Bundled Power (NVVNL) coal				340.51	340.51	0.00	127.69				127.69	0.00	0.00	0.00	0.00	3.75	3.75		
NCE - Bundled Power (Coal) ( NTPC 200 MW)				60.00	60.00	0.00	26.77				26.77	0.00	0.00	0.00	0.00	4.46	4.46		
<b>TOTAL OTHERS</b>			<b>0.00</b>	<b>0.00</b>	<b>3389.68</b>	<b>3389.68</b>	<b>695.03</b>	<b>785.94</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>1480.96</b>	<b>2.05</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>2.32</b>	<b>4.37</b>	
<b>MARKET</b>																			
				0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UI-SRPC/Deviation Charges				154.20	154.20		10.12				10.12	0.00	0.00	0.00	0.00	0.66	0.66		
Other Short Term Sources				2642.45	2642.45	123.60	889.40				1013.00	0.47	0.00	0.00	0.00	3.37	3.83		
D-D Purchases/UI				2460.80	2460.80		846.42				846.42	0.00	0.00	0.00	0.00	3.44	3.44		
Interstate/D to D Sales/UI				-755.01	-755.01		-118.99				-118.99	0.00	0.00	0.00	0.00	1.58	1.58		
PTC				0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
POSOCO (STOA & RRAS)				0.00	0.00		-21.62				-21.62	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
RECEIVABLE FROM TSTRANSCO TOWARDS LIS FUNDS				0.00	0.00		-109.42				-109.42	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
POC AND OPERATION CARGES				0.00	0.00	0.54					0.54	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LPSC				0.00	0.00		169.02				169.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
STOA				0.00	0.00	26.09					26.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FY 2019-20 Provision Reversals				0.00	0.00		-19.57				-19.57	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FY 2020-21 Provisions				0.00	0.00		23.44				23.44	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Other Provisions & (SCCL, BP Solar & POSOCO)				0.00	0.00		-8.93				-8.93	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Other charges (Reactive, Wheeling KPTCL & TNEB)				0.00	0.00	4.10					4.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>TOTAL MARKET</b>			<b>0.00</b>	<b>0.00</b>	<b>4502.43</b>	<b>4502.43</b>	<b>23.28</b>	<b>1790.92</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>1814.20</b>	<b>0.05</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>3.98</b>	<b>4.03</b>	
<b>TOTAL (From All Sources)</b>			<b>0.00</b>	<b>0.00</b>	<b>21628.85</b>	<b>21628.85</b>	<b>3387.94</b>	<b>6457.85</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>9845.79</b>	<b>1.57</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>2.99</b>	<b>4.55</b>	

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 TSGENCO Hydro (Combined)



Generating Station	D Link	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		
						let Availabili	Dispatch	Fixed	Variable	Incentive	Income Tax	Others	Total	Fixed	Incentives	Income Tax	Others	Variable		Total	
			(MW)	(%)	(MW)																
<b>TSGENCO</b>																					
<b>Thermal</b>																					
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
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
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
KTPS D						832.48	668.46	111.96	197.70				309.66	1.67	0.00	0.00	0.00	0.00	2.96	4.63	
KTPS Stage VI						922.40	740.45	160.07	224.97				385.04	2.16	0.00	0.00	0.00	0.00	3.04	5.20	
RTS B						84.53	62.66	29.65	22.24				51.88	4.73	0.00	0.00	0.00	0.00	3.55	8.28	
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
Kakatiya Thermal Power Plant Stage I						941.16	686.61	148.79	210.90				359.68	2.17	0.00	0.00	0.00	0.00	3.07	5.24	
Kakatiya Thermal Power Plant Stage II						986.72	873.67	245.05	268.21				513.26	2.80	0.00	0.00	0.00	0.00	3.07	5.87	
BTPS (Manuguru New Project) - Unit 1						476.90	476.90	130.93	132.63				263.55	2.75	0.00	0.00	0.00	0.00	2.78	5.53	
BTPS (Manuguru New Project) - Unit 2						476.90	476.90	130.93	132.63				263.56	2.75	0.00	0.00	0.00	0.00	2.78	5.53	
BTPS (Manuguru New Project) - Unit 3						476.90	476.90	130.93	132.63				263.56	2.75	0.00	0.00	0.00	0.00	2.78	5.53	
BTPS (Manuguru New Project) - Unit 4						133.58	133.58	32.73	37.30				70.03	2.45	0.00	0.00	0.00	0.00	2.79	5.24	
KTPS VII						1617.90	1617.90	281.95	443.35				725.30	1.74	0.00	0.00	0.00	0.00	2.74	4.48	
Provisions						0.00	0.00						29.45						0.00	0.00	
<b>TOTAL THERMAL</b>			<b>0.00</b>		<b>0.00</b>	<b>6949.46</b>	<b>6214.01</b>	<b>1402.97</b>	<b>1802.55</b>	<b>0.00</b>	<b>0.00</b>	<b>29.45</b>	<b>3234.98</b>	<b>2.26</b>	<b>0.00</b>	<b>0.00</b>	<b>0.05</b>	<b>2.90</b>	<b>5.21</b>		
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
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
USL						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
DONKARAYI						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
NSPH						584.27	584.27	73.93					73.93	1.27	0.00	0.00	0.00	0.00	0.00	0.00	1.27
NSRCPH						0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NSLCPH						41.67	41.67	5.44					5.44	1.31	0.00	0.00	0.00	0.00	0.00	0.00	1.31
POCHAMPAD PH						17.31	17.31	5.04					5.04	2.91	0.00	0.00	0.00	0.00	0.00	0.00	2.91
NIZAMSAGAR PH						6.55	6.55	1.87					1.87	2.85	0.00	0.00	0.00	0.00	0.00	0.00	2.85
PABM						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
SINGUR						6.30	6.30	2.80					2.80	4.44	0.00	0.00	0.00	0.00	0.00	0.00	4.44
SSLM LCPH						514.97	514.97	129.60					129.60	2.52	0.00	0.00	0.00	0.00	0.00	0.00	2.52
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
Priyadarshini Jurala Hydro Electric Project-TS Share						81.82	81.82	17.27					17.27	2.11	0.00	0.00	0.00	0.00	0.00	0.00	2.11
Lower Jurala Hydro Electric Project						107.87	107.87	83.77					83.77	7.77	0.00	0.00	0.00	0.00	0.00	0.00	7.77
POCHAMPAD Stage-II						11.83	11.83	2.32					2.32	1.96	0.00	0.00	0.00	0.00	0.00	0.00	1.96
PULICHINTAL(New Project)						74.85	74.85	23.79					23.79	3.18	0.00	0.00	0.00	0.00	0.00	0.00	3.18
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
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
Mini Hydrel & Others (Peddapalli, Palair)						1.72	1.72	2.02					2.02	11.72	0.00	0.00	0.00	0.00	0.00	0.00	11.72
<b>TOTAL HYDRO</b>			<b>0.00</b>		<b>0.00</b>	<b>1449.16</b>	<b>1449.16</b>	<b>347.85</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>347.85</b>	<b>2.40</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.04</b>	<b>2.35</b>	<b>4.68</b>	
<b>TOTAL TSGENCO</b>			<b>0.00</b>		<b>0.00</b>	<b>8398.62</b>	<b>7663.17</b>	<b>1750.82</b>	<b>1802.55</b>	<b>0.00</b>	<b>0.00</b>	<b>29.45</b>	<b>3582.83</b>	<b>2.28</b>	<b>0.00</b>	<b>0.00</b>	<b>0.04</b>	<b>2.35</b>	<b>4.68</b>		
<b>Central Generating Stations</b>																					
<b>NTPC</b>																					
<b>NTPC (SR)</b>																					
NTPC (SR)						692.11	692.11	55.54	178.15				233.70	0.80	0.00	0.00	0.00	0.00	2.57	3.38	
NTPC (SR) Stage III						177.19	177.19	16.83	44.75				61.58	0.95	0.00	0.00	0.00	0.00	2.53	3.48	
<b>Total NTPC(SR)</b>			<b>0.00</b>		<b>0.00</b>	<b>869.29</b>	<b>869.29</b>	<b>72.37</b>	<b>222.90</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>295.28</b>	<b>0.83</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>2.56</b>	<b>3.40</b>		

<b>NTPC (ER)</b>																
Farakka				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
Talcher - Stage 1				0.00	0.00	0.00	0.00				0.00	0.00	0.00	0.00	0.00	0.00
Talcher Stage 2				462.17	462.17	34.69	80.17				114.85	0.75	0.00	0.00	0.00	1.73
Others				0.00	0.00	0.00	0.00				0.00	0.00	0.00	0.00	0.00	0.00
<b>Total NTPC(ER)</b>			0.00	0.00	462.17	462.17	34.69	80.17	0.00	0.00	0.00	114.85	0.75	0.00	0.00	1.73
<b>Total NTPC</b>			0.00	0.00	1331.46	1331.46	107.06	303.07	0.00	0.00	0.00	410.13	0.80	0.00	0.00	2.28
<b>NLC TS-II</b>																
Stage-I				108.09	108.09	7.98	28.57				36.54	0.74	0.00	0.00	0.00	2.64
Stage-II				187.90	187.90	14.76	49.70				64.46	0.79	0.00	0.00	0.00	2.65
<b>Total NLC</b>			0.00	0.00	295.99	295.99	22.74	78.27	0.00	0.00	0.00	101.00	0.77	0.00	0.00	2.64
<b>NPC</b>																
NPC-MAPS				11.85	11.85		2.55				2.55	0.00	0.00	0.00	0.00	2.16
NPC-Kaiga unit I				135.74	135.74		47.45				47.45	0.00	0.00	0.00	0.00	3.50
NPC-Kaiga unit II				152.22	152.22		53.20				53.20	0.00	0.00	0.00	0.00	3.50
<b>Total NPC</b>			0.00	0.00	299.81	299.81	0.00	103.20	0.00	0.00	0.00	103.20	0.00	0.00	0.00	3.44
<b>NTPC - Simhadri</b>																
NTPC Simhadri Stage I				986.77	835.32	140.94	262.46				403.40	1.69	0.00	0.00	0.00	3.14
NTPC Simhadri Stage II				445.17	351.07	67.80	107.77				175.57	1.93	0.00	0.00	0.00	3.07
<b>Total NTPC- Simhadri</b>			0.00	0.00	1431.95	1186.39	208.74	370.23	0.00	0.00	0.00	578.98	1.76	0.00	0.00	3.12
<b>CGS - New</b>																
Vallur Thermal Power Plant				199.76	198.37	39.76	58.35				98.10	2.00	0.00	0.00	0.00	2.94
Tuticorin/NLC Tamilnadu Power Ltd				266.91	266.91	55.53	70.88				126.41	2.08	0.00	0.00	0.00	2.66
NPC-Kundnkulam				96.05	96.05	0.00	37.64				37.64	0.00	0.00	0.00	0.00	3.92
Kudigi				357.21	247.89	94.20	84.82				179.03	3.80	0.00	0.00	0.00	3.42
Neyveli new unit - 1				57.80	57.80	10.05	12.63				22.68	1.74	0.00	0.00	0.00	2.19
Neyveli new unit - 2				57.80	57.80	10.05	12.64				22.68	1.74	0.00	0.00	0.00	2.19
<b>TOTAL CGS</b>			0.00	0.00	4394.74	4038.47	548.14	1131.72	0.00	0.00	0.00	1679.86	1.36	0.00	0.00	2.80
<b>APGPCL</b>																
APGPCL I - Allocated capacity				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	0.00				0.00	0.00	0.00	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
APGPCL II - Unutilised capacity				0.00	0.00	0.00	0.00				0.00	0.00	0.00	0.00	0.00	0.00
<b>Total Apgpcl</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
<b>IPPS</b>																
Thermal Power Tech Unit I				659.03	659.03	98.24	148.96			9.00	256.20	1.49	0.00	0.00	0.14	2.26
Thermal Power Tech Unit II				1396.02	1396.02	334.62	325.41				660.03	2.40	0.00	0.00	0.00	2.33
<b>TOTAL IPPS</b>			0.00	0.00	2055.06	2055.06	432.87	474.37	0.00	0.00	9.00	916.24	2.11	0.00	0.00	0.04
<b>NCE</b>																
NCE - Bio-Mass				74.06	74.06		52.84				52.84	0.00	0.00	0.00	0.00	7.14
NCE - Bagasse				18.56	18.56		8.74				8.74	0.00	0.00	0.00	0.00	4.71
NCE - Municipal Waste to Energy				0.00	0.00		0.00				0.00	0.00	0.00	0.00	0.00	0.00
NCE - Industrial Waste based power project				41.05	41.05		27.97				27.97	0.00	0.00	0.00	0.00	6.81
NCE - Mini Hydel				1.04	1.04		0.31				0.31	0.00	0.00	0.00	0.00	2.98
NCE - Solar				1633.72	1633.72		927.89				927.89	0.00	0.00	0.00	0.00	5.68
NCE - Bundled Power NVVNL (solar) JNSM Ph 1				14.24	14.24		15.23				15.23	0.00	0.00	0.00	0.00	10.69
NCE - Bundled Power (Solar) (NTPC 400 MW)				245.64	245.64		115.77				115.77	0.00	0.00	0.00	0.00	4.71
<b>TOTAL NCE</b>			0.00	0.00	2028.32	2028.32	0.00	1148.75	0.00	0.00	0.00	1148.75	0.00	0.00	0.00	5.66

<b>OTHERS</b>																			
Singareni CCL I&II				2657.76	2657.76	425.08	729.62		0.59	1155.29	1.60	0.00	0.00	0.00	0.00	2.75	4.35		
CSPDCL				1334.74	1334.74	360.46	160.17			520.63	2.70	0.00	0.00	0.00	0.00	1.20	3.90		
NCE - Bundled Power (NVVNL) coal				79.09	79.09	0.00	36.53			36.53	0.00	0.00	0.00	0.00	0.00	4.62	4.62		
NCE - Bundled Power (Coal) ( NTPC 200 MW)				369.33	369.33	0.00	145.86			145.86	0.00	0.00	0.00	0.00	0.00	3.95	3.95		
SECI 400 MW				26.95	26.95		7.49			7.49	0.00	0.00	0.00	0.00	0.00	2.78	2.78		
				0.00	0.00		0.00			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
				0.00	0.00					0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
				0.00	0.00					0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
<b>TOTAL OTHERS</b>				<b>0.00</b>	<b>0.00</b>	<b>4467.87</b>	<b>4467.87</b>	<b>785.54</b>	<b>1079.67</b>	<b>0.00</b>	<b>0.00</b>	<b>0.59</b>	<b>1865.80</b>	<b>1.76</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>2.42</b>	<b>4.18</b>
<b>MARKET</b>																			
Surplus				-659.57	-659.57		-290.11			-290.11	0.00	0.00	0.00	0.00	0.00	4.40	4.40		
UI				0.00	0.00	2.30				2.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
Other Short Term Sources				584.67	1391.23		499.34			499.34	0.00	0.00	0.00	0.00	0.00	3.59	3.59		
D-D purchase/ sale				464.51	1509.00		642.57			642.57	0.00	0.00	0.00	0.00	0.00	4.26	4.26		
PTC				354.71	354.71	0.00	151.93			151.93	0.00	0.00	0.00	0.00	0.00	4.28	4.28		
Interest on Pension Bonds				0.00	0.00	345.34				345.34	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
Other Costs (STOA, Asset Maintenance)				0.00	0.00	0.00				0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
Reactive				0.00	0.00	8.22				8.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
				0.00	0.00					0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
				0.00	0.00					0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
<b>TOTAL MARKET</b>				<b>0.00</b>	<b>0.00</b>	<b>744.32</b>	<b>2595.37</b>	<b>355.85</b>	<b>1003.73</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>1359.59</b>	<b>1.37</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>3.87</b>	<b>5.24</b>
<b>TOTAL (From All Sources)</b>				<b>0.00</b>	<b>0.00</b>	<b>22088.92</b>	<b>22848.26</b>	<b>3873.22</b>	<b>6640.80</b>	<b>0.00</b>	<b>0.00</b>	<b>39.04</b>	<b>10553.06</b>	<b>1.70</b>	<b>0.00</b>	<b>0.00</b>	<b>0.02</b>	<b>2.91</b>	<b>4.62 #####</b>

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

Generating Station	D Link	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			
						let Availability	Dispatch	Fixed	Variable	Incentive	Income Tax	Others	Total	Fixed	Incentives	Income Tax	Others	Variable		Total		
			(MW)	(%)	(MW)																	
<b>TSGENCO</b>																						
<b>Thermal</b>																						
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
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
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
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
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
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
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
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						938.85	938.85	115.46	263.44				378.90	1.23	0.00	0.00	0.00	0.00	0.00	0.00	2.81	4.04
KTPS Stage VI						954.53	954.53	152.58	269.56				422.14	1.60	0.00	0.00	0.00	0.00	0.00	0.00	2.82	4.42
RTS B						108.87	41.46	35.96	14.24				50.19	8.67	0.00	0.00	0.00	0.00	0.00	0.00	3.43	12.11
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						954.53	954.53	133.39	272.33				405.72	1.40	0.00	0.00	0.00	0.00	0.00	0.00	2.85	4.25
Kakatiya Thermal Power Plant Stage II						1151.63	1151.63	249.49	329.94				579.43	2.17	0.00	0.00	0.00	0.00	0.00	0.00	2.87	5.03
BTPS (Manuguru New Project) - Unit 1						542.03	542.03	152.98	157.46				310.44	2.82	0.00	0.00	0.00	0.00	0.00	0.00	2.91	5.73
BTPS (Manuguru New Project) - Unit 2						542.03	542.03	152.98	157.47				310.44	2.82	0.00	0.00	0.00	0.00	0.00	0.00	2.91	5.73
BTPS (Manuguru New Project) - Unit 3						542.03	542.03	152.98	157.47				310.45	2.82	0.00	0.00	0.00	0.00	0.00	0.00	2.91	5.73
BTPS (Manuguru New Project) - Unit 4						541.74	541.74	152.98	157.39				310.37	2.82	0.00	0.00	0.00	0.00	0.00	0.00	2.91	5.73
KTPS VII						1662.18	1662.18	347.12	413.38				760.50	2.09	0.00	0.00	0.00	0.00	0.00	0.00	2.49	4.58
YTPS - I						141.17	141.17	28.13	35.11				63.24	1.99	0.00	0.00	0.00	0.00	0.00	0.00	2.49	4.48
Provisions						0.00	0.00												11.78			
<b>TOTAL THERMAL</b>			<b>0.00</b>		<b>0.00</b>	<b>8079.60</b>	<b>8012.20</b>	<b>1674.04</b>	<b>2227.79</b>	<b>0.00</b>	<b>0.00</b>	<b>11.78</b>	<b>3913.61</b>	<b>2.09</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.01</b>	<b>2.78</b>	<b>4.88</b>		
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
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
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
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
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
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
NSPH						474.56	474.56	90.78					90.78	1.91	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.91
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
NSLCPH						17.34	17.34	6.68					6.68	3.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.85
POCHAMPAD PH						17.77	17.77	7.42					7.42	4.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.17
NIZAMSAGAR PH						5.04	5.04	2.75					2.75	5.45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.45
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
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
SINGUR						4.36	4.36	4.12					4.12	9.45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.45
SSLM LCPH						446.23	446.23	125.19					125.19	2.81	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.81
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
Priyadarshini Jurala Hydro Electric Project-TS Share						49.89	49.89	38.80					38.80	7.78	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.78
Lower Jurala Hydro Electric Project						100.32	100.32	78.12					78.12	7.79	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.79
POCHAMPAD Stage-II						5.78	5.78	3.20					3.20	5.52	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.52
PULICHINTAL(New Project)						53.52	53.52	37.67					37.67	7.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.04
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
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
Mini Hydel & Others (Peddapalli, Palair)						3.18	3.18	3.45					3.45	10.84	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.84
													0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
													0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
													0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
													0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>TOTAL HYDRO</b>			<b>0.00</b>		<b>0.00</b>	<b>1178.00</b>	<b>1178.00</b>	<b>398.16</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>398.16</b>	<b>3.38</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>3.38</b>
<b>TOTAL TSGENCO</b>			<b>0.00</b>		<b>0.00</b>	<b>9257.60</b>	<b>9190.20</b>	<b>2072.19</b>	<b>2227.79</b>	<b>0.00</b>	<b>0.00</b>	<b>11.78</b>	<b>4311.77</b>	<b>2.25</b>	<b>0.00</b>	<b>0.00</b>	<b>0.01</b>	<b>2.42</b>	<b>4.69</b>			

<b>Central Generating Stations</b>																	
<b>NTPC</b>																	
<b>NTPC (SR)</b>																	
NTPC (SR)				790.15	790.15	55.54	203.39				258.93	0.70	0.00	0.00	0.00	2.57	3.28
NTPC (SR) Stage III				212.46	212.46	16.83	53.66				70.49	0.79	0.00	0.00	0.00	2.53	3.32
<b>Total NTPC(SR)</b>		<b>0.00</b>	<b>0.00</b>	<b>1002.60</b>	<b>1002.60</b>	<b>72.37</b>	<b>257.05</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>329.42</b>	<b>0.72</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>2.56</b>	<b>3.29</b>
<b>NTPC (ER)</b>																	
Farakka				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
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
Talcher Stage 2				482.67	482.67	34.69	83.72				118.41	0.72	0.00	0.00	0.00	1.73	2.45
Others				0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>Total NTPC(ER)</b>		<b>0.00</b>	<b>0.00</b>	<b>482.67</b>	<b>482.67</b>	<b>34.69</b>	<b>83.72</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>118.41</b>	<b>0.72</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>1.73</b>	<b>2.45</b>
<b>Total NTPC</b>		<b>0.00</b>	<b>0.00</b>	<b>1485.27</b>	<b>1485.27</b>	<b>107.06</b>	<b>340.77</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>447.83</b>	<b>0.72</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>2.29</b>	<b>3.02</b>
<b>NLC TS-II</b>																	
Stage-I				116.50	116.50	7.98	30.79				38.76	0.68	0.00	0.00	0.00	2.64	3.33
Stage-II				209.12	209.12	14.76	55.31				70.08	0.71	0.00	0.00	0.00	2.65	3.35
<b>Total NLC</b>		<b>0.00</b>	<b>0.00</b>	<b>325.62</b>	<b>325.62</b>						<b>108.84</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>3.34</b>
<b>NPC</b>																	
NPC-MAPS				17.29	17.29	0.00	3.73				3.73	0.00	0.00	0.00	0.00	2.16	2.16
NPC-Kaiga unit I				133.51	133.51	0.00	46.67				46.67	0.00	0.00	0.00	0.00	3.50	3.50
NPC-Kaiga unit II				132.79	132.79	0.00	46.41				46.41	0.00	0.00	0.00	0.00	3.50	3.50
<b>Total NPC</b>		<b>0.00</b>	<b>0.00</b>	<b>283.60</b>	<b>283.60</b>	<b>0.00</b>	<b>96.81</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>96.81</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>3.41</b>	<b>3.41</b>
<b>NTPC - Simhadri</b>																	
NTPC Simhadri Stage I				1228.23	663.18	140.94	208.38				349.32	2.13	0.00	0.00	0.00	3.14	5.27
NTPC Simhadri Stage II				562.95	382.33	67.80	117.36				185.17	1.77	0.00	0.00	0.00	3.07	4.84
<b>Total NTPC- Simhadri</b>		<b>0.00</b>	<b>0.00</b>	<b>1791.17</b>	<b>1045.51</b>	<b>208.74</b>	<b>325.74</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>534.48</b>	<b>2.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>3.12</b>	<b>5.11</b>
<b>CGS - New</b>																	
Vallur Thermal Power Plant				245.80	245.80	39.76	72.29				112.05	1.62	0.00	0.00	0.00	2.94	4.56
Tuticorin/NLC Tamilnadu Power Ltd				314.70	314.70	55.53	83.57				139.10	1.76	0.00	0.00	0.00	2.66	4.42
NPC-Kundnkulam kudigi				84.72	84.72	0.00	33.19				33.19	0.00	0.00	0.00	0.00	3.92	3.92
Neyveli new unit - 1				629.17	299.54	94.20	102.50				196.70	3.14	0.00	0.00	0.00	3.42	6.57
Neyveli new unit - 2				59.30	59.30	10.05	12.96				23.01	1.69	0.00	0.00	0.00	2.19	3.88
<b>TOTAL CGS</b>		<b>0.00</b>	<b>0.00</b>	<b>5278.64</b>	<b>4203.35</b>	<b>525.40</b>	<b>1080.80</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>1715.03</b>	<b>1.25</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>2.57</b>	<b>4.08</b>
<b>APGPCL</b>																	
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
APGPCL I - Unutilised capacity				0.00	0.00						0.00	0.00	0.00	0.00	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
APGPCL II - Unutilised capacity				0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>Total APGPCL</b>		<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
<b>IPPS</b>																	
Thermal Power Tech Unit I				660.38	660.38	98.45	149.26			18.37	266.08	1.49	0.00	0.00	0.28	2.26	4.03
Thermal Power Tech Unit II				1396.97	1396.97	334.85	325.63				660.48	2.40	0.00	0.00	0.00	2.33	4.73
<b>TOTAL IPPS</b>		<b>0.00</b>	<b>0.00</b>	<b>2057.35</b>	<b>2057.35</b>	<b>433.29</b>	<b>474.90</b>	<b>0.00</b>	<b>0.00</b>	<b>18.37</b>	<b>926.56</b>	<b>2.11</b>	<b>0.00</b>	<b>0.00</b>	<b>0.09</b>	<b>2.31</b>	<b>4.50</b>
<b>NCE</b>																	
NCE - Bio-Mass				36.03	36.03		26.70				26.70	0.00	0.00	0.00	0.00	7.41	7.41
NCE - Bagasse				14.38	14.38		6.87				6.87	0.00	0.00	0.00	0.00	4.77	4.77
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
NCE - Industrial Waste based power project				43.30	43.30		31.06				31.06	0.00	0.00	0.00	0.00	7.17	7.17
NCE - Mini Hydel				0.00	0.00		0.00				0.00	0.00	0.00	0.00	0.00	0.00	0.00
NCE - Solar				1644.26	1644.26		936.09				936.09	0.00	0.00	0.00	0.00	5.69	5.69
NCE - Bundled Power NVVNL (solar) JNNSM Ph 1				14.27	14.27		15.25				15.25	0.00	0.00	0.00	0.00	10.69	10.69
NCE - Bundled Power (Solar) (NTPC 400 MW)				241.85	241.85		114.46				114.46	0.00	0.00	0.00	0.00	4.73	4.73
<b>TOTAL NCE</b>		<b>0.00</b>	<b>0.00</b>	<b>1994.08</b>	<b>1994.08</b>	<b>0.00</b>	<b>1130.42</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>1130.42</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>5.67</b>	<b>5.67</b>

<b>OTHERS</b>																			
Singareni CCL I&II				2663.57	2198.74	417.06	657.25			0.65	1074.95	1.90	0.00	0.00	0.00	2.99	4.89		
CSPDCL				1869.95	1869.95	504.89	224.39				729.28	2.70	0.00	0.00	0.00	1.20	3.90		
NCE - Bundled Power (NVVNL) coal				99.06	99.06		45.75				45.75	0.00	0.00	0.00	0.00	4.62	4.62		
NCE - Bundled Power (Coal) ( NTPC 200 MW)				409.56	409.56		161.75				161.75	0.00	0.00	0.00	0.00	3.95	3.95		
Telangana STPP (phase I)				1030.64	1030.64	232.92	233.96				466.88	2.26	0.00	0.00	0.00	2.27	4.53		
NTPC CPSU - 369 MW				513.99	513.99		145.10				145.10	0.00	0.00	0.00	0.00	2.82	2.82		
NTPC CPSU - 1323 MW				173.95	173.95		48.36				48.36	0.00	0.00	0.00	0.00	2.78	2.78		
<b>TOTAL OTHERS</b>			<b>0.00</b>	<b>0.00</b>	<b>6760.72</b>	<b>6295.89</b>	<b>1154.87</b>	<b>1516.55</b>	<b>0.00</b>	<b>0.00</b>	<b>0.65</b>	<b>2672.07</b>	<b>1.83</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>2.41</b>	<b>4.24</b>	
<b>MARKET</b>																			
Surplus				0.00	0.00						0.00	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	0.00	0.00	0.00
Other Short Term Sources				0.00	704.64		271.05				271.05	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		
PTC				403.12	403.12	0.00	172.94				172.94	0.00	0.00	0.00	0.00	4.29	4.29		
Interest on Pension Bonds				0.00	0.00	410.78					410.78	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Other Costs				0.00	0.00	0.00					0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
				0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
				0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
				0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
				0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
				0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
				0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
				0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>TOTAL MARKET</b>			<b>0.00</b>	<b>0.00</b>	<b>403.12</b>	<b>5181.83</b>	<b>410.78</b>	<b>1837.25</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>2248.03</b>	<b>0.79</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>3.55</b>	<b>4.34</b>	
<b>TOTAL (From All Sources)</b>			<b>0.00</b>	<b>0.00</b>	<b>25751.52</b>	<b>28922.69</b>	<b>4596.53</b>	<b>8267.71</b>	<b>0.00</b>	<b>0.00</b>	<b>30.80</b>	<b>13003.88</b>	<b>1.59</b>	<b>0.00</b>	<b>0.00</b>	<b>0.01</b>	<b>2.86</b>	<b>4.50</b>	<b>#####</b>

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

Generating Station	D Link	Gross Energy Availability (MU)												Yearly Auxiliary Consumption (MU)	Net Energy Availability (MU)		
		April	May	June	July	August	September	October	November	December	January	February	March			Total	
<b>TSGENCO</b>																	
<b>Thermal</b>																	
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															0.00		0.00
KTPS B															0.00		0.00
KTPS C		87.95	89.52	79.92	79.38	77.17	83.09	89.48	87.59	80.81	66.35	58.73	58.38	938.37		938.37	
KTPS D		85.58	90.45	86.66	83.94	73.10	90.87	95.19	87.37	95.01	56.68	61.45	98.29	1004.59		1004.59	
KTPS Stage VI		80.37	94.42	73.86	75.52	76.17	88.57	97.44	95.89	98.05	95.32	86.84	84.75	1047.17		1047.17	
RTS B		8.93	9.60	8.08	9.86	5.79	3.71	10.70	10.28	10.89	10.38	9.71	10.91	108.83		108.83	
Kakatiya Thermal Power Plant Stage I		97.49	92.92	99.15	90.65	85.75	75.81	95.43	96.33	82.89	89.44	89.68	88.41	1083.96		1083.96	
Kakatiya Thermal Power Plant Stage II		115.20	100.87	103.42	101.13	99.46	115.89	111.70	107.25	50.69	-0.91	61.83	105.61	1072.15		1072.15	
KTPS VII		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	14.29	136.46	150.21	251.58	552.54		552.54	
BTPS (Manuguru New Project)														0.00		0.00	
<b>TOTAL THERMAL</b>		<b>475.54</b>	<b>477.77</b>	<b>451.09</b>	<b>440.48</b>	<b>417.44</b>	<b>457.94</b>	<b>499.95</b>	<b>484.71</b>	<b>432.62</b>	<b>453.73</b>	<b>518.44</b>	<b>697.91</b>	<b>5807.61</b>	<b>0.00</b>	<b>5807.61</b>	
MACHKUND PH AP Share														0.00		0.00	
TUNGBHADRA PH AP 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		1.37	2.29	2.12	3.74	16.20	30.22	17.81	5.65	4.81	8.01	9.42	10.64	112.27		112.27	
NSRCPH														0.00		0.00	
NSLCPH														0.00		0.00	
POCHAMPAD Stg-1		0.08	-0.01	-0.01	-0.01	0.67	2.98	3.27	0.13	0.00	0.00	0.00	0.10	7.22		7.22	
NIZAMSAGAR PH		0.23	0.06	-0.01	-0.01	-0.02	0.13	0.13	-0.01	0.66	0.47	-0.01	0.00	1.63		1.63	
Small Hydrel (pochampadu PH,singur)		0.08	-0.01	-0.01	-0.01	0.26	-0.01	-0.01	-0.01	0.01	-0.01	0.86	0.71	1.87		1.87	
MINI HYDRO&OTHERS		0.06	-0.01	-0.01	-0.01	-0.01	0.11	0.14	0.04	-0.01	-0.01	0.02	0.01	0.33		0.33	
SINGUR		0.00	0.00	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 LCPH		-0.08	-0.21	-0.18	8.65	123.78	56.72	50.34	11.40	26.55	11.00	-0.03	-0.16	287.79		287.79	
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- 6		-0.06	-0.06	-0.08	6.58	20.10	9.28	-0.01	-0.07	-0.04	-0.02	0.00	-0.02	35.61		35.61	
Lower Jurala Hydro Electric Project		0.01	-0.08	-0.08	9.08	23.88	10.14	0.32	0.17	-0.07	-0.02	-0.06	-0.06	43.24		43.24	
PULICHINTAL		0.00	0.00	0.00	0.00	0.00	4.30	1.73	-0.03	-0.03	-0.03	-0.02	-0.01	5.93		5.93	
<b>TOTAL HYDRO</b>		<b>1.70</b>	<b>1.99</b>	<b>1.74</b>	<b>28.01</b>	<b>184.85</b>	<b>113.87</b>	<b>73.73</b>	<b>17.29</b>	<b>31.90</b>	<b>19.39</b>	<b>10.19</b>	<b>11.21</b>	<b>495.87</b>	<b>0.00</b>	<b>495.87</b>	
<b>TOTAL TSGENCO</b>		<b>477.24</b>	<b>479.76</b>	<b>452.83</b>	<b>468.48</b>	<b>602.29</b>	<b>571.81</b>	<b>573.67</b>	<b>502.00</b>	<b>464.52</b>	<b>473.12</b>	<b>528.62</b>	<b>709.13</b>	<b>6303.48</b>	<b>0.00</b>	<b>6303.48</b>	
<b>Central Generating Stations</b>																	
<b>NTPC</b>																	
<b>NTPC (SR)</b>																	
NTPC (SR)		54.64	53.83	48.93	46.34	59.73	59.63	50.13	67.78	63.41	61.38	56.30	51.80	673.92		673.92	
NTPC (SR) Stage III		13.21	14.50	15.45	16.92	16.07	15.45	16.98	8.76	3.19	16.41	13.93	16.42	167.28		167.28	
<b>Total NTPC(SR)</b>		<b>67.85</b>	<b>68.33</b>	<b>64.38</b>	<b>63.27</b>	<b>75.80</b>	<b>75.07</b>	<b>67.11</b>	<b>76.55</b>	<b>66.61</b>	<b>77.79</b>	<b>70.23</b>	<b>68.22</b>	<b>841.21</b>	<b>0.00</b>	<b>841.21</b>	

<b>NTPC (ER)</b>																
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
NTPC(ER)-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		37.87	39.43	35.45	26.31	27.67	27.66	28.14	36.15	41.00	39.30	34.98	42.30	416.28		416.28
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
<b>Total NTPC(ER)</b>		<b>37.87</b>	<b>39.43</b>	<b>35.45</b>	<b>26.31</b>	<b>27.67</b>	<b>27.66</b>	<b>28.14</b>	<b>36.15</b>	<b>41.00</b>	<b>39.30</b>	<b>34.98</b>	<b>42.30</b>	<b>416.28</b>	<b>0.00</b>	<b>416.28</b>
<b>Total NTPC</b>		<b>105.72</b>	<b>107.76</b>	<b>99.83</b>	<b>89.58</b>	<b>103.47</b>	<b>102.74</b>	<b>95.25</b>	<b>112.70</b>	<b>107.61</b>	<b>117.09</b>	<b>105.21</b>	<b>110.52</b>	<b>1257.49</b>	<b>0.00</b>	<b>1257.49</b>
<b>NLC TS-II</b>																
Stage-I		3.67	6.18	6.50	7.74	5.73	9.58	9.60	7.97	9.61	9.89	9.07	9.26	94.79		94.79
Stage-II		6.37	9.06	10.66	13.71	11.83	16.66	17.66	18.78	17.33	17.74	15.76	17.32	172.89		172.89
<b>Total NLC</b>		<b>10.04</b>	<b>15.25</b>	<b>17.16</b>	<b>21.45</b>	<b>17.56</b>	<b>26.24</b>	<b>27.25</b>	<b>26.75</b>	<b>26.94</b>	<b>27.63</b>	<b>24.84</b>	<b>26.58</b>	<b>267.68</b>	<b>0.00</b>	<b>267.68</b>
<b>NPC</b>																
NPC-MAPS		2.73	1.98	1.92	1.89	2.04	1.84	1.72	1.06	0.00	0.00	1.01	1.82	18.01		18.01
NPC-Kudankulam		0.00	0.00	0.00	2.66	0.11	1.96	5.38	7.61	7.62	7.60	6.09	5.75	44.77		44.77
NPC-Kaiga-I&II		27.48	29.53	28.29	27.52	30.12	21.35	27.98	28.51	29.07	22.43	20.63	24.92	317.84		317.84
<b>Total NPC</b>		<b>30.21</b>	<b>31.51</b>	<b>30.21</b>	<b>32.06</b>	<b>32.27</b>	<b>25.15</b>	<b>35.07</b>	<b>37.18</b>	<b>36.69</b>	<b>30.03</b>	<b>27.73</b>	<b>32.49</b>	<b>380.62</b>	<b>0.00</b>	<b>380.62</b>
<b>NTPC - Simhadri</b>																
NTPC Simhadri Stage I		87.18	92.10	79.94	89.06	87.26	67.63	57.18	62.74	98.73	92.61	92.73	95.60	1002.76		1002.76
NTPC Simhadri Stage II		23.60	18.15	13.07	29.66	14.33	25.70	39.78	42.04	40.00	39.33	34.86	34.95	355.47		355.47
<b>Total NTPC- Simhadri</b>		<b>110.78</b>	<b>110.25</b>	<b>93.01</b>	<b>118.72</b>	<b>101.59</b>	<b>93.33</b>	<b>96.96</b>	<b>104.78</b>	<b>138.72</b>	<b>131.94</b>	<b>127.60</b>	<b>130.55</b>	<b>1358.23</b>	<b>0.00</b>	<b>1358.23</b>
<b>CGS - New</b>																
NSM-Coal Phase II		30.20	30.94	31.69	38.62	33.71	41.86	49.57	40.35	44.75	44.34	37.93	39.44	463.39		463.39
NVVNL B.P.Coal		6.85	5.31	5.03	4.83	4.30	6.26	6.36	6.85	4.80	6.97	6.26	7.14	70.97		70.97
NTPC KUDIGI I		7.54	16.57	8.66	4.43	0.00	31.51	36.17	22.00	30.71	32.83	28.82	39.73	258.97		258.97
NTECL - VALLURU		6.14	11.50	7.48	10.20	7.72	11.54	14.24	12.74	13.08	10.55	15.21	17.83	138.24		138.24
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
NLC Tamilnadu Power Ltd		7.06	17.31	14.12	13.77	11.92	23.79	35.74	24.92	23.28	17.27	9.64	11.70	210.50		210.50
<b>TOTAL CGS</b>		<b>314.54</b>	<b>346.39</b>	<b>307.18</b>	<b>333.65</b>	<b>312.53</b>	<b>362.43</b>	<b>396.63</b>	<b>388.27</b>	<b>426.58</b>	<b>418.66</b>	<b>383.24</b>	<b>415.99</b>	<b>4406.10</b>	<b>0.00</b>	<b>4406.10</b>
<b>APGPCL</b>																
APGPCL I - Allocated capacity		0.58	0.44	0.28	0.75	0.69	0.60	0.58	0.51	0.55	0.27	0.24	0.26	5.73		5.73
APGPCL I - Unutilised capacity														0.00		0.00
APGPCL II - Allocated capacity		2.30	1.52	0.74	2.00	1.84	1.60	1.56	1.36	1.47	0.72	0.65	0.69	16.45		16.45
APGPCL II - Unutilised capacity														0.00		0.00
<b>Total APGPCL</b>		<b>2.88</b>	<b>1.96</b>	<b>1.01</b>	<b>2.75</b>	<b>2.53</b>	<b>2.19</b>	<b>2.14</b>	<b>1.87</b>	<b>2.02</b>	<b>0.99</b>	<b>0.89</b>	<b>0.94</b>	<b>22.18</b>	<b>0.00</b>	<b>22.18</b>
<b>IPPS</b>																
<b>TOTAL IPPS</b>		<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
<b>NCE</b>																
NCE - Bio-Mass		8.66	9.85	10.49	9.85	8.37	8.76	8.83	4.15	10.40	10.89	9.28	10.39	109.89		109.89
NCE - Bagasse		0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.75	8.12	9.56	9.90	6.30	35.63		35.63
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		2.95	3.30	3.65	3.38	2.88	2.20	2.27	1.40	4.08	4.59	4.57	4.44	39.72		39.72
NCE - Bundled Power NVVNL (solar) JNNSM Ph 1		1.97	1.66	1.15	0.63	0.60	0.84	1.61	1.33	1.06	1.64	1.91	2.37	16.77		16.77
NCE - Mini Hydel		0.12	0.00	0.00	0.00	0.00	0.30	0.38	0.38	0.00	0.00	0.00	0.00	1.19		1.19
NCE - Bundled Power (Solar) (NTPC 400 MW)		15.79	17.14	20.90	17.80	9.68	27.11	26.46	22.84	22.38	11.52	24.46	25.72	241.80		241.80
NCE-Others		143.05	139.31	128.83	88.76	94.39	122.26	132.18	136.73	99.06	225.12	144.14	203.15	1656.98		1656.98
<b>TOTAL NCE</b>		<b>172.54</b>	<b>171.25</b>	<b>165.02</b>	<b>120.42</b>	<b>115.92</b>	<b>161.46</b>	<b>171.74</b>	<b>168.58</b>	<b>145.10</b>	<b>263.31</b>	<b>194.27</b>	<b>252.37</b>	<b>2101.98</b>	<b>0.00</b>	<b>2101.98</b>



<b>OTHERS</b>																	
Srivathsa															0.00		0.00
LVS															0.00		0.00
Vishakapatnam Steel Plant															0.00		0.00
NB Ferro Alloys															0.00		0.00
Corporate Power (MT)															0.00		0.00
KSK Mahanadi (MT)															0.00		0.00
Hinduja															0.00		0.00
Singareni 1&2		197.40	221.30	124.59	178.00	221.31	237.44	241.57	144.69	134.90	240.19	221.73	231.81	2394.92			2394.92
CSPGCL		188.94	179.38	136.92	139.29	140.62	139.74	104.19	175.93	157.43	46.04	61.23	99.69	1569.40			1569.40
Thermal Power Tech Unit I 269.5 MW		57.13	48.41	56.34	58.35	58.38	56.98	39.73	32.93	33.40	35.11	29.33	54.06	560.17			560.17
Thermal Power Tech Unit II 570 MW		115.18	98.27	109.78	119.34	100.71	110.69	82.25	69.66	65.73	58.53	45.49	112.59	1088.22			1088.22
<b>TOTAL OTHERS</b>		<b>558.65</b>	<b>547.37</b>	<b>427.64</b>	<b>494.99</b>	<b>521.03</b>	<b>544.84</b>	<b>467.74</b>	<b>423.20</b>	<b>391.45</b>	<b>379.88</b>	<b>357.77</b>	<b>498.16</b>	<b>5612.72</b>	<b>0.00</b>		<b>5612.72</b>
<b>MARKET</b>																	
PTC															0.00		0.00
RCL and Short-Term Sources(IG Wells,Kesoram)															0.00		0.00
UI															0.00		0.00
Other Short Term Sources		172.12	6.95	20.80	120.01	197.46	243.37	345.35	138.56	65.71	136.37	140.85	307.22	1894.76			1894.76
IBSS 2018-19		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	850.18	850.18			850.18
Interstate/D to D Sales		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1149.79	-1149.79			-1149.79
														0.00			0.00
														0.00			0.00
<b>TOTAL MARKET</b>		<b>172.12</b>	<b>6.95</b>	<b>20.80</b>	<b>120.01</b>	<b>197.46</b>	<b>243.37</b>	<b>345.35</b>	<b>138.56</b>	<b>65.71</b>	<b>136.37</b>	<b>140.85</b>	<b>7.61</b>	<b>1595.15</b>	<b>0.00</b>		<b>1595.15</b>
<b>TOTAL (From All Sources)</b>		<b>1697.98</b>	<b>1553.69</b>	<b>1374.49</b>	<b>1540.29</b>	<b>1751.77</b>	<b>1886.09</b>	<b>1957.27</b>	<b>1622.47</b>	<b>1495.38</b>	<b>1672.32</b>	<b>1605.63</b>	<b>1884.20</b>	<b>20041.59</b>	<b>0.00</b>		<b>20041.59</b>

2019-20

<b>TSGENCO</b>																	
<b>Thermal</b>																	
KTPS A																0.00	0.00
KTPS B																0.00	0.00
KTPS C		56.55	54.08	48.98	60.63	61.36	53.59	30.87	37.97	59.31	57.53	45.41	30.84	597.12		597.12	
KTPS V (D)		88.08	92.92	83.95	84.76	82.90	63.01	66.31	48.39	87.56	83.14	78.70	86.04	945.75		945.75	
KTPS VI		95.62	93.56	91.79	53.63	20.26	83.73	76.97	92.31	105.17	95.12	88.77	102.02	998.95		998.95	
RTS-B		10.62	11.04	9.87	10.97	9.99	5.63	3.40	5.46	9.74	9.46	8.94	7.32	102.44		102.44	
Kakatiya Stage-I		89.08	92.80	91.65	87.71	65.86	44.47	-0.77	-0.39	100.33	92.67	95.53	98.27	857.20		857.20	
Kakatiya Stage-II		114.56	119.24	93.20	114.13	81.39	95.89	65.73	109.86	120.85	112.22	102.78	119.52	1249.37		1249.37	
KTPS Stage VII		133.98	163.67	134.70	11.41	129.89	128.12	150.57	144.30	-0.65	-0.36	-0.38	3.15	998.42		998.42	
<b>TOTAL THERMAL</b>		<b>588.49</b>	<b>627.31</b>	<b>554.14</b>	<b>423.24</b>	<b>451.65</b>	<b>474.44</b>	<b>393.08</b>	<b>437.91</b>	<b>482.31</b>	<b>449.78</b>	<b>419.76</b>	<b>447.15</b>	<b>5749.26</b>	<b>0.00</b>	<b>5749.26</b>	
MACHKUND PH AP Share																0.00	0.00
TUNGBHADRA PH AP 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		4.77	-0.12	-0.09	-0.09	76.41	136.82	142.57	65.79	8.48	21.91	10.08	1.09	467.63		467.63	
NSRCPH																0.00	0.00
NSLCPH																0.00	0.00
POCHAMPAD stg-1																0.00	0.00
NIZAMSAGAR PH		-0.01	0.00	0.00	-0.01	-0.02	-0.01	-0.02	-0.01	-0.01	-0.03	0.26	0.21	0.35		0.35	
Small Hydel (pochampadu PH,singur)		0.10	-0.02	-0.01	-0.01	-0.01	0.08	2.00	1.85	0.48	2.11	2.58	2.82	11.99		11.99	
MINI HYDEL (Palair&Peddapalli)		0.00	-0.01	-0.01	-0.01	-0.01	0.01	0.00	0.01	0.00	0.10	0.17	0.03	0.28		0.28	
SINGUR																0.00	0.00
SSLM LCPH		5.89	-0.20	-0.16	-0.20	117.18	140.58	147.45	71.12	21.05	24.26	37.28	21.17	585.42		585.42	
Nagarjunasagar Tail Pond Dam Power House																0.00	0.00
Priyadarshini Jurala Hydro Electric Project-6		-0.01	-0.02	-0.02	-0.01	2.64	17.08	19.68	8.45	0.01	-0.03	-0.04	-0.05	47.68		47.68	
Lower Jurala Hydro Electric Project		-0.07	-0.09	-0.09	0.56	8.11	29.94	32.52	19.91	0.13	0.00	-0.05	0.07	90.94		90.94	
Pulichintala		0.00	0.00	0.00	0.00	2.02	14.97	19.84	11.66	1.70	2.98	3.08	2.22	58.48		58.48	
Pochmpadu St.IV		0.00	0.00	0.00	0.00	0.00	0.00	0.65	0.71	0.27	0.33	0.00	0.00	1.96		1.96	
<b>TOTAL HYDRO</b>		<b>10.67</b>	<b>-0.46</b>	<b>-0.39</b>	<b>0.23</b>	<b>206.33</b>	<b>339.48</b>	<b>364.71</b>	<b>179.49</b>	<b>32.11</b>	<b>51.63</b>	<b>53.36</b>	<b>27.57</b>	<b>1264.73</b>	<b>0.00</b>	<b>1264.73</b>	
<b>TOTAL TSGENCO</b>		<b>599.17</b>	<b>626.85</b>	<b>553.75</b>	<b>423.47</b>	<b>657.99</b>	<b>813.92</b>	<b>757.79</b>	<b>617.40</b>	<b>514.41</b>	<b>501.41</b>	<b>473.12</b>	<b>474.72</b>	<b>7013.99</b>	<b>0.00</b>	<b>7013.99</b>	
<b>Central Generating Stations</b>																	
<b>NTPC</b>																	
<b>NTPC (SR)</b>																	
NTPC (SR) I & II		43.16	49.14	35.99	56.75	73.98	25.07	32.71	43.09	51.29	63.65	59.11	64.12	598.05		598.05	
NTPC (SR) Stage III		12.71	12.50	10.81	16.28	17.96	9.87	11.10	13.82	17.18	17.17	16.16	2.24	157.80		157.80	
<b>Total NTPC(SR)</b>		<b>55.88</b>	<b>61.64</b>	<b>46.80</b>	<b>73.03</b>	<b>91.94</b>	<b>34.93</b>	<b>43.81</b>	<b>56.91</b>	<b>68.46</b>	<b>80.82</b>	<b>75.26</b>	<b>66.36</b>	<b>755.86</b>	<b>0.00</b>	<b>755.86</b>	
<b>NTPC (ER)</b>																	
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
NTPC(ER)-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
NTPC - LPSC		0.00	0.00	0.00	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-Talcher-ST II		38.57	35.60	31.66	29.90	22.97	18.16	24.70	31.82	41.97	41.63	41.80	45.95	404.73		404.73	
NNTPS		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	2.74	4.11	3.09	10.01		10.01	
<b>Total NTPC(ER)</b>		<b>38.57</b>	<b>35.60</b>	<b>31.66</b>	<b>29.90</b>	<b>22.97</b>	<b>18.16</b>	<b>24.70</b>	<b>31.82</b>	<b>42.04</b>	<b>44.37</b>	<b>45.92</b>	<b>49.04</b>	<b>414.74</b>	<b>0.00</b>	<b>414.74</b>	
<b>Total NTPC</b>		<b>94.45</b>	<b>97.24</b>	<b>78.46</b>	<b>102.93</b>	<b>114.91</b>	<b>53.09</b>	<b>68.51</b>	<b>88.72</b>	<b>110.51</b>	<b>125.19</b>	<b>121.18</b>	<b>115.40</b>	<b>1170.60</b>	<b>0.00</b>	<b>1170.60</b>	

<b>NLC TS-II</b>																	
Stage-I		8.63	7.47	7.04	8.72	8.56	5.33	6.74	8.57	10.12	12.15	12.11	12.22	107.66		107.66	
Stage-II		15.79	11.20	8.29	12.44	18.17	7.76	10.94	16.35	20.40	21.92	20.01	21.21	184.48		184.48	
<b>Total NLC</b>		<b>24.43</b>	<b>18.67</b>	<b>15.33</b>	<b>21.16</b>	<b>26.73</b>	<b>13.09</b>	<b>17.68</b>	<b>24.92</b>	<b>30.52</b>	<b>34.07</b>	<b>32.12</b>	<b>33.43</b>	<b>292.15</b>	<b>0.00</b>	<b>292.15</b>	
<b>NPC</b>																	
NPC-MAPS		1.10	1.82	1.93	1.99	2.08	1.77	2.10	1.86	1.85	1.60	1.98	2.00	22.07		22.07	
NPC-Kudankulam		5.84	5.66	5.51	5.83	5.82	5.06	5.80	5.76	2.64	0.00	0.00	4.70	52.62		52.62	
NPC-Kaiga-I&II		28.03	29.70	25.13	26.33	21.40	28.76	29.07	23.36	29.90	26.33	22.97	28.52	319.51		319.51	
<b>Total NPC</b>		<b>34.97</b>	<b>37.18</b>	<b>32.57</b>	<b>34.15</b>	<b>29.30</b>	<b>35.60</b>	<b>36.97</b>	<b>30.98</b>	<b>34.39</b>	<b>27.93</b>	<b>24.95</b>	<b>35.22</b>	<b>394.19</b>	<b>0.00</b>	<b>394.19</b>	
<b>NTPC - Simhadri</b>																	
NTPC Simhadri Stage I		78.39	59.25	35.36	65.69	52.85	33.27	16.75	45.67	94.32	98.60	96.50	93.63	770.26		770.26	
NTPC Simhadri Stage II		22.17	28.60	26.50	35.66	34.15	15.99	6.72	17.92	43.45	42.13	40.28	40.97	354.54		354.54	
<b>Total NTPC- Simhadri</b>		<b>100.56</b>	<b>87.85</b>	<b>61.86</b>	<b>101.35</b>	<b>86.99</b>	<b>49.25</b>	<b>23.47</b>	<b>63.60</b>	<b>137.76</b>	<b>140.73</b>	<b>136.78</b>	<b>134.60</b>	<b>1124.80</b>	<b>0.00</b>	<b>1124.80</b>	
<b>CGS - New</b>																	
NSM-Coal Phase II		33.79	34.73	27.51	33.69	33.28	46.46	7.87	24.63	33.43	43.66	39.22	47.55	405.83		405.83	
NVVNL B.P-Coal		6.09	5.77	5.34	5.09	4.91	4.14	3.42	3.78	4.82	5.46	6.52	6.69	62.03		62.03	
NTPC KUDIGI I		20.46	12.56	6.66	13.96	14.55	0.36	2.44	0.02	9.07	16.78	34.85	34.73	166.45		166.45	
NTECL - VALLURU		10.71	12.09	10.75	11.64	8.69	3.42	5.02	10.13	11.80	14.47	15.62	12.38	126.73		126.73	
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	
NLC Tamilnadu Power Ltd		10.97	8.49	7.38	12.20	26.63	10.66	9.77	16.47	30.83	31.22	28.26	28.01	220.89		220.89	
		<b>336.42</b>	<b>314.58</b>	<b>245.87</b>	<b>336.18</b>	<b>346.00</b>	<b>216.07</b>	<b>175.14</b>	<b>263.24</b>	<b>403.12</b>	<b>439.51</b>	<b>439.50</b>	<b>448.02</b>	<b>3963.66</b>	<b>0.00</b>	<b>3963.66</b>	
<b>APGPCL</b>																	
APGPCL I - Allocated capacity		0.24	0.21	0.22	0.45	0.55	0.37	0.31	0.28	0.28	0.00	0.00	0.00	2.90		2.90	
APGPCL I - Unutilised capacity														0.00		0.00	
APGPCL II - Allocated capacity		0.65	0.57	0.60	1.19	1.46	0.99	0.82	0.75	0.74	0.00	0.00	0.00	7.76		7.76	
APGPCL II - Unutilised capacity														0.00		0.00	
<b>Total APGPCL</b>		<b>0.89</b>	<b>0.78</b>	<b>0.82</b>	<b>1.64</b>	<b>2.01</b>	<b>1.35</b>	<b>1.12</b>	<b>1.03</b>	<b>1.01</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>10.66</b>	<b>0.00</b>	<b>10.66</b>	
<b>IPPS</b>																	
Thermal Power Tech Unit I		103.74	89.45	96.07	119.05	123.49	99.57	100.14	114.24	123.92	122.10	116.83	123.78	1332.38		1332.38	
Thermal Power Tech Unit II		50.85	48.81	56.88	57.92	56.92	55.83	56.20	55.92	58.65	57.72	55.23	58.51	669.45		669.45	
<b>TOTAL IPPS</b>		<b>154.59</b>	<b>138.26</b>	<b>152.95</b>	<b>176.97</b>	<b>180.41</b>	<b>155.40</b>	<b>156.34</b>	<b>170.16</b>	<b>182.57</b>	<b>179.82</b>	<b>172.06</b>	<b>182.29</b>	<b>2001.83</b>	<b>0.00</b>	<b>2001.83</b>	
<b>NCE</b>																	
NCE - Bio-Mass		8.48	4.73	8.72	8.49	8.59	8.34	7.68	6.80	5.37	10.97	8.20	6.18	92.57		92.57	
NCE - Bagasse		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.11	12.80	5.91	1.31	25.13		25.13	
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		1.22	1.05	1.11	1.41	0.00	0.00	0.00	0.98	0.26	0.00	2.36	1.32	9.70		9.70	
NCE - Mini Hydel		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.38	0.25	2.63		2.63	
NCE - Solar		165.48	158.77	153.41	132.41	99.51	116.42	110.12	120.00	120.51	130.14	148.69	150.02	1605.49		1605.49	
NCE - Bundled Power NVVNL (solar) JNNSM Ph 1		2.09	1.68	1.33	0.67	0.66	0.97	1.33	1.30	1.05	1.55	1.98	2.34	16.95		16.95	
NCE - Bundled Power (Solar) (NTPC 400 MW)		23.61	25.18	18.33	19.91	14.07	14.40	18.15	16.43	23.37	14.60	19.73	26.05	233.83		233.83	
<b>TOTAL NCE</b>		<b>200.88</b>	<b>191.43</b>	<b>182.90</b>	<b>162.89</b>	<b>122.83</b>	<b>140.13</b>	<b>137.29</b>	<b>145.51</b>	<b>155.66</b>	<b>170.06</b>	<b>189.25</b>	<b>187.47</b>	<b>1986.31</b>	<b>0.00</b>	<b>1986.31</b>	
<b>OTHERS</b>																	
Singareni CCL I&II		222.81	221.65	224.05	211.81	214.43	196.16	159.79	174.84	224.90	222.87	231.40	228.46	2533.19		2533.19	
CSPDCL		19.20	26.26	55.91	90.02	32.42	22.27	39.51	62.36	90.37	56.86	77.79	88.21	661.18		661.18	
														0.00		0.00	
														0.00		0.00	
<b>TOTAL OTHERS</b>		<b>242.01</b>	<b>247.91</b>	<b>279.96</b>	<b>301.82</b>	<b>246.85</b>	<b>218.43</b>	<b>199.31</b>	<b>237.20</b>	<b>315.28</b>	<b>279.73</b>	<b>309.20</b>	<b>316.67</b>	<b>3194.36</b>	<b>0.00</b>	<b>3194.36</b>	

<b>MARKET</b>																	
Bilateral Sales (PTC etc.)														0.00			0.00
RCL and Short-Term Sources(IG Wells,Kesoram)														0.00			0.00
														0.00			0.00
NPDCL														0.00			0.00
SPDCL														0.00			0.00
ST Power (FY 20)														0.00			0.00
														0.00			0.00
														0.00			0.00
UI-SRPC/Deviation Charges		7.71	12.63	12.09	16.57	19.77	8.19	7.21	11.62	11.50	9.42	12.35	11.13	140.18			140.18
Other Short Term Sources		173.27	56.26	27.63	111.33	153.70	70.61	9.32	52.18	199.16	314.07	379.67	442.23	1989.42			1989.42
D-D Purchases/UI		96.18	-7.67	-4.28	71.99	196.75	16.14	45.31	115.61	348.72	235.94	498.49	574.30	2187.48			2187.48
Interstate/D to D Sales/UI		-104.05	-314.60	-254.77	-70.33	-12.36	-116.23	-120.43	-14.28	-3.11	-24.00	-6.76	-9.63	-1050.55			-1050.55
														0.00			0.00
														0.00			0.00
<b>TOTAL MARKET</b>		<b>173.10</b>	<b>-253.38</b>	<b>-219.33</b>	<b>129.56</b>	<b>357.87</b>	<b>-21.29</b>	<b>-58.59</b>	<b>165.13</b>	<b>556.27</b>	<b>535.42</b>	<b>883.74</b>	<b>1018.03</b>	<b>3266.53</b>	<b>0.00</b>		<b>3266.53</b>
<b>TOTAL (From All Sources)</b>		<b>1707.06</b>	<b>1266.43</b>	<b>1196.92</b>	<b>1532.53</b>	<b>1913.95</b>	<b>1524.02</b>	<b>1368.40</b>	<b>1599.68</b>	<b>2128.32</b>	<b>2105.95</b>	<b>2466.86</b>	<b>2627.21</b>	<b>21437.33</b>	<b>0.00</b>		<b>21437.33</b>

2020-21

Generating Station	D Link	Gross Energy Availability (MU)													Yearly Auxiliary Consumption (MU)	Net Energy Availability (MU)		
		April	May	June	July	August	September	October	November	December	January	February	March	Total				
<b>TSGENCO</b>																		
<b>Thermal</b>																		
KTPS A																	0.00	0.00
KTPS B																	0.00	0.00
KTPS C																	0.00	0.00
KTPS D		78.04	76.45	44.86	41.13	42.63	28.32	45.08	34.14	68.08	82.77	84.93	93.27	719.70		719.70		
KTPS Stage VI		89.60	86.20	77.37	79.10	85.81	84.60	55.96	78.73	87.75	88.69	84.75	98.75	997.32		997.32		
RTS B		5.10	-0.08	-0.08	-0.09	7.28	8.83	8.63	8.76	9.29	9.16	8.20	8.77	73.77		73.77		
NTS																0.00	0.00	
Kakatiya Thermal Power Plant Stage I		52.67	26.73	85.70	62.49	30.91	51.54	31.60	-1.65	73.90	88.99	93.01	96.97	692.85		692.85		
Kakatiya Thermal Power Plant Stage II		84.01	107.14	16.90	98.99	75.54	98.50	98.04	95.18	107.23	90.50	96.95	112.81	1081.79		1081.79		
BTPS (Manuguru New Project)		0.00	0.00	28.71	41.33	32.21	21.22	24.55	-1.53	45.28	77.33	75.53	143.72	488.34		488.34		
KTPS VII		82.55	142.93	157.13	157.96	131.29	144.96	133.92	154.17	165.92	145.79	138.47	162.83	1717.91		1717.91		
														0.00		0.00		
														0.00		0.00		
														0.00		0.00		
														0.00		0.00		
<b>TOTAL THERMAL</b>		<b>391.96</b>	<b>439.37</b>	<b>410.60</b>	<b>480.92</b>	<b>405.66</b>	<b>437.97</b>	<b>397.78</b>	<b>367.79</b>	<b>557.45</b>	<b>583.23</b>	<b>581.84</b>	<b>717.11</b>	<b>5771.69</b>	<b>0.00</b>	<b>5771.69</b>		
MACHKUND PH AP Share														0.00		0.00		
TUNGBHADRA PH AP 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		0.55	-0.10	2.93	2.19	47.51	103.77	137.00	25.04	6.82	24.05	21.41	20.30	391.47		391.47		
NSRCPH														0.00		0.00		
NSLCPH														0.00		0.00		
POCHAMPAD stg-1														0.00		0.00		
NIZAMSAGAR PH		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	0.02	0.07	0.40	0.79	0.39	0.92	2.55		2.55		
Small Hydel (pochampadu PH,singur)		1.16	-0.02	-0.01	0.86	1.38	4.69	6.53	0.76	0.27	3.93	2.74	3.52	25.81		25.81		
MINI HYDEL (Palair&Peddapalli)		0.02	-0.01	-0.01	0.01	0.05	0.04	0.00	-0.01	-0.01	0.02	0.10	0.13	0.33		0.33		
SINGUR														0.00		0.00		
SSLM LCPH		8.11	-0.21	-0.05	70.20	120.76	0.00	10.07	54.37	10.56	18.84	28.58	38.08	359.31		359.31		
Nagarjunasagar Tail Pond Dam Power House														0.00		0.00		
Priyadarshini Jurala Hydro Electric Project-6		-0.04	-0.06	-0.05	10.02	10.46	13.38	12.06	6.74	0.13	-0.02	-0.02	-0.01	52.60		52.60		
Lower Jurala Hydro Electric Project		-0.05	-0.06	-0.05	18.13	24.79	31.68	25.63	14.55	0.49	0.04	-0.06	0.03	115.13		115.13		
Pulichintala		0.78	0.00	-0.01	0.27	4.44	11.29	12.00	8.10	3.27	6.35	5.15	6.52	58.15		58.15		
Pochmpadu St.IV		0.00	0.00	0.00	0.02	0.02	0.80	1.34	0.17	0.01	0.06	0.56	0.04	3.03		3.03		
														0.00		0.00		
														0.00		0.00		
<b>TOTAL HYDRO</b>		<b>10.52</b>	<b>-0.46</b>	<b>2.75</b>	<b>101.68</b>	<b>209.39</b>	<b>165.65</b>	<b>204.65</b>	<b>109.81</b>	<b>21.94</b>	<b>54.06</b>	<b>58.85</b>	<b>69.52</b>	<b>1008.37</b>	<b>0.00</b>	<b>1008.37</b>		
<b>TOTAL TSGENCO</b>		<b>402.48</b>	<b>438.92</b>	<b>413.35</b>	<b>582.60</b>	<b>615.05</b>	<b>603.61</b>	<b>602.43</b>	<b>477.60</b>	<b>579.40</b>	<b>637.29</b>	<b>640.69</b>	<b>786.64</b>	<b>6780.06</b>	<b>0.00</b>	<b>6780.06</b>		
<b>Central Generating Stations</b>																		
<b>NTPC</b>																		
<b>NTPC (SR)</b>																		
NTPC (SR) I&II		57.90	54.08	61.68	65.59	48.87	35.22	40.27	44.89	54.28	44.82	54.52	63.66	625.79		625.79		
NTPC (SR) Stage III		0.00	0.00	12.03	16.49	14.71	13.86	12.66	14.92	14.35	16.31	15.75	16.54	147.61		147.61		
<b>Total NTPC(SR)</b>		<b>57.90</b>	<b>54.08</b>	<b>73.70</b>	<b>82.07</b>	<b>63.58</b>	<b>49.07</b>	<b>52.94</b>	<b>59.81</b>	<b>68.63</b>	<b>61.13</b>	<b>70.28</b>	<b>80.21</b>	<b>773.41</b>	<b>0.00</b>	<b>773.41</b>		

<b>NTPC (ER)</b>																
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
NTPC(ER)-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
NTPC - LPSC		0.00	0.00	0.00	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-Talcher-ST II		39.38	42.48	39.42	42.71	37.20	32.49	38.59	29.28	35.35	33.04	30.55	42.57	443.05		443.05
Others														0.00		0.00
<b>Total NTPC(ER)</b>		<b>39.38</b>	<b>42.48</b>	<b>39.42</b>	<b>42.71</b>	<b>37.20</b>	<b>32.49</b>	<b>38.59</b>	<b>29.28</b>	<b>35.35</b>	<b>33.04</b>	<b>30.55</b>	<b>42.57</b>	<b>443.05</b>	<b>0.00</b>	<b>443.05</b>
<b>Total NTPC</b>		<b>97.29</b>	<b>96.56</b>	<b>113.12</b>	<b>124.78</b>	<b>100.78</b>	<b>81.56</b>	<b>91.53</b>	<b>89.09</b>	<b>103.98</b>	<b>94.17</b>	<b>100.83</b>	<b>122.78</b>	<b>1216.46</b>	<b>0.00</b>	<b>1216.46</b>
<b>NLC TS-II</b>																
Stage-I		10.21	8.53	9.82	3.88	4.15	5.11	2.53	4.88	7.48	9.49	9.49	11.29	86.85		86.85
Stage-II		15.04	9.26	12.85	0.20	0.00	3.68	2.97	5.54	7.15	8.97	11.62	15.43	92.71		92.71
<b>Total NLC</b>		<b>25.25</b>	<b>17.79</b>	<b>22.66</b>	<b>4.08</b>	<b>4.15</b>	<b>8.79</b>	<b>5.50</b>	<b>10.42</b>	<b>14.63</b>	<b>18.46</b>	<b>21.11</b>	<b>26.72</b>	<b>179.56</b>	<b>0.00</b>	<b>179.56</b>
<b>NPC</b>																
NPC-MAPS		1.90	1.83	1.90	1.84	2.07	1.97	1.72	0.71	1.93	1.59	1.12	1.89	20.49		20.49
NPC-Kudankulam		9.08	7.77	10.07	6.82	9.00	9.94	10.34	10.09	8.54	5.03	0.00	0.00	86.68		86.68
NPC-Kaiga-I&II		19.80	23.68	28.58	29.19	29.94	28.86	29.28	26.41	17.43	23.84	23.08	29.73	309.82		309.82
<b>Total NPC</b>		<b>30.77</b>	<b>33.28</b>	<b>40.55</b>	<b>37.86</b>	<b>41.02</b>	<b>40.77</b>	<b>41.34</b>	<b>37.21</b>	<b>27.90</b>	<b>30.46</b>	<b>24.21</b>	<b>31.62</b>	<b>416.99</b>	<b>0.00</b>	<b>416.99</b>
<b>NTPC - Simhadri</b>																
NTPC Simhadri Stage I		41.49	3.36	0.81	67.66	25.54	29.63	11.00	0.65	17.31	72.70	91.48	110.71	472.36		472.36
NTPC Simhadri Stage II		33.32	25.71	36.67	34.83	17.08	19.35	4.11	1.84	21.47	39.13	43.17	45.05	321.73		321.73
<b>Total NTPC- Simhadri</b>		<b>74.81</b>	<b>29.07</b>	<b>37.49</b>	<b>102.49</b>	<b>42.62</b>	<b>48.98</b>	<b>15.11</b>	<b>2.49</b>	<b>38.78</b>	<b>111.83</b>	<b>134.65</b>	<b>155.76</b>	<b>794.09</b>	<b>0.00</b>	<b>794.09</b>
<b>CGS - New</b>																
NTPC KUDIGI I		5.98	0.00	0.00	0.00	0.00	4.26	0.00	0.00	16.65	45.09	38.04	48.55	158.57		158.57
NTECL - VALLURU		4.18	3.22	0.88	0.02	0.00	0.07	0.72	1.77	5.06	13.38	18.10	16.69	64.09		64.09
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
NLC Tamilnadu Power Ltd		24.33	17.64	26.60	25.27	17.69	17.76	15.04	13.38	10.43	21.35	24.53	23.40	237.42		237.42
NNTPS		4.28	5.03	4.11	5.61	2.00	4.24	4.52	4.51	3.63	3.89	5.47	8.63	55.91		55.91
														0.00		0.00
<b>TOTAL CGS</b>		<b>266.89</b>	<b>202.59</b>	<b>245.41</b>	<b>300.11</b>	<b>208.26</b>	<b>206.43</b>	<b>173.75</b>	<b>158.87</b>	<b>221.06</b>	<b>338.63</b>	<b>366.95</b>	<b>434.14</b>	<b>3123.09</b>	<b>0.00</b>	<b>3123.09</b>
<b>APGPCL</b>																
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
<b>Total APTGCL</b>		<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
<b>IPPS</b>																
Thermal Power Tech Unit I		115.67	122.15	78.96	30.82	88.22	117.52	120.08	90.66	123.71	123.93	106.70	120.41	1238.83		1238.83
Thermal Power Tech Unit II		52.13	53.20	35.85	14.45	40.26	48.63	51.97	38.36	55.35	55.83	50.36	56.92	553.30		553.30
<b>TOTAL IPPS</b>		<b>167.80</b>	<b>175.36</b>	<b>114.81</b>	<b>45.27</b>	<b>128.48</b>	<b>166.15</b>	<b>172.05</b>	<b>129.01</b>	<b>179.06</b>	<b>179.76</b>	<b>157.06</b>	<b>177.32</b>	<b>1792.13</b>	<b>0.00</b>	<b>1792.13</b>
<b>NCE</b>																
NCE - Bio-Mass		9.62	8.74	7.97	6.85	8.40	8.53	9.24	4.84	9.86	10.54	10.69	8.13	103.40		103.40
NCE - Bagasse		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.25	6.27	8.03	4.01	0.00	18.56		18.56
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		3.86	2.04	3.72	3.13	3.09	2.16	0.00	0.38	3.89	3.95	4.45	3.93	34.60		34.60
NCE - Mini Hydel		0.18	0.03	0.07	0.00	0.02	0.21	0.05	0.19	0.14	0.43	0.26	0.18	1.74		1.74
NCE - Solar		158.79	151.87	137.03	121.06	107.68	124.82	110.19	152.04	131.86	137.19	156.93	138.41	1627.87		1627.87
NVNL B.P-Solar		2.26	1.99	1.21	0.70	0.82	0.89	0.99	0.57	0.77	1.32	1.55	2.17	15.25		15.25
NSM-Solar Phase II		23.96	22.86	21.71	18.23	14.37	12.02	20.80	14.61	25.04	21.01	17.33	28.10	240.03		240.03
<b>TOTAL NCE</b>		<b>198.67</b>	<b>187.53</b>	<b>171.72</b>	<b>149.96</b>	<b>134.38</b>	<b>148.63</b>	<b>141.26</b>	<b>172.88</b>	<b>177.82</b>	<b>182.46</b>	<b>195.22</b>	<b>180.93</b>	<b>2041.45</b>	<b>0.00</b>	<b>2041.45</b>

<b>OTHERS</b>																
Singareni CCL I&II		170.90	194.70	11.84	108.67	180.19	178.78	203.14	209.20	215.11	237.23	137.19	177.63	2024.59		2024.59
CSPDCL		86.86	87.55	85.11	103.74	136.63	80.51	64.13	121.83	96.49	27.48	16.26	57.99	964.58		964.58
NSM-Coal Phase II		31.44	28.11	22.78	27.01	27.09	29.52	28.44	21.69	24.47	30.03	30.47	39.45	340.51		340.51
NVVNL B.P-Coal		4.52	4.16	6.07	5.56	3.80	3.35	7.13	-1.57	5.43	6.79	6.56	8.20	60.00		60.00
<b>TOTAL OTHERS</b>		<b>293.72</b>	<b>314.52</b>	<b>125.79</b>	<b>244.98</b>	<b>347.72</b>	<b>292.16</b>	<b>302.84</b>	<b>351.16</b>	<b>341.51</b>	<b>301.54</b>	<b>190.47</b>	<b>283.28</b>	<b>3389.68</b>	<b>0.00</b>	<b>3389.68</b>
<b>MARKET</b>																
														0.00		0.00
UI-SRPC/Deviation Charges		9.84	9.30	18.37	15.83	14.21	11.66	13.16	7.07	11.97	13.70	12.63	16.46	154.20		154.20
Other Short Term Sources		88.58	53.24	222.78	262.20	205.89	109.23	18.85	4.99	109.61	413.71	484.40	668.97	2642.45		2642.45
D-D Purchases/UI		248.44	4.12	7.30	204.57	389.35	96.29	24.50	-2.65	134.74	462.70	480.27	411.16	2460.80		2460.80
Interstate/D to D Sales/UI		-16.07	-84.55	-89.76	-26.75	-44.44	-70.31	-112.51	-133.18	-74.72	-40.91	-8.18	-53.64	-755.01		-755.01
PTC														0.00		0.00
														0.00		0.00
														0.00		0.00
<b>TOTAL MARKET</b>		<b>330.79</b>	<b>-17.88</b>	<b>158.69</b>	<b>455.85</b>	<b>565.00</b>	<b>146.87</b>	<b>-55.99</b>	<b>-123.77</b>	<b>181.60</b>	<b>849.20</b>	<b>969.12</b>	<b>1042.95</b>	<b>4502.43</b>	<b>0.00</b>	<b>4502.43</b>
<b>TOTAL (From All Sources)</b>		<b>1660.35</b>	<b>1301.02</b>	<b>1229.78</b>	<b>1778.77</b>	<b>1998.89</b>	<b>1563.85</b>	<b>1336.34</b>	<b>1165.75</b>	<b>1680.45</b>	<b>2488.87</b>	<b>2519.51</b>	<b>2905.26</b>	<b>21628.85</b>	<b>0.00</b>	<b>21628.85</b>

2021-22

Generating Station	D Link	Gross Energy Availability (MU)													Yearly Auxiliary Consumption (MU)	Net Energy Availability (MU)		
		April	May	June	July	August	September	October	November	December	January	February	March	Total				
<b>TSGENCO</b>																		
<b>Thermal</b>																		
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	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	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	0.00
KTPS D		86.25	31.18	26.74	44.99	79.11	73.42	83.59	80.90	83.59	83.59	75.50	83.59	832.48			832.48	
KTPS Stage VI		91.40	80.28	84.95	81.02	94.73	81.37	92.47	89.49	26.85	23.86	83.52	92.47	922.40			922.40	
RTS B		8.71	6.62	2.31	4.37	7.32	4.38	2.25	9.65	9.97	9.97	9.01	9.97	84.53			84.53	
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		88.31	86.95	86.04	75.52	86.17	69.94	85.77	83.01	85.77	85.77	52.57	55.34	941.16			941.16	
Kakatiya Thermal Power Plant Stage II		106.35	52.03	37.45	97.65	96.83	83.33	108.20	0.00	90.75	108.20	97.73	108.20	986.72			986.72	
BTPS (Manuguru New Project) - Unit 1		30.47	34.20	31.63	35.09	36.47	38.91	46.01	44.53	46.01	46.01	41.56	46.01	476.90			476.90	
BTPS (Manuguru New Project) - Unit 2		30.47	34.20	31.63	35.09	36.47	38.91	46.01	44.53	46.01	46.01	41.56	46.01	476.90			476.90	
BTPS (Manuguru New Project) - Unit 3		30.47	34.20	31.63	35.09	36.47	38.91	46.01	44.53	46.01	46.01	41.56	46.01	476.90			476.90	
BTPS (Manuguru New Project) - Unit 4		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	46.01	41.56	46.01	133.58			133.58	
KTPS VII		119.18	158.96	144.66	142.42	146.94	125.21	149.36	144.54	149.36	130.09	57.82	149.36	1617.90			1617.90	
														0.00			0.00	
														0.00			0.00	
														0.00			0.00	
<b>TOTAL THERMAL</b>		<b>591.61</b>	<b>518.64</b>	<b>477.03</b>	<b>551.23</b>	<b>620.51</b>	<b>554.39</b>	<b>659.68</b>	<b>541.16</b>	<b>584.33</b>	<b>625.53</b>	<b>542.38</b>	<b>682.98</b>	<b>6949.46</b>	<b>0.00</b>		<b>6949.46</b>	
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		9.93	7.79	11.60	53.11	152.68	113.59	57.73	52.48	46.65	37.90	26.24	14.58	584.27			584.27	
NSRCPH														0.00			0.00	
NSLCPH		0.73	0.57	0.85	3.91	11.23	8.35	4.37	4.08	2.92	2.04	1.46	1.17	41.67			41.67	
POCHAMPAD PH		0.98	-0.01	0.04	1.02	2.97	1.09	3.21	0.44	1.17	2.04	2.33	2.04	17.31			17.31	
NIZAMSAGAR PH		0.14	-0.01	-0.01	0.22	0.30	0.96	1.17	0.29	0.87	0.87	0.73	1.02	6.55			6.55	
PABM														0.00			0.00	
MINI HYDRO&OTHERS														0.00			0.00	
SINGUR		0.54	-0.01	0.02	0.57	1.65	0.60	1.75	0.29	0.00	0.29	0.29	0.29	6.30			6.30	
SSLM LCPH		5.42	-0.01	14.08	83.32	138.38	118.69	59.94	24.44	16.59	14.84	18.91	20.37	514.97			514.97	
Nagarjunasagar Tail Pond Dam Power House														0.00			0.00	
Priyadarshini Jurala Hydro Electric Project- TS Share		-0.02	-0.03	6.38	3.47	11.87	13.50	29.16	17.49	0.00	0.00	0.00	0.00	81.82			81.82	
Lower Jurala Hydro Electric Project		0.00	-0.07	7.94	10.06	18.84	35.23	29.16	5.83	0.29	0.29	0.15	0.15	107.87			107.87	
POCHAMPAD Stage-II		0.00	0.00	0.00	0.40	0.90	6.88	0.87	0.15	0.29	0.87	0.58	0.87	11.83			11.83	
PULICHINTAL(New Project)		2.52	0.75	0.09	8.81	14.96	17.10	8.75	8.75	4.37	2.92	2.92	2.92	74.85			74.85	
Ramagiri Wind Mills														0.00			0.00	
Pochampad Stage-IV														0.00			0.00	
Mini Hydel & Others (Peddapalli, Palair)		0.10	-0.01	-0.01	-0.01	0.15	0.17	0.17	0.13	0.13	0.30	0.30	0.30	1.72			1.72	
<b>TOTAL HYDRO</b>		<b>20.34</b>	<b>8.98</b>	<b>40.99</b>	<b>164.87</b>	<b>353.92</b>	<b>316.17</b>	<b>196.27</b>	<b>114.37</b>	<b>73.27</b>	<b>62.37</b>	<b>53.91</b>	<b>43.70</b>	<b>1449.16</b>	<b>0.00</b>		<b>1449.16</b>	
<b>TOTAL TSGENCO</b>		<b>611.95</b>	<b>527.62</b>	<b>518.02</b>	<b>716.10</b>	<b>974.42</b>	<b>870.55</b>	<b>855.95</b>	<b>655.53</b>	<b>657.60</b>	<b>687.90</b>	<b>596.29</b>	<b>726.68</b>	<b>8398.62</b>	<b>0.00</b>		<b>8398.62</b>	
<b>Central Generating Stations</b>																		
<b>NTPC</b>																		
<b>NTPC (SR)</b>																		
NTPC (SR)		60.28	52.46	54.88	46.93	58.83	54.44	64.28	63.66	47.44	64.28	60.36	64.28	692.11			692.11	
NTPC (SR) Stage III		17.02	15.22	15.36	13.48	17.19	15.50	18.00	17.41	18.00	0.73	11.28	18.00	177.19			177.19	
<b>Total NTPC(SR)</b>		<b>77.30</b>	<b>67.69</b>	<b>70.24</b>	<b>60.41</b>	<b>76.02</b>	<b>69.94</b>	<b>82.27</b>	<b>81.07</b>	<b>65.43</b>	<b>65.00</b>	<b>71.65</b>	<b>82.27</b>	<b>869.29</b>	<b>0.00</b>		<b>869.29</b>	



<b>NTPC (ER)</b>																
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		39.49	38.21	39.19	36.25	31.09	37.23	31.63	40.19	43.16	43.18	39.13	43.41	462.17		462.17
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
<b>Total NTPC(ER)</b>		<b>39.49</b>	<b>38.21</b>	<b>39.19</b>	<b>36.25</b>	<b>31.09</b>	<b>37.23</b>	<b>31.63</b>	<b>40.19</b>	<b>43.16</b>	<b>43.18</b>	<b>39.13</b>	<b>43.41</b>	<b>462.17</b>	<b>0.00</b>	<b>462.17</b>
<b>Total NTPC</b>		<b>116.79</b>	<b>105.90</b>	<b>109.43</b>	<b>96.66</b>	<b>107.11</b>	<b>107.17</b>	<b>113.90</b>	<b>121.27</b>	<b>108.59</b>	<b>108.19</b>	<b>110.78</b>	<b>125.68</b>	<b>1331.46</b>	<b>0.00</b>	<b>1331.46</b>
<b>NLC TS-II</b>																
Stage-I		9.67	8.54	9.42	7.62	7.38	7.96	9.60	9.96	7.09	10.15	9.82	10.87	108.09		108.09
Stage-II		13.54	12.93	15.18	10.65	18.92	15.82	13.93	13.67	18.57	17.79	17.53	19.39	187.90		187.90
<b>Total NLC</b>		<b>23.21</b>	<b>21.47</b>	<b>24.60</b>	<b>18.27</b>	<b>26.29</b>	<b>23.78</b>	<b>23.53</b>	<b>23.63</b>	<b>25.66</b>	<b>27.94</b>	<b>27.35</b>	<b>30.26</b>	<b>295.99</b>	<b>0.00</b>	<b>295.99</b>
<b>NPC</b>																
NPC-MAPS		0.20	0.00	0.00	1.58	1.38	0.00	1.49	1.41	1.49	1.49	1.31	1.49	11.85		11.85
NPC-Kaiga unit I		12.19	13.55	13.23	12.29	11.14	13.20	9.69	11.15	11.56	11.56	10.40	5.78	135.74		135.74
NPC-Kaiga unit II		12.93	14.38	14.04	13.04	11.82	14.01	12.28	11.84	12.28	12.28	11.04	12.28	152.22		152.22
<b>Total NPC</b>		<b>25.32</b>	<b>27.92</b>	<b>27.27</b>	<b>26.91</b>	<b>24.34</b>	<b>27.21</b>	<b>23.46</b>	<b>24.40</b>	<b>25.33</b>	<b>25.33</b>	<b>22.75</b>	<b>19.55</b>	<b>299.81</b>	<b>0.00</b>	<b>299.81</b>
<b>NTPC - Simhadri</b>																
NTPC Simhadri Stage I		96.69	22.77	27.08	94.14	98.42	71.17	80.18	71.28	108.90	108.90	98.36	108.90	986.77		986.77
NTPC Simhadri Stage II		21.99	13.97	8.54	46.17	50.03	43.82	49.91	44.19	24.96	46.62	45.08	49.91	445.17		445.17
<b>Total NTPC- Simhadri</b>		<b>118.68</b>	<b>36.74</b>	<b>35.62</b>	<b>140.31</b>	<b>148.45</b>	<b>114.99</b>	<b>130.09</b>	<b>115.47</b>	<b>133.85</b>	<b>155.52</b>	<b>143.44</b>	<b>158.81</b>	<b>1431.95</b>	<b>0.00</b>	<b>1431.95</b>
<b>CGS - New</b>																
Vallur Thermal Power Plant		17.50	6.59	11.96	17.29	14.71	15.82	21.95	15.61	15.23	20.61	20.54	21.95	199.76		199.76
Tuticorin/NLC Tamilnadu Power Ltd		21.85	16.00	13.86	17.50	28.22	14.46	9.98	24.92	30.77	30.77	27.80	30.77	266.91		266.91
NPC-Kundnkulam		1.01	9.12	9.09	10.43	8.78	27.21	9.37	8.31	8.58	4.15	0.00	0.00	96.05		96.05
kudigi		24.17	0.00	9.60	13.52	20.89	24.37	35.67	34.52	39.13	53.51	48.33	53.51	357.21		357.21
Neyveli new unit - 1		4.62	4.11	3.96	5.79	3.36	4.99	4.56	5.25	4.98	5.57	5.02	5.57	57.80		57.80
Neyveli new unit - 2		4.62	4.11	3.96	5.79	3.36	4.99	4.56	5.25	4.98	5.57	5.02	5.57	57.80		57.80
<b>TOTAL CGS</b>		<b>357.78</b>	<b>231.98</b>	<b>249.34</b>	<b>352.47</b>	<b>385.52</b>	<b>364.99</b>	<b>377.08</b>	<b>378.62</b>	<b>397.12</b>	<b>437.16</b>	<b>411.03</b>	<b>451.67</b>	<b>4394.74</b>	<b>0.00</b>	<b>4394.74</b>
<b>APGPCL</b>																
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	0.00	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		0.00	0.00	0.00	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>Total APGPCL</b>		<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
<b>IPPS</b>																
Thermal Power Tech Unit I		56.61	52.55	46.09	59.29	58.48	51.22	59.04	45.31	59.04	59.04	53.33	59.04	659.03		659.03
Thermal Power Tech Unit II		120.31	120.43	103.16	116.75	123.68	103.48	124.89	95.84	124.89	124.89	112.81	124.89	1396.02		1396.02
<b>TOTAL IPPS</b>		<b>176.93</b>	<b>172.98</b>	<b>149.25</b>	<b>176.04</b>	<b>182.16</b>	<b>154.70</b>	<b>183.93</b>	<b>141.15</b>	<b>183.93</b>	<b>183.93</b>	<b>166.13</b>	<b>183.93</b>	<b>2055.06</b>	<b>0.00</b>	<b>2055.06</b>
<b>NCE</b>																
NCE - Bio-Mass		6.14	7.44	9.66	7.56	5.52	5.67	5.84	2.23	6.23	6.47	6.74	4.56	74.06		74.06
NCE - Bagasse		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.25	6.27	8.03	4.01	0.00	18.56		18.56
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		1.04	4.48	4.60	4.47	4.09	1.84	2.16	2.16	3.89	3.95	4.45	3.93	41.05		41.05
NCE - Mini Hydel		0.19	0.00	0.00	0.00	0.06	0.00	0.05	0.19	0.14	0.43	0.00	0.00	1.04		1.04
NCE - Solar		166.27	152.39	138.89	110.50	125.82	115.28	112.31	146.06	131.86	137.19	152.18	144.97	1633.72		1633.72
NCE - Bundled Power NVVNL (solar) JNNSM Ph 1		1.85	1.69	1.26	0.78	0.66	0.64	0.99	0.57	0.77	1.32	1.55	2.17	14.24		14.24
NCE - Bundled Power (Solar) (NTPC 400 MW)		20.37	24.05	20.67	25.65	11.54	19.85	16.69	20.31	21.04	20.21	22.35	22.91	245.64		245.64
<b>TOTAL NCE</b>		<b>195.86</b>	<b>190.05</b>	<b>175.07</b>	<b>148.95</b>	<b>147.67</b>	<b>143.29</b>	<b>138.03</b>	<b>171.77</b>	<b>170.19</b>	<b>177.60</b>	<b>191.29</b>	<b>178.55</b>	<b>2028.32</b>	<b>0.00</b>	<b>2028.32</b>

<b>OTHERS</b>																
Singareni CCL I&II		231.36	220.23	215.23	187.09	159.62	218.44	242.85	235.02	242.85	242.85	219.35	242.85	2657.76		2657.76
CSPDCL		96.40	113.42	93.16	36.93	42.98	19.44	158.82	153.69	158.82	158.82	143.45	158.82	1334.74		1334.74
NCE-Bundled Power (NVVNL) coal		6.08	4.13	4.00	4.60	5.50	5.25	8.25	8.25	8.25	8.25	8.25	8.25	79.09		79.09
NCE - Bundled Power (Coal) ( NTPC 200 MW)		27.48	36.49	25.23	18.85	27.26	29.80	34.78	33.66	34.78	34.78	31.42	34.78	369.33		369.33
SECI 400 MW		0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.24	5.49	5.49	5.24	5.49	26.95		26.95
														0.00		0.00
<b>TOTAL OTHERS</b>		<b>361.32</b>	<b>374.27</b>	<b>337.61</b>	<b>247.47</b>	<b>235.37</b>	<b>272.92</b>	<b>444.71</b>	<b>435.87</b>	<b>450.20</b>	<b>450.20</b>	<b>407.71</b>	<b>450.20</b>	<b>4467.87</b>	<b>0.00</b>	<b>4467.87</b>
<b>MARKET</b>																
Surplus		-50.28	-108.52	-46.05	-78.13	-133.05	-243.55							-659.57		-659.57
UI														0.00		0.00
Other Short Term Sources		185.93	29.40	114.28	96.35	116.81	41.89	0.00	0.00	0.00	0.00	0.00	0.00	584.67		584.67
D-D purchase/ sale		145.35	-97.60	-12.32	412.79	59.41	-43.13	0.00	0.00	0.00	0.00	0.00	0.00	464.51		464.51
PTC		59.77	0.00	0.00	34.17	24.82	40.99	0.00	0.00	0.00	0.00	92.52	102.43	354.71		354.71
Interest on Pension Bonds														0.00		0.00
Reactive														0.00		0.00
Wheeling KPTCL														0.00		0.00
Wheeling Tantransco/Asset Maintenance														0.00		0.00
Conjestion charges														0.00		0.00
<b>TOTAL MARKET</b>		<b>340.78</b>	<b>-176.71</b>	<b>55.91</b>	<b>465.18</b>	<b>68.00</b>	<b>-203.80</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>92.52</b>	<b>102.43</b>	<b>744.32</b>	<b>0.00</b>	<b>744.32</b>
<b>TOTAL (From All Sources)</b>		<b>2044.62</b>	<b>1320.19</b>	<b>1485.20</b>	<b>2106.21</b>	<b>1993.14</b>	<b>1602.66</b>	<b>1999.70</b>	<b>1782.93</b>	<b>1859.04</b>	<b>1936.80</b>	<b>1864.97</b>	<b>2093.46</b>	<b>22088.92</b>	<b>0.00</b>	<b>22088.92</b>

2022-23

Generating Station	D Link	Gross Energy Availability (MU)													Yearly Auxiliary Consumption	Net Energy Availability		
		April	May	June	July	August	September	October	November	December	January	February	March	Total				
<b>TSGENCO</b>																		
<b>Thermal</b>																		
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			0.00	0.00	0.00	0.00	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			79.40	82.05	79.40	68.44	68.44	79.40	82.05	79.40	82.05	82.05	74.11	82.05	938.85		938.85	
KTPS Stage VI			78.45	81.07	78.45	81.07	81.07	81.07	78.45	81.07	78.45	81.07	73.22	81.07	954.53		954.53	
RTS B			9.49	9.81	9.49	9.81	9.81	9.49	9.81	9.49	3.16	9.81	8.86	9.81	108.87		108.87	
NTS															0.00		0.00	
Kakatiya Thermal Power Plant Stage I			78.45	81.07	78.45	81.07	81.07	78.45	81.07	78.45	81.07	81.07	73.22	81.07	954.53		954.53	
Kakatiya Thermal Power Plant Stage II			94.65	97.81	94.65	97.81	97.81	94.65	97.81	94.65	97.81	97.81	88.34	97.81	1151.63		1151.63	
BTPS (Manuguru New Project) - Unit 1			46.27	47.82	46.27	37.34	47.82	46.27	47.82	46.27	37.34	47.82	43.19	47.82	542.03		542.03	
BTPS (Manuguru New Project) - Unit 2			46.27	47.82	46.27	37.34	47.82	46.27	47.82	46.27	37.34	47.82	43.19	47.82	542.03		542.03	
BTPS (Manuguru New Project) - Unit 3			46.27	47.82	46.27	37.34	47.82	46.27	47.82	46.27	37.34	47.82	43.19	47.82	542.03		542.03	
BTPS (Manuguru New Project) - Unit 4			44.53	46.01	44.53	46.01	46.01	44.53	46.01	44.53	46.01	46.01	41.56	46.01	541.74		541.74	
KTPS VII			136.62	141.17	136.62	141.17	141.17	136.62	141.17	136.62	141.17	141.17	127.51	141.17	1662.18		1662.18	
YTPS - I			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	141.17	141.17		141.17	
<b>TOTAL THERMAL</b>			<b>660.42</b>	<b>682.44</b>	<b>660.42</b>	<b>637.40</b>	<b>668.83</b>	<b>660.42</b>	<b>682.44</b>	<b>660.42</b>	<b>644.36</b>	<b>682.44</b>	<b>616.39</b>	<b>823.61</b>	<b>8079.60</b>	<b>0.00</b>	<b>8079.60</b>	
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			15.82	11.07	15.82	47.46	58.84	80.99	62.64	56.95	50.62	41.13	20.56	12.65	474.56		474.56	
NSRCPH															0.00		0.00	
NSLCPH			0.29	0.00	0.00	0.00	2.02	4.05	4.05	3.18	1.73	1.16	0.58	0.29	17.34		17.34	
POCHAMPAD PH			0.47	0.00	0.00	1.18	1.66	2.37	2.37	2.37	1.90	1.90	1.90	1.66	17.77		17.77	
NIZAMSAGAR PH			0.63	0.00	0.00	0.32	0.63	0.63	0.63	0.00	0.32	0.63	0.63	0.63	5.04		5.04	
PABM															0.00		0.00	
MINI HYDRO&OTHERS															0.00		0.00	
SINGUR			0.31	0.00	0.09	0.06	0.16	1.25	1.25	0.31	0.00	0.31	0.31	0.31	4.36		4.36	
SSLM LCPH			14.49	7.87	6.30	25.82	95.73	105.50	78.73	28.34	22.04	27.08	24.88	9.45	446.23		446.23	
Nagarjunasagar Tail Pond Dam Power House															0.00		0.00	
Priyadarshini Jurala Hydro Electric Project- TS Share			0.00	0.00	0.00	3.27	9.67	11.23	9.35	8.58	3.12	4.68	0.00	0.00	49.89		49.89	
Lower Jurala Hydro Electric Project			0.00	0.00	0.00	10.97	21.94	21.94	18.81	15.67	6.27	4.70	0.00	0.00	100.32		100.32	
POCHAMPAD Stage-II			0.15	0.00	0.00	0.39	0.54	0.77	0.77	0.77	0.62	0.62	0.62	0.54	5.78		5.78	
PULICHINTAL(New Project)			3.15	0.00	0.00	0.00	7.87	9.45	9.45	9.45	4.72	3.15	3.15	3.15	53.52		53.52	
Ramagiri Wind Mills															0.00		0.00	
Pochampad Stage-IV															0.00		0.00	
Mini Hydel & Others (Peddapalli, Palair)			0.23	0.00	0.00	0.00	0.29	0.37	0.37	0.27	0.27	0.46	0.46	0.46	3.18		3.18	
<b>TOTAL HYDRO</b>			<b>35.54</b>	<b>18.95</b>	<b>22.21</b>	<b>89.47</b>	<b>199.35</b>	<b>238.53</b>	<b>188.41</b>	<b>125.89</b>	<b>91.61</b>	<b>85.81</b>	<b>53.08</b>	<b>29.14</b>	<b>1178.00</b>	<b>0.00</b>	<b>1178.00</b>	
<b>TOTAL TSGENCO</b>			<b>695.96</b>	<b>701.38</b>	<b>682.63</b>	<b>726.88</b>	<b>868.19</b>	<b>898.96</b>	<b>870.85</b>	<b>786.31</b>	<b>735.97</b>	<b>768.25</b>	<b>669.48</b>	<b>852.75</b>	<b>9257.60</b>	<b>0.00</b>	<b>9257.60</b>	

<b>Central Generating Stations</b>																
<b>NTPC</b>																
<b>NTPC (SR)</b>																
NTPC (SR)		62.20	64.28	66.01	71.23	71.23	52.10	71.23	68.93	53.84	71.23	66.64	71.23	790.15	790.15	
NTPC (SR) Stage III		17.41	18.00	17.41	18.00	18.00	17.41	18.00	17.41	18.00	18.00	16.83	18.00	212.46	212.46	
<b>Total NTPC(SR)</b>		<b>79.62</b>	<b>82.27</b>	<b>83.43</b>	<b>89.23</b>	<b>89.23</b>	<b>69.51</b>	<b>89.23</b>	<b>86.35</b>	<b>71.83</b>	<b>89.23</b>	<b>83.47</b>	<b>89.23</b>	<b>1002.60</b>	<b>0.00</b>	<b>1002.60</b>
<b>NTPC (ER)</b>																
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	
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	
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		41.68	43.10	41.68	36.00	37.48	29.80	43.10	41.68	43.10	43.10	38.84	43.10	482.67	482.67	
Others														0.00	0.00	
<b>Total NTPC(ER)</b>		<b>41.68</b>	<b>43.10</b>	<b>41.68</b>	<b>36.00</b>	<b>37.48</b>	<b>29.80</b>	<b>43.10</b>	<b>41.68</b>	<b>43.10</b>	<b>43.10</b>	<b>38.84</b>	<b>43.10</b>	<b>482.67</b>	<b>0.00</b>	<b>482.67</b>
<b>Total NTPC</b>		<b>121.30</b>	<b>125.37</b>	<b>125.11</b>	<b>125.23</b>	<b>126.71</b>	<b>99.31</b>	<b>132.33</b>	<b>128.03</b>	<b>114.93</b>	<b>132.33</b>	<b>122.31</b>	<b>132.33</b>	<b>1485.27</b>	<b>0.00</b>	<b>1485.27</b>
<b>NLC TS-II</b>																
Stage-I		10.57	10.96	9.52	7.62	7.31	7.40	10.27	10.35	10.73	10.98	9.82	10.98	116.50	116.50	
Stage-II		18.98	18.12	16.15	19.53	19.53	18.98	15.30	14.22	14.56	16.56	17.64	19.53	209.12	209.12	
<b>Total NLC</b>		<b>29.55</b>	<b>29.08</b>	<b>25.67</b>	<b>27.15</b>	<b>26.85</b>	<b>26.37</b>	<b>25.57</b>	<b>24.57</b>	<b>25.29</b>	<b>27.55</b>	<b>27.46</b>	<b>30.52</b>	<b>325.62</b>	<b>0.00</b>	<b>325.62</b>
<b>NPC</b>																
NPC-MAPS		1.41	1.47	1.41	1.47	1.47	1.41	1.47	1.41	1.47	1.47	1.31	1.47	17.29	17.29	
NPC-Kaiga unit I		8.73	11.56	11.15	11.56	11.56	11.15	11.56	11.15	11.56	11.56	10.40	11.56	133.51	133.51	
NPC-Kaiga unit II		11.84	12.28	11.84	12.28	12.28	11.84	12.28	11.84	7.11	8.48	11.04	9.67	132.79	132.79	
<b>Total NPC</b>		<b>21.99</b>	<b>25.32</b>	<b>24.40</b>	<b>25.32</b>	<b>25.32</b>	<b>24.40</b>	<b>25.32</b>	<b>24.40</b>	<b>20.15</b>	<b>21.52</b>	<b>22.75</b>	<b>22.71</b>	<b>283.60</b>	<b>0.00</b>	<b>283.60</b>
<b>NTPC - Simhadri</b>																
NTPC Simhadri Stage I		105.38	108.87	76.66	83.80	108.87	105.38	108.87	105.38	108.87	108.87	98.40	108.87	1228.23	1228.23	
NTPC Simhadri Stage II		48.30	49.90	48.30	49.90	49.90	48.30	49.90	31.06	42.48	49.90	45.10	49.90	562.95	562.95	
<b>Total NTPC- Simhadri</b>		<b>153.68</b>	<b>158.77</b>	<b>124.96</b>	<b>133.70</b>	<b>158.77</b>	<b>153.68</b>	<b>158.77</b>	<b>136.44</b>	<b>151.35</b>	<b>158.77</b>	<b>143.50</b>	<b>158.77</b>	<b>1791.17</b>	<b>0.00</b>	<b>1791.17</b>
<b>CGS - New</b>																
Vallur Thermal Power Plant		21.24	21.95	21.24	21.95	21.95	19.94	21.95	14.09	17.02	21.95	20.54	21.95	245.80	245.80	
Tuticorin/NLC Tamilnadu Power Ltd		27.85	28.78	27.85	28.78	14.85	20.89	28.78	24.61	28.78	28.78	25.98	28.78	314.70	314.70	
NPC-Kundnkulam		8.31	8.58	8.31	8.58	8.58	8.31	8.58	8.31	8.58	8.58	0.00	0.00	84.72	84.72	
kudigi		54.66	56.48	54.66	56.48	37.65	37.62	56.48	54.66	56.48	56.48	51.02	56.48	629.17	629.17	
Neyveli new unit - 1		5.28	5.46	3.07	5.43	5.43	5.25	5.25	5.10	3.14	5.47	4.96	5.47	59.30	59.30	
Neyveli new unit - 2		5.28	5.46	3.07	5.43	5.43	5.25	5.25	5.10	3.14	5.47	4.96	5.47	59.30	59.30	
<b>TOTAL CGS</b>		<b>443.85</b>	<b>459.79</b>	<b>415.27</b>	<b>432.62</b>	<b>426.12</b>	<b>395.77</b>	<b>463.02</b>	<b>420.22</b>	<b>425.73</b>	<b>461.42</b>	<b>418.51</b>	<b>457.01</b>	<b>5278.64</b>	<b>0.00</b>	<b>5278.64</b>
<b>APGPCL</b>																
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	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	0.00	
<b>Total APGPCL</b>		<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
<b>IPPS</b>																
Thermal Power Tech Unit I		54.28	56.09	54.28	56.09	56.09	54.28	56.09	54.28	56.09	56.09	50.66	56.09	660.38	660.38	
Thermal Power Tech Unit II		114.82	118.65	114.82	118.65	118.65	114.82	118.65	114.82	118.65	118.65	107.17	118.65	1396.97	1396.97	
<b>TOTAL IPPS</b>		<b>169.10</b>	<b>174.73</b>	<b>169.10</b>	<b>174.73</b>	<b>174.73</b>	<b>169.10</b>	<b>174.73</b>	<b>169.10</b>	<b>174.73</b>	<b>174.73</b>	<b>157.82</b>	<b>174.73</b>	<b>2057.35</b>	<b>0.00</b>	<b>2057.35</b>
<b>NCE</b>																
NCE - Bio-Mass		3.00	3.65	5.98	4.31	5.52	5.52	5.84	2.23	0.00	0.00	0.00	0.00	36.03	36.03	
NCE - Bagasse		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.25	4.15	5.97	4.01	0.00	14.38	14.38	
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		1.04	4.48	4.60	4.47	4.09	4.09	2.16	2.16	3.89	3.95	4.45	3.93	43.30	43.30	
NCE - Mini Hydel		0.00	0.00	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		166.27	152.39	138.89	110.50	125.82	125.82	112.31	146.06	131.86	137.19	152.18	144.97	1644.26	1644.26	
NCE - Bundled Power NVVNL (solar) JNNSM Ph 1		1.85	1.69	1.26	0.78	0.66	0.66	0.99	0.57	0.77	1.32	1.55	2.17	14.27	14.27	
NCE - Bundled Power (Solar) (NTPC 400 MW)		22.81	22.50	20.05	16.16	18.41	18.41	16.69	20.31	21.04	20.21	22.35	22.91	241.85	241.85	
<b>TOTAL NCE</b>		<b>194.96</b>	<b>184.71</b>	<b>170.77</b>	<b>136.21</b>	<b>154.49</b>	<b>154.49</b>	<b>137.98</b>	<b>171.59</b>	<b>161.70</b>	<b>168.64</b>	<b>184.55</b>	<b>173.98</b>	<b>1994.08</b>	<b>0.00</b>	<b>1994.08</b>

<b>OTHERS</b>																
Singareni CCL I&II	235.02	242.85	235.02	242.85	121.43	160.60	242.85	235.02	242.85	242.85	219.35	242.85	2663.57	2663.57		
CSPDCL	153.69	158.82	153.69	158.82	158.82	153.69	158.82	153.69	158.82	158.82	143.45	158.82	1869.95	1869.95		
NCE-Bundled Power (NVVNL) coal	8.25	8.25	8.25	8.25	8.25	8.25	8.25	8.25	8.25	8.25	8.25	8.25	99.06	99.06		
NCE - Bundled Power (Coal) ( NTPC 200 MW)	33.66	34.78	33.66	34.78	34.78	33.66	34.78	33.66	34.78	34.78	31.42	34.78	409.56	409.56		
Telangana STPP (phase I)	0.00	0.00	0.00	0.00	0.00	0.00	117.46	113.67	117.46	234.93	212.19	234.93	1030.64	1030.64		
NTPC CPSU - 369 MW	0.00	13.16	12.73	15.49	15.49	56.08	57.95	68.17	70.44	70.44	63.62	70.44	513.99	513.99		
NTPC CPSU - 1323 MW	5.24	5.41	16.12	16.65	16.65	16.12	16.65	16.12	16.65	16.65	15.04	16.65	173.95	173.95		
													0.00	0.00		
<b>TOTAL OTHERS</b>	<b>435.87</b>	<b>463.28</b>	<b>459.48</b>	<b>476.85</b>	<b>355.42</b>	<b>428.40</b>	<b>636.78</b>	<b>628.59</b>	<b>649.27</b>	<b>766.73</b>	<b>693.33</b>	<b>766.73</b>	<b>6760.72</b>	<b>0.00</b>	<b>6760.72</b>	
<b>MARKET</b>																
Surplus													0.00	0.00		
UI													0.00	0.00		
Other Short Term Sources													0.00	0.00		
D-D purchase/ sale													0.00	0.00		
PTC	99.13	0.00	0.00	102.43	102.43	99.13	0.00	0.00	0.00	0.00	0.00	0.00	403.12	403.12		
Interest on Pension Bonds													0.00	0.00		
Reactive													0.00	0.00		
Wheeling KPTCL													0.00	0.00		
Wheeling Tantransco/Asset Maintenance													0.00	0.00		
Conjestion charges													0.00	0.00		
<b>TOTAL MARKET</b>	<b>99.13</b>	<b>0.00</b>	<b>0.00</b>	<b>102.43</b>	<b>102.43</b>	<b>99.13</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>403.12</b>	<b>0.00</b>	<b>403.12</b>	
<b>TOTAL (From All Sources)</b>	<b>2038.87</b>	<b>1983.90</b>	<b>1897.26</b>	<b>2049.72</b>	<b>2081.39</b>	<b>2145.85</b>	<b>2283.36</b>	<b>2175.80</b>	<b>2147.40</b>	<b>2339.78</b>	<b>2123.69</b>	<b>2425.20</b>	<b>25751.52</b>	<b>0.00</b>	<b>25751.52</b>	

Form 4.2  
Base Year

Energy Dispatch

Generating Station	D Link	Variable Cost (Rs. / kWh)	Energy Dispatch (MU)												Total	
			April	May	June	July	August	September	October	November	December	January	February	March		
<b>TSGENCO</b>																
<b>Thermal</b>																
VTPS I																0.00
VTPS II																0.00
VTPS III																0.00
VTPS IV																0.00
RTPP I																0.00
RTPP Stage-II																0.00
RTPP Stage-III																0.00
KTPS A																0.00
KTPS B																0.00
KTPS C			87.95	89.52	79.92	79.38	77.17	83.09	89.48	87.59	80.81	66.35	58.73	58.38		938.37
KTPS D			85.58	90.45	86.66	83.94	73.10	90.87	95.19	87.37	95.01	56.68	61.45	98.29		1004.59
KTPS Stage VI			80.37	94.42	73.86	75.52	76.17	88.57	97.44	95.89	98.05	95.32	86.84	84.75		1047.17
RTS B			8.93	9.60	8.08	9.86	5.79	3.71	10.70	10.28	10.89	10.38	9.71	10.91		108.83
Kakatiya Thermal Power Plant Stage I			97.49	92.92	99.15	90.65	85.75	75.81	95.43	96.33	82.89	89.44	89.68	88.41		1083.96
Kakatiya Thermal Power Plant Stage II			115.20	100.87	103.42	101.13	99.46	115.89	111.70	107.25	50.69	-0.91	61.83	105.61		1072.15
KTPS VII			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	14.29	136.46	150.21	251.58		552.54
BTPS (Manuguru New Project)																0.00
																0.00
<b>TOTAL THERMAL</b>			<b>475.54</b>	<b>477.77</b>	<b>451.09</b>	<b>440.48</b>	<b>417.44</b>	<b>457.94</b>	<b>499.95</b>	<b>484.71</b>	<b>432.62</b>	<b>453.73</b>	<b>518.44</b>	<b>697.91</b>		<b>5807.61</b>
MACHKUND PH AP Share																0.00
TUNGBHADRA PH AP Share																0.00
USL																0.00
LSR																0.00
DONKARAYI																0.00
SSLM																0.00
NSPH			1.37	2.29	2.12	3.74	16.20	30.22	17.81	5.65	4.81	8.01	9.42	10.64		112.27
NSRCPH																0.00
NSLCPH																0.00
POCHAMPAD Stg-1			0.08	-0.01	-0.01	-0.01	0.67	2.98	3.27	0.13	0.00	0.00	0.00	0.10		7.22
NIZAMSAGAR PH			0.23	0.06	-0.01	-0.01	-0.02	0.13	0.13	-0.01	0.66	0.47	-0.01	0.00		1.63
Small Hydel (pochampadu PH,singur)			0.08	-0.01	-0.01	-0.01	0.26	-0.01	-0.01	-0.01	0.01	-0.01	0.86	0.71		1.87
MINI HYDRO&OTHERS			0.06	-0.01	-0.01	-0.01	-0.01	0.11	0.14	0.04	-0.01	-0.01	0.02	0.01		0.33
SINGUR			0.00	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 LCPH			-0.08	-0.21	-0.18	8.65	123.78	56.72	50.34	11.40	26.55	11.00	-0.03	-0.16		287.79
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
Priyadarshini Jurala Hydro Electric Project- 6			-0.06	-0.06	-0.08	6.58	20.10	9.28	-0.01	-0.07	-0.04	-0.02	0.00	-0.02		35.61
Lower Jurala Hydro Electric Project			0.01	-0.08	-0.08	9.08	23.88	10.14	0.32	0.17	-0.07	-0.02	-0.06	-0.06		43.24
PULICHINTAL			0.00	0.00	0.00	0.00	0.00	4.30	1.73	-0.03	-0.03	-0.03	-0.02	-0.01		5.93
<b>TOTAL HYDRO</b>			<b>1.70</b>	<b>1.99</b>	<b>1.74</b>	<b>28.01</b>	<b>184.85</b>	<b>113.87</b>	<b>73.73</b>	<b>17.29</b>	<b>31.90</b>	<b>19.39</b>	<b>10.19</b>	<b>11.21</b>		<b>495.87</b>
<b>TOTAL TSGENCO</b>			<b>477.24</b>	<b>479.76</b>	<b>452.83</b>	<b>468.48</b>	<b>602.29</b>	<b>571.81</b>	<b>573.67</b>	<b>502.00</b>	<b>464.52</b>	<b>473.12</b>	<b>528.62</b>	<b>709.13</b>		<b>6303.48</b>

<b>Central Generating Stations</b>															
<b>NTPC</b>															
<b>NTPC (SR)</b>															
NTPC (SR) I & II			54.64	53.83	48.93	46.34	59.73	59.63	50.13	67.78	63.41	61.38	56.30	51.80	673.92
NTPC (SR) Stage III			13.21	14.50	15.45	16.92	16.07	15.45	16.98	8.76	3.19	16.41	13.93	16.42	167.28
<b>Total NTPC(SR)</b>			<b>67.85</b>	<b>68.33</b>	<b>64.38</b>	<b>63.27</b>	<b>75.80</b>	<b>75.07</b>	<b>67.11</b>	<b>76.55</b>	<b>66.61</b>	<b>77.79</b>	<b>70.23</b>	<b>68.22</b>	<b>841.21</b>
<b>NTPC (ER)</b>															
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
NTPC(ER)-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
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
Talcher Stage 2			37.87	39.43	35.45	26.31	27.67	27.66	28.14	36.15	41.00	39.30	34.98	42.30	416.28
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
<b>Total NTPC(ER)</b>			<b>37.87</b>	<b>39.43</b>	<b>35.45</b>	<b>26.31</b>	<b>27.67</b>	<b>27.66</b>	<b>28.14</b>	<b>36.15</b>	<b>41.00</b>	<b>39.30</b>	<b>34.98</b>	<b>42.30</b>	<b>416.28</b>
<b>Total NTPC</b>			<b>105.72</b>	<b>107.76</b>	<b>99.83</b>	<b>89.58</b>	<b>103.47</b>	<b>102.74</b>	<b>95.25</b>	<b>112.70</b>	<b>107.61</b>	<b>117.09</b>	<b>105.21</b>	<b>110.52</b>	<b>1257.49</b>
<b>NLC TS-II</b>															
Stage-I			3.67	6.18	6.50	7.74	5.73	9.58	9.60	7.97	9.61	9.89	9.07	9.26	94.79
Stage-II			6.37	9.06	10.66	13.71	11.83	16.66	17.66	18.78	17.33	17.74	15.76	17.32	172.89
<b>Total NLC</b>			<b>10.04</b>	<b>15.25</b>	<b>17.16</b>	<b>21.45</b>	<b>17.56</b>	<b>26.24</b>	<b>27.25</b>	<b>26.75</b>	<b>26.94</b>	<b>27.63</b>	<b>24.84</b>	<b>26.58</b>	<b>267.68</b>
<b>NPC</b>															
NPC-MAPS			2.73	1.98	1.92	1.89	2.04	1.84	1.72	1.06	0.00	0.00	1.01	1.82	18.01
NPC-Kudankulam			0.00	0.00	0.00	2.66	0.11	1.96	5.38	7.61	7.62	7.60	6.09	5.75	44.77
NPC-Kaiga-I&II			27.48	29.53	28.29	27.52	30.12	21.35	27.98	28.51	29.07	22.43	20.63	24.92	317.84
<b>Total NPC</b>			<b>30.21</b>	<b>31.51</b>	<b>30.21</b>	<b>32.06</b>	<b>32.27</b>	<b>25.15</b>	<b>35.07</b>	<b>37.18</b>	<b>36.69</b>	<b>30.03</b>	<b>27.73</b>	<b>32.49</b>	<b>380.62</b>
<b>NTPC - Simhadri</b>															
NTPC Simhadri Stage I			87.18	92.10	79.94	89.06	87.26	67.63	57.18	62.74	98.73	92.61	92.73	95.60	1002.76
NTPC Simhadri Stage II			23.60	18.15	13.07	29.66	14.33	25.70	39.78	42.04	40.00	39.33	34.86	34.95	355.47
<b>Total NTPC- Simhadri</b>			<b>110.78</b>	<b>110.25</b>	<b>93.01</b>	<b>118.72</b>	<b>101.59</b>	<b>93.33</b>	<b>96.96</b>	<b>104.78</b>	<b>138.72</b>	<b>131.94</b>	<b>127.60</b>	<b>130.55</b>	<b>1358.23</b>
<b>CGS - New</b>															
NSM-Coal Phase II			30.20	30.94	31.69	38.62	33.71	41.86	49.57	40.35	44.75	44.34	37.93	39.44	463.39
NVNL B.P-Coal			6.85	5.31	5.03	4.83	4.30	6.26	6.36	6.85	4.80	6.97	6.26	7.14	70.97
NTPC KUDIGI I			7.54	16.57	8.66	4.43	0.00	31.51	36.17	22.00	30.71	32.83	28.82	39.73	258.97
NTECL - VALLURU			6.14	11.50	7.48	10.20	7.72	11.54	14.24	12.74	13.08	10.55	15.21	17.83	138.24
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
NLC Tamilnadu Power Ltd			7.06	17.31	14.12	13.77	11.92	23.79	35.74	24.92	23.28	17.27	9.64	11.70	210.50
<b>TOTAL CGS</b>			<b>314.54</b>	<b>346.39</b>	<b>307.18</b>	<b>333.65</b>	<b>312.53</b>	<b>362.43</b>	<b>396.63</b>	<b>388.27</b>	<b>426.58</b>	<b>418.66</b>	<b>383.24</b>	<b>415.99</b>	<b>4406.10</b>
<b>APGPCL</b>															
APGPCL I - Allocated capacity			0.58	0.44	0.28	0.75	0.69	0.60	0.58	0.51	0.55	0.27	0.24	0.26	5.73
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
APGPCL II - Allocated capacity			2.30	1.52	0.74	2.00	1.84	1.60	1.56	1.36	1.47	0.72	0.65	0.69	16.45
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
<b>Total APGPCL</b>			<b>2.88</b>	<b>1.96</b>	<b>1.01</b>	<b>2.75</b>	<b>2.53</b>	<b>2.19</b>	<b>2.14</b>	<b>1.87</b>	<b>2.02</b>	<b>0.99</b>	<b>0.89</b>	<b>0.94</b>	<b>22.18</b>

<b>IPPS</b>															
GVK															0.00
Spectrum															0.00
Kondapalli (Naphtha)															0.00
Kondapalli (Gas)															0.00
BSES															0.00
GVK Extension															0.00
Vemagiri															0.00
Gautami															0.00
Konaseema															0.00
															0.00
<b>TOTAL IPPS</b>			<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
<b>NCE</b>															
NCE - Bio-Mass			8.66	9.85	10.49	9.85	8.37	8.76	8.83	4.15	10.40	10.89	9.28	10.39	109.89
NCE - Bagasse			0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.75	8.12	9.56	9.90	6.30	35.63
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
NCE - Industrial Waste based power project			2.95	3.30	3.65	3.38	2.88	2.20	2.27	1.40	4.08	4.59	4.57	4.44	39.72
NCE - Bundled Power NRVNL (solar) JNNSM Ph 1			1.97	1.66	1.15	0.63	0.60	0.84	1.61	1.33	1.06	1.64	1.91	2.37	16.77
NCE - Mini Hydel			0.12	0.00	0.00	0.00	0.00	0.30	0.38	0.38	0.00	0.00	0.00	0.00	1.19
NCE - Bundled Power (Solar) (NTPC 400 MW)			15.79	17.14	20.90	17.80	9.68	27.11	26.46	22.84	22.38	11.52	24.46	25.72	241.80
NCE-Others			143.05	139.31	128.83	88.76	94.39	122.26	132.18	136.73	99.06	225.12	144.14	203.15	1656.98
<b>TOTAL NCE</b>			<b>172.54</b>	<b>171.25</b>	<b>165.02</b>	<b>120.42</b>	<b>115.92</b>	<b>161.46</b>	<b>171.74</b>	<b>168.58</b>	<b>145.10</b>	<b>263.31</b>	<b>194.27</b>	<b>252.37</b>	<b>2101.98</b>
<b>OTHERS</b>															
Srivathsa															0.00
LVS															0.00
Vishakapatnam Steel Plant															0.00
NB Ferro Alloys															0.00
Corporate Power (MT)															0.00
KSK Mahanadi (MT)															0.00
Hinduja															0.00
Singareni 1&2			197.40	221.30	124.59	178.00	221.31	237.44	241.57	144.69	134.90	240.19	221.73	231.81	2394.92
CSPGCL			188.94	179.38	136.92	139.29	140.62	139.74	104.19	175.93	157.43	46.04	61.23	99.69	1569.40
Thermal Power Tech Unit I 269.5 MW			57.13	48.41	56.34	58.35	58.38	56.98	39.73	32.93	33.40	35.11	29.33	54.06	560.17
Thermal Power Tech Unit II 570 MW			115.18	98.27	109.78	119.34	100.71	110.69	82.25	69.66	65.73	58.53	45.49	112.59	1088.22
<b>TOTAL OTHERS</b>			<b>558.65</b>	<b>547.37</b>	<b>427.64</b>	<b>494.99</b>	<b>521.03</b>	<b>544.84</b>	<b>467.74</b>	<b>423.20</b>	<b>391.45</b>	<b>379.88</b>	<b>357.77</b>	<b>498.16</b>	<b>5612.72</b>
<b>MARKET</b>															
PTC															0.00
RCL and Short-Term Sources(IG Wells,Kesoram)															0.00
UI															0.00
Other Short Term Sources			172.12	6.95	20.80	120.01	197.46	243.37	345.35	138.56	65.71	136.37	140.85	307.22	1894.76
IBSS 2018-19			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	850.18	850.18
Interstate/D to D Sales			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1149.79	-1149.79
															0.00
															0.00
<b>TOTAL MARKET</b>			<b>172.12</b>	<b>6.95</b>	<b>20.80</b>	<b>120.01</b>	<b>197.46</b>	<b>243.37</b>	<b>345.35</b>	<b>138.56</b>	<b>65.71</b>	<b>136.37</b>	<b>140.85</b>	<b>7.61</b>	<b>1595.15</b>
<b>TOTAL (From All Sources)</b>			<b>1697.98</b>	<b>1553.69</b>	<b>1374.49</b>	<b>1540.29</b>	<b>1751.77</b>	<b>1886.09</b>	<b>1957.27</b>	<b>1622.47</b>	<b>1495.38</b>	<b>1672.32</b>	<b>1605.63</b>	<b>1884.20</b>	<b>20041.59</b>



2019-20

Generating Station	D Link	Cost (Rs. / kWh)	Energy Dispatch (MU)												Total
			April	May	June	July	August	September	October	November	December	January	February	March	
<b>TSGENCO</b>															
<b>Thermal</b>															
KTPS A															0.00
KTPS B															0.00
KTPS C			56.55	54.08	48.98	60.63	61.36	53.59	30.87	37.97	59.31	57.53	45.41	30.84	597.12
KTPS V (D)			88.08	92.92	83.95	84.76	82.90	63.01	66.31	48.39	87.56	83.14	78.70	86.04	945.75
KTPS VI			95.62	93.56	91.79	53.63	20.26	83.73	76.97	92.31	105.17	95.12	88.77	102.02	998.95
RTS-B			10.62	11.04	9.87	10.97	9.99	5.63	3.40	5.46	9.74	9.46	8.94	7.32	102.44
Kakatiya Stage-I			89.08	92.80	91.65	87.71	65.86	44.47	-0.77	-0.39	100.33	92.67	95.53	98.27	857.20
Kakatiya Stage-II			114.56	119.24	93.20	114.13	81.39	95.89	65.73	109.86	120.85	112.22	102.78	119.52	1249.37
KTPS Stage VII			133.98	163.67	134.70	11.41	129.89	128.12	150.57	144.30	-0.65	-0.36	-0.38	3.15	998.42
															0.00
															0.00
															0.00
															0.00
															0.00
															0.00
<b>TOTAL THERMAL</b>			<b>588.49</b>	<b>627.31</b>	<b>554.14</b>	<b>423.24</b>	<b>451.65</b>	<b>474.44</b>	<b>393.08</b>	<b>437.91</b>	<b>482.31</b>	<b>449.78</b>	<b>419.76</b>	<b>447.15</b>	<b>5749.26</b>
MACHKUND PH AP Share															0.00
TUNGBHADRA PH AP Share															0.00
USL															0.00
LSR															0.00
DONKARAYI															0.00
SSLM															0.00
NSPH			4.77	-0.12	-0.09	-0.09	76.41	136.82	142.57	65.79	8.48	21.91	10.08	1.09	467.63
NSRCPH															0.00
NSLCPH															0.00
POCHAMPAD stg-1															0.00
NIZAMSAGAR PH			-0.01	0.00	0.00	-0.01	-0.02	-0.01	-0.02	-0.01	-0.01	-0.03	0.26	0.21	0.35
Small Hydel (pochampadu PH,singur)			0.10	-0.02	-0.01	-0.01	-0.01	0.08	2.00	1.85	0.48	2.11	2.58	2.82	11.99
MINI HYDEL (Palair&Peddapalli)			0.00	-0.01	-0.01	-0.01	-0.01	0.01	0.00	0.01	0.00	0.10	0.17	0.03	0.28
SINGUR															0.00
SSLM LCPH			5.89	-0.20	-0.16	-0.20	117.18	140.58	147.45	71.12	21.05	24.26	37.28	21.17	585.42
Nagarjunasagar Tail Pond Dam Power House															0.00
Priyadarshini Jurala Hydro Electric Project-6			-0.01	-0.02	-0.02	-0.01	2.64	17.08	19.68	8.45	0.01	-0.03	-0.04	-0.05	47.68
Lower Jurala Hydro Electric Project			-0.07	-0.09	-0.09	0.56	8.11	29.94	32.52	19.91	0.13	0.00	-0.05	0.07	90.94
Pulichintala			0.00	0.00	0.00	0.00	2.02	14.97	19.84	11.66	1.70	2.98	3.08	2.22	58.48
Pochmpadu St.IV			0.00	0.00	0.00	0.00	0.00	0.00	0.65	0.71	0.27	0.33	0.00	0.00	1.96
<b>TOTAL HYDRO</b>			<b>10.67</b>	<b>-0.46</b>	<b>-0.39</b>	<b>0.23</b>	<b>206.33</b>	<b>339.48</b>	<b>364.71</b>	<b>179.49</b>	<b>32.11</b>	<b>51.63</b>	<b>53.36</b>	<b>27.57</b>	<b>1264.73</b>
<b>TOTAL TSGENCO</b>			<b>599.17</b>	<b>626.85</b>	<b>553.75</b>	<b>423.47</b>	<b>657.99</b>	<b>813.92</b>	<b>757.79</b>	<b>617.40</b>	<b>514.41</b>	<b>501.41</b>	<b>473.12</b>	<b>474.72</b>	<b>7013.99</b>

<b>Central Generating Stations</b>															
<b>NTPC</b>															
<b>NTPC (SR)</b>															
NTPC (SR) I & II			43.16	49.14	35.99	56.75	73.98	25.07	32.71	43.09	51.29	63.65	59.11	64.12	598.05
NTPC (SR) Stage III			12.71	12.50	10.81	16.28	17.96	9.87	11.10	13.82	17.18	17.17	16.16	2.24	157.80
<b>Total NTPC(SR)</b>			<b>55.88</b>	<b>61.64</b>	<b>46.80</b>	<b>73.03</b>	<b>91.94</b>	<b>34.93</b>	<b>43.81</b>	<b>56.91</b>	<b>68.46</b>	<b>80.82</b>	<b>75.26</b>	<b>66.36</b>	<b>755.86</b>
<b>NTPC (ER)</b>															
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
NTPC(ER)-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
NTPC - LPSC			0.00	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-Talcher-ST II			38.57	35.60	31.66	29.90	22.97	18.16	24.70	31.82	41.97	41.63	41.80	45.95	404.73
NNTPS			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	2.74	4.11	3.09	10.01
<b>Total NTPC(ER)</b>			<b>38.57</b>	<b>35.60</b>	<b>31.66</b>	<b>29.90</b>	<b>22.97</b>	<b>18.16</b>	<b>24.70</b>	<b>31.82</b>	<b>42.04</b>	<b>44.37</b>	<b>45.92</b>	<b>49.04</b>	<b>414.74</b>
<b>Total NTPC</b>			<b>94.45</b>	<b>97.24</b>	<b>78.46</b>	<b>102.93</b>	<b>114.91</b>	<b>53.09</b>	<b>68.51</b>	<b>88.72</b>	<b>110.51</b>	<b>125.19</b>	<b>121.18</b>	<b>115.40</b>	<b>1170.60</b>
<b>NLC TS-II</b>															
Stage-I			8.63	7.47	7.04	8.72	8.56	5.33	6.74	8.57	10.12	12.15	12.11	12.22	107.66
Stage-II			15.79	11.20	8.29	12.44	18.17	7.76	10.94	16.35	20.40	21.92	20.01	21.21	184.48
<b>Total NLC</b>			<b>24.43</b>	<b>18.67</b>	<b>15.33</b>	<b>21.16</b>	<b>26.73</b>	<b>13.09</b>	<b>17.68</b>	<b>24.92</b>	<b>30.52</b>	<b>34.07</b>	<b>32.12</b>	<b>33.43</b>	<b>292.15</b>
<b>NPC</b>															
NPC-MAPS			1.10	1.82	1.93	1.99	2.08	1.77	2.10	1.86	1.85	1.60	1.98	2.00	22.07
NPC-Kudankulam			5.84	5.66	5.51	5.83	5.82	5.06	5.80	5.76	2.64	0.00	0.00	4.70	52.62
NPC-Kaiga-I&II			28.03	29.70	25.13	26.33	21.40	28.76	29.07	23.36	29.90	26.33	22.97	28.52	319.51
<b>Total NPC</b>			<b>34.97</b>	<b>37.18</b>	<b>32.57</b>	<b>34.15</b>	<b>29.30</b>	<b>35.60</b>	<b>36.97</b>	<b>30.98</b>	<b>34.39</b>	<b>27.93</b>	<b>24.95</b>	<b>35.22</b>	<b>394.19</b>
<b>NTPC - Simhadri</b>															
NTPC Simhadri Stage I			78.39	59.25	35.36	65.69	52.85	33.27	16.75	45.67	94.32	98.60	96.50	93.63	770.26
NTPC Simhadri Stage II			22.17	28.60	26.50	35.66	34.15	15.99	6.72	17.92	43.45	42.13	40.28	40.97	354.54
<b>Total NTPC- Simhadri</b>			<b>100.56</b>	<b>87.85</b>	<b>61.86</b>	<b>101.35</b>	<b>86.99</b>	<b>49.25</b>	<b>23.47</b>	<b>63.60</b>	<b>137.76</b>	<b>140.73</b>	<b>136.78</b>	<b>134.60</b>	<b>1124.80</b>
<b>CGS - New</b>															
NSM-Coal Phase II			33.79	34.73	27.51	33.69	33.28	46.46	7.87	24.63	33.43	43.66	39.22	47.55	405.83
NVNL B.P-Coal			6.09	5.77	5.34	5.09	4.91	4.14	3.42	3.78	4.82	5.46	6.52	6.69	62.03
NTPC KUDIGI I			20.46	12.56	6.66	13.96	14.55	0.36	2.44	0.02	9.07	16.78	34.85	34.73	166.45
NTECL - VALLURU			10.71	12.09	10.75	11.64	8.69	3.42	5.02	10.13	11.80	14.47	15.62	12.38	126.73
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
NLC Tamilnadu Power Ltd			10.97	8.49	7.38	12.20	26.63	10.66	9.77	16.47	30.83	31.22	28.26	28.01	220.89
<b>TOTAL CGS</b>			<b>336.42</b>	<b>314.58</b>	<b>245.87</b>	<b>336.18</b>	<b>346.00</b>	<b>216.07</b>	<b>175.14</b>	<b>263.24</b>	<b>403.12</b>	<b>439.51</b>	<b>439.50</b>	<b>448.02</b>	<b>3963.66</b>
<b>APGPCL</b>															
APGPCL I - Allocated capacity			0.24	0.21	0.22	0.45	0.55	0.37	0.31	0.28	0.28	0.00	0.00	0.00	2.90
APGPCL I - Unutilised capacity															0.00
APGPCL II - Allocated capacity			0.65	0.57	0.60	1.19	1.46	0.99	0.82	0.75	0.74	0.00	0.00	0.00	7.76
APGPCL II - Unutilised capacity															0.00
<b>Total APTGCL</b>			<b>0.89</b>	<b>0.78</b>	<b>0.82</b>	<b>1.64</b>	<b>2.01</b>	<b>1.35</b>	<b>1.12</b>	<b>1.03</b>	<b>1.01</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>10.66</b>

<b>IPPS</b>																
Thermal Power Tech Unit I		103.74	89.45	96.07	119.05	123.49	99.57	100.14	114.24	123.92	122.10	116.83	123.78	1332.38		
Thermal Power Tech Unit II		50.85	48.81	56.88	57.92	56.92	55.83	56.20	55.92	58.65	57.72	55.23	58.51	669.45		
														0.00		
														0.00		
<b>TOTAL IPPS</b>		<b>154.59</b>	<b>138.26</b>	<b>152.95</b>	<b>176.97</b>	<b>180.41</b>	<b>155.40</b>	<b>156.34</b>	<b>170.16</b>	<b>182.57</b>	<b>179.82</b>	<b>172.06</b>	<b>182.29</b>	<b>2001.83</b>		
<b>NCE</b>																
NCE - Bio-Mass		8.48	4.73	8.72	8.49	8.59	8.34	7.68	6.80	5.37	10.97	8.20	6.18	92.57		
NCE - Bagasse		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.11	12.80	5.91	1.31	25.13		
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		
NCE - Industrial Waste based power project		1.22	1.05	1.11	1.41	0.00	0.00	0.00	0.98	0.26	0.00	2.36	1.32	9.70		
NCE - Mini Hydel		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.38	0.25	2.63		
NCE - Solar		165.48	158.77	153.41	132.41	99.51	116.42	110.12	120.00	120.51	130.14	148.69	150.02	1605.49		
NCE - Bundled Power NVVNL (solar) JNNM Ph 1		2.09	1.68	1.33	0.67	0.66	0.97	1.33	1.30	1.05	1.55	1.98	2.34	16.95		
NCE - Bundled Power (Solar) (NTPC 400 MW)		23.61	25.18	18.33	19.91	14.07	14.40	18.15	16.43	23.37	14.60	19.73	26.05	233.83		
<b>TOTAL NCE</b>		<b>200.88</b>	<b>191.43</b>	<b>182.90</b>	<b>162.89</b>	<b>122.83</b>	<b>140.13</b>	<b>137.29</b>	<b>145.51</b>	<b>155.66</b>	<b>170.06</b>	<b>189.25</b>	<b>187.47</b>	<b>1986.31</b>		
<b>OTHERS</b>																
Singareni CCL I&II		222.81	221.65	224.05	211.81	214.43	196.16	159.79	174.84	224.90	222.87	231.40	228.46	2533.19		
CSPDCL		19.20	26.26	55.91	90.02	32.42	22.27	39.51	62.36	90.37	56.86	77.79	88.21	661.18		
														0.00		
														0.00		
<b>TOTAL OTHERS</b>		<b>242.01</b>	<b>247.91</b>	<b>279.96</b>	<b>301.82</b>	<b>246.85</b>	<b>218.43</b>	<b>199.31</b>	<b>237.20</b>	<b>315.28</b>	<b>279.73</b>	<b>309.20</b>	<b>316.67</b>	<b>3194.36</b>		
<b>MARKET</b>																
Bilateral Sales (PTC etc.)														0.00		
RCL and Short-Term Sources(IG Wells,Kesoram)														0.00		
														0.00		
														0.00		
NPDCL														0.00		
SPDCL														0.00		
ST Power (FY 20)														0.00		
														0.00		
														0.00		
UI-SRPC/Deviation Charges		7.71	12.63	12.09	16.57	19.77	8.19	7.21	11.62	11.50	9.42	12.35	11.13	140.18		
Other Short Term Sources		173.27	56.26	27.63	111.33	153.70	70.61	9.32	52.18	199.16	314.07	379.67	442.23	1989.42		
D-D Purchases/UI		96.18	-7.67	-4.28	71.99	196.75	16.14	45.31	115.61	348.72	235.94	498.49	574.30	2187.48		
Interstate/D to D Sales/UI		-104.05	-314.60	-254.77	-70.33	-12.36	-116.23	-120.43	-14.28	-3.11	-24.00	-6.76	-9.63	-1050.55		
<b>TOTAL MARKET</b>		<b>173.10</b>	<b>-253.38</b>	<b>-219.33</b>	<b>129.56</b>	<b>357.87</b>	<b>-21.29</b>	<b>-58.59</b>	<b>165.13</b>	<b>556.27</b>	<b>535.42</b>	<b>883.74</b>	<b>1018.03</b>	<b>3266.53</b>		
<b>TOTAL (From All Sources)</b>		<b>1707.06</b>	<b>1266.43</b>	<b>1196.92</b>	<b>1532.53</b>	<b>1913.95</b>	<b>1524.02</b>	<b>1368.40</b>	<b>1599.68</b>	<b>2128.32</b>	<b>2105.95</b>	<b>2466.86</b>	<b>2627.21</b>	<b>21437.33</b>		

2020-21

Generating Station	D Link	Cost (Rs. / kWh)	Energy Dispatch (MU)												Total	
			April	May	June	July	August	September	October	November	December	January	February	March		
<b>TSGENCO</b>																
<b>Thermal</b>																
KTPS A																0.00
KTPS B																0.00
KTPS C																0.00
KTPS D			78.04	76.45	44.86	41.13	42.63	28.32	45.08	34.14	68.08	82.77	84.93	93.27		719.70
KTPS Stage VI			89.60	86.20	77.37	79.10	85.81	84.60	55.96	78.73	87.75	88.69	84.75	98.75		997.32
RTS B			5.10	-0.08	-0.08	-0.09	7.28	8.83	8.63	8.76	9.29	9.16	8.20	8.77		73.77
NTS																0.00
Kakatiya Thermal Power Plant Stage I			52.67	26.73	85.70	62.49	30.91	51.54	31.60	-1.65	73.90	88.99	93.01	96.97		692.85
Kakatiya Thermal Power Plant Stage II			84.01	107.14	16.90	98.99	75.54	98.50	98.04	95.18	107.23	90.50	96.95	112.81		1081.79
BTPS (Manuguru New Project)			0.00	0.00	28.71	41.33	32.21	21.22	24.55	-1.53	45.28	77.33	75.53	143.72		488.34
KTPS VII			82.55	142.93	157.13	157.96	131.29	144.96	133.92	154.17	165.92	145.79	138.47	162.83		1717.91
<b>TOTAL THERMAL</b>			<b>391.96</b>	<b>439.37</b>	<b>410.60</b>	<b>480.92</b>	<b>405.66</b>	<b>437.97</b>	<b>397.78</b>	<b>367.79</b>	<b>557.45</b>	<b>583.23</b>	<b>581.84</b>	<b>717.11</b>		<b>5771.69</b>
MACHKUND PH AP Share																0.00
TUNGBHADRA PH AP Share																0.00
USL																0.00
LSR																0.00
DONKARAYI																0.00
SSLM																0.00
NSPH			0.55	-0.10	2.93	2.19	47.51	103.77	137.00	25.04	6.82	24.05	21.41	20.30		391.47
NSRCPH																0.00
NSLCPH																0.00
POCHAMPAD stg-1																0.00
NIZAMSAGAR PH			-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	0.02	0.07	0.40	0.79	0.39	0.92		2.55
Small Hydel (pochampadu PH,singur)			1.16	-0.02	-0.01	0.86	1.38	4.69	6.53	0.76	0.27	3.93	2.74	3.52		25.81
MINI HYDEL (Palair&Peddapalli)			0.02	-0.01	-0.01	0.01	0.05	0.04	0.00	-0.01	-0.01	0.02	0.10	0.13		0.33
SINGUR																0.00
SSLM LCPH			8.11	-0.21	-0.05	70.20	120.76	0.00	10.07	54.37	10.56	18.84	28.58	38.08		359.31
Nagarjunasagar Tail Pond Dam Power House																0.00
Priyadarshini Jurala Hydro Electric Project-6			-0.04	-0.06	-0.05	10.02	10.46	13.38	12.06	6.74	0.13	-0.02	-0.02	-0.01		52.60
Lower Jurala Hydro Electric Project			-0.05	-0.06	-0.05	18.13	24.79	31.68	25.63	14.55	0.49	0.04	-0.06	0.03		115.13
Pulichintala			0.78	0.00	-0.01	0.27	4.44	11.29	12.00	8.10	3.27	6.35	5.15	6.52		58.15
Pochmpadu St.IV			0.00	0.00	0.00	0.02	0.02	0.80	1.34	0.17	0.01	0.06	0.56	0.04		3.03
<b>TOTAL HYDRO</b>			<b>10.52</b>	<b>-0.46</b>	<b>2.75</b>	<b>101.68</b>	<b>209.39</b>	<b>165.65</b>	<b>204.65</b>	<b>109.81</b>	<b>21.94</b>	<b>54.06</b>	<b>58.85</b>	<b>69.52</b>		<b>1008.37</b>
<b>TOTAL TSGENCO</b>			<b>402.48</b>	<b>438.92</b>	<b>413.35</b>	<b>582.60</b>	<b>615.05</b>	<b>603.61</b>	<b>602.43</b>	<b>477.60</b>	<b>579.40</b>	<b>637.29</b>	<b>640.69</b>	<b>786.64</b>		<b>6780.06</b>

<b>Central Generating Stations</b>															
<b>NTPC</b>															
<b>NTPC (SR)</b>															
NTPC (SR)&II			57.90	54.08	61.68	65.59	48.87	35.22	40.27	44.89	54.28	44.82	54.52	63.66	625.79
NTPC (SR) Stage III			0.00	0.00	12.03	16.49	14.71	13.86	12.66	14.92	14.35	16.31	15.75	16.54	147.61
<b>Total NTPC(SR)</b>			<b>57.90</b>	<b>54.08</b>	<b>73.70</b>	<b>82.07</b>	<b>63.58</b>	<b>49.07</b>	<b>52.94</b>	<b>59.81</b>	<b>68.63</b>	<b>61.13</b>	<b>70.28</b>	<b>80.21</b>	<b>773.41</b>
<b>NTPC (ER)</b>															
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
NTPC(ER)-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
NTPC - LPSC			0.00	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-Talcher-ST II			39.38	42.48	39.42	42.71	37.20	32.49	38.59	29.28	35.35	33.04	30.55	42.57	443.05
Others															0.00
<b>Total NTPC(ER)</b>			<b>39.38</b>	<b>42.48</b>	<b>39.42</b>	<b>42.71</b>	<b>37.20</b>	<b>32.49</b>	<b>38.59</b>	<b>29.28</b>	<b>35.35</b>	<b>33.04</b>	<b>30.55</b>	<b>42.57</b>	<b>443.05</b>
<b>Total NTPC</b>			<b>97.29</b>	<b>96.56</b>	<b>113.12</b>	<b>124.78</b>	<b>100.78</b>	<b>81.56</b>	<b>91.53</b>	<b>89.09</b>	<b>103.98</b>	<b>94.17</b>	<b>100.83</b>	<b>122.78</b>	<b>1216.46</b>
<b>NLC TS-II</b>															
Stage-I			10.21	8.53	9.82	3.88	4.15	5.11	2.53	4.88	7.48	9.49	9.49	11.29	86.85
Stage-II			15.04	9.26	12.85	0.20	0.00	3.68	2.97	5.54	7.15	8.97	11.62	15.43	92.71
<b>Total NLC</b>			<b>25.25</b>	<b>17.79</b>	<b>22.66</b>	<b>4.08</b>	<b>4.15</b>	<b>8.79</b>	<b>5.50</b>	<b>10.42</b>	<b>14.63</b>	<b>18.46</b>	<b>21.11</b>	<b>26.72</b>	<b>179.56</b>
<b>NPC</b>															
NPC-MAPS			1.90	1.83	1.90	1.84	2.07	1.97	1.72	0.71	1.93	1.59	1.12	1.89	20.49
NPC-Kudankulam			9.08	7.77	10.07	6.82	9.00	9.94	10.34	10.09	8.54	5.03	0.00	0.00	86.68
NPC-Kaiga-I&II			19.80	23.68	28.58	29.19	29.94	28.86	29.28	26.41	17.43	23.84	23.08	29.73	309.82
<b>Total NPC</b>			<b>30.77</b>	<b>33.28</b>	<b>40.55</b>	<b>37.86</b>	<b>41.02</b>	<b>40.77</b>	<b>41.34</b>	<b>37.21</b>	<b>27.90</b>	<b>30.46</b>	<b>24.21</b>	<b>31.62</b>	<b>416.99</b>
<b>NTPC - Simhadri</b>															
NTPC Simhadri Stage I			41.49	3.36	0.81	67.66	25.54	29.63	11.00	0.65	17.31	72.70	91.48	110.71	472.36
NTPC Simhadri Stage II			33.32	25.71	36.67	34.83	17.08	19.35	4.11	1.84	21.47	39.13	43.17	45.05	321.73
<b>Total NTPC- Simhadri</b>			<b>74.81</b>	<b>29.07</b>	<b>37.49</b>	<b>102.49</b>	<b>42.62</b>	<b>48.98</b>	<b>15.11</b>	<b>2.49</b>	<b>38.78</b>	<b>111.83</b>	<b>134.65</b>	<b>155.76</b>	<b>794.09</b>
<b>CGS - New</b>															
NTPC KUDIGI I			5.98	0.00	0.00	0.00	0.00	4.26	0.00	0.00	16.65	45.09	38.04	48.55	158.57
NTECL - VALLURU			4.18	3.22	0.88	0.02	0.00	0.07	0.72	1.77	5.06	13.38	18.10	16.69	64.09
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
NLC Tamilnadu Power Ltd			24.33	17.64	26.60	25.27	17.69	17.76	15.04	13.38	10.43	21.35	24.53	23.40	237.42
NNTPS			4.28	5.03	4.11	5.61	2.00	4.24	4.52	4.51	3.63	3.89	5.47	8.63	55.91
															0.00
<b>TOTAL CGS</b>			<b>266.89</b>	<b>202.59</b>	<b>245.41</b>	<b>300.11</b>	<b>208.26</b>	<b>206.43</b>	<b>173.75</b>	<b>158.87</b>	<b>221.06</b>	<b>338.63</b>	<b>366.95</b>	<b>434.14</b>	<b>3123.09</b>
<b>APGPCL</b>															
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
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
APGPCL II - Unutilised capacity															0.00
<b>Total APGPCL</b>			<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>

<b>IPPS</b>																
Thermal Power Tech Unit I			115.67	122.15	78.96	30.82	88.22	117.52	120.08	90.66	123.71	123.93	106.70	120.41	1238.83	
Thermal Power Tech Unit II			52.13	53.20	35.85	14.45	40.26	48.63	51.97	38.36	55.35	55.83	50.36	56.92	553.30	
															0.00	
															0.00	
<b>TOTAL IPPS</b>			<b>167.80</b>	<b>175.36</b>	<b>114.81</b>	<b>45.27</b>	<b>128.48</b>	<b>166.15</b>	<b>172.05</b>	<b>129.01</b>	<b>179.06</b>	<b>179.76</b>	<b>157.06</b>	<b>177.32</b>	<b>1792.13</b>	
<b>NCE</b>																
NCE - Bio-Mass			9.62	8.74	7.97	6.85	8.40	8.53	9.24	4.84	9.86	10.54	10.69	8.13	103.40	
NCE - Bagasse			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.25	6.27	8.03	4.01	0.00	18.56	
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	
NCE - Industrial Waste based power project			3.86	2.04	3.72	3.13	3.09	2.16	0.00	0.38	3.89	3.95	4.45	3.93	34.60	
NCE - Mini Hydel			0.18	0.03	0.07	0.00	0.02	0.21	0.05	0.19	0.14	0.43	0.26	0.18	1.74	
NCE - Solar			158.79	151.87	137.03	121.06	107.68	124.82	110.19	152.04	131.86	137.19	156.93	138.41	1627.87	
NVNL B.P-Solar			2.26	1.99	1.21	0.70	0.82	0.89	0.99	0.57	0.77	1.32	1.55	2.17	15.25	
NSM-Solar Phase II			23.96	22.86	21.71	18.23	14.37	12.02	20.80	14.61	25.04	21.01	17.33	28.10	240.03	
<b>TOTAL NCE</b>			<b>198.67</b>	<b>187.53</b>	<b>171.72</b>	<b>149.96</b>	<b>134.38</b>	<b>148.63</b>	<b>141.26</b>	<b>172.88</b>	<b>177.82</b>	<b>182.46</b>	<b>195.22</b>	<b>180.93</b>	<b>2041.45</b>	
<b>OTHERS</b>																
Singareni CCL I&II			170.90	194.70	11.84	108.67	180.19	178.78	203.14	209.20	215.11	237.23	137.19	177.63	2024.59	
CSPDCL			86.86	87.55	85.11	103.74	136.63	80.51	64.13	121.83	96.49	27.48	16.26	57.99	964.58	
NSM-Coal Phase II			31.44	28.11	22.78	27.01	27.09	29.52	28.44	21.69	24.47	30.03	30.47	39.45	340.51	
NVNL B.P-Coal			4.52	4.16	6.07	5.56	3.80	3.35	7.13	-1.57	5.43	6.79	6.56	8.20	60.00	
<b>TOTAL OTHERS</b>			<b>293.72</b>	<b>314.52</b>	<b>125.79</b>	<b>244.98</b>	<b>347.72</b>	<b>292.16</b>	<b>302.84</b>	<b>351.16</b>	<b>341.51</b>	<b>301.54</b>	<b>190.47</b>	<b>283.28</b>	<b>3389.68</b>	
<b>MARKET</b>																
															0.00	
UI-SRPC/Deviation Charges			9.84	9.30	18.37	15.83	14.21	11.66	13.16	7.07	11.97	13.70	12.63	16.46	154.20	
Other Short Term Sources			88.58	53.24	222.78	262.20	205.89	109.23	18.85	4.99	109.61	413.71	484.40	668.97	2642.45	
D-D Purchases/UI			248.44	4.12	7.30	204.57	389.35	96.29	24.50	-2.65	134.74	462.70	480.27	411.16	2460.80	
Interstate/D to D Sales/UI			-16.07	-84.55	-89.76	-26.75	-44.44	-70.31	-112.51	-133.18	-74.72	-40.91	-8.18	-53.64	-755.01	
PTC															0.00	
															0.00	
															0.00	
<b>TOTAL MARKET</b>			<b>330.79</b>	<b>-17.88</b>	<b>158.69</b>	<b>455.85</b>	<b>565.00</b>	<b>146.87</b>	<b>-55.99</b>	<b>-123.77</b>	<b>181.60</b>	<b>849.20</b>	<b>969.12</b>	<b>1042.95</b>	<b>4502.43</b>	
<b>TOTAL (From All Sources)</b>			<b>1660.35</b>	<b>1301.02</b>	<b>1229.78</b>	<b>1778.77</b>	<b>1998.89</b>	<b>1563.85</b>	<b>1336.34</b>	<b>1165.75</b>	<b>1680.45</b>	<b>2488.87</b>	<b>2519.51</b>	<b>2905.26</b>	<b>21628.85</b>	

Generating Station	D Link	Cost (Rs. / kWh)	Energy Dispatch (MU)												Total	
			April	May	June	July	August	September	October	November	December	January	February	March		
<b>TSGENCO</b>																
<b>Thermal</b>																
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			86.25	31.18	26.74	44.99	79.11	73.42	0.00	0.47	83.59	83.59	75.50	83.59	668.46	
KTPS Stage VI			91.40	80.28	84.95	81.02	94.73	81.37	0.00	0.00	26.85	23.86	83.52	92.47	740.45	
RTS B			8.71	6.62	2.31	4.37	7.32	4.38	0.00	0.00	0.00	9.97	9.01	9.97	62.66	
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	
Kakatiya Thermal Power Plant Stage I			88.31	86.95	86.04	75.52	86.17	69.94	0.00	0.00	0.00	85.77	52.57	55.34	686.61	
Kakatiya Thermal Power Plant Stage II			106.35	52.03	37.45	97.65	96.83	83.33	0.00	0.00	85.90	108.20	97.73	108.20	873.67	
BTPS (Manuguru New Project) - Unit 1			30.47	34.20	31.63	35.09	36.47	38.91	46.01	44.53	46.01	46.01	41.56	46.01	476.90	
BTPS (Manuguru New Project) - Unit 2			30.47	34.20	31.63	35.09	36.47	38.91	46.01	44.53	46.01	46.01	41.56	46.01	476.90	
BTPS (Manuguru New Project) - Unit 3			30.47	34.20	31.63	35.09	36.47	38.91	46.01	44.53	46.01	46.01	41.56	46.01	476.90	
BTPS (Manuguru New Project) - Unit 4			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	46.01	41.56	46.01	133.58	
KTPS VII			119.18	158.96	144.66	142.42	146.94	125.21	149.36	144.54	149.36	130.09	57.82	149.36	1617.90	
															0.00	
															0.00	
															0.00	
<b>TOTAL THERMAL</b>			<b>591.61</b>	<b>518.64</b>	<b>477.03</b>	<b>551.23</b>	<b>620.51</b>	<b>554.39</b>	<b>287.39</b>	<b>278.59</b>	<b>483.74</b>	<b>625.53</b>	<b>542.38</b>	<b>682.98</b>	<b>6214.01</b>	
MACHKUND PH TS Share															0.00	
TUNGBHADRA PH TS Share															0.00	
USL															0.00	
LSR															0.00	
DONKARAYI															0.00	
SSLM															0.00	
NSPH			9.93	7.79	11.60	53.11	152.68	113.59	57.73	52.48	46.65	37.90	26.24	14.58	584.27	
NSRCPH															0.00	
NSLCPH			0.73	0.57	0.85	3.91	11.23	8.35	4.37	4.08	2.92	2.04	1.46	1.17	41.67	
POCHAMPAD PH			0.98	-0.01	0.04	1.02	2.97	1.09	3.21	0.44	1.17	2.04	2.33	2.04	17.31	
NIZAMSAGAR PH			0.14	-0.01	-0.01	0.22	0.30	0.96	1.17	0.29	0.87	0.87	0.73	1.02	6.55	
PABM															0.00	
MINI HYDRO&OTHERS															0.00	
SINGUR			0.54	-0.01	0.02	0.57	1.65	0.60	1.75	0.29	0.00	0.29	0.29	0.29	6.30	
SSLM LCPH			5.42	-0.01	14.08	83.32	138.38	118.69	59.94	24.44	16.59	14.84	18.91	20.37	514.97	
Nagarjunasagar Tail Pond Dam Power House															0.00	
Priyadarshini Jurala Hydro Electric Project- TS Share			-0.02	-0.03	6.38	3.47	11.87	13.50	29.16	17.49	0.00	0.00	0.00	0.00	81.82	
Lower Jurala Hydro Electric Project			0.00	-0.07	7.94	10.06	18.84	35.23	29.16	5.83	0.29	0.29	0.15	0.15	107.87	
POCHAMPAD Stage-II			0.00	0.00	0.00	0.40	0.90	6.88	0.87	0.15	0.29	0.87	0.58	0.87	11.83	
PULICHINTAL(New Project)			2.52	0.75	0.09	8.81	14.96	17.10	8.75	8.75	4.37	2.92	2.92	2.92	74.85	
Ramagiri Wind Mills															0.00	
Pochampad Stage-IV															0.00	
Mini Hydel & Others (Peddapalli, Palair)			0.10	-0.01	-0.01	-0.01	0.15	0.17	0.17	0.13	0.13	0.30	0.30	0.30	1.72	
<b>TOTAL HYDRO</b>			<b>20.34</b>	<b>8.98</b>	<b>40.99</b>	<b>164.87</b>	<b>353.92</b>	<b>316.17</b>	<b>196.27</b>	<b>114.37</b>	<b>73.27</b>	<b>62.37</b>	<b>53.91</b>	<b>43.70</b>	<b>1449.16</b>	
<b>TOTAL TSGENCO</b>			<b>611.95</b>	<b>527.62</b>	<b>518.02</b>	<b>716.10</b>	<b>974.42</b>	<b>870.55</b>	<b>483.66</b>	<b>392.96</b>	<b>557.01</b>	<b>687.90</b>	<b>596.29</b>	<b>726.68</b>	<b>7663.17</b>	

<b>Central Generating Stations</b>															
<b>NTPC</b>															
<b>NTPC (SR)</b>															
NTPC (SR)			60.28	52.46	54.88	46.93	58.83	54.44	64.28	63.66	47.44	64.28	60.36	64.28	692.11
NTPC (SR) Stage III			17.02	15.22	15.36	13.48	17.19	15.50	18.00	17.41	18.00	0.73	11.28	18.00	177.19
<b>Total NTPC(SR)</b>			<b>77.30</b>	<b>67.69</b>	<b>70.24</b>	<b>60.41</b>	<b>76.02</b>	<b>69.94</b>	<b>82.27</b>	<b>81.07</b>	<b>65.43</b>	<b>65.00</b>	<b>71.65</b>	<b>82.27</b>	<b>869.29</b>
<b>NTPC (ER)</b>															
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
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
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		39.49	38.21	39.19	36.25	31.09	37.23	31.63	40.19	43.16	43.18	39.13	43.41	462.17	
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	
<b>Total NTPC(ER)</b>		<b>39.49</b>	<b>38.21</b>	<b>39.19</b>	<b>36.25</b>	<b>31.09</b>	<b>37.23</b>	<b>31.63</b>	<b>40.19</b>	<b>43.16</b>	<b>43.18</b>	<b>39.13</b>	<b>43.41</b>	<b>462.17</b>	
<b>Total NTPC</b>		<b>116.79</b>	<b>105.90</b>	<b>109.43</b>	<b>96.66</b>	<b>107.11</b>	<b>107.17</b>	<b>113.90</b>	<b>121.27</b>	<b>108.59</b>	<b>108.19</b>	<b>110.78</b>	<b>125.68</b>	<b>1331.46</b>	
<b>NLC TS-II</b>															
Stage-I		9.67	8.54	9.42	7.62	7.38	7.96	9.60	9.96	7.09	10.15	9.82	10.87	108.09	
Stage-II		13.54	12.93	15.18	10.65	18.92	15.82	13.93	13.67	18.57	17.79	17.53	19.39	187.90	
<b>Total NLC</b>		<b>23.21</b>	<b>21.47</b>	<b>24.60</b>	<b>18.27</b>	<b>26.29</b>	<b>23.78</b>	<b>23.53</b>	<b>23.63</b>	<b>25.66</b>	<b>27.94</b>	<b>27.35</b>	<b>30.26</b>	<b>295.99</b>	
<b>NPC</b>															
NPC-MAPS		0.20	0.00	0.00	1.58	1.38	0.00	1.49	1.41	1.49	1.49	1.31	1.49	11.85	
NPC-Kaiga unit I		12.19	13.55	13.23	12.29	11.14	13.20	9.69	11.15	11.56	11.56	10.40	5.78	135.74	
NPC-Kaiga unit II		12.93	14.38	14.04	13.04	11.82	14.01	12.28	11.84	12.28	12.28	11.04	12.28	152.22	
<b>Total NPC</b>		<b>25.32</b>	<b>27.92</b>	<b>27.27</b>	<b>26.91</b>	<b>24.34</b>	<b>27.21</b>	<b>23.46</b>	<b>24.40</b>	<b>25.33</b>	<b>25.33</b>	<b>22.75</b>	<b>19.55</b>	<b>299.81</b>	
<b>NTPC - Simhadri</b>															
NTPC Simhadri Stage I		96.69	22.77	27.08	94.14	98.42	71.17	0.00	0.00	108.90	108.90	98.36	108.90	835.32	
NTPC Simhadri Stage II		21.99	13.97	8.54	46.17	50.03	43.82	0.00	0.00	24.96	46.62	45.08	49.91	351.07	
<b>Total NTPC- Simhadri</b>		<b>118.68</b>	<b>36.74</b>	<b>35.62</b>	<b>140.31</b>	<b>148.45</b>	<b>114.99</b>	<b>0.00</b>	<b>0.00</b>	<b>133.85</b>	<b>155.52</b>	<b>143.44</b>	<b>158.81</b>	<b>1186.39</b>	
<b>CGS - New</b>															
Vallur Thermal Power Plant		17.50	6.59	11.96	17.29	14.71	15.82	20.56	15.61	15.23	20.61	20.54	21.95	198.37	
Tuticorin/NLC Tamilnadu Power Ltd		21.85	16.00	13.86	17.50	28.22	14.46	9.98	24.92	30.77	30.77	27.80	30.77	266.91	
NPC-Kundnkulam		1.01	9.12	9.09	10.43	8.78	27.21	9.37	8.31	8.58	4.15	0.00	0.00	96.05	
kudigi		24.17	0.00	9.60	13.52	20.89	24.37	0.00	0.00	0.00	53.51	48.33	53.51	247.89	
Neyveli new unit - 1		4.62	4.11	3.96	5.79	3.36	4.99	4.56	5.25	4.98	5.57	5.02	5.57	57.80	
Neyveli new unit - 2		4.62	4.11	3.96	5.79	3.36	4.99	4.56	5.25	4.98	5.57	5.02	5.57	57.80	
<b>TOTAL CGS</b>		<b>357.78</b>	<b>231.98</b>	<b>249.34</b>	<b>352.47</b>	<b>385.52</b>	<b>364.99</b>	<b>209.93</b>	<b>228.63</b>	<b>357.99</b>	<b>437.16</b>	<b>411.03</b>	<b>451.67</b>	<b>4038.47</b>	
<b>APGPCL</b>															
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	
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	
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	
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	
<b>Total APGPCL</b>		<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	



<b>IPPS</b>															
Thermal Power Tech Unit I		56.61	52.55	46.09	59.29	58.48	51.22	59.04	45.31	59.04	59.04	53.33	59.04	659.03	
Thermal Power Tech Unit II		120.31	120.43	103.16	116.75	123.68	103.48	124.89	95.84	124.89	124.89	112.81	124.89	1396.02	
<b>TOTAL IPPS</b>		<b>176.93</b>	<b>172.98</b>	<b>149.25</b>	<b>176.04</b>	<b>182.16</b>	<b>154.70</b>	<b>183.93</b>	<b>141.15</b>	<b>183.93</b>	<b>183.93</b>	<b>166.13</b>	<b>183.93</b>	<b>2055.06</b>	
<b>NCE</b>															
NCE - Bio-Mass		6.14	7.44	9.66	7.56	5.52	5.67	5.84	2.23	6.23	6.47	6.74	4.56	74.06	
NCE - Bagasse		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.25	6.27	8.03	4.01	0.00	18.56	
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	
NCE - Industrial Waste based power project		1.04	4.48	4.60	4.47	4.09	1.84	2.16	2.16	3.89	3.95	4.45	3.93	41.05	
NCE - Mini Hydel		0.19	0.00	0.00	0.00	0.06	0.00	0.05	0.19	0.14	0.43	0.00	0.00	1.04	
NCE - Solar		166.27	152.39	138.89	110.50	125.82	115.28	112.31	146.06	131.86	137.19	152.18	144.97	1633.72	
NCE - Bundled Power NVVNL (solar) JNNSM Ph 1		1.85	1.69	1.26	0.78	0.66	0.64	0.99	0.57	0.77	1.32	1.55	2.17	14.24	
NCE - Bundled Power (Solar) (NTPC 400 MW)		20.37	24.05	20.67	25.65	11.54	19.85	16.69	20.31	21.04	20.21	22.35	22.91	245.64	
<b>TOTAL NCE</b>		<b>195.86</b>	<b>190.05</b>	<b>175.07</b>	<b>148.95</b>	<b>147.67</b>	<b>143.29</b>	<b>138.03</b>	<b>171.77</b>	<b>170.19</b>	<b>177.60</b>	<b>191.29</b>	<b>178.55</b>	<b>2028.32</b>	
<b>OTHERS</b>															
Singareni CCL I&II		231.36	220.23	215.23	187.09	159.62	218.44	242.85	235.02	242.85	242.85	219.35	242.85	2657.76	
CSPDCL		96.40	113.42	93.16	36.93	42.98	19.44	158.82	153.69	158.82	158.82	143.45	158.82	1334.74	
NCE-Bundled Power (NVVNL) coal		6.08	4.13	4.00	4.60	5.50	5.25	8.25	8.25	8.25	8.25	8.25	8.25	79.09	
NCE - Bundled Power (Coal) ( NTPC 200 MW)		27.48	36.49	25.23	18.85	27.26	29.80	34.78	33.66	34.78	34.78	31.42	34.78	369.33	
SECI 400 MW		0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.24	5.49	5.49	5.24	5.49	26.95	
														0.00	
														0.00	
<b>TOTAL OTHERS</b>		<b>361.32</b>	<b>374.27</b>	<b>337.61</b>	<b>247.47</b>	<b>235.37</b>	<b>272.92</b>	<b>444.71</b>	<b>435.87</b>	<b>450.20</b>	<b>450.20</b>	<b>407.71</b>	<b>450.20</b>	<b>4467.87</b>	
<b>MARKET</b>															
Surplus		-50.28	-108.52	-46.05	-78.13	-133.05	-243.55							-659.57	
UI														0.00	
Other Short Term Sources		185.93	29.40	114.28	96.35	116.81	41.89	0.00	0.00	0.00	97.20	334.63	374.73	1391.23	
D-D purchase/ sale		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	
PTC		59.77	0.00	0.00	34.17	24.82	40.99	0.00	0.00	0.00	0.00	92.52	102.43	354.71	
Interest on Pension Bonds														0.00	
Reactive														0.00	
Wheeling KPTCL														0.00	
Wheeling Tantransco/Asset Maintenance														0.00	
Conjestion charges														0.00	
<b>TOTAL MARKET</b>		<b>340.78</b>	<b>-176.71</b>	<b>55.91</b>	<b>465.18</b>	<b>68.00</b>	<b>-203.80</b>	<b>-114.12</b>	<b>-151.73</b>	<b>36.31</b>	<b>316.61</b>	<b>1035.13</b>	<b>923.81</b>	<b>2595.37</b>	
<b>TOTAL (From All Sources)</b>		<b>2044.62</b>	<b>1320.19</b>	<b>1485.20</b>	<b>2106.21</b>	<b>1993.14</b>	<b>1602.66</b>	<b>1346.14</b>	<b>1218.65</b>	<b>1755.63</b>	<b>2253.41</b>	<b>2807.58</b>	<b>2914.84</b>	<b>22848.26</b>	

Generating Station	D Link	Cost (Rs. / kWh)	Energy Dispatch (MU)												Total	
			April	May	June	July	August	September	October	November	December	January	February	March		
<b>TSGENCO</b>																
<b>Thermal</b>																
VTPS I																0.00
VTPS II																0.00
VTPS III																0.00
VTPS IV																0.00
RTPP I																0.00
RTPP Stage-II																0.00
RTPP Stage-III																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
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			79.40	82.05	79.40	68.44	68.44	79.40	82.05	79.40	82.05	82.05	74.11	82.05	938.85	
KTPS Stage VI			78.45	81.07	78.45	81.07	81.07	78.45	81.07	78.45	81.07	81.07	73.22	81.07	954.53	
RTS B			0.00	0.00	0.00	0.00	9.81	0.00	0.00	0.00	3.16	9.81	8.86	9.81	41.46	
NTS																0.00
Kakatiya Thermal Power Plant Stage I			78.45	81.07	78.45	81.07	81.07	78.45	81.07	78.45	81.07	81.07	73.22	81.07	954.53	
Kakatiya Thermal Power Plant Stage II			94.65	97.81	94.65	97.81	97.81	94.65	97.81	94.65	97.81	97.81	88.34	97.81	1151.63	
BTPS (Manuguru New Project) - Unit 1			46.27	47.82	46.27	37.34	47.82	46.27	47.82	46.27	37.34	47.82	43.19	47.82	542.03	
BTPS (Manuguru New Project) - Unit 2			46.27	47.82	46.27	37.34	47.82	46.27	47.82	46.27	37.34	47.82	43.19	47.82	542.03	
BTPS (Manuguru New Project) - Unit 3			46.27	47.82	46.27	37.34	47.82	46.27	47.82	46.27	37.34	47.82	43.19	47.82	542.03	
BTPS (Manuguru New Project) - Unit 4			44.53	46.01	44.53	46.01	46.01	44.53	46.01	44.53	46.01	46.01	41.56	46.01	541.74	
KTPS VII			136.62	141.17	136.62	141.17	141.17	136.62	141.17	136.62	141.17	141.17	127.51	141.17	1662.18	
YTPS - I			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	141.17	141.17	
<b>TOTAL THERMAL</b>			<b>650.93</b>	<b>672.63</b>	<b>650.93</b>	<b>627.59</b>	<b>668.83</b>	<b>650.93</b>	<b>672.63</b>	<b>650.93</b>	<b>644.36</b>	<b>682.44</b>	<b>616.39</b>	<b>823.61</b>	<b>8012.20</b>	
MACHKUND PH TS Share																0.00
TUNGBHADRA PH TS Share																0.00
USL																0.00
LSR																0.00
DONKARAYI																0.00
SSLM																0.00
NSPH			15.82	11.07	15.82	47.46	58.84	80.99	62.64	56.95	50.62	41.13	20.56	12.65	474.56	
NSRCPH																0.00
NSLCPH			0.29	0.00	0.00	0.00	2.02	4.05	4.05	3.18	1.73	1.16	0.58	0.29	17.34	
POCHAMPAD PH			0.47	0.00	0.00	1.18	1.66	2.37	2.37	2.37	1.90	1.90	1.90	1.66	17.77	
NIZAMSAGAR PH			0.63	0.00	0.00	0.32	0.63	0.63	0.63	0.00	0.32	0.63	0.63	0.63	5.04	
PABM																0.00
MINI HYDRO&OTHERS																0.00
SINGUR			0.31	0.00	0.09	0.06	0.16	1.25	1.25	0.31	0.00	0.31	0.31	0.31	4.36	
SSLM LCPH			14.49	7.87	6.30	25.82	95.73	105.50	78.73	28.34	22.04	27.08	24.88	9.45	446.23	
Nagarjunasagar Tail Pond Dam Power House																0.00
Priyadarshini Jurala Hydro Electric Project- TS Share			0.00	0.00	0.00	3.27	9.67	11.23	9.35	8.58	3.12	4.68	0.00	0.00	49.89	
Lower Jurala Hydro Electric Project			0.00	0.00	0.00	10.97	21.94	21.94	18.81	15.67	6.27	4.70	0.00	0.00	100.32	
POCHAMPAD Stage-II			0.15	0.00	0.00	0.39	0.54	0.77	0.77	0.77	0.62	0.62	0.62	0.54	5.78	
PULICHINTAL(New Project)			3.15	0.00	0.00	0.00	7.87	9.45	9.45	9.45	4.72	3.15	3.15	3.15	53.52	
Ramagiri Wind Mills																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	
Mini Hydel & Others (Peddapalli, Palair)			0.23	0.00	0.00	0.00	0.29	0.37	0.37	0.27	0.27	0.46	0.46	0.46	3.18	
																0.00
<b>TOTAL HYDRO</b>			<b>35.54</b>	<b>18.95</b>	<b>22.21</b>	<b>89.47</b>	<b>199.35</b>	<b>238.53</b>	<b>188.41</b>	<b>125.89</b>	<b>91.61</b>	<b>85.81</b>	<b>53.08</b>	<b>29.14</b>	<b>1178.00</b>	
<b>TOTAL TSGENCO</b>			<b>686.47</b>	<b>691.57</b>	<b>673.14</b>	<b>717.06</b>	<b>868.19</b>	<b>889.46</b>	<b>861.04</b>	<b>776.82</b>	<b>735.97</b>	<b>768.25</b>	<b>669.48</b>	<b>852.75</b>	<b>9190.20</b>	

Central Generating Stations															
<b>NTPC</b>															
<b>NTPC (SR)</b>															
NTPC (SR)			62.20	64.28	66.01	71.23	71.23	52.10	71.23	68.93	53.84	71.23	66.64	71.23	790.15
NTPC (SR) Stage III			17.41	18.00	17.41	18.00	18.00	17.41	18.00	17.41	18.00	18.00	16.83	18.00	212.46
<b>Total NTPC(SR)</b>			<b>79.62</b>	<b>82.27</b>	<b>83.43</b>	<b>89.23</b>	<b>89.23</b>	<b>69.51</b>	<b>89.23</b>	<b>86.35</b>	<b>71.83</b>	<b>89.23</b>	<b>83.47</b>	<b>89.23</b>	<b>1002.60</b>
<b>NTPC (ER)</b>															
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		41.68	43.10	41.68	36.00	37.48	29.80	43.10	41.68	43.10	43.10	43.10	38.84	43.10	482.67
Others															0.00
<b>Total NTPC(ER)</b>		<b>41.68</b>	<b>43.10</b>	<b>41.68</b>	<b>36.00</b>	<b>37.48</b>	<b>29.80</b>	<b>43.10</b>	<b>41.68</b>	<b>43.10</b>	<b>43.10</b>	<b>43.10</b>	<b>38.84</b>	<b>43.10</b>	<b>482.67</b>
<b>Total NTPC</b>		<b>121.30</b>	<b>125.37</b>	<b>125.11</b>	<b>125.23</b>	<b>126.71</b>	<b>99.31</b>	<b>132.33</b>	<b>128.03</b>	<b>114.93</b>	<b>132.33</b>	<b>122.31</b>	<b>132.33</b>	<b>132.33</b>	<b>1485.27</b>
<b>NLC TS-II</b>															
Stage-I		10.57	10.96	9.52	7.62	7.31	7.40	10.27	10.35	10.73	10.98	9.82	10.98	10.98	116.50
Stage-II		18.98	18.12	16.15	19.53	19.53	18.98	15.30	14.22	14.56	16.56	17.64	19.53	19.53	209.12
<b>Total NLC</b>		<b>29.55</b>	<b>29.08</b>	<b>25.67</b>	<b>27.15</b>	<b>26.85</b>	<b>26.37</b>	<b>25.57</b>	<b>24.57</b>	<b>25.29</b>	<b>27.55</b>	<b>27.46</b>	<b>30.52</b>	<b>30.52</b>	<b>325.62</b>
<b>NPC</b>															
NPC-MAPS		1.41	1.47	1.41	1.47	1.47	1.41	1.47	1.41	1.47	1.47	1.47	1.31	1.47	17.29
NPC-Kaiga unit I		8.73	11.56	11.15	11.56	11.56	11.15	11.56	11.15	11.56	11.56	11.56	10.40	11.56	133.51
NPC-Kaiga unit II		11.84	12.28	11.84	12.28	12.28	11.84	12.28	11.84	7.11	8.48	11.04	9.67	11.04	132.79
<b>Total NPC</b>		<b>21.99</b>	<b>25.32</b>	<b>24.40</b>	<b>25.32</b>	<b>25.32</b>	<b>24.40</b>	<b>25.32</b>	<b>24.40</b>	<b>20.15</b>	<b>21.52</b>	<b>22.75</b>	<b>22.71</b>	<b>22.71</b>	<b>283.60</b>
<b>NTPC - Simhadri</b>															
NTPC Simhadri Stage I		105.38	0.00	0.00	0.00	108.87	23.91	0.00	0.00	108.87	108.87	98.40	108.87	108.87	663.18
NTPC Simhadri Stage II		48.30	0.00	0.00	48.44	49.90	48.30	0.00	0.00	42.48	49.90	45.10	49.90	49.90	382.33
<b>Total NTPC- Simhadri</b>		<b>153.68</b>	<b>0.00</b>	<b>0.00</b>	<b>48.44</b>	<b>158.77</b>	<b>72.21</b>	<b>0.00</b>	<b>0.00</b>	<b>151.35</b>	<b>158.77</b>	<b>143.50</b>	<b>158.77</b>	<b>158.77</b>	<b>1045.51</b>
<b>CGS - New</b>															
Vallur Thermal Power Plant		21.24	21.95	21.24	21.95	21.95	19.94	21.95	14.09	17.02	21.95	20.54	21.95	21.95	245.80
Tuticorin/NLC Tamilnadu Power Ltd		27.85	28.78	27.85	28.78	14.85	20.89	28.78	24.61	28.78	28.78	25.98	28.78	28.78	314.70
NPC-Kundnkulam		8.31	8.58	8.31	8.58	8.58	8.31	8.58	8.31	8.58	8.58	0.00	0.00	0.00	84.72
kudigi		41.42	0.00	0.00	0.00	37.65	0.00	0.00	0.00	56.48	56.48	51.02	56.48	56.48	299.54
Neyveli new unit - 1		5.28	5.46	3.07	5.43	5.43	5.25	5.25	5.10	3.14	5.47	4.96	5.47	5.47	59.30
Neyveli new unit - 2		5.28	5.46	3.07	5.43	5.43	5.25	5.25	5.10	3.14	5.47	4.96	5.47	5.47	59.30
<b>TOTAL CGS</b>		<b>430.61</b>	<b>244.54</b>	<b>235.66</b>	<b>290.88</b>	<b>426.12</b>	<b>276.68</b>	<b>247.77</b>	<b>229.11</b>	<b>425.73</b>	<b>461.42</b>	<b>418.51</b>	<b>457.01</b>	<b>457.01</b>	<b>4203.35</b>
<b>APGPCL</b>															
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
<b>Total APTGCL</b>		<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
<b>IPPS</b>															
Thermal Power Tech Unit I		54.28	56.09	54.28	56.09	56.09	54.28	56.09	54.28	56.09	56.09	50.66	56.09	56.09	660.38
Thermal Power Tech Unit II		114.82	118.65	114.82	118.65	118.65	114.82	118.65	114.82	118.65	118.65	107.17	118.65	118.65	1396.97
<b>TOTAL IPPS</b>		<b>169.10</b>	<b>174.73</b>	<b>169.10</b>	<b>174.73</b>	<b>174.73</b>	<b>169.10</b>	<b>174.73</b>	<b>169.10</b>	<b>174.73</b>	<b>174.73</b>	<b>157.82</b>	<b>174.73</b>	<b>174.73</b>	<b>2057.35</b>
<b>NCE</b>															
NCE - Bio-Mass		3.00	3.65	5.98	4.31	5.52	5.52	5.84	2.23	0.00	0.00	0.00	0.00	0.00	36.03
NCE - Bagasse		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.25	4.15	5.97	4.01	0.00	0.00	14.38
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		1.04	4.48	4.60	4.47	4.09	4.09	2.16	2.16	3.89	3.95	4.45	3.93	3.93	43.30
NCE - Mini Hydel		0.00	0.00	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		166.27	152.39	138.89	110.50	125.82	125.82	112.31	146.06	131.86	137.19	152.18	144.97	144.97	1644.26

NCE - Bundled Power NVVNL (solar) JNNSM Ph 1			1.85	1.69	1.26	0.78	0.66	0.66	0.99	0.57	0.77	1.32	1.55	2.17	14.27
NCE - Bundled Power (Solar) (NTPC 400 MW)			22.81	22.50	20.05	16.16	18.41	18.41	16.69	20.31	21.04	20.21	22.35	22.91	241.85
<b>TOTAL NCE</b>			<b>194.96</b>	<b>184.71</b>	<b>170.77</b>	<b>136.21</b>	<b>154.49</b>	<b>154.49</b>	<b>137.98</b>	<b>171.59</b>	<b>161.70</b>	<b>168.64</b>	<b>184.55</b>	<b>173.98</b>	<b>1994.08</b>
<b>OTHERS</b>															
Singareni CCL I&II			235.02	95.80	5.64	242.85	121.43	160.60	185.18	204.29	242.85	242.85	219.35	242.85	2198.74
CSPDCL			153.69	158.82	153.69	158.82	158.82	153.69	158.82	153.69	158.82	158.82	143.45	158.82	1869.95
NCE-Bundled Power (NVVNL) coal			8.25	8.25	8.25	8.25	8.25	8.25	8.25	8.25	8.25	8.25	8.25	8.25	99.06
NCE - Bundled Power (Coal) ( NTPC 200 MW)			33.66	34.78	33.66	34.78	34.78	33.66	34.78	33.66	34.78	34.78	31.42	34.78	409.56
Telangana STPP (phase I)			0.00	0.00	0.00	0.00	0.00	0.00	117.46	113.67	117.46	234.93	212.19	234.93	1030.64
NTPC CPSU - 369 MW			0.00	13.16	12.73	15.49	15.49	56.08	57.95	68.17	70.44	70.44	63.62	70.44	513.99
NTPC CPSU - 1323 MW			5.24	5.41	16.12	16.65	16.65	16.12	16.65	16.12	16.65	16.65	15.04	16.65	173.95
<b>TOTAL OTHERS</b>			<b>435.87</b>	<b>316.22</b>	<b>230.10</b>	<b>476.85</b>	<b>355.42</b>	<b>428.40</b>	<b>579.10</b>	<b>597.86</b>	<b>649.27</b>	<b>766.73</b>	<b>693.33</b>	<b>766.73</b>	<b>6295.89</b>
<b>MARKET</b>															
Surplus															0.00
UI															0.00
Other Short Term Sources			0.00	0.00	0.00	0.00	459.66	0.00	0.00	0.00	112.40	87.66	8.13	36.78	704.64
D-D purchase/ sale			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
PTC			99.13	0.00	0.00	102.43	102.43	99.13	0.00	0.00	0.00	0.00	0.00	0.00	403.12
Interest on Pension Bonds															0.00
Reactive															0.00
Wheeling KPTCL															0.00
Wheeling Tantransco/Asset Maintenance															0.00
Conjestion charges															0.00
															0.00
<b>TOTAL MARKET</b>			<b>211.52</b>	<b>-74.22</b>	<b>-186.56</b>	<b>282.00</b>	<b>1472.37</b>	<b>355.79</b>	<b>427.04</b>	<b>430.06</b>	<b>613.31</b>	<b>776.41</b>	<b>415.23</b>	<b>458.88</b>	<b>5181.83</b>
<b>TOTAL (From All Sources)</b>			<b>2128.53</b>	<b>1537.56</b>	<b>1292.21</b>	<b>2077.74</b>	<b>3451.32</b>	<b>2273.93</b>	<b>2427.66</b>	<b>2374.54</b>	<b>2760.71</b>	<b>3116.19</b>	<b>2538.92</b>	<b>2884.08</b>	<b>28922.69</b>

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 1.4 under NCE.

TYPE	Name	Location	Plant Capacity	DISCOM's share	DISCOM's share	Availability and Dispatch (MU)		Cost (Rs. Crs.)						Unit Cost (Rs. / kWh)				Remarks			
			(MW)	(%)	(MW)	Net Availability	Dispatch	Fixed	Variable	Incentive	Inc. Tax	Others	Total	Fixed	Incentives	Inc. Tax	Others		Variable	Total	
Bio-Mass	Shalivahana Green Energy Ltd	Mancherial/Adilabad	6.00	100.00	6.00	30.18	30.18						19.26							6.38	6.38
Bio-Mass	Gowthami Bio Energy Ltd	Gopalpuram/Khammam	6.00	100.00	6.00	41.25	41.25						26.30							6.38	6.38
Bio-Mass	Indur Green Power Ltd.(NSL)	Renjal/Nizamabad	0.00	100.00	0.00	0.00	0.00						0.00							0.00	0.00
Bio-Mass	Ritwik Power Projects Pvt. Limited	Tekulapalli/Khammam	6.00	100.00	6.00	38.47	38.47						24.17							6.28	6.28
<b>TOTAL Bio-mass</b>			<b>18.00</b>		<b>18.00</b>	<b>109.89</b>	<b>109.89</b>	<b>0.00</b>	<b>69.73</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>69.73</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>6.35</b>	<b>6.35</b>
Bagasse	Nizam Deccan Sugars	Bhodhan/Nizamabad	20.00	100.00	20.00	0.00	0.00						0.00							0.00	0.00
Bagasse	Gayathri Sugars (Nizamsagar)	Bhodhan/Nizamabad	16.25	100.00	16.25	21.62	21.62						7.93							3.67	3.67
Bagasse	NCS Gayatri Sugars (Kamareddy)	Dichpally/Nizamabad	6.00	100.00	6.00	4.28	4.28						1.62							3.79	3.79
Bagasse	Kakatiya Cements & Sugars Ltd.,	Kalluru/Khammam	16.70	100.00	16.70	9.73	9.73						3.98							4.09	4.09
<b>TOTAL Bagasse</b>			<b>58.95</b>		<b>58.95</b>	<b>35.63</b>	<b>35.63</b>	<b>0.00</b>	<b>13.54</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>13.54</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>3.80</b>	<b>3.80</b>
Municipal Waste to Energy													0.00							0.00	0.00
<b>TOTAL Municipal Waste to Energy</b>			<b>0.00</b>		<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
Industrial Waste based power project	MSR Mega Bio	Ragunathpally	7.50	100.00	7.50	39.72	39.72						25.35							6.38	6.38
<b>TOTAL Industrial Waste</b>			<b>7.50</b>		<b>7.50</b>	<b>39.72</b>	<b>39.72</b>	<b>0.00</b>	<b>25.35</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>25.35</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>6.38</b>	<b>6.38</b>
Wind Power													0.00							0.00	0.00
<b>TOTAL Wind Power</b>			<b>0.00</b>		<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
Mini Hydel	Kallam Spinning Ltd.,	Nelakondapally/Khammam	4.00	100.00	4.00	0.95	0.95						0.25							2.64	2.64
Mini Hydel	Saraswathi Power	Chintakunta/Karimnagar	2.00	100.00	2.00	0.24	0.24						0.03							1.42	1.42
<b>TOTAL Mini Hydel</b>			<b>6.00</b>		<b>6.00</b>	<b>1.19</b>	<b>1.19</b>	<b>0.00</b>	<b>0.28</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.28</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>2.39</b>	<b>2.39</b>
NCL Energy Ltd													0.00							0.00	0.00
<b>TOTAL- NCL Energy Ltd</b>			<b>0.00</b>		<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
NCE-Others	NTPC Ramagundam	Ramagundam	4.00	100.00	4.00	12.64	12.64						11.81							9.35	9.35
NCE-Others	New ERA Enviro Vent (P) Ltd.	Mancherial (V), Mancherial (M), Kamarnagar Dist.	5.00	100.00	5.00	8.75	8.75						5.61							6.41	6.41
NCE-Others	New ERA Enviro Vent (P) Ltd.	Chintakunta (V), Chintakunta (M), Kamarnagar Dist.	10.00	100.00	10.00	18.63	18.63						11.99							6.44	6.44
NCE-Others	Premier Photo Medak (P) Ltd.,	Asnad (V), Chennai (M), Adilabad Dist.	10.00	100.00	10.00	15.76	15.76						10.11							6.41	6.41
NCE-Others	Premier Photo Medak (P) Ltd.,	Talamadla (V), Bhiknoor (M), Kamareddy Dist.	10.00	100.00	10.00	18.78	18.78						12.09							6.44	6.44
NCE-Others	ACME Narwana Solar Power (P) Ltd.	Bayanpally (V), Ungampet (M), Kamareddy Dist.	15.00	100.00	15.00	30.88	30.88						17.60							5.70	5.70
NCE-Others	ACME Warangal Solar Power (P) Ltd	Mancherial Nukaram (V), Sironda Rajanna Dist.	15.00	100.00	15.00	30.64	30.64						17.53							5.72	5.72
NCE-Others	Purvanchal Solar Power (P) Ltd	Nagaram (V), Manthini (M), Peddapalli Dist.	15.00	100.00	15.00	30.05	30.05						17.14							5.70	5.70
NCE-Others	ACME Fazilka Solar Power (P) Ltd	Khudavandoor (V), Nandipet (M), N.Z.B Dist. Karimnagar (V), Karimnagar (M), Peddapalli Dist.	15.00	100.00	15.00	30.92	30.92						17.70							5.72	5.72
NCE-Others	ACME Karimnagar Solar Power (P) Ltd	Mancherial (V), Mancherial (M), Kamarnagar Dist.	15.00	100.00	15.00	29.05	29.05						16.61							5.72	5.72
NCE-Others	Ujvalatejas Solaire Urja Pvt Ltd	Nandipet, Nizamabad Dist.	20.00	100.00	20.00	37.73	37.73						25.49							6.76	6.76
NCE-Others	Renew Mega Solar Power P Ltd	Mandamari (V), Mancherial Dist.	48.00	100.00	48.00	93.57	93.57						51.62							5.52	5.52
NCE-Others	Neemuch Solar Power Pvt Ltd	Kotukamara Venora (V), Mancherial (M), Jagtial Dist.	15.00	100.00	15.00	30.37	30.37						17.37							5.72	5.72
NCE-Others	Suryodaya - 18.05.17 to 25.07.17	Aragonda (V), Tadwai (M), Kamareddy Dist. Karimnagar (V), Karimnagar (M), Kamarnagar Dist.	34.00	100.00	34.00	67.13	67.13						37.36							5.56	5.56
NCE-Others	ACME Rangareddy Solar Power (P) Ltd	Karimnagar (V), Karimnagar (M), Kamarnagar Dist.	30.00	100.00	30.00	56.56	56.56						31.61							5.59	5.59
NCE-Others	Amun solar(12.06.17 to 24.09.17)	Demi kalan (V), Tadwai (M) Kamareddy Dist. Karimnagar (V), Karimnagar (M), Kamarnagar Dist.	15.00	100.00	15.00	32.53	32.53						18.01							5.54	5.54
NCE-Others	ReNew solar(Telangana)	Kodakandla (V), Kamarnagar Dist.	143.00	100.00	143.00	294.19	294.19						163.39							5.55	5.55
NCE-Others	Vayudoot(29.04.17 to 25.09.17)	Pipri (V), Mudhole (M), Nirmal Dist.	15.00	100.00	15.00	31.08	31.08						17.11							5.51	5.51
NCE-Others	Rewanchal(24.03.17 to 24.09.17)	Ganugu Pahad (V), Jangaon Dist.	15.00	100.00	15.00	25.78	25.78						14.76							5.72	5.72
NCE-Others	Tata Power - 22.02.17 to 27.07.17	Ankepally (V), Tandur (M), Mancherial Dist.	15.00	100.00	15.00	27.30	27.30						15.63							5.72	5.72
NCE-Others	ACME Nizamabad	Beeraveli (V), Sarangapur (M), Nirmal Dist.	50.00	100.00	50.00	102.32	102.32						57.10							5.58	5.58
NCE-Others	Sunworld	Abbapur (V), Gollapalli (M), Jagtial dist.	30.00	100.00	30.00	60.27	60.27						34.32							5.69	5.69
NCE-Others	Divine Solren Pvt Ltd	Mallapur (V), Dilawarpur (M), Nirmal Dist. Kodakandla (V), Kamarnagar Dist.	50.00	100.00	50.00	97.14	97.14						53.90							5.55	5.55
NCE-Others	Neo Solren	Kodakandla (V), Kamarnagar Dist.	42.00	100.00	42.00	77.78	77.78						43.29							5.57	5.57
NCE-Others	Padmajiwadi Solar	Padmajiwadi (V), Kamareddy Dist.	10.00	100.00	10.00	21.29	21.29						12.05							5.66	5.66
NCE-Others	Renjal Solar Pvt.Ltd.	Renjal (V), Nizamabad Dist.	15.00	100.00	15.00	30.67	30.67						18.14							5.92	5.92
NCE-Others	Mytrah Abhinav Power	Domakonda (V), Kamareddy Dist.	15.00	100.00	15.00	21.27	21.27						12.42							5.84	5.84
NCE-Others	Sunshakti	Peddapally (V), Kamareddy Dist.	50.00	100.00	50.00	103.05	103.05						55.00							5.34	5.34
NCE-Others	Mytrah Adarsh (Reddy pet)	Reddypet (V), Kamareddy Dist.	15.00	100.00	15.00	25.90	25.90						14.82							5.72	5.72
NCE-Others	Jilesh Power	Kodakandla (V&M), Jangaon Dist.	45.00	100.00	45.00	110.89	110.89						61.10							5.51	5.51
NCE-Others	JADE Solar Energy Pvt Ltd		1.00	100.00	1.00	1.62	1.62						1.00							6.17	6.17
NCE-Others	Renew Saur Shakti Private Ltd	Vangara (V), Bheemdevarepally (M), Warangal Urban Dist.	30.00	100.00	30.00	58.57	58.57						32.62							5.57	5.57
NCE-Others	Mytrah agridya Power Pvt Ltd	Somaram (V), Tadwai (M), Kamareddy Dist.	50.00	100.00	50.00	23.87	23.87						13.24							5.55	5.55
<b>TOTAL NCE - Others</b>			<b>867.00</b>		<b>867.00</b>	<b>1656.98</b>	<b>1656.98</b>	<b>0.00</b>	<b>939.54</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>939.54</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>5.67</b>	<b>5.67</b>
<b>Total NCE</b>			<b>957.45</b>		<b>957.45</b>	<b>1843.41</b>	<b>1843.41</b>	<b>0.00</b>	<b>1048.44</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>1048.44</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>5.69</b>	<b>5.69</b>

Plant wise NCE Generation and Cost Details for Year1. The total should be consistent with values provided in Form 1.4 under NCE.

TYPE	Name	Location	Plant Capacity	DISCOM's share	DISCOM's share	Availability and Dispatch (MU)		Cost (Rs. Crs.)						Unit Cost (Rs. / kWh)					Remarks			
			(MW)	(%)	(MW)	Net Availability	Dispatch	Fixed	Variable	Incentive	Inc. Tax	Others	Total	Fixed	Incentives	Inc. Tax	Others	Variable		Total		
Bio-Mass	Shalivahana Green Energy Ltd	Mancherla/Adilabad	6.00	100.00	6.00	15.24	15.24		9.47						9.47	0.00	0.00	0.00	0.00	6.21	6.21	
Bio-Mass	Gowthami Bio Energy Ltd	Gopalpuram/Khammam	6.00	100.00	6.00	43.63	43.63		27.74						27.74	0.00	0.00	0.00	0.00	6.36	6.36	
Bio-Mass	Ritwik Power Projects Pvt. Limited	Tekulapalli/Khammam	6.00	100.00	6.00	33.70	33.70		21.30						21.30	0.00	0.00	0.00	0.00	6.32	6.32	
Bio-Mass															0.00	0.00	0.00	0.00	0.00	0.00	0.00	
<b>TOTAL Bio-mass</b>			<b>18.00</b>		<b>18.00</b>	<b>92.57</b>	<b>92.57</b>	<b>0.00</b>	<b>58.51</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>58.51</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>6.32</b>	<b>6.32</b>	
Bagasse	Gayathri Sugars (Nizamsagar)	Bhodhan/Nizamabad	16.10	100.00	16.10	11.91	11.91		4.32						4.32	0.00	0.00	0.00	0.00	3.63	3.63	
Bagasse	NCS Gayatri Sugars (Kamareddy)	Dichpally/Nizamabad	6.00	100.00	6.00	3.16	3.16		0.91						0.91	0.00	0.00	0.00	0.00	2.89	2.89	
Bagasse	Kakatiya Cements & Sugars Ltd.,	Kalluru/Khammam	16.70	100.00	16.70	10.06	10.06		2.04						2.04	0.00	0.00	0.00	0.00	2.02	2.02	
Bagasse															0.00	0.00	0.00	0.00	0.00	0.00	0.00	
<b>TOTAL Bagasse</b>			<b>38.80</b>		<b>38.80</b>	<b>25.13</b>	<b>25.13</b>	<b>0.00</b>	<b>7.27</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>7.27</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>2.89</b>	<b>2.89</b>	
Municipal Waste to Energy															0.00	0.00	0.00	0.00	0.00	0.00	0.00	
<b>TOTAL Municipal Waste to Energy</b>			<b>0.00</b>		<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	
Industrial Waste based power project	MSR Mega Bio	Ragunathpally	7.50	100.00	7.50	9.70	9.70		5.93						5.93	0.00	0.00	0.00	0.00	6.11	6.11	
<b>TOTAL Industrial Waste</b>			<b>7.50</b>		<b>7.50</b>	<b>9.70</b>	<b>9.70</b>	<b>0.00</b>	<b>5.93</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>5.93</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>6.11</b>	<b>6.11</b>	
<b>TOTAL Wind Power</b>			<b>0.00</b>		<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	
Mini Hydel	Kallam Spinning Ltd.,	Nelakondapally/Khammam	4.00	100.00	4.00	2.63	2.63		0.72						0.72	0.00	0.00	0.00	0.00	2.74	2.74	
Mini Hydel	Saraswathi Power	Chintakunta/Karimnagar	2.00	100.00	2.00	0.00	0.00		0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00	
<b>TOTAL Mini Hydel</b>			<b>6.00</b>		<b>6.00</b>	<b>2.63</b>	<b>2.63</b>	<b>0.00</b>	<b>0.72</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.72</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>2.74</b>	<b>2.74</b>	
<b>NCL Energy Ltd</b>															0.00	0.00	0.00	0.00	0.00	0.00	0.00	
<b>TOTAL- NCL Energy Ltd</b>			<b>0.00</b>		<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	
NCE-Others	ACME Fazilka Solar Power (P) Ltd	Nizamabad	15.00	100.00	15.00	28.90	28.90		16.54						16.54	0.00	0.00	0.00	0.00	5.72	5.72	
NCE-Others	ACME Karimnagar Solar Power (P) Ltd	Peddapalli	15.00	100.00	15.00	26.71	26.71		15.31						15.31	0.00	0.00	0.00	0.00	5.73	5.73	
NCE-Others	ACME Narwana Solar Power (P) Ltd	Kamareddy	15.00	100.00	15.00	28.03	28.03		16.12						16.12	0.00	0.00	0.00	0.00	5.75	5.75	
NCE-Others	ACME Warangal Solar Power (P) Ltd	Sircilla Rajanna	15.00	100.00	15.00	27.92	27.92		15.98						15.98	0.00	0.00	0.00	0.00	5.72	5.72	
NCE-Others	ACME Rangareddy Solar Power (P) Ltd	Sircilla Rajanna	30.00	100.00	30.00	52.48	52.48		29.30						29.30	0.00	0.00	0.00	0.00	5.58	5.58	
NCE-Others	Neemuch Solar Power Pvt Ltd	Jagitial	15.00	100.00	15.00	28.34	28.34		16.23						16.23	0.00	0.00	0.00	0.00	5.73	5.73	
NCE-Others	RA Emviro Vent (P) Ltd., Ellanthakunta (N	Ellanthakunta/Karimnagar	10.00	100.00	10.00	17.22	17.22		11.07						11.07	0.00	0.00	0.00	0.00	6.43	6.43	
NCE-Others	ERA Emviro Vent (P) Ltd., Manakondur N	Manakondur/Karimnagar	5.00	100.00	5.00	8.45	8.45		5.42						5.42	0.00	0.00	0.00	0.00	6.41	6.41	
NCE-Others	nier Photo Medak (P) Ltd., (Kommera) NP	Kommera/Mancherla	10.00	100.00	10.00	15.51	15.51		9.93						9.93	0.00	0.00	0.00	0.00	6.40	6.40	
NCE-Others	ier Photo Medak (P) Ltd., (Talamadla) (NF	Talamadla/Kamareddy	10.00	100.00	10.00	17.67	17.67		11.36						11.36	0.00	0.00	0.00	0.00	6.43	6.43	
NCE-Others	Renew Mega Solar Power P Ltd	Mancherla	48.00	100.00	48.00	86.00	86.00		50.93						50.93	0.00	0.00	0.00	0.00	5.92	5.92	
NCE-Others	Suryodaya - 18.05.17 to 25.07.17	Kamareddy	34.00	100.00	34.00	62.51	62.51		34.77						34.77	0.00	0.00	0.00	0.00	5.56	5.56	
NCE-Others	Tata Power - 22.02.17 to 27.07.17	Mancherla	15.00	100.00	15.00	26.37	26.37		15.09						15.09	0.00	0.00	0.00	0.00	5.72	5.72	
NCE-Others	Purvanchal Solar Power (P) Ltd	Peddapalli	15.00	100.00	15.00	27.85	27.85		15.98						15.98	0.00	0.00	0.00	0.00	5.74	5.74	
NCE-Others	Ujjvalatejas Solaire Urja Pvt Ltd	Nandipet, Nizamabad Dist.	20.00	100.00	20.00	36.60	36.60		24.74						24.74	0.00	0.00	0.00	0.00	6.76	6.76	
NCE-Others	ReNew solar(Telangana)	Nizamabad	143.00	100.00	143.00	279.42	279.42		155.11						155.11	0.00	0.00	0.00	0.00	5.55	5.55	
NCE-Others	Amun solar(12.06.17 to 24.09.17)	Kamareddy	15.00	100.00	15.00	27.21	27.21		15.05						15.05	0.00	0.00	0.00	0.00	5.53	5.53	
NCE-Others	Rewanchal(24.03.17 to 24.09.17)	Jangaon	15.00	100.00	15.00	23.75	23.75		13.60						13.60	0.00	0.00	0.00	0.00	5.72	5.72	
NCE-Others	Vayudoot(29.04.17 to 25.09.17)	Nirmal	15.00	100.00	15.00	20.99	20.99		11.56						11.56	0.00	0.00	0.00	0.00	5.51	5.51	
NCE-Others	ACME Nizamabad	Nirmal	50.00	100.00	50.00	95.92	95.92		53.72						53.72	0.00	0.00	0.00	0.00	5.60	5.60	
NCE-Others	Sunworld	Jagitial	30.00	100.00	30.00	55.73	55.73		31.03						31.03	0.00	0.00	0.00	0.00	5.57	5.57	
NCE-Others	Neo Solren	Mahabubabad	42.00	100.00	42.00	74.47	74.47		41.45						41.45	0.00	0.00	0.00	0.00	5.57	5.57	
NCE-Others	Sunshakti	Kamareddy	50.00	100.00	50.00	96.98	96.98		51.28						51.28	0.00	0.00	0.00	0.00	5.29	5.29	
NCE-Others	Mytra Adarsh (Reddy pet)	Kamareddy	15.00	100.00	15.00	26.80	26.80		16.55						16.55	0.00	0.00	0.00	0.00	6.18	6.18	
NCE-Others	Jilesh Power	Mahabubabad	45.00	100.00	45.00	91.71	91.71		50.86						50.86	0.00	0.00	0.00	0.00	5.55	5.55	
NCE-Others	Renew Saur Shakti Private Ltd (Mulkanoor	Warangal Urban	30.00	100.00	30.00	53.36	53.36		29.70						29.70	0.00	0.00	0.00	0.00	5.57	5.57	
NCE-Others	Oberon PCPL(Kakarvai)	Kakarvai /Khammam	5.00	100.00	5.00	3.51	3.51		1.94						1.94	0.00	0.00	0.00	0.00	5.52	5.52	
NCE-Others	Oberon PCPL(T R Gudem)	Tippareddygudem /Khammam	5.00	100.00	5.00	3.32	3.32		2.04						2.04	0.00	0.00	0.00	0.00	6.15	6.15	
NCE-Others	Divine Solren Pvt Ltd	Nirmal	50.00	100.00	50.00	91.73	91.73		51.10						51.10	0.00	0.00	0.00	0.00	5.57	5.57	
NCE-Others	Padmajiwadi Solar	Kamareddy	10.00	100.00	10.00	20.24	20.24		11.67						11.67	0.00	0.00	0.00	0.00	5.76	5.76	
NCE-Others	Renjal Solar Pvt.Ltd.	Nizamabad	15.00	100.00	15.00	29.50	29.50		16.89						16.89	0.00	0.00	0.00	0.00	5.72	5.72	
NCE-Others	Mytra Abhinav Power (Domakonda)	Kamareddy	15.00	100.00	15.00	24.37	24.37		13.95						13.95	0.00	0.00	0.00	0.00	5.72	5.72	
NCE-Others	Mytra agriya Power Pvt Ltd	Kamareddy	50.00	100.00	50.00	82.13	82.13		45.87						45.87	0.00	0.00	0.00	0.00	5.59	5.59	
NCE-Others	ITPC Ramagundam solar Pvt.Ltd. (NPDC)	Ramagundam	4.00	100.00	4.00	13.80	13.80		12.91						12.91	0.00	0.00	0.00	0.00	9.35	9.35	
<b>TOTAL NCE - Others</b>																						

**Form 1.4(iii) NCE Generation (Year 2)**

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)					Remarks		
						Net Availability	Dispatch	Fixed	Variable	Incentive	Inc. Tax	Others	Total	Fixed	Incentives	Inc. Tax	Others		Variable	Total
Bio-Mass	Shalivahana Green Energy Ltd	Mancheril/Adilabad	6.00	100.00	6.00	23.75	23.75							15.81	0.00	0.00	0.00	0.00	6.66	6.66
Bio-Mass	Gowthami Bio Energy Ltd	Gopalpuram/Khammam	6.00	100.00	6.00	40.83	40.83							29.58	0.00	0.00	0.00	0.00	7.24	7.24
Bio-Mass	Ritwik Power Projects Pvt. Limited	Tekulapalli/Khammam	6.00	100.00	6.00	38.82	38.82							27.60	0.00	0.00	0.00	0.00	7.11	7.11
<b>TOTAL Bio-mass</b>			<b>18.00</b>		<b>18.00</b>	<b>103.40</b>	<b>103.40</b>	<b>0.00</b>	<b>72.99</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>72.99</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>7.06</b>	<b>7.06</b>
Bagasse	Gayathri Sugars (Nizamsagar)	Bhodhan/Nizamabad	16.10	100.00	16.10	12.18	12.18							4.34	0.00	0.00	0.00	0.00	3.57	3.57
Bagasse	NCS Gayatri Sugars (Kamareddy)	Dichpally/Nizamabad	6.00	100.00	6.00	2.20	2.20							0.78	0.00	0.00	0.00	0.00	3.56	3.56
Bagasse	Kakatiya Cements & Sugars Ltd.,	Kalluru/Khammam	16.70	100.00	16.70	4.18	4.18							1.89	0.00	0.00	0.00	0.00	4.52	4.52
<b>TOTAL Bagasse</b>			<b>38.80</b>		<b>38.80</b>	<b>18.56</b>	<b>18.56</b>	<b>0.00</b>	<b>7.02</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>7.02</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>3.78</b>	<b>3.78</b>
Municipal Waste to Energy														0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>TOTAL Municipal Waste to Energy</b>			<b>0.00</b>		<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
Industrial Waste based power project	MSR Mega Bio	Ragunathpally	7.50	100.00	7.50	34.60	34.60							22.74	0.00	0.00	0.00	0.00	6.57	6.57
<b>TOTAL Industrial Waste</b>			<b>7.50</b>		<b>7.50</b>	<b>34.60</b>	<b>34.60</b>	<b>0.00</b>	<b>22.74</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>22.74</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>6.57</b>	<b>6.57</b>
Wind Power														0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>TOTAL Wind Power</b>			<b>0.00</b>		<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
Mini Hydel	Kallam Spinning Ltd.,	Nelakondapally/Khammam	4.00	100.00	4.00	1.74	1.74							0.50	0.00	0.00	0.00	0.00	2.85	2.85
Mini Hydel	Saraswathi Power	Chintakunta/Karimnagar	2.00	100.00	2.00	0.00	0.00							0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>TOTAL Mini Hydel</b>			<b>6.00</b>		<b>6.00</b>	<b>1.74</b>	<b>1.74</b>	<b>0.00</b>	<b>0.50</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.50</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>2.85</b>	<b>2.85</b>
<b>TOTAL- NCL Energy Ltd</b>			<b>0.00</b>		<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
NCE-Others	ACME Fazilka Solar Power (P) Ltd	Nizamabad	15	100.00	15.00	29.43	29.43							16.82	0.00	0.00	0.00	0.00	5.72	5.72
NCE-Others	ACME Karimnagar Solar Power (P) Ltd	Peddapalli	15	100.00	15.00	27.50	27.50							15.75	0.00	0.00	0.00	0.00	5.72	5.72
NCE-Others	ACME Narwana Solar Power (P) Ltd	Kamareddy	15	100.00	15.00	28.93	28.93							16.56	0.00	0.00	0.00	0.00	5.72	5.72
NCE-Others	ACME Warangal Solar Power (P) Ltd	Sircilla Rajanna	15	100.00	15.00	28.86	28.86							16.52	0.00	0.00	0.00	0.00	5.72	5.72
NCE-Others	ACME Rangareddy Solar Power (P) Ltd	Sircilla Rajanna	30	100.00	30.00	54.31	54.31							30.35	0.00	0.00	0.00	0.00	5.59	5.59
NCE-Others	Neemuch Solar Power Pvt Ltd	Jagtitla	15	100.00	15.00	29.35	29.35							16.80	0.00	0.00	0.00	0.00	5.72	5.72
NCE-Others	ERA Emviro Vent (P) Ltd., Ellanthakunta (NP)	Ellanthakunta/Karimnagar	10	100.00	10.00	18.38	18.38							11.83	0.00	0.00	0.00	0.00	6.43	6.43
NCE-Others	ERA Emviro Vent (P) Ltd., Manakondur (NP)	Manakondur/Karimnagar	5	100.00	5.00	8.67	8.67							5.56	0.00	0.00	0.00	0.00	6.41	6.41
NCE-Others	emier Photo Medak (P) Ltd., (Kommera) (NPD)	Kommera/Mancheril	10	100.00	10.00	15.38	15.38							9.78	0.00	0.00	0.00	0.00	6.36	6.36
NCE-Others	mier Photo Medak (P) Ltd., (Talamadla) (NPD)	Talamadla/Kamareddy	10	100.00	10.00	17.18	17.18							10.98	0.00	0.00	0.00	0.00	6.39	6.39
NCE-Others	Renew Mega Solar Power P Ltd	Mancheril	48	100.00	48.00	89.31	89.31							49.75	0.00	0.00	0.00	0.00	5.57	5.57
NCE-Others	Suryodaya - 18.05.17 to 25.07.17	Kamareddy	34	100.00	34.00	62.16	62.16							34.52	0.00	0.00	0.00	0.00	5.55	5.55
NCE-Others	Tata Power - 22.02.17 to 27.07.17	Mancheril	15	100.00	15.00	29.58	29.58							16.92	0.00	0.00	0.00	0.00	5.72	5.72
NCE-Others	Purvanchal Solar Power (P) Ltd	Peddapalli	15	100.00	15.00	29.76	29.76							17.03	0.00	0.00	0.00	0.00	5.72	5.72
NCE-Others	Ujvalatejas Solaire Urja Pvt Ltd		20	100.00	20.00	37.33	37.33							25.24	0.00	0.00	0.00	0.00	6.76	6.76
NCE-Others	ReNew solar(Telangana)	Nizamabad	143	100.00	143.00	270.81	270.81							150.47	0.00	0.00	0.00	0.00	5.56	5.56
NCE-Others	Amun solar(12.06.17 to 24.09.17)	Kamareddy	15	100.00	15.00	26.01	26.01							14.41	0.00	0.00	0.00	0.00	5.54	5.54
NCE-Others	Rewanchal(24.03.17 to 24.09.17)	Jangaon	15	100.00	15.00	25.27	25.27							14.47	0.00	0.00	0.00	0.00	5.72	5.72
NCE-Others	Vayudoot(29.04.17 to 25.09.17)	Nirmal	15	100.00	15.00	23.31	23.31							12.82	0.00	0.00	0.00	0.00	5.50	5.50
NCE-Others	ACME Nizamabad	Nirmal	50	100.00	50.00	99.14	99.14							55.43	0.00	0.00	0.00	0.00	5.59	5.59
NCE-Others	Sunworld	Jagtitla	30	100.00	30.00	57.99	57.99							32.28	0.00	0.00	0.00	0.00	5.57	5.57
NCE-Others	Neo Solren	Mahabubabad	42	100.00	42.00	69.56	69.56							38.72	0.00	0.00	0.00	0.00	5.57	5.57
NCE-Others	Sunshakti	Kamareddy	50	100.00	50.00	84.19	84.19							45.47	0.00	0.00	0.00	0.00	5.40	5.40
NCE-Others	Mytrah Adarsh (Reddy pet)	Kamareddy	15	100.00	15.00	27.57	27.57							15.73	0.00	0.00	0.00	0.00	5.70	5.70
NCE-Others	Jilesh Power	Mahabubabad	45	100.00	45.00	97.74	97.74							54.24	0.00	0.00	0.00	0.00	5.55	5.55
NCE-Others	Renew Saur Shakti Private Ltd (Mulkanoor)	Warangal Urban	30	100.00	30.00	49.92	49.92							27.79	0.00	0.00	0.00	0.00	5.57	5.57
NCE-Others	Oberon PCPL(Kakarvai)	Kakarvai /Khammam	5	100.00	5.00	7.10	7.10							3.92	0.00	0.00	0.00	0.00	5.52	5.52
NCE-Others	Oberon PCPL(T R Gudem)	Tippareddygudem /Khammam	5	100.00	5.00	14.56	14.56							4.03	0.00	0.00	0.00	0.00	2.77	2.77
NCE-Others	Divine Solren Pvt Ltd	Nirmal	50	100.00	50.00	92.90	92.90							51.77	0.00	0.00	0.00	0.00	5.57	5.57
NCE-Others	Padmajwadi Solar	Kamareddy	10	100.00	10.00	20.19	20.19							11.56	0.00	0.00	0.00	0.00	5.72	5.72
NCE-Others	Renjal Solar Pvt.Ltd.	Nizamabad	15	100.00	15.00	29.06	29.06							16.64	0.00	0.00	0.00	0.00	5.72	5.72
NCE-Others	Mytrah Abhinav Power (Domakonda)	Kamareddy	15	100.00	15.00	24.68	24.68							14.27	0.00	0.00	0.00	0.00	5.78	5.78
NCE-Others	Mytrah agridya Power Pvt Ltd	Kamareddy	50	100.00	50.00	88.32	88.32							49.32	0.00	0.00	0.00	0.00	5.58	5.58
NCE-Others	NTPC Ramagundam solar Pvt.Ltd. (NPDCCL)	Ramagundam	10	100.00	10.00	13.45	13.45							12.57	0.00	0.00	0.00	0.00	9.35	9.35
<b>TOTAL NCE - Others</b>			<b>882.00</b>		<b>882.00</b>	<b>1627.87</b>	<b>1627.87</b>	<b>0.00</b>	<b>920.32</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>920.32</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>5.65</b>	<b>5.65</b>
<b>Total NCE</b>			<b>952.30</b>		<b>952.30</b>	<b>1786.17</b>	<b>1786.17</b>	<b>0.00</b>	<b>1023.57</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>1023.57</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>5.73</b>	<b>5.73</b>

**Form 1.5 Interest on Consumer Security Deposits**

**Amount (In Rs crores)**

Revenue Requirement Item (Rs. Crs.)	Details link	For Control Period						Remarks					
		Base Year	2019-20	2020-21	2021-22	2022-23	2023-24	Base Year	2019-20	2020-21	2021-22	2022-23	2023-24
A	Opening Balance	754.73	931.55	1013.78	1073.63	1143.01							
B	Additions during the Year	176.81	82.24	59.85	69.39	23.83							
C	Deductions during the Year	0.00	0.00	0.00	0.00	0.00							
D	Closing Balance	931.55	1013.78	1073.63	1143.01	1166.85							
E	Average Balance ((A+D)/2)	843.14	972.66	1043.70	1108.32	1154.93							
F	Interest @ % p.a. #	6.25	6.24	4.09	4.25	4.25							
<b>G</b>	<b>Interest Cost (E*F)</b>	<b>52.71</b>	<b>60.73</b>	<b>42.66</b>	<b>47.10</b>	<b>49.08</b>							

**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. #	6.25	6.24	4.09	4.25	4.25	
<b>J</b>	<b>Interest Cost (E*F)</b>	<b>52.71</b>	<b>60.73</b>	<b>42.66</b>	<b>47.10</b>	<b>49.08</b>	<b>0.00</b>



[Index Sheet](#)

**Form 1.6 Supply Margin**

**Amount (In Rs crores)**

Particulars		Details link	For Control Period						Remarks					
			Base Year	2019-20	2020-21	2021-22	2022-23	2023-24	Base Year	2019-20	2020-21	2021-22	2022-23	2023-24
A	Supply Margin Amount		11.20	13.05	14.74	21.36	26.04							

[Index sheet](#)

Form 1.7

Other Costs

Amount (In Rs crores)

S.No.	Particulars	Details link	For Control Period					Remarks						
			Base Year	2019-20	2020-21	2021-22	2022-23	2023-24	Base Year	2019-20	2020-21	2021-22	2022-23	2023-24
1	Provision for bad and doubtful debts			2.24										
2														
3														
4														
5														
6														
7														
8														
9														
10														
11														
12														
	<b>Total</b>		<b>0.00</b>	<b>2.24</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>					

## Cost of Service: Embedded Cost Method

Consumer Categories	Detail Links	2022-23		
		Total Cost Allocation (Rs.Crs)	Sales (MU)	CoS (Rs/unit)
<b>LT Category</b>		<b>11826.11</b>	<b>13261.33</b>	<b>8.92</b>
Category I (A&B) - Domestic	<a href="#">Form-3</a>	3800.77	4258.99	8.92
Category II (A, B, C & D) - Non-domestic/Commercial	<a href="#">Form-13</a>	674.78	819.84	8.23
Category III - Industrial		196.80	250.79	7.85
Cat IV- Cottage Industries, Dhobighats & Others		8.83	8.58	10.29
Category V (A & B) - Irrig & Agriculture		6745.13	7525.14	8.96
Category VI - Local Bodies, St. Lighting & PWS		343.88	340.77	10.09
Category VII General Purpose (A&B) & Temporary Supply		55.92	52.67	10.62
<b>HT Category at 11 KV</b>		<b>1255.66</b>	<b>2330.86</b>	<b>5.39</b>
HT-I Industry Segregated		565.17	960.76	5.88
HT-II - Others		83.36	133.38	6.25
HT-III Airports, Railways and Bustations		4.24	7.38	5.75
HT-IV (A) & (B) Lift Irrigation and Agriculture & CPWS		113.53	32.59	34.83
HT-VI Townships and Residential Colonies		5.38	8.79	6.12
HT-VII Temporary Supply & EV Charging Stations		16.19		
HT- RESCOs		467.80	20.92	223.65
<b>HT Category at 33 KV</b>		<b>343.66</b>	<b>648.65</b>	<b>5.30</b>
HT-I Industry Segregated		85.41	159.20	5.37
HT-I (B) Ferro-Alloys		32.05	63.65	5.03
HT-II - Others		6.02	10.41	5.79
HT-IV (A) & (B) Lift Irrigation and Agriculture & CPWS		191.03	27.08	70.55
HT-VI Townships and Residential Colonies		20.63	38.48	5.36
HT-VII Temporary Supply		8.53		
<b>HT Category at 132 KV</b>		<b>4757.92</b>	<b>9663.81</b>	<b>4.92</b>
HT-I Industry Segregated & HMWSSB		302.69	610.82	4.96
HT-II - Others		3.56	3.40	10.46
HT-IV (A) & (B) Lift Irrigation and Agriculture & CPWS		4162.86	8441.78	4.93
HT-V (A) Railway Traction		240.06	480.48	5.00
HT-VI Townships and Residential Colonies		48.74	99.23	4.91
<b>Total</b>		<b>18183.36</b>	<b>25904.66</b>	<b>7.02</b>

## Base Year

Sales / Forecast Sales (MU)	D Link	April	May	June	July	August	September	October	November	December	January	February	March	Total	Remarks
<b>LT Category</b>		<b>932.74</b>	<b>695.37</b>	<b>657.50</b>	<b>966.60</b>	<b>1017.60</b>	<b>1321.95</b>	<b>1424.77</b>	<b>907.55</b>	<b>964.73</b>	<b>1073.44</b>	<b>1142.51</b>	<b>1591.91</b>	<b>12696.66</b>	
Category I (A&B) - Domestic		307.31	310.77	327.32	292.81	276.09	267.74	286.82	268.87	232.98	199.24	196.71	229.85	<b>3196.51</b>	
Category II (A,B,C&D) - Non-domestic/Commercial		61.59	62.93	64.04	60.59	57.48	57.22	58.55	56.22	51.71	48.19	47.96	53.57	<b>680.07</b>	
Category III - Industrial		20.71	20.80	22.66	19.43	18.67	17.17	17.51	18.56	21.43	26.42	25.27	19.42	<b>248.04</b>	
Category IV (A,&B) - Cottage Industries & Agrobased Ind.		0.64	0.51	0.59	0.59	0.60	0.60	0.60	0.60	0.58	0.58	0.56	0.55	<b>6.99</b>	
Category V (A&B) - Irrigation and Agriculture		508.70	269.94	213.07	562.54	634.65	949.80	1031.50	531.63	627.63	769.20	842.62	1259.25	<b>8200.54</b>	
Category VI (A & B) - Local Bodies, St. Lighting & PWS		27.59	27.16	26.38	26.04	25.28	24.61	24.86	27.26	25.91	25.87	25.41	24.43	<b>310.82</b>	
Category VII (A & B) - General Purpose & Religious Places		6.19	3.26	3.44	4.59	4.84	4.80	4.94	4.41	4.48	3.93	3.98	4.83	<b>53.69</b>	
Category VIII -Temporary Supply														<b>0.00</b>	
Category IX -Electric Vehicles Charging Stations														<b>0.00</b>	
<b>HT Category at 11 KV</b>		<b>164.92</b>	<b>117.32</b>	<b>125.43</b>	<b>137.15</b>	<b>156.41</b>	<b>176.44</b>	<b>167.20</b>	<b>154.19</b>	<b>139.68</b>	<b>160.54</b>	<b>154.86</b>	<b>159.97</b>	<b>1814.12</b>	
HT-I Industry		51.71	51.31	60.05	55.52	53.70	53.38	53.11	56.60	57.16	64.22	66.34	54.41	<b>677.51</b>	
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	<b>0.00</b>	
HT-II - Others		13.50	13.80	14.08	11.60	12.69	12.73	13.36	12.84	10.84	10.03	11.01	12.13	<b>148.61</b>	
HT-III Airports, Railway and Busstations		0.71	0.76	0.76	0.63	0.62	0.61	0.63	0.61	0.51	0.50	0.51	0.60	<b>7.46</b>	
HT-IV A Lift Irrigation & Agriculture		3.90	0.74	1.41	0.72	1.89	3.29	4.09	4.33	2.99	3.94	4.80	4.58	<b>36.68</b>	
HT- IV B - CP Water Supply Schemes		2.01	2.09	2.36	2.53	3.17	3.74	4.39	5.45	5.00	5.30	5.73	6.08	<b>47.83</b>	
HT-VI Townships and Residential Colonies		1.10	1.22	1.08	0.91	0.94	0.85	0.93	0.81	0.70	0.65	0.62	0.71	<b>10.52</b>	
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	<b>0.00</b>	
HT- RESCOs		92.01	47.39	45.70	65.24	83.40	101.84	90.70	73.55	62.48	75.90	65.85	81.44	<b>885.51</b>	
HT- IX Electric Vehicles Charging Stations														<b>0.00</b>	
<b>HT Category at 33 KV</b>		<b>32.44</b>	<b>25.92</b>	<b>25.72</b>	<b>26.46</b>	<b>38.10</b>	<b>37.60</b>	<b>39.51</b>	<b>45.33</b>	<b>43.22</b>	<b>45.89</b>	<b>46.05</b>	<b>45.53</b>	<b>451.77</b>	
HT-I Industry		18.38	16.32	15.28	14.22	15.87	16.93	15.71	17.18	18.63	19.85	18.91	17.71	<b>204.98</b>	
HT-I (B) Ferro-Alloys		2.73	2.62	2.79	2.83	2.57	2.22	2.85	3.87	4.02	4.08	3.99	3.20	<b>37.77</b>	
HT-II - Others		2.54	2.21	2.22	1.24	1.38	1.25	1.23	1.35	1.25	1.17	1.33	1.54	<b>18.71</b>	
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	<b>0.00</b>	
HT-IV A Lift Irrigation & Agriculture		4.68	0.07	0.06	0.08	6.09	5.39	3.55	5.93	2.89	3.25	4.46	4.39	<b>40.85</b>	
HT- IV B - CP Water Supply Schemes		0.31	0.75	1.25	4.60	8.48	8.16	12.72	13.67	13.44	14.59	14.38	15.48	<b>107.83</b>	
HT-VI Townships and Residential Colonies		3.80	3.94	4.12	3.50	3.72	3.64	3.45	3.33	3.00	2.94	2.97	3.21	<b>41.63</b>	
HT - VIII - 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	<b>0.00</b>	
HT- IX Electric Vehicles Charging Stations														<b>0.00</b>	
														<b>0.00</b>	
<b>HT Category at 132 KV</b>		<b>176.10</b>	<b>120.03</b>	<b>130.98</b>	<b>129.15</b>	<b>192.03</b>	<b>227.56</b>	<b>244.67</b>	<b>239.75</b>	<b>193.19</b>	<b>186.72</b>	<b>172.42</b>	<b>219.41</b>	<b>2232.02</b>	
HT-I Industry		66.20	62.38	65.88	57.31	64.25	68.99	72.21	69.29	66.49	71.62	69.86	70.22	<b>804.68</b>	
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	<b>0.00</b>	
HT-II - Others		0.35	0.13	0.54	0.43	0.43	0.50	0.41	0.26	1.14	0.37	0.07	0.27	<b>4.88</b>	
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	<b>0.00</b>	
HT-IV A Lift Irrigation & Agriculture		65.79	13.56	19.68	29.14	83.02	112.99	125.78	124.69	82.12	70.13	58.32	105.74	<b>890.94</b>	
HT- IV B - CP Water Supply Schemes		0.00	0.00	0.00	0.00	0.00	0.00	1.11	1.12	1.09	1.21	1.19	1.38	<b>7.09</b>	
HT-V Railway Traction		34.83	34.93	35.43	33.21	35.27	36.60	36.53	36.33	33.88	36.48	36.21	34.01	<b>423.71</b>	
HT-VI Townships and Residential Colonies		8.94	9.04	9.46	9.06	9.07	8.47	8.62	8.07	8.47	6.92	6.78	7.80	<b>100.72</b>	
HT - VIII - 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	<b>0.00</b>	
HT- IX Electric Vehicles Charging Stations														<b>0.00</b>	
														<b>0.00</b>	
<b>Total</b>		<b>1306.21</b>	<b>958.64</b>	<b>939.63</b>	<b>1259.36</b>	<b>1404.14</b>	<b>1763.55</b>	<b>1876.15</b>	<b>1346.83</b>	<b>1340.82</b>	<b>1466.59</b>	<b>1515.83</b>	<b>2016.82</b>	<b>17194.57</b>	

2019-20

Sales / Forecast Sales (MU)	D Link	April	May	June	July	August	September	October	November	December	January	February	March	Total	Remarks
<b>LT Category</b>		<b>1049.78</b>	<b>807.65</b>	<b>726.93</b>	<b>939.35</b>	<b>1059.59</b>	<b>870.26</b>	<b>816.37</b>	<b>705.78</b>	<b>961.44</b>	<b>1182.15</b>	<b>1317.29</b>	<b>1628.24</b>	<b>12064.83</b>	
Category I (A&B) - Domestic		308.58	379.43	387.14	318.71	303.63	299.58	302.76	287.88	249.42	226.91	234.01	249.01	<b>3547.05</b>	
Category II (A,B,C&D) - Non-domestic/Commercial		66.82	73.30	76.30	67.85	64.73	61.92	61.54	59.94	56.99	54.69	55.44	58.46	<b>757.98</b>	
Category III - Industrial		21.21	20.44	21.49	18.97	17.47	16.38	15.92	14.93	21.13	27.47	25.58	23.37	<b>244.36</b>	
Category IV (A,&B) - Cottage Industries & Agrobased Ind.		0.64	0.66	0.66	0.62	0.63	0.63	0.62	0.63	0.60	0.62	0.59	0.65	<b>7.55</b>	
Category V (A&B) - Irrigation and Agriculture		621.37	303.34	211.24	503.74	643.72	461.59	405.12	311.55	602.59	840.88	969.74	1265.38	<b>7140.27</b>	
Category VI (A & B) - Local Bodies, St. Lighting & PWS		26.08	26.20	25.66	24.02	23.81	24.52	26.00	25.92	25.43	26.75	27.23	26.20	<b>307.82</b>	
Category VII (A & B) - General Purpose & Religious Places		5.09	4.28	4.43	5.44	5.59	5.65	4.41	4.92	5.27	4.80	4.64	5.10	<b>59.63</b>	
Category VIII -Temporary Supply		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.03	0.06	0.07	<b>0.17</b>	
Category IX -Electric Vehicles Charging Stations														<b>0.00</b>	
<b>HT Category at 11 KV</b>		<b>235.38</b>	<b>168.54</b>	<b>174.59</b>	<b>179.52</b>	<b>196.52</b>	<b>214.42</b>	<b>175.33</b>	<b>173.15</b>	<b>204.92</b>	<b>251.75</b>	<b>256.43</b>	<b>245.69</b>	<b>1907.88</b>	
HT-I Industry		55.84	54.10	55.12	55.04	55.27	55.84	53.14	61.84	73.60	75.89	76.70	64.96	<b>737.34</b>	
HT-I (B) Ferro-Alloys														<b>0.00</b>	
HT-II - Others		14.63	15.46	16.29	11.47	10.34	11.24	10.39	10.25	9.19	9.10	9.39	9.70	<b>137.45</b>	
HT-III Airports, Railway and Busstations		0.71	0.78	0.86	0.65	0.64	0.64	0.60	0.58	0.52	0.51	0.56	0.53	<b>7.56</b>	
HT-IV A Lift Irrigation & Agriculture		3.68	1.59	0.68	0.29	1.47	3.14	1.80	1.13	1.21	2.75	4.90	5.49	<b>28.12</b>	
HT- IV B - CP Water Supply Schemes		7.98	7.71	7.89	6.95	7.97	7.89	8.09	9.07	9.03	9.80	9.76	9.63	<b>101.76</b>	
HT-VI Townships and Residential Colonies		0.87	0.91	1.01	0.77	0.79	0.80	0.64	0.52	0.59	0.64	0.65	0.69	<b>8.87</b>	
HT - VII - Temporary Supply		0.00	0.00	0.10	1.66	2.31	2.43	2.19	1.71	1.89	1.24	2.09	1.76	<b>17.38</b>	
HT- RESCOs		101.72	43.23	47.29	62.86	72.94	83.67	53.20	37.28	61.83	101.47	99.18	104.71	<b>869.39</b>	
HT- IX Electric Vehicles Charging Stations														<b>0.00</b>	
<b>HT Category at 33 KV</b>		<b>49.96</b>	<b>44.76</b>	<b>45.35</b>	<b>39.83</b>	<b>44.80</b>	<b>48.79</b>	<b>45.28</b>	<b>50.76</b>	<b>47.07</b>	<b>50.36</b>	<b>53.22</b>	<b>48.21</b>	<b>568.38</b>	
HT-I Industry		18.67	16.10	17.20	14.30	15.84	16.41	15.81	16.20	17.43	16.89	17.37	15.80	<b>198.02</b>	
HT-I (B) Ferro-Alloys		3.69	4.21	3.75	3.85	2.80	3.90	1.97	3.10	3.20	3.80	4.34	2.91	<b>41.51</b>	
HT-II - Others		1.65	1.85	1.27	0.80	0.76	0.89	0.73	0.79	0.74	0.82	0.94	0.89	<b>12.12</b>	
HT-III Airports, Railway and Busstations														<b>0.00</b>	
HT-IV A Lift Irrigation & Agriculture		3.17	0.12	0.08	0.07	4.50	5.14	5.41	7.67	2.66	5.27	7.77	4.64	<b>46.51</b>	
HT- IV B - CP Water Supply Schemes		18.94	18.26	18.23	16.13	16.67	18.10	17.14	18.50	18.73	19.21	19.69	19.60	<b>219.20</b>	
HT-VI Townships and Residential Colonies		3.84	4.21	4.82	3.91	3.67	3.80	3.66	3.38	2.99	3.01	1.60	3.12	<b>42.00</b>	
HT - VII - Temporary Supply		0.00	0.00	0.00	0.77	0.56	0.55	0.56	1.12	1.32	1.35	1.51	1.25	<b>9.01</b>	
HT- IX Electric Vehicles Charging Stations														<b>0.00</b>	
														<b>0.00</b>	
<b>HT Category at 132 KV</b>		<b>182.03</b>	<b>122.96</b>	<b>121.89</b>	<b>174.14</b>	<b>321.04</b>	<b>452.14</b>	<b>201.71</b>	<b>470.39</b>	<b>661.94</b>	<b>326.60</b>	<b>468.23</b>	<b>568.21</b>	<b>4071.28</b>	
HT-I Industry		70.93	71.53	70.67	73.91	68.72	77.02	67.63	70.81	76.57	73.01	76.62	76.59	<b>874.01</b>	
HT-I (B) Ferro-Alloys														<b>0.00</b>	
HT-II - Others		0.13	0.60	0.14	0.35	0.49	0.75	0.59	0.40	0.47	0.07	0.10	0.05	<b>4.13</b>	
HT-III Airports, Railway and Busstations														<b>0.00</b>	
HT-IV A Lift Irrigation & Agriculture		62.47	2.75	2.27	49.95	203.91	326.82	87.17	350.16	536.13	203.30	336.79	439.75	<b>2601.47</b>	
HT- IV B - CP Water Supply Schemes		1.50	1.90	1.75	2.20	1.82	1.90	1.72	1.85	2.10	1.82	1.58	2.15	<b>22.29</b>	
HT-V Railway Traction		37.91	36.02	36.97	38.36	37.23	35.26	34.64	37.92	36.62	38.58	40.99	36.59	<b>447.09</b>	
HT-VI Townships and Residential Colonies		9.10	10.16	10.09	9.00	8.17	9.12	8.46	7.73	7.20	6.88	6.98	8.03	<b>100.92</b>	
HT - VIII - Temporary Supply		0.00	0.00	0.00	0.38	0.71	1.26	1.50	1.51	2.85	2.94	5.17	5.06	<b>21.37</b>	
HT- IX Electric Vehicles Charging Stations														<b>0.00</b>	
														<b>0.00</b>	
<b>Total</b>		<b>1517.15</b>	<b>1143.90</b>	<b>1068.76</b>	<b>1332.85</b>	<b>1621.96</b>	<b>1585.60</b>	<b>1238.70</b>	<b>1400.08</b>	<b>1875.37</b>	<b>1810.85</b>	<b>2095.17</b>	<b>2490.35</b>	<b>18612.37</b>	

Sales / Forecast Sales (MU)	D Link	April	May	June	July	August	September	October	November	December	January	February	March	Total	Remarks
<b>LT Category</b>		<b>1013.53</b>	<b>809.53</b>	<b>766.75</b>	<b>1164.74</b>	<b>944.55</b>	<b>1022.79</b>	<b>804.80</b>	<b>694.30</b>	<b>1118.04</b>	<b>1407.49</b>	<b>1305.15</b>	<b>1876.16</b>	<b>12927.82</b>	
Category I (A&B) - Domestic		311.85	379.04	370.61	362.45	376.82	327.02	329.12	309.05	262.98	236.55	246.72	257.23	<b>3769.43</b>	
Category II (A, B & C) - Non-domestic/Commercial		35.18	53.61	72.33	60.49	56.28	49.56	53.15	55.09	52.09	52.33	53.86	55.02	<b>648.98</b>	
Category III (A & B) - Industrial		11.30	30.92	17.30	17.80	16.56	15.13	16.95	17.70	24.54	29.41	26.23	22.14	<b>246.00</b>	
Category IV (A,&B) - Cottage Industries & Agrobased Ind.		0.33	1.06	0.57	0.65	0.69	0.66	0.67	0.64	0.61	0.65	0.64	0.61	<b>7.78</b>	
Category V (A, B & C) - Irrigation and Agriculture		624.19	314.58	280.79	692.35	463.43	603.21	378.06	283.11	749.02	1057.99	946.62	1510.68	<b>7904.02</b>	
Category VI (A & B) - Local Bodies, St. Lighting & PWS		27.91	27.90	21.34	28.68	28.29	25.61	24.82	26.71	26.87	28.52	28.75	26.89	<b>322.31</b>	
Category VII (A & B) - General Purpose & Religious Places		2.69	2.21	3.23	2.53	2.33	1.46	1.86	1.81	1.76	1.80	2.00	3.38	<b>27.04</b>	
Category VIII -Temporary Supply		0.08	0.22	0.57	-0.22	0.15	0.15	0.18	0.18	0.18	0.23	0.34	0.20	<b>2.26</b>	
Category IX -Electric Vehicles Charging Stations														<b>0.00</b>	
<b>HT Category at 11 KV</b>		<b>155.45</b>	<b>97.13</b>	<b>120.97</b>	<b>169.00</b>	<b>172.20</b>	<b>172.67</b>	<b>200.80</b>	<b>148.72</b>	<b>179.49</b>	<b>215.01</b>	<b>203.12</b>	<b>179.95</b>	<b>2014.51</b>	
HT-I Industry		32.04	34.63	45.79	56.66	62.37	68.96	123.37	79.72	86.92	74.38	71.61	35.18	<b>771.64</b>	
HT-I (B) Ferro-Alloys														<b>0.00</b>	
HT-II - Others		5.82	7.02	9.10	8.09	7.73	8.29	8.49	8.44	7.38	7.53	8.63	9.50	<b>96.02</b>	
HT-III Airports, Railway and Busstations		0.54	0.56	0.58	0.53	0.53	0.53	0.52	0.50	0.47	0.46	0.50	0.49	<b>6.20</b>	
HT-IV A Lift Irrigation & Agriculture		4.83	0.98	0.72	1.89	2.74	2.49	1.13	1.38	1.53	4.15	5.60	5.98	<b>33.42</b>	
HT- IV B - CP Water Supply Schemes		11.05	10.83	11.76	11.04	11.31	11.11	11.23	12.05	11.85	11.89	11.49	10.86	<b>136.47</b>	
HT-VI Townships and Residential Colonies		0.76	0.83	0.92	0.84	0.82	0.78	0.78	0.64	0.58	0.58	0.60	0.64	<b>8.78</b>	
HT - VII - Temporary Supply		2.11	1.96	2.11	2.10	2.00	2.33	2.08	2.10	1.88	1.71	1.75	1.61	<b>23.74</b>	
HT- RESCOs		98.32	40.33	49.98	87.85	84.70	78.19	53.20	43.87	68.88	114.32	102.93	115.68	<b>938.25</b>	
HT- IX Electric Vehicles Charging Stations														<b>0.00</b>	
<b>HT Category at 33 KV</b>		<b>43.54</b>	<b>40.58</b>	<b>49.82</b>	<b>47.65</b>	<b>56.84</b>	<b>52.85</b>	<b>49.16</b>	<b>51.15</b>	<b>50.73</b>	<b>54.01</b>	<b>56.48</b>	<b>57.98</b>	<b>610.79</b>	
HT-I Industry		9.58	10.32	15.14	15.06	15.56	15.93	16.10	16.45	17.01	18.44	18.07	20.54	<b>188.22</b>	
HT-I (B) Ferro-Alloys		1.30	1.64	2.27	3.56	4.05	3.79	3.05	3.07	3.28	3.57	3.85	3.56	<b>36.98</b>	
HT-II - Others		0.65	0.81	0.80	0.77	0.86	1.42	0.85	0.72	0.59	0.65	0.66	0.78	<b>9.56</b>	
HT-III Airports, Railway and Busstations														<b>0.00</b>	
HT-IV A Lift Irrigation & Agriculture		4.60	0.33	1.57	1.13	8.43	2.57	0.62	0.36	0.87	2.88	4.09	4.77	<b>32.24</b>	
HT- IV B - CP Water Supply Schemes		22.49	22.30	24.45	22.35	23.17	23.93	23.67	25.76	24.70	24.33	26.18	24.83	<b>288.16</b>	
HT-VI Townships and Residential Colonies		4.23	4.36	4.61	3.96	3.99	4.18	3.67	3.42	2.93	2.75	2.24	2.23	<b>42.57</b>	
HT - VII - Temporary Supply		0.70	0.81	0.97	0.81	0.77	1.04	1.20	1.36	1.35	1.40	1.39	1.27	<b>13.07</b>	
HT- IX Electric Vehicles Charging Stations														<b>0.00</b>	
<b>HT Category at 132 KV</b>		<b>318.97</b>	<b>168.36</b>	<b>186.16</b>	<b>157.72</b>	<b>598.64</b>	<b>159.62</b>	<b>114.10</b>	<b>119.22</b>	<b>126.50</b>	<b>210.49</b>	<b>761.27</b>	<b>299.76</b>	<b>3220.81</b>	
HT-I Industry & HMWSSB		63.44	61.60	68.93	63.22	70.04	68.18	68.39	70.69	69.77	69.73	70.88	62.25	<b>807.12</b>	
HT-I (B) Ferro-Alloys														<b>0.00</b>	
HT-II - Others		2.03	1.96	0.47	0.40	1.24	0.49	0.45	0.29	0.35	0.32	0.57	0.36	<b>8.93</b>	
HT-III Airports, Railway and Busstations														<b>0.00</b>	
HT-IV A Lift Irrigation & Agriculture		222.03	68.90	74.87	59.81	494.28	54.79	7.72	3.11	3.47	87.52	629.94	185.94	<b>1892.39</b>	
HT- IV B - CP Water Supply Schemes		1.98	2.15	2.22	2.01	1.99	1.90	1.87	2.12	1.91	2.06	2.26	1.81	<b>24.28</b>	
HT-V Railway Traction		16.11	18.64	24.07	17.45	20.10	23.03	22.51	28.35	33.23	37.12	39.90	37.97	<b>318.49</b>	
HT-VI Townships and Residential Colonies		9.51	10.89	9.75	9.74	9.03	7.28	6.74	7.56	7.02	7.02	7.35	7.36	<b>99.25</b>	
HT - VII - Temporary Supply		3.87	4.20	5.85	5.11	1.95	3.95	6.42	7.10	10.74	6.72	10.39	4.06	<b>70.35</b>	
HT- IX Electric Vehicles Charging Stations														<b>0.00</b>	
<b>Total</b>		<b>1531.49</b>	<b>1115.60</b>	<b>1123.70</b>	<b>1539.11</b>	<b>1772.24</b>	<b>1407.92</b>	<b>1168.86</b>	<b>1013.38</b>	<b>1474.76</b>	<b>1886.99</b>	<b>2326.03</b>	<b>2413.85</b>	<b>18773.94</b>	

Sales / Forecast Sales (MU)	D Link	April	May	June	July	August	September	October	November	December	January	February	March	Total	Remarks
<b>LT Category</b>		<b>1167.00</b>	<b>763.73</b>	<b>716.20</b>	<b>1021.08</b>	<b>1260.86</b>	<b>908.70</b>	<b>845.13</b>	<b>728.98</b>	<b>1147.22</b>	<b>1431.65</b>	<b>1330.55</b>	<b>1902.79</b>	<b>13223.89</b>	
Category I (A&B) - Domestic		333.63	399.95	405.40	358.41	372.16	350.03	349.75	328.43	279.47	251.38	262.18	273.36	<b>3964.14</b>	
Category II (A,B,C & D) - Non-domestic/Commercial		65.15	65.88	57.86	60.42	63.62	65.26	70.82	68.97	65.58	62.93	63.79	67.27	<b>777.54</b>	
Category III - Industrial		23.04	18.58	17.51	18.53	17.38	17.24	16.56	15.53	21.99	28.58	26.61	24.31	<b>245.87</b>	
Category IV (A,&B) - Cottage Industries & Agrobased Ind.		0.71	0.69	0.70	0.69	0.70	0.73	0.70	0.67	0.63	0.68	0.66	0.64	<b>8.19</b>	
Category V (A, B & C) - Irrigation and Agriculture		712.65	246.54	202.74	553.62	777.06	445.22	376.17	281.69	745.27	1052.70	941.89	1503.13	<b>7838.69</b>	
Category VI (A & B) - Local Bodies, St. Lighting & PWS		28.17	29.30	29.70	27.23	27.38	27.50	25.28	27.20	27.37	29.04	29.28	27.38	<b>334.83</b>	
Category VII (A & B) - General Purpose		3.29	2.42	1.95	1.83	2.18	2.31	5.48	6.11	6.54	5.96	5.76	6.33	<b>50.16</b>	
Category VIII -Temporary Supply		0.37	0.37	0.34	0.35	0.39	0.42	0.37	0.37	0.37	0.37	0.37	0.37	<b>4.47</b>	
Category IX -EV Charging Stations														<b>0.00</b>	
<b>HT Category at 11 KV</b>		<b>233.53</b>	<b>134.90</b>	<b>133.21</b>	<b>178.76</b>	<b>202.04</b>	<b>177.86</b>	<b>148.99</b>	<b>150.29</b>	<b>190.16</b>	<b>244.64</b>	<b>234.83</b>	<b>234.47</b>	<b>2263.69</b>	
HT-I Industry Segregated		70.41	60.08	62.49	73.46	77.17	80.25	64.26	74.79	89.01	91.78	92.76	78.56	<b>915.01</b>	
HT-I (B) Ferro-Alloys														<b>0.00</b>	
HT-II - Others		11.86	10.32	9.28	10.52	11.44	11.84	11.23	11.08	9.93	9.83	10.15	10.49	<b>127.98</b>	
HT-III Airports, Railway and Busstations		0.65	0.63	0.63	0.63	0.68	0.61	0.62	0.60	0.54	0.53	0.57	0.54	<b>7.23</b>	
HT -IV A Govt Lift Irrigation		5.14	0.64	0.12	1.16	2.49	1.65	1.19	1.45	1.61	4.35	5.88	6.28	<b>31.95</b>	
HT- IV B - CP Water Supply Schemes		12.20	11.89	11.89	10.89	11.21	11.54	11.79	12.66	12.45	12.48	12.07	11.40	<b>142.47</b>	
HT-VI Townships and Residential Colonies		0.84	0.89	0.94	0.77	0.76	0.72	0.78	0.65	0.59	0.59	0.61	0.64	<b>8.79</b>	
HT -VII - Temporary Supply		1.61	1.43	1.57	1.82	1.86	1.96	1.71	1.71	1.71	1.71	1.71	1.71	<b>20.51</b>	
HT - RESCOs		130.82	49.03	46.30	79.51	96.42	69.28	57.41	47.35	74.33	123.38	111.08	124.84	<b>1009.75</b>	
HT-IX EV Charging Stations														<b>0.00</b>	
<b>HT Category at 33 KV</b>		<b>59.82</b>	<b>55.96</b>	<b>55.79</b>	<b>56.84</b>	<b>57.10</b>	<b>58.37</b>	<b>48.23</b>	<b>52.07</b>	<b>51.56</b>	<b>53.34</b>	<b>57.80</b>	<b>52.90</b>	<b>659.78</b>	
HT-I Industry Segregated		17.59	15.17	15.41	18.40	15.28	17.53	14.65	15.22	15.74	15.11	16.12	13.83	<b>190.05</b>	
HT-I (B) Ferro-Alloys		4.97	6.36	6.58	6.36	6.65	6.35	2.38	3.74	3.87	4.59	5.24	3.51	<b>60.62</b>	
HT-II - Others		0.74	0.77	0.82	0.87	0.84	1.03	0.76	0.83	0.77	0.86	0.99	0.93	<b>10.21</b>	
HT-III Airports, Railway and Busstations														<b>0.00</b>	
HT -IV A Govt Lift Irrigation		5.46	2.27	0.13	0.38	2.60	1.44	0.65	0.38	0.92	3.02	4.30	5.01	<b>26.55</b>	
HT- IV B - CP Water Supply Schemes		26.41	26.70	28.24	26.83	26.74	27.20	24.86	27.05	25.94	25.54	27.49	26.07	<b>319.07</b>	
HT-VI Townships and Residential Colonies		3.27	3.40	3.51	3.05	3.95	3.74	3.74	3.48	2.98	2.80	2.28	2.28	<b>38.48</b>	
HT -VII - Temporary Supply		1.38	1.29	1.09	0.95	1.05	1.08	1.20	1.36	1.35	1.40	1.39	1.27	<b>14.81</b>	
HT - RESCOs														<b>0.00</b>	
HT-IX EV Charging Stations														<b>0.00</b>	
<b>HT Category at 132 KV</b>		<b>393.56</b>	<b>178.82</b>	<b>287.45</b>	<b>774.45</b>	<b>191.90</b>	<b>182.11</b>	<b>116.66</b>	<b>119.97</b>	<b>119.93</b>	<b>218.42</b>	<b>880.00</b>	<b>338.84</b>	<b>3802.11</b>	
HT-I Industry Segregated & HMWSSB		64.96	64.66	69.08	61.23	76.65	60.25	60.82	65.24	66.88	62.64	70.15	67.06	<b>789.62</b>	
HT-I (B) Ferro-Alloys														<b>0.00</b>	
HT-II - Others		0.16	0.25	0.58	0.29	0.14	0.24	0.61	0.42	0.49	0.07	0.11	0.05	<b>3.40</b>	
HT-III Airports, Railway and Busstations														<b>0.00</b>	
HT -IV A Govt Lift Irrigation		269.07	62.92	165.49	662.74	62.44	69.37	9.27	3.74	4.16	105.02	755.93	223.13	<b>2393.27</b>	
HT- IV B - CP Water Supply Schemes		2.19	2.18	2.29	2.32	1.86	2.28	2.24	2.54	2.29	2.48	2.71	2.18	<b>27.56</b>	
HT-V (A) Railway Traction		40.34	37.97	40.80	38.47	41.52	40.78	36.99	40.49	39.10	41.19	43.77	39.07	<b>480.48</b>	
HT-V (B) HMR														<b>0.00</b>	
HT-VI Townships and Residential Colonies		8.28	10.85	9.22	9.40	9.30	9.19	6.73	7.55	7.01	7.01	7.34	7.35	<b>99.23</b>	
HT -VII - Temporary Supply		8.56	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	<b>8.56</b>	
HT - RESCOs														<b>0.00</b>	
HT-IX EV Charging Stations														<b>0.00</b>	
<b>Total</b>		<b>1853.91</b>	<b>1133.42</b>	<b>1192.65</b>	<b>2031.13</b>	<b>1711.90</b>	<b>1327.03</b>	<b>1159.02</b>	<b>1051.30</b>	<b>1508.88</b>	<b>1948.04</b>	<b>2503.18</b>	<b>2529.00</b>	<b>19949.46</b>	

2022-23

Sales / Forecast Sales (MU)	D Link	April	May	June	July	August	September	October	November	December	January	February	March	Total	Remarks
<b>LT Category</b>		<b>1168.02</b>	<b>788.26</b>	<b>742.40</b>	<b>1029.86</b>	<b>1261.90</b>	<b>921.46</b>	<b>861.04</b>	<b>747.03</b>	<b>1143.05</b>	<b>1413.08</b>	<b>1317.23</b>	<b>1867.99</b>	<b>13261.33</b>	
Category I (A&B) - Domestic		358.44	429.69	435.55	385.07	399.84	376.06	375.77	352.86	300.25	270.08	281.68	293.69	<b>4258.99</b>	
Category II (A,B,C & D) - Non-domestic/Commercial		68.69	69.46	61.01	63.70	67.08	68.81	74.67	72.72	69.15	66.36	67.26	70.93	<b>819.84</b>	
Category III - Industrial		23.50	18.95	17.86	18.90	17.73	17.58	16.90	15.84	22.43	29.15	27.15	24.80	<b>250.79</b>	
Category IV (A,&B) - Cottage Industries & Agrobased Ind.		0.74	0.72	0.73	0.72	0.73	0.76	0.73	0.70	0.67	0.71	0.70	0.67	<b>8.58</b>	
Category V (A, B & C) - Irrigation and Agriculture		684.15	236.68	194.63	531.47	745.97	427.42	361.12	270.42	715.46	1010.59	904.21	1443.00	<b>7525.14</b>	
Category VI (A & B) - Local Bodies, St. Lighting & PWS		28.67	29.82	30.23	27.72	27.87	27.99	25.72	27.69	27.85	29.56	29.80	27.87	<b>340.77</b>	
Category VII (A & B) - General Purpose		3.45	2.54	2.05	1.93	2.29	2.43	5.75	6.42	6.87	6.26	6.05	6.64	<b>52.67</b>	
Category VIII -Temporary Supply		0.38	0.38	0.35	0.36	0.39	0.42	0.38	0.38	0.38	0.38	0.38	0.38	<b>4.56</b>	
Category IX -EV Charging Stations														<b>0.00</b>	
<b>HT Category at 11 KV</b>		<b>238.76</b>	<b>139.21</b>	<b>137.66</b>	<b>183.88</b>	<b>207.63</b>	<b>183.54</b>	<b>153.97</b>	<b>155.81</b>	<b>196.57</b>	<b>251.38</b>	<b>241.76</b>	<b>240.72</b>	<b>2330.86</b>	
HT-I Industry Segregated		73.93	63.09	65.61	77.14	81.03	84.26	67.47	78.53	93.46	96.37	97.40	82.48	<b>960.76</b>	
HT-I (B) Ferro-Alloys														<b>0.00</b>	
HT-II - Others		12.36	10.75	9.67	10.96	11.93	12.34	11.71	11.55	10.35	10.25	10.58	10.93	<b>133.38</b>	
HT-III Airports, Railway and Busstations		0.66	0.64	0.65	0.64	0.69	0.62	0.63	0.62	0.55	0.54	0.59	0.55	<b>7.38</b>	
HT -IV A Govt Lift Irrigation		5.24	0.65	0.12	1.18	2.54	1.69	1.21	1.48	1.64	4.44	6.00	6.41	<b>32.59</b>	
HT- IV B - CP Water Supply Schemes		12.81	12.49	12.48	11.43	11.77	12.12	12.38	13.29	13.07	13.11	12.67	11.97	<b>149.59</b>	
HT-VI Townships and Residential Colonies		0.84	0.89	0.94	0.77	0.76	0.72	0.78	0.65	0.59	0.59	0.61	0.64	<b>8.79</b>	
HT -VII - Temporary Supply		1.64	1.46	1.60	1.85	1.90	2.00	1.74	1.74	1.74	1.74	1.74	1.74	<b>20.92</b>	
HT - RESCOs		131.19	49.17	46.43	79.74	96.69	69.48	57.57	47.48	74.54	123.72	111.40	125.20	<b>1012.61</b>	
HT-IX EV Charging Stations		0.08	0.08	0.16	0.16	0.31	0.31	0.47	0.47	0.62	0.62	0.78	0.78	<b>4.84</b>	
<b>HT Category at 33 KV</b>		<b>57.73</b>	<b>53.65</b>	<b>53.68</b>	<b>54.62</b>	<b>54.82</b>	<b>56.31</b>	<b>47.77</b>	<b>51.88</b>	<b>52.10</b>	<b>53.91</b>	<b>57.97</b>	<b>54.19</b>	<b>648.65</b>	
HT-I Industry Segregated		13.81	11.14	11.55	14.50	11.26	13.74	12.79	13.47	14.75	14.11	14.55	13.53	<b>159.20</b>	
HT-I (B) Ferro-Alloys		5.22	6.68	6.91	6.68	6.98	6.67	2.50	3.93	4.06	4.82	5.50	3.69	<b>63.65</b>	
HT-II - Others		0.76	0.79	0.83	0.89	0.85	1.05	0.78	0.84	0.79	0.88	1.01	0.95	<b>10.41</b>	
HT-III Airports, Railway and Busstations														<b>0.00</b>	
HT -IV A Govt Lift Irrigation		5.57	2.31	0.14	0.39	2.65	1.46	0.66	0.39	0.94	3.09	4.38	5.11	<b>27.08</b>	
HT- IV B - CP Water Supply Schemes		27.73	28.04	29.65	28.17	28.07	28.56	26.10	28.41	27.24	26.82	28.86	27.37	<b>335.02</b>	
HT-VI Townships and Residential Colonies		3.27	3.40	3.51	3.05	3.95	3.74	3.74	3.48	2.98	2.80	2.28	2.28	<b>38.48</b>	
HT -VII - Temporary Supply		1.38	1.29	1.09	0.95	1.05	1.08	1.20	1.36	1.35	1.40	1.39	1.27	<b>14.81</b>	
HT - RESCOs														<b>0.00</b>	
HT-IX EV Charging Stations														<b>0.00</b>	
<b>HT Category at 132 KV</b>		<b>410.58</b>	<b>381.48</b>	<b>194.52</b>	<b>583.79</b>	<b>1629.45</b>	<b>897.00</b>	<b>1156.24</b>	<b>1228.23</b>	<b>1103.64</b>	<b>1084.60</b>	<b>639.23</b>	<b>355.07</b>	<b>9663.81</b>	
HT-I Industry Segregated		42.79	41.65	47.07	38.05	54.23	37.99	50.06	55.07	60.94	56.54	65.28	61.15	<b>610.82</b>	
HT-I (B) Ferro-Alloys														<b>0.00</b>	
HT-II - Others		0.16	0.25	0.58	0.29	0.14	0.24	0.61	0.42	0.49	0.07	0.11	0.05	<b>3.40</b>	
HT-III Airports, Railway and Busstations														<b>0.00</b>	
HT -IV A Govt Lift Irrigation		316.78	288.54	94.51	495.22	1522.37	806.47	1059.56	1122.11	993.77	977.27	519.97	245.23	<b>8441.78</b>	
HT- IV B - CP Water Supply Schemes		2.24	2.22	2.34	2.36	1.89	2.33	2.29	2.59	2.33	2.52	2.77	2.22	<b>28.11</b>	
HT-V (A) Railway Traction		40.34	37.97	40.80	38.47	41.52	40.78	36.99	40.49	39.10	41.19	43.77	39.07	<b>480.48</b>	
HT-V (B) HMR															
HT-VI Townships and Residential Colonies		8.28	10.85	9.22	9.40	9.30	9.19	6.73	7.55	7.01	7.01	7.34	7.35	<b>99.23</b>	
HT -VII - Temporary Supply														<b>0.00</b>	
HT - RESCOs														<b>0.00</b>	
<b>Total</b>		<b>1875.09</b>	<b>1362.59</b>	<b>1128.25</b>	<b>1852.15</b>	<b>3153.80</b>	<b>2058.31</b>	<b>2219.02</b>	<b>2182.94</b>	<b>2495.37</b>	<b>2802.98</b>	<b>2256.19</b>	<b>2517.96</b>	<b>25904.66</b>	



## Form 4

## Power Purchase Requirement

Particulars	Detail Links	Base Year	2019-20	2020-21	2021-22	2022-23	2023-24
<b>Total Sales, MU</b>		<b>17194.57</b>	<b>18612.37</b>	<b>18773.94</b>	<b>19949.46</b>	<b>25904.66</b>	<b>0.00</b>
Sales ( LT, 11kV, 33kV) (MU)	Form 3	14962.55	14541.09	15553.13	16147.35	16240.84	0.00
EHT Sales (MU)	Form 3	2232.02	4071.28	3220.81	3802.11	9663.81	0.00
<b>Total Losses, MU</b>		<b>2847.02</b>	<b>2824.97</b>	<b>2854.91</b>	<b>2898.80</b>	<b>3018.03</b>	<b>0.00</b>
Distribution System Losses (MU)	Form 4a	1893.49	1808.16	1885.73	1955.37	1947.55	0.00
Transmission System Losses (MU)		953.53	1016.80	969.18	943.43	1070.48	0.00
<b>Total Losses, (%)</b>		<b>14.21</b>	<b>13.18</b>	<b>13.20</b>	<b>12.69</b>	<b>10.43</b>	<b>0.00</b>
Transmission Losses (%)		4.76	4.74	4.48	4.13	3.70	0.00
Distribution System Losses(%)	Form 4a	11.23	11.06	10.81	10.80	10.71	0.00
Input to Distribution System		16856.05	16349.25	17438.86	18102.73	18188.40	0.00
<b>Power Purchase Requirement (MU)</b>		<b>20041.59</b>	<b>21437.33</b>	<b>21628.85</b>	<b>22848.26</b>	<b>28922.69</b>	<b>0.00</b>
Availability	Form 4.1	20041.59	21437.33	21628.85	22088.92	25751.52	0.00
Dispatch	Form 4.2	20041.59	21437.33	21628.85	22848.26	28922.69	0.00
Surplus /(deficit)		0.00	0.00	0.00	-759.34	-3171.17	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		D - Link	Base Year	2019-20	2020-21	2021-22	2022-23	2023-24
<b>I. Losses in 33 KV System and Connected Equipment</b>								
(i)	Total Energy delivered into 33 KV Distribution System from EHT SSs	A	16856.05	16349.25	17438.86	18102.73	18188.40	
(ii)	Energy delivered by all other Generating Stations at 33kV	B						
(iii)	Energy consumed by HT consumers at 33KV (Sales + Third Party)	X	451.77	568.38	610.79	659.78	648.65	0.00
(iv)	Energy Delivered into 11 KV and LT System from 33/11 KV SSs	C	15800.96	15280.13	16303.18	16804.95	16903.15	0.00
	<b>Losses (33 kV System)</b>	<b>(A + B) - (C + X)</b>	<b>603.31</b>	<b>500.75</b>	<b>524.89</b>	<b>638.00</b>	<b>636.59</b>	<b>0.00</b>
	<b>% Losses (33 kV System)</b>	<b>100 x [(A+B)-(C+X)] / (A+B)</b>	<b>3.58</b>	<b>3.06</b>	<b>3.01</b>	<b>3.52</b>	<b>3.50</b>	<b>0.00</b>
<b>II. Losses in 11 KV System and Connected Equipment</b>								
(i)	Energy delivered into 11 KV system from 33/11kV SSs	C	15800.96	15280.13	16303.18	16804.95	16903.15	
(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	15800.96	15280.13	16303.18	16804.95	16903.15	0.00
(v)	Energy consumed by HT consumers at 11KV (Sales + Third Party)	Y	1814.12	1907.88	2014.51	2263.69	2330.86	0.00
(vi)	Total Output from 11kV to LT	F	13366.92	12779.75	13655.68	13898.06	13929.97	0.00
	<b>Losses (11kV System)</b>	<b>(C + D + E) - (Y + F)</b>	<b>619.92</b>	<b>592.49</b>	<b>632.98</b>	<b>643.20</b>	<b>642.32</b>	<b>0.00</b>
	<b>% Losses (11kV System)</b>	<b>[(C+D+E)-(Y+F)] x 100 / (C+D+E)</b>	<b>3.92</b>	<b>3.88</b>	<b>3.88</b>	<b>3.83</b>	<b>3.80</b>	<b>0.00</b>
<b>III. Losses in LT system and connected equipment</b>								
(i)	Energy delivered to LT system from 11/400 V DTRs	F	13366.92	12779.75	13655.68	13898.06	13929.97	
(ii)	Energy sold to metered categories	Z	4496.12	4924.56	5023.80	5385.20	5736.19	0.00
(iii)	Energy sold to un-metered categories	N	8200.54	7140.27	7904.02	7838.69	7525.14	0.00
	<b>Losses (LT System)</b>	<b>F-(Z+N)</b>	<b>670.26</b>	<b>714.92</b>	<b>727.86</b>	<b>674.17</b>	<b>668.64</b>	<b>0.00</b>
	<b>% Losses (LT System)</b>	<b>[F-(Z+N)] x 100 / (F)</b>	<b>5.01</b>	<b>5.59</b>	<b>5.33</b>	<b>4.85</b>	<b>4.80</b>	<b>0.00</b>
<b>IV. Total losses in the Distribution System</b>								
(i)	Total Input to the distribution system	A + B + D + E	16856.05	16349.25	17438.86	18102.73	18188.40	0.00
(ii)	Total Output from the Distribution Sytem	X + Y + Z + N	14962.55	14541.09	15553.13	16147.35	16240.84	0.00
(iii)	EHT Sales	G	2232.02	4071.28	3220.81	3802.11	9663.81	0.00
(iv)	Energy Received at 220/132 kV feeder points at EHT SS							
	<b>Distribution System Losses</b>	<b>(A + B + D + E)-(X + Y + Z + N)</b>	<b>1893.49</b>	<b>1808.16</b>	<b>1885.73</b>	<b>1955.37</b>	<b>1947.55</b>	<b>0.00</b>
	<b>% Distribution System Losses ( Excluding EHT Sales)</b>	<b>[(A+B+D+E)-(X+Y+Z+N)] x 100 / (A+B+D+E)</b>	<b>11.23</b>	<b>11.06</b>	<b>10.81</b>	<b>10.80</b>	<b>10.71</b>	<b>0.00</b>
	<b>% Distribution System Losses ( Including EHT Sales)</b>	<b>[(A+B+D+E)-(X+Y+Z+N)] x 100 / (A+B+D+E +G)</b>	<b>9.92</b>	<b>8.85</b>	<b>9.13</b>	<b>8.93</b>	<b>6.99</b>	<b>0.00</b>

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 TTransco Network (MU)														
TTransco Losses (%)		4.76	4.74	4.48	4.13	3.70		inclusive of PGCIL losses	inclusive of PGCIL losses	inclusive of PGCIL losses	inclusive of PGCIL losses	inclusive of PGCIL losses		
TTransco Losses (MU)														
Input to PGCIL (For CGS) (MU)														
PGCIL Losses (%) (For CGS)														
PGCIL Losses (MU) (For CGS)														

Revenue from Current 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		
<b>LT Category</b>	<b>2952.38</b>	<b>0.00</b>	<b>2952.38</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>2952.38</b>
Category I (A&B) - Domestic	1632.51	0.00	1632.51				1632.51
Category II (A,B,C & D) - Non-domestic/Commercial	822.53	0.00	822.53				822.53
Category III - Industrial	199.23	0.00	199.23				199.23
Category IV (A&B) - Cottage Industries & Dhobighats	4.12	0.00	4.12				4.12
Category V (A&B) - Irrigation and Agriculture	47.34	0.00	47.34				47.34
Category VI (A & B) - Local Bodies, St. Lighting & PWS	201.62	0.00	201.62				201.62
Category VII (A & B) - General Purpose	39.86	0.00	39.86				39.86
Category VIII -Temporary Supply	5.16	0.00	5.16				5.16
Category IX Electric Vehicle Charging Stations	0.00	0.00	0.00				0.00
<b>HT Category at 11 KV</b>	<b>1531.50</b>	<b>0.00</b>	<b>1531.50</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>1531.50</b>
HT-I Industry Segregated	787.30	0.00	787.30				787.30
HT-I (B) Ferro-Alloys	0.00	0.00	0.00				0.00
HT-II - Others	139.75	0.00	139.75				139.75
HT-III Airports, Railways and Bustations	6.60	0.00	6.60				6.60
HT-IVA Lift Irrigation & Agriculture	25.32	0.00	25.32				25.32
HT - IV (B) Composite P.W.S Schemes	76.54	0.00	76.54				76.54
HT-VI Townships and Residential Colonies	5.93	0.00	5.93				5.93
HT - Temporary Supply	29.44	0.00	29.44				29.44
RESCOs	457.70	0.00	457.70				457.70
HT-IX Electric Vehicle Charging Stations	2.91	0.00	2.91				2.91
<b>HT Category at 33 KV</b>	<b>404.03</b>	<b>0.00</b>	<b>404.03</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>404.03</b>
HT-I Industry Segregated	122.19	0.00	122.19				122.19
HT-I (B) Ferro-Alloys	35.01	0.00	35.01				35.01
HT-II - Others	10.18	0.00	10.18				10.18
HT-III Airports, Railways and Bustations	0.00	0.00	0.00				0.00
HT-IVA Lift Irrigation & Agriculture	21.44	0.00	21.44				21.44
HT - IV (B) Composite P.W.S Schemes	170.91	0.00	170.91				170.91
HT-VI Townships and Residential Colonies	25.35	0.00	25.35				25.35
HT - Temporary Supply	18.94	0.00	18.94				18.94
HT-IX Electric Vehicle Charging Stations	0.00	0.00	0.00				0.00
<b>HT Category at 132 KV</b>	<b>5814.84</b>	<b>0.00</b>	<b>5814.84</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>5814.84</b>
HT-I Industry Segregated & HMWSSB	366.81	0.00	366.81				366.81
HT-I (B) Ferro-Alloys	0.00	0.00	0.00				0.00
HT-II - Others	8.87	0.00	8.87				8.87
HT-III Airports, Railways and Bustations	0.00	0.00	0.00				0.00
HT-IVA Lift Irrigation & Agriculture	5107.84	0.00	5107.84				5107.84
HT - IV (C) Composite P.W.S Schemes	14.34	0.00	14.34				14.34
HT-V (A) Railway Traction	252.30	0.00	252.30				252.30
HT-V (B) HMR	0.00	0.00	0.00				0.00
HT-VI Townships and Residential Colonies	64.68	0.00	64.68				64.68
HT - Temporary Supply	0.00	0.00	0.00				0.00
HT-IX Electric Vehicle Charging Stations	0.00	0.00	0.00				0.00
<b>Total</b>	<b>10702.75</b>	<b>0.00</b>	<b>10702.75</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>10702.75</b>



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)	Surcharge		Grid Support Charges (Rs. Crs)	Direct	Apportioned	Total Revenue (Net of Incentives) (Rs. Crs)	Remarks
			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)			(Rs.Crs)	(Rs.Crs)					
	<b>LT Total - (Existing Categories)</b>	5064001				12696.66	0.00	3523.64	5860808.10	2012.70	76.65	0.00	203.04	42.30	2334.69	0.00	2334.69	0.00	0.00	0.00	0.00	25.36	2360.04	
	<b>Category - Domestic (All)</b>	3484624		0.00	0.00	3196.51	0	2429.53	0	1007.94	0.00	0.00	136.41	0.84	1145.18	0.00	1145.18	0.00	0.00	0.00	0.00	6.38	1151.57	
	<b>Cat I (A) Domestic up to 100 units/month</b>	2722341				1540.76	0.00	1397.60	0.00	256.64	0.00	0.00	87.33	0.84	344.81	0.00	344.81	0.00	0.00	0.00	0.00	6.38	351.19	
	0 - 50 units	1601474	1.45			691.74		691.74		181.51	0.00	0.00	46.78	0.84	229.14		229.14				0.00	6.38	235.52	
	51 - 100 units	1120867	2.60			288.95		705.86		75.19	0.00	0.00	40.55		115.67		115.67				0.00		409.45	
	<b>Cat I (B) Domestic &gt; 100 &amp; &lt;=200 units/month</b>	598083				1035.26	0.00	711.95	0.00	373.39	0.00	0.00	36.06	0.00	409.45	0.00	409.45	0.00	0.00	0.00	0.00	0.00	409.45	
	0 - 100 units	0	3.30			717.70		0.00		236.84	0.00	0.00	0.00		236.84		236.84						236.84	
	101 - 200 units	598083	4.30			317.56		711.95		136.55	0.00	0.00	36.06		172.61		172.61						172.61	
	<b>Category I (B) (ii) Domestic &gt; 200 units/month</b>	164200				620.49	0.00	319.98	0.00	377.91	0.00	0.00	13.02	0.00	390.92	0.00	390.92	0.00	0.00	0.00	0.00	0.00	390.92	
	0 - 200 units	0	5.00			394.08		0.00		197.04	0.00	0.00	0.00		197.04		197.04						197.04	
	201 - 300 units	117071	7.20			122.74		188.61		88.37	0.00	0.00	8.47		96.84		96.84						96.84	
	301 - 400 units	23578	8.50			37.08		61.91		31.52	0.00	0.00	2.27		33.79		33.79						33.79	
	401 - 800 units	20456	9.00			45.73		54.88		41.16	0.00	0.00	1.97		43.13		43.13						43.13	
	More than 800 units	3095	9.50			20.86		14.58		19.82	0.00	0.00	0.30		20.12		20.12						20.12	
	<b>Category II - Non-domestic/Commr I (A, B, C &amp; D)</b>	345373				680.07	0.00	648.48	0.00	627.64	44.26	0.00	21.15	2.54	695.59	0.00	695.59	0.00	0.00	0.00	0.00	1.36	696.95	
	<b>Category II - Non-domestic/Commr I (A &amp; B)</b>	341568				670.12	0.00	646.08	0.00	626.86	44.10	0.00	20.97	2.54	694.48	0.00	694.48	0.00	0.00	0.00	0.00	1.36	695.83	
	<b>Lt - II (A)-Up to 50 Units/Month</b>	208260				30.54	0.00	202.36	0.00	18.32	12.14	0.00	10.49	2.54	43.49	0.00	43.49	0.00	0.00	0.00	0.00	1.36	44.85	
	0-50 units	208260	6.00	600.00		30.54		202.36		18.32	12.14	0.00	10.49	2.54	43.49	0.00	43.49	0.00	0.00	0.00	0.00	1.36	44.85	
	<b>LT - II (B): Above 50 Units/Month</b>	133308				639.58	0.00	443.72	0.00	608.53	31.96	0.00	10.48	0.00	650.98	0.00	650.98	0.00	0.00	0.00	0.00	0.00	650.98	
	0 to 100 units	54207	7.50	720.00		108.15		68.33		81.12	4.92		3.82		89.86		89.86						89.86	
	101 to 300 units	48570	8.90	720.00		90.22		93.30		80.29	6.72		3.93		90.94		90.94						90.94	
	301 to 500 units	11987	9.40	720.00		74.76		41.61		74.27	3.00		1.02		74.29		74.29						74.29	
	More than 500 units	20544	10.00	720.00		366.45		240.47		366.45	17.31		1.71		385.47		385.47						385.47	
	<b>LT-II (C) Advertisement Hoardings</b>	331	12.00	720.00		8.57		2.17		10.40	0.00		0.01		10.42		10.42						10.42	
	<b>LT-II (D) Haircutting Salons consuming upto 200 ur</b>	3474				1.29	0.00	1.27	0.00	0.78	0.18	0.00	0.17	0.00	1.12	0.00	1.12	0.00	0.00	0.00	0.00	0.00	1.12	
	0 to 50 units	2632	5.30	720.00		0.54		1.72		0.34	0.12		0.12		0.58		0.58						0.58	
	51 to 100 units	631	6.60	720.00		0.39		0.41		0.26	0.03		0.03		0.32		0.32						0.32	
	101 to 200 units	211	7.50	720.00		0.25		0.14		0.19	0.01		0.01		0.21		0.21						0.21	
	<b>Category III - Industrial</b>	20298				248.04	0.00	336.66	0.00	165.42	24.05	0.00	6.07	33.54	229.07	0.00	229.07	0.00	0.00	0.00	0.00	0.50	229.58	
	<b>Category III - Industrial</b>	20298				248.04	0.00	336.66	0.00	165.42	24.05	0.00	6.07	33.54	229.07	0.00	229.07	0.00	0.00	0.00	0.00	0.50	229.58	
	Industrial Normal	18589	6.70	720.00		238.13		324.66		159.55	23.38		6.02	33.54	222.48		222.48					0.50	222.97	
	Pisciculture/Prawn culture	129	5.20	252.00		0.98		1.41		0.51	0.04		0.00		0.55		0.55						0.55	
	Sugarcane Crushing	0	5.20	252.00		0.00		0.00		0.00	0.00		0.00		0.00		0.00						0.00	
	Poultry Farms	1580	6.00	600.00		8.94		10.59		5.36	0.64		0.04		6.04		6.04						6.04	
	Mushroom & Rabbit, Sheep & Goat Farms	0	6.30	720.00		0.00		0.00		0.00	0.00		0.00		0.00		0.00						0.00	
	Seasonal Industries	0	7.40	720.00		0.00		0.00		0.00	0.00		0.00		0.00		0.00						0.00	
	<b>Category IV - Cottage Industries</b>	5374				6.99	0.00	12.91	0.00	2.80	0.31	0.00	0.29	0.06	3.45	0.00	3.45	0.00	0.00	0.00	0.01	0.01	3.47	
	Cat -IV(A) - Cottage Indstr. Upto 10 HP	5335	4.00	240.00		6.93		12.82		2.77	0.31		0.28	0.06	3.42		3.42				0.01	0.01	3.43	
	Cat -IV(B) - Agro Based Activity upto 10 HP	39	4.00	240.00		0.07		0.10		0.03	0.00		0.00		0.03		0.03						0.03	
	<b>Category V (A &amp; B) - Irrig &amp; Agriculture</b>	1129773				8200.54	0.00	0.00	5734725.00	0.08	0.02	0.00	34.19	0.34	34.63	0.00	34.63	0.00	0.00	0.00	0.00	16.38	51.00	
	<b>Category V (A+B) - Agriculture</b>	1129655				8200.35	0.00	0.00	5733821.00	0.00	0.00	0.00	34.18	0.34	34.53	0.00	34.53	0.00	0.00	0.00	0.00	16.38	50.90	
	<b>Cat V(A) - Agriculture (DSM measures mandatory)</b>	1129655				8200.35	0.00	0.00	5733821.00	0.00	0.00	0.00	34.18	0.34	34.53	0.00	34.53	0.00	0.00	0.00	0.00	16.38	50.90	
	Corporate Farmers	0	2.50	0.00		0.00		0.00		0.00	0.00		0.00	0.34	0.34		0.34						16.38	16.72
	Other than Corporate Farmers	1129655	0.00			8200.35		0.00	5733821.00	0.00	0.00	0.00	34.18		34.18		34.18						34.18	16.38
	<b>Category V(B) - Others</b>	118				0.19	0.00	0.00	904.00	0.08	0.02	0.00	0.00	0.00	0.10	0.00	0.10	0.00	0.00	0.00	0.00	0.00	0.10	
	Horticulture Nurseries upto 15 HP	118	4.00	240		0.19		0.00	904.00	0.08	0.02	0.00	0.00		0.10		0.10						0.10	
	<b>Category VI - Street Lighting &amp; PWS</b>	56986				310.82	0.00	56.97	126083.10	170.80	7.03	0.00	3.38	2.43	183.64	0.00	183.64	0.00	0.00	0.00	0.00	0.62	184.26	
	<b>VI(A) - Street Lighting</b>	27077				91.27	0.00	56.97	0.00	58.37	2.19	0.00	1.60	2.43	64.59	0.00	64.59	0.00	0.00	0.00	0.00	0.62	65.21	
	Panchayats	18529	6.10	384		57.25		36.50		34.92	1.40		1.09	2.43	39.85		39.85					0.62	40.47	
	Municipalities	4128	6.60	384		14.12		8.48		9.32	0.33		0.24		9.89		9.89						9.89	
	Municipal Corporations	4420	7.10	384		19.91		11.98		14.19	0.46		0.76		14.86		14.86						14.86	
	<b>VI(B) - PWS Schemes</b>	29909				219.55	0.00	0.00	126083.10	112.43	4.84	0.00	1.28	0.00	119.05	0.00	119.05	0.00	0.00	0.00	0.00	0.00	119.05	
	Panchayats	27024	5.00	384.00		198.60		0.00	112															



Consumer Categories	No of consumers	Components of tariff			Relevant sales related data		Full year revenue excluding external subsidy											Total Revenue (Net of incentives) (Rs.Crs)	Remarks				
		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)	Incentives (Rs. Crs)	Net Revenue from Tariff (Rs. Crores)	Surcharge (Rs. Crs)			Additional Surcharge (Rs.Crs)	Grid Support Charges (Rs. Crs)	Direct	Apportioned
<b>LT Total - (Existing Categories)</b>	5276988				12064.83	0.00	3825.77	6037573.83	2227.57	82.82	0.00	223.96	45.96	2580.31	0.00	2580.31	0.00	0.00	0.00	0.00	0.00	27.02	2607.33
<b>Category - Domestic (All)</b>	3625340		0.00	0.00	3547.95	0	2632.72	0	1158.70	0.00	0.00	148.88	3.28	1310.95	0.00	1310.95	0.00	0.00	0.00	0.00	0.00	7.95	1318.89
<b>Cat I (A) Domestic up to 100 units/month</b>	2785257				1632.59	0.00	1514.49	0.00	273.60	0.00	0.00	93.20	3.28	370.08	0.00	370.08	0.00	0.00	0.00	0.00	0.00	7.95	378.02
0 - 50 units	1601474	1.45			1311.95		749.60		190.23			49.39	3.28	242.90		242.90					0.00	7.95	250.85
51 - 100 units	1183783	2.60			320.64		764.90		83.37			43.81		127.18		127.18					0.00		127.18
<b>Cat I (B) (i) Domestic &gt; 100 &amp; &lt;=200 units/month</b>	631217				1133.03	0.00	771.49	0.00	411.46	0.00	0.00	38.93	0.00	450.39	0.00	450.39	0.00	0.00	0.00	0.00	0.00	0.00	450.39
0 - 100 units	0	3.30			757.46	0.00	0.00	0.00	249.96	0.00	0.00	0.00	0.00	249.96	0.00	249.96	0.00	0.00	0.00	0.00	0.00	0.00	249.96
101 - 200 units	631217	4.30			375.57	0.00	771.49	0.00	161.50	0.00	0.00	38.93	0.00	200.43	0.00	200.43	0.00	0.00	0.00	0.00	0.00	0.00	200.43
<b>Category I (B) (ii) Domestic &gt; 200 units/month</b>	208866				781.43	0.00	346.74	0.00	473.74	0.00	0.00	16.74	0.00	490.48	0.00	490.48	0.00	0.00	0.00	0.00	0.00	0.00	490.48
0 - 200 units	0	5.00			501.28	0.00	0.00	0.00	250.64	0.00	0.00	0.00	0.00	250.64	0.00	250.64	0.00	0.00	0.00	0.00	0.00	0.00	250.64
201 - 300 units	156853	7.20			156.33	0.00	204.98	0.00	112.56	0.00	0.00	11.61	0.00	124.17	0.00	124.17	0.00	0.00	0.00	0.00	0.00	0.00	124.17
301 - 400 units	26124	8.50			43.15	0.00	67.09	0.00	36.68	0.00	0.00	2.58	0.00	39.26	0.00	39.26	0.00	0.00	0.00	0.00	0.00	0.00	39.26
401 - 800 units	22431	9.00			55.51	0.00	59.47	0.00	49.96	0.00	0.00	2.21	0.00	52.17	0.00	52.17	0.00	0.00	0.00	0.00	0.00	0.00	52.17
More than 800 units	3458	9.50			25.16	0.00	15.80	0.00	23.90	0.00	0.00	0.34	0.00	24.24	0.00	24.24	0.00	0.00	0.00	0.00	0.00	0.00	24.24
<b>Category II - Non-domestic/CommrI (A, B, C &amp; D)</b>	366007				757.38	0.00	717.10	0.00	689.08	48.95	0.00	22.49	-1.51	759.01	0.00	759.01	0.00	0.00	0.00	0.00	0.00	1.70	760.71
<b>Category II - Non-domestic/CommrI (A &amp; B)</b>	362342				754.92	0.00	714.03	0.00	688.21	48.74	0.00	22.30	-1.51	757.74	0.00	757.74	0.00	0.00	0.00	0.00	0.00	1.70	759.44
<b>Lt - II (A)-Up to 50 Units/Month</b>	213761				45.13	0.00	223.64	0.00	27.08	13.42	0.00	11.12	-1.51	50.11	0.00	50.11	0.00	0.00	0.00	0.00	0.00	1.70	51.80
0-50 units	213761	6.00	600.00		45.13	0.00	223.64	0.00	27.08	13.42	0.00	11.12	-1.51	50.11	0.00	50.11	0.00	0.00	0.00	0.00	0.00	1.70	51.80
<b>LT - II (B): Above 50 Units/Month</b>	148581				709.79	0.00	490.39	0.00	661.13	35.32	0.00	11.18	0.00	707.63	0.00	707.63	0.00	0.00	0.00	0.00	0.00	0.00	707.63
0 to 100 units	61676	7.50	720.00		137.37	0.00	75.52	0.00	103.03	5.44	0.00	4.15	0.00	112.62	0.00	112.62	0.00	0.00	0.00	0.00	0.00	0.00	112.62
101 to 300 units	50898	8.90	720.00		102.56	0.00	103.11	0.00	91.28	7.42	0.00	4.12	0.00	102.82	0.00	102.82	0.00	0.00	0.00	0.00	0.00	0.00	102.82
301 to 500 units	14215	9.40	720.00		83.33	0.00	45.99	0.00	78.33	3.31	0.00	1.16	0.00	82.80	0.00	82.80	0.00	0.00	0.00	0.00	0.00	0.00	82.80
More than 500 units	21792	10.00	720.00		386.53	0.00	265.77	0.00	386.53	19.14	0.00	1.75	0.00	407.42	0.00	407.42	0.00	0.00	0.00	0.00	0.00	0.00	407.42
<b>LT-II (C) Advertisement Hoardings</b>	331	12.00	720.00		1.63	0.00	0.14	0.00	1.96	0.01	0.00	0.01	0.00	1.98	0.00	1.98	0.00	0.00	0.00	0.00	0.00	0.00	1.98
<b>LT-II (D) Haircutting Salons consuming upto 200 units</b>	3334				1.42	0.00	2.93	0.00	0.87	0.21	0.00	0.19	0.00	1.27	0.00	1.27	0.00	0.00	0.00	0.00	0.00	0.00	1.27
0 to 50 units	2507	5.30	720.00		0.71	0.00	2.07	0.00	0.38	0.15	0.00	0.13	0.00	0.65	0.00	0.65	0.00	0.00	0.00	0.00	0.00	0.00	0.65
51 to 100 units	581	6.60	720.00		0.43	0.00	0.54	0.00	0.28	0.04	0.00	0.04	0.00	0.37	0.00	0.37	0.00	0.00	0.00	0.00	0.00	0.00	0.37
101 to 200 units	246	7.50	720.00		0.28	0.00	0.32	0.00	0.21	0.02	0.00	0.02	0.00	0.25	0.00	0.25	0.00	0.00	0.00	0.00	0.00	0.00	0.25
<b>Category III - Industrial</b>	20550				244.36	0.00	343.51	0.00	162.92	24.53	0.00	6.53	39.22	233.20	0.00	233.20	0.00	0.00	0.00	0.00	0.00	0.55	233.75
<b>Category III - Industrial</b>	20550				244.36	0.00	343.51	0.00	162.92	24.53	0.00	6.53	39.22	233.20	0.00	233.20	0.00	0.00	0.00	0.00	0.00	0.55	233.75
Industrial Normal	18680	6.70	720.00		234.11	0.00	330.73	0.00	156.85	23.81	0.00	6.46	39.22	226.36	0.00	226.36	0.00	0.00	0.00	0.00	0.00	0.55	226.91
Pisciculture/Prawn culture	145	5.20	252.00		0.98	0.00	1.43	0.00	0.51	0.04	0.00	0.00	0.00	0.55	0.00	0.55	0.00	0.00	0.00	0.00	0.00	0.00	0.55
Sugarcane Crushing	0	5.20	252.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Poultry Farms	1725	6.00	600.00		9.27	0.00	11.36	0.00	5.56	0.68	0.00	0.05	0.00	6.29	0.00	6.29	0.00	0.00	0.00	0.00	0.00	0.00	6.29
Mushroom & Rabbit, Sheep & Goat Farms	0	6.30	720.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Seasonal Industries	0	7.40	720.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>Category IV - Cottage Industries</b>	5529				7.55	0.00	13.66	0.00	3.02	0.33	0.00	0.29	-0.15	3.49	0.00	3.49	0.00	0.00	0.00	0.00	0.00	0.02	3.50
Cat -IV(A) - Cottage Industr. Upto 10 HP	5490	4.00	240.00		7.49	0.00	13.56	0.00	2.99	0.33	0.00	0.29	-0.15	3.46	0.00	3.46	0.00	0.00	0.00	0.00	0.00	0.02	3.47
Cat -IV(B) - Agro Based Activity upto 10 HP	39	4.00	240.00		0.06	0.00	0.10	0.00	0.03	0.00	0.00	0.00	0.00	0.03	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.03
<b>Category V (A &amp; B) - Irrig &amp; Agriculture</b>	1164283				7140.27	0.00	0.00	5907275.00	0.88	0.02	0.00	40.17	-0.43	40.65	0.00	40.65	0.00	0.00	0.00	0.00	0.00	15.99	56.64
<b>Category V(A+B) - Agriculture</b>	1164152				7138.06	0.00	0.00	5906250.50	0.00	0.00	0.00	40.17	-0.43	39.73	0.00	39.73	0.00	0.00	0.00	0.00	0.00	15.99	55.73
<b>Cat V(A) - Agriculture (DSM measures mandatory)</b>	1164152				7138.06	0.00	0.00	5906250.50	0.00	0.00	0.00	40.17	-0.43	39.73	0.00	39.73	0.00	0.00	0.00	0.00	0.00	15.99	55.73
Corporate Farmers	0	2.50			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15.99	15.99
Other than Corporate Farmers	1164152	0.00			7138.06	0.00	0.00	5906250.50	0.00	0.00	0.00	40.17	-0.43	39.73	0.00	39.73	0.00	0.00	0.00	0.00	0.00	0.00	39.73
<b>Category LT V(B) - Others</b>	131				2.21	0.00	0.00	1024.50	0.88	0.02	0.00	0.00	0.00	0.91	0.00	0.91	0.00	0.00	0.00	0.00	0.00	0.00	0.91
Horticulture Nurseries upto 15 HP	131	4.00	240		2.21	0.00	0.00	1024.50	0.88	0.02	0.00	0.00	0.00	0.91	0.00	0.91	0.00	0.00	0.00	0.00	0.00	0.00	0.91
<b>Category VI - Street Lighting &amp; PWS</b>	73203				307.82	0.00	75.66	130298.84	170.50	7.91	0.00	3.95	4.45	186.82	0.00	186.82	0.00	0.00	0.00	0.00	0.00	0.69	187.50
<b>VI(A) - Street Lighting</b>	40941				94.96	0.00	75.66	0.00	60.74	1													



Industrial Colony consumption		6.30	0.00							0.00	0.00		0.00												0.00	0.00
Seasonal Industries		7.60	4680.00							0.00	0.00		0.00												0.00	0.00
HT-I (A) Optional Cat. with CMD upto 150 kVA	739	7.00	960.00	203.53	91.16					142.47	8.75	1.49	152.72											0.46	153.17	
HT-I Indr. Time-of-Day Tariff (6 PM to 10 PM)	0	7.65	0.00	92.85	0.00					71.03	0.00	0.00	71.03											0.21	71.24	
HT-I Indr. Time-of-Day Tariff (6 AM to 10 AM)	0	7.65	0.00	84.34	0.00					64.52	0.00	0.00	64.52										0.19	64.71		
HT-I Indr. Time-of-Day Tariff (10 PM to 6 AM)	0	5.65	0.00	175.64	0.00					99.24	0.00	0.00	99.24										0.39	99.63		
HT - (B) Ferro-alloys		5.90	0.00							0.00	0.00		0.00											0.00	0.00	
HT-II - Others (Non- Industrial)	463	7.80	4680.00	54.45	74.47					42.47	34.85	0.92	80.03		1.79									0.12	80.15	
HT-II Others - Time-of-Day Tariff (6 PM to 10 PM)	0	8.80	0.00	27.81	0.00					24.47	0.00	0.00	24.47											0.06	24.54	
HT-II Others - Time-of-Day Tariff (6 AM to 10 AM)	0	8.80	0.00	19.76	0.00					17.39	0.00	0.00	17.39											0.04	17.44	
HT-II Others - Time-of-Day Tariff (10 PM to 6 AM)	0	6.80	0.00	35.42	0.00					24.09	0.00	0.00	24.09											0.08	24.17	
HT III: Airports, Bus Stations and Railway Stations	18	7.50	4680.00	2.16	2.53					1.62	1.18	0.04	-3.64		-0.80									0.00	-0.80	
HT-III - Aviation Time-of-Day Tariff (6 PM to 10 PM)	0	8.50	0.00	1.50	0.00					1.28	0.00	0.00	1.28											0.00	1.28	
HT-III - Aviation Time-of-Day Tariff (6 AM to 10 AM)	0	8.50	0.00	1.19	0.00					1.01	0.00	0.00	1.01											0.00	1.02	
HT-III - Aviation Time-of-Day Tariff (10 PM to 6 AM)	0	6.50	0.00	2.71	0.00					1.76	0.00	0.00	1.76										0.01	1.77		
HT -IV A Lift Irrigation and agriculture	203	5.80	1980.00	28.12	66.49					16.31	13.16	1.00	30.47											0.06	30.54	
HT -IV B - CP Water Supply Schemes	130	5.10	0.00	101.76	41.94					51.90	0.00	0.28	52.16											0.23	52.39	
HT-VI - Townships & Colony Supply	17	6.30	720.00	8.87	4.88					5.59	0.28	0.04	-0.35		5.56									0.02	5.58	
HT-VII Temporary	35	10.80	6000.00	17.38	13.18					18.77	7.91	0.06	416.26		443.00									0.04	443.04	
RESCOs	1	4.52		869	201.41					392.97			-0.37		392.60									1.95	394.54	
HT IX : Electric Vehicle Charging Stations		6.00													0.00										0.00	0.00
HT-IX EVCS Time-of-Day Tariff (6 PM to 10 PM)		7.00													0.00										0.00	0.00
HT-IX EVCS Time-of-Day Tariff (6 AM to 10 AM)		7.00													0.00										0.00	0.00
HT-IX EVCS Time-of-Day Tariff (10 PM to 6 AM)		5.00													0.00										0.00	0.00
<b>HT Category at 33 kV</b>	<b>125</b>			<b>0.00</b>	<b>568.38</b>	<b>234.21</b>	<b>0.00</b>	<b>327.29</b>	<b>55.86</b>	<b>0.00</b>	<b>0.25</b>	<b>0.00</b>	<b>383.40</b>	<b>0.00</b>	<b>383.40</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>1.27</b>	<b>384.67</b>	
HT-I Indl General	47	6.15	4680.00	61.90	72.81					38.07	34.07	0.10	72.24		72.24									0.14	72.38	
Lights & Fans		6.15	0.00							0.00	0.00		0.00		0.00									0.00	0.00	
Poultry farms		6.15	4680.00							0.00	0.00		0.00		0.00									0.00	0.00	
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	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	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	0.00	
Industrial Colony consumption		6.30	0.00							0.00	0.00		0.00		0.00									0.00	0.00	
Seasonal Industries		6.90	4680.00							0.00	0.00		0.00		0.00									0.00	0.00	
HT-I Indr. Time-of-Day Tariff (6 PM to 10 PM)	0	7.15	0.00	36.37	0.00					26.01	0.00	0.00	26.01											0.08	26.09	
HT-I Indr. Time-of-Day Tariff (6 AM to 10 AM)	0	7.15	0.00	31.35	0.00					22.41	0.00	0.00	22.41											0.07	22.48	
HT-I Indr. Time-of-Day Tariff (10 PM to 6 AM)	0	5.15	0.00	68.40	0.00					35.23	0.00	0.00	35.23											0.15	35.38	
HT - (B) Ferro-alloys	1	5.50	0.00	41.51	5.85					22.83	0.00	0.00	22.83											0.09	22.93	
HT-II - Others (Non- Industrial)	16	7.00	4680.00	4.42	7.78					3.09	3.64	0.03	6.76											0.01	6.77	
HT-II Others - Time-of-Day Tariff (6 PM to 10 PM)	0	8.00	0.00	2.32	0.00					1.85	0.00	0.00	1.85											0.01	1.86	
HT-II Others - Time-of-Day Tariff (6 AM to 10 AM)	0	8.00	0.00	1.62	0.00					1.30	0.00	0.00	1.30											0.00	1.30	
HT-II Others - Time-of-Day Tariff (10 PM to 6 AM)	0	6.00	0.00	3.77	0.00					2.26	0.00	0.00	2.26										0.01	2.27		
HT III: Airports, Bus Stations and Railway Stations		6.85	4680.00							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 and agriculture	22	5.80	1980.00	46.51	63.92					26.97	12.66	0.04	39.67											0.10	39.78	
HT -IV B - CP Water Supply Schemes	26	5.10	0.00	219.20	60.63					111.79	0.00	0.05	111.85											0.49	112.34	
HT-VI - Townships & Colony Supply	7	6.30	720.00	42.00	15.57					26.46	0.90	0.01	27.37											0.09	27.47	
HT-VII Temporary	6	10.00	6000.00	9.01	7.65					9.01	4.59	0.01	13.61											0.02	13.63	
HT IX : Electric Vehicle Charging Stations		6.00													0.00										0.00	0.00
HT-IX EVCS Time-of-Day Tariff (6 PM to 10 PM)		7.00													0.00										0.00	0.00
HT-IX EVCS 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 EVCS Time-of-Day Tariff (10 PM to 6 AM)		5.00								0.00	0.00		0.00		0.00										0.00	0.00
<b>HT Category at 132 kV</b>	<b>62</b>			<b>0.00</b>	<b>4071.28</b>	<b>2372.34</b>	<b>0.00</b>	<b>2282.52</b>	<b>560.81</b>	<b>0.00</b>	<b>0.14</b>	<b>323.69</b>	<b>3167.16</b>	<b>0.00</b>	<b>3167.16</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>9.12</b>	<b>3176.28</b>	
HT-I Indl General	17	5.65	4680.00	257.51	190.22					145.49	89.02	0.03	234.55		234.55									0.58	235.13	
Lights & Fans		5.65	0.00							0.00	0.00		0.00		0.00									0.00	0.00	
Industrial Colony consumption		6.30	0.00							0.00	0.00		0.00		0.00									0.00	0.00	
Seasonal Industries		6.70	4680.00							0.00	0.00		0.00		0.00									0.00	0.00	
HT-I Indr. Time-of-Day Tariff (6 PM to 10 PM)	0	6.65	0.00	167.99	0.00					111.72	0.00	0.00	111.72											0.38	112.09	
HT-I Indr. Time-of-Day Tariff (6 AM to 10 AM)	0	6.65	0.00	141.03	0.00					93.79	0.00	0.00	93.79											0.32	94.10	
HT-I Indr. Time-of-Day Tariff (10 PM to 6 AM)	0	4.65	0.00	307.47	0.00					142.97	0.00	0.00	142.97											0.89	143.86	
HT - (B) Ferro-alloys		5.00	0.00							0.00	0.00		0.00		0.00									0.00	0.00	
HT-II - Others (Non- Industrial)	3	6.80	4680.00	0.97	17.00					0.66	7.96	0.01	8.62											0.00	8.63	
HT-II Others - Time-of-Day Tariff (6 PM to 10 PM)	0	7.80	0.00	0.71	0.00					0.55	0.00	0.00	0.55											0.00	0.55	
HT-II Others - Time-of-Day Tariff (6 AM to 10 AM)	0	7.80	0.00	0.49	0.00					0.38	0.00	0.00	0.38											0.00	0.39	
HT-II Others - Time-of-Day Tariff (10 PM to 6 AM)	0	5.80	0.00	1.96	0.00					1.14	0.00	0.00	1.14											0.00	1.14	
HT III: Airports, Bus Stations and Railway Stations		6.45	4680.00							0.00	0.00		0.00		0.00									0.00	0.00	
HT-III - Aviation Time-of-Day Tariff (6 PM to 10 PM)		7.45	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)		7.45	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)		5.45	0.00							0.00	0.00		0.00		0.00									0.00	0.00	
HT -IV A Lift Irrigation and agriculture	27	5.																								

Consumer Categories	No of consumers	Components of tariff			Relevant sales related data			Full year revenue excluding external subsidy								Net Revenue from Tariff (Rs. Crores)	Surcharge (Rs. Crs)	Additional Surcharge (Rs. Crs)	Grid Support Charges (Rs. Crs)	Direct	Apportioned	Total Revenue (Net of Incentives) (Rs. Crs)	Remarks		
		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)	Incentives (Rs. Crs)										
<b>LT Total - (Existing Categories)</b>	5420992				12927.82	0.00	4096.02	6221430.61	2260.11	87.10	9.48	236.59	52.23	2645.51	0.00	2645.51	0.00	0.00	0.00	0.00	0.00	24.52	2670.04		
<b>Category Domestic (All)</b>	3708460		0.00	0.00	3769.43	0	2824.87	0	1305.89	0.00	6.73	157.39	0.97	1470.98	0.00	1470.98	0.00	0.00	0.00	0.00	0.00	7.15	1478.13		
<b>Cat I (A) Domestic upto 100 units/month</b>	2768743				1511.74	0.00	1559.40	0.00	267.27	0.00	6.73	93.18	0.97	368.15	0.00	368.15	0.00	0.00	0.00	0.00	0.00	7.15	375.30		
0 - 50 units	1670043	1.45			1201.52		790.93		174.23		6.73	52.07	0.97	233.99		233.99						7.15	241.14		
51 - 100 units	1098700	2.60			357.98		729.81		93.05		0.00	41.11	0.00	134.16		134.16						0.00	134.16		
<b>Cat I (B) (i) Domestic - &gt; 100 &amp; &lt;= 200 units/month</b>	659400				1207.44	0.00	841.46	0.00	440.06	0.00	0.00	41.12	0.00	481.18	0.00	481.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	481.18	
0 - 100 units	0	3.30			791.28		0.00		281.12		0.00	0.00	0.00	261.12		261.12						0.00	261.12		
101 - 200 units	659400	4.30			416.13		841.46		178.94		0.00	41.12	0.00	220.05		220.05						0.00	220.05		
<b>Category I (B) (ii) Domestic &gt; 200 units/month</b>	280317				1002.82	0.00	471.67	0.00	598.56	0.00	0.00	23.09	0.00	621.65	0.00	621.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	621.65	
0 - 200 units	0	5.00			672.76		0.00		336.38		0.00	0.00	0.00	336.38		336.38						0.00	336.38		
201 - 300 units	195541	7.20			182.31		270.29		131.26		0.00	14.63	0.00	145.90		145.90						0.00	145.90		
301 - 400 units	47948	8.50			63.82		94.70		54.25		0.00	4.78	0.00	59.03		59.03						0.00	59.03		
401 - 800 units	32472	9.00			57.41		85.07		51.67		0.00	3.24	0.00	54.91		54.91						0.00	54.91		
More than 800 units	4356	9.50			26.32		21.60		25.00		0.00	0.43	0.00	25.44		25.44						0.00	25.44		
<b>Category II - Non-domestic/Commr (A, B, C &amp; D)</b>	386950.000				648.98	0.00	774.46	0.00	586.06	52.32	2.63	23.20	0.41	664.61	0.00	664.61	0.00	0.00	0.00	0.00	0.00	1.23	665.84		
<b>Category II - Non-domestic/Commr (A &amp; B)</b>	383009				646.61	0.00	769.97	0.00	585.45	52.10	2.63	22.99	0.41	663.59	0.00	663.59	0.00	0.00	0.00	0.00	0.00	1.23	664.82		
<b>Lt - I (A)-Up to 50 Units/Month</b>	239426				44.12	0.00	286.86	0.00	26.47	17.21	2.63	11.46	0.41	58.18	0.00	58.18	0.00	0.00	0.00	0.00	0.00	1.23	59.41		
0-50 units	239426	6.00	600.00		44.12		286.86		26.47	17.21	2.63	11.46	0.41	58.18	0.00	58.18	0.00	0.00	0.00	0.00	0.00	1.23	59.41		
<b>LT - II (B): Above 50 Units/Month</b>	143583				602.49	0.00	483.12	0.00	558.98	34.89	0.00	11.53	0.00	605.41	0.00	605.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	605.41	
0 to 100 units	61909	7.50	720.00		126.98		76.71		95.23	5.52	4.46	0.00	105.22		105.22							0.00	105.22		
101 to 300 units	49354	8.90	720.00		84.52		109.28		75.22	7.87	4.27	0.00	87.36		87.36							0.00	87.36		
301 to 500 units	13820	9.40	720.00		68.58		48.96		64.47	3.53	1.21	0.00	69.20		69.20							0.00	69.20		
More than 500 units	18500	10.00	720.00		322.42		248.17		322.42	17.87	1.59	0.00	341.88		341.88							0.00	341.88		
<b>LT-II (C) Advertisement Hoardings</b>	332	12.00	720.00		1.37		1.44		1.65	0.10	0.01	0.00	1.76		1.76							0.00	1.76		
<b>LT-II (D) Haircutting Salons consuming upto 200 ur</b>	3609				1.00	0.00	3.05	0.00	0.60	0.22	0.00	0.20	0.00	1.03	0.00	1.03	0.00	0.00	0.00	0.00	0.00	0.00	1.03		
0 to 50 units	2697	5.30	720.00		0.55		2.16		0.29	0.16	0.00	0.14	0.00	0.59		0.59						0.00	0.59		
51 to 100 units	665	6.60	720.00		0.28		0.56		0.18	0.04	0.00	0.02	0.00	0.27		0.27						0.00	0.27		
101 to 200 units	247	7.50	720.00		0.17		0.33		0.13	0.02	0.00	0.04	0.00	0.17	0.00	0.17						0.00	0.17		
<b>Category III Industrial</b>	20908				246.00	0.00	356.03	0.00	163.98	25.41	0.00	6.49	26.27	222.16	0.00	222.16	0.00	0.00	0.00	0.00	0.00	0.47	222.62		
<b>Category III - Industrial</b>	20908				246.00	0.00	356.03	0.00	163.98	25.41	0.00	6.49	26.27	222.16	0.00	222.16	0.00	0.00	0.00	0.00	0.00	0.47	222.62		
Industrial Normal	18937	6.70	720.00		235.28		341.35		157.64	24.58	6.44	26.27	214.93		214.93							0.47	215.39		
Pisciculture/Prawn culture	138	5.20	252.00		1.03		1.43		0.54	0.04	0.00	0.00	0.58		0.58							0.00	0.58		
Sugarcane Crushing	0	5.20	252.00		0.00		0.00		0.00	0.00	0.00	0.00	0.00		0.00							0.00	0.00		
Poultry Farms	1833	6.00	600.00		9.88		13.25		5.81	0.79	0.05	0.00	6.65		6.65							0.00	6.65		
Mushroom & Rabbit/Sheep & Goat Farms	0	6.30	720.00		0.00		0.00		0.00	0.00	0.00	0.00	0.00		0.00							0.00	0.00		
Seasonal Industries	0	7.40	720.00		0.00		0.00		0.00	0.00	0.00	0.00	0.00		0.00							0.00	0.00		
<b>Category IV- Cottage Industries</b>	5775				7.78	0.00	14.47	0.00	3.11	0.35	0.00	0.31	0.06	3.83	0.00	3.83	0.00	0.00	0.00	0.00	0.00	0.01	3.84		
Cat -IV(A) - Cottage Indstr. Upto 10 HP	5737	4.00	240.00		7.72		14.37		3.09	0.34	0.00	0.31	0.06	3.80		3.80						0.01	3.82		
Cat -IV(B) - Agro Based Acticity upto 10 HP	38	4.00	240.00		0.06		0.10		0.02	0.00	0.00	0.00	0.03		0.03							0.00	0.03		
<b>Category V (A &amp; B) - Irrig &amp; Agriculture</b>	1202763				7904.02	0.00	0.00	6097430.15	0.56	0.04	0.00	42.96	-0.51	43.04	0.00	43.04	0.00	0.00	0.00	0.00	0.00	15.00	58.04		
<b>Category V(A+B) - Agriculture</b>	1202556				7902.62	0.00	0.00	6095821.65	0.00	0.00	0.00	42.95	-0.51	42.44	0.00	42.44	0.00	0.00	0.00	0.00	0.00	14.995	57.43		
<b>Cat V(A) - Agriculture (DSM measures mandatory)</b>	1202556				7902.62	0.00	0.00	6095821.65	0.00	0.00	0.00	42.95	-0.51	42.44	0.00	42.44	0.00	0.00	0.00	0.00	0.00	14.995	57.43		
Corporate Farmers	0	2.50			0.00		0.00		0.00	0.00	0.00	0.00	0.00		0.00							15.00	15.00		
Other than Corporate Farmers	1202556	0.00			7902.62		0.00	6095821.65	0.00	0.00	0.00	42.95	-0.51	42.44		42.44						0.00	42.44		
<b>Category LT V(B) - Others</b>	207				1.40	0.00	0.00	1608.50	0.56	0.04	0.00	0.01	0.00	0.61	0.00	0.61	0.00	0.00	0.00	0.00	0.00	0.00	0.61		
Horticulture Nurseries upto 15 HP	207	4.00		240	1.40		0.00	1608.50	0.56	0.04	0.00	0.01	0.00	0.61		0.61						0.00	0.61		
<b>Category VI - Street Lighting &amp; PWS</b>	73633				322.31	0.00	79.09	124000.46	179.09	7.80	0.00	4.59	6.27	197.74	0.00	197.74	0.00	0.00	0.00	0.00	0.00	0.61	198.35		
<b>VI(A) - Street Lighting</b>	43568				104.08	0.00	79.09	0.00	66.34	3.04	0.00	2.71	6.27	78.35	0.00	78.35	0.00	0.00	0.00	0.00	0.00	0.61	78.96		
Panchayats	32745	6.10	384		66.03		53.08		40.28	2.04	2.03	6.27	50.62		50.62							0.61	51.23		
Municipalities	5722	6.60	384		19.10		12.59		12.61	0.48	0.36	0.00	13.44		13.44							0.00	13.44		
Municipal Corporations	5101	7.10	384		18.95		13.42		13.45	0.52	0.32	0.00	14.28		14.28							0.00	14.28		
<b>VI(B) - PWS Schemes</b>	30065				218.23	0.00																			

Industrial Colony consumption	0	6.30	0.00			0	0.00			0.00	0.00			0.00	0.00				0.000	0.00		
Seasonal Industries	0	7.60	4680.00			0	0.00			0.00	0.00			0.00	0.00				0.000	0.00		
HT-I (A) Optional Cat. with CMD upto 150 kVA	745	7.00	960.00			184	92.19			128.58	7.08			1.51	0.00	137.17			0.348	137.51		
HT-I Indr. Time-of-Day Tariff (6 PM to 10 PM)	0	7.65	0.00			98	0.00			74.67	0.00			0.00	0.00	74.67			0.185	74.86		
HT-I Indr. Time-of-Day Tariff (6 AM to 10 AM)	0	7.65	0.00			89	0.00			67.96	0.00			0.00	0.00	67.96			0.169	68.13		
HT-I Indr. Time-of-Day Tariff (10 PM to 6 AM)	0	5.65	0.00			182	0.00			102.67	0.00			0.00	0.00	102.67			0.345	103.02		
HT - I (B) Ferro-alloys	0	5.90	0.00			0	0.00			0.00	0.00			0.00	0.00	0.00			0.000	0.00		
HT-II - Others (Non- Industrial)	488	7.80	4680.00			38	79.94			29.87	29.93			0.96	0.79	61.55			0.073	61.62		
HT-II Others - Time-of-Day Tariff (6 PM to 10 PM)	0	8.80	0.00			19	0.00			16.65	0.00			0.00	0.00	16.65			0.036	16.69		
HT-II Others - Time-of-Day Tariff (6 AM to 10 AM)	0	8.80	0.00			14	0.00			12.55	0.00			0.00	0.00	12.55			0.027	12.58		
HT-II Others - Time-of-Day Tariff (10 PM to 6 AM)	0	6.80	0.00			25	0.00			16.68	0.00			0.00	0.00	16.68			0.047	16.73		
HT III: Airports, Bus Stations and Railway Stations	18	7.50	4680.00			2	2.49			1.21	0.93			0.04	0.22	2.40			0.003	2.40		
HT-III - Aviation Time-of-Day Tariff (6 PM to 10 PM)	0	8.50	0.00			1	0.00			1.12	0.00			0.00	0.00	1.12			0.002	1.12		
HT-III - Aviation Time-of-Day Tariff (6 AM to 10 AM)	0	8.50	0.00			1	0.00			0.85	0.00			0.00	0.00	0.85			0.002	0.86		
HT-III - Aviation Time-of-Day Tariff (10 PM to 6 AM)	0	6.50	0.00			2	0.00			1.47	0.00			0.00	0.00	1.47			0.004	1.47		
HT -IV A Lift Irrigation and agriculture	205	5.80	1980.00			33	67.22			19.38	10.65			0.48	0.00	30.51			0.063	30.57		
HT -IV B - CP Water Supply Schemes	123	5.10	0.00			136	38.68			69.60	0.00			0.25	0.00	69.85			0.259	70.11		
HT -VI - Townships & Colony Supply	18	6.30	720.00			9	5.03			5.53	0.29			0.04	0.91	6.77			0.017	6.79		
HT-VII Temporary	36	10.80	6000.00			24	14.70			25.64	7.05			0.09	20.92	53.69			0.045	53.74		
RESCOs	1	4.52			938	0	211.41			424.09	0.00			0.00	1.42	425.51			1.790	427.30		
HT IX : Electric Vehicle Charging Stations	0	6.00				0	0.00			0.00	0.00			0.00	0.00	0.00			0.000	0.00		
HT-IX EVCS Time-of-Day Tariff (6 PM to 10 PM)	0	7.00				0	0.00			0.00	0.00			0.00	0.00	0.00			0.000	0.00		
HT-IX EVCS Time-of-Day Tariff (6 AM to 10 AM)	0	7.00				0	0.00			0.00	0.00			0.00	0.00	0.00			0.000	0.00		
HT-IX EVCS Time-of-Day Tariff (10 PM to 6 AM)	0	5.00				0	0.00			0.00	0.00			0.00	0.00	0.00			0.000	0.00		
<b>HT Category at 33 kV</b>	<b>129</b>					<b>0.00</b>	<b>611</b>	<b>228.75</b>	<b>0.00</b>	<b>348.25</b>	<b>42.45</b>	<b>0.00</b>	<b>0.28</b>	<b>0.00</b>	<b>390.96</b>	<b>0.00</b>	<b>390.96</b>	<b>0.00</b>	<b>0.00</b>	<b>1.159</b>	<b>392.11</b>	
HT-I Indl General	47	6.15	4680.00			66	64.60			40.65	24.19			0.10	0.00	64.93			0.125	65.05		
Lights & Fans	0	6.15	0.00			0	0.00			0.00	0.00			0.00	0.00	0.00			0.000	0.00		
Poultry farms	0	6.15	4680.00			0	0.00			0.00	0.00			0.00	0.00	0.00			0.000	0.00		
Poultry Farms Time-of-Day Tariff (6 PM to 10 PM)	0	7.15	0.00			0	0.00			0.00	0.00			0.00	0.00	0.00			0.000	0.00		
Poultry Farms Time-of-Day Tariff (6 AM to 10 AM)	0	7.15	0.00			0	0.00			0.00	0.00			0.00	0.00	0.00			0.000	0.00		
Poultry Farms Time-of-Day Tariff (10 PM to 6 AM)	0	5.15	0.00			0	0.00			0.00	0.00			0.00	0.00	0.00			0.000	0.00		
Industrial Colony consumption	0	6.30	0.00			0	0.00			0.00	0.00			0.00	0.00	0.00			0.000	0.00		
Seasonal Industries	0	6.90	4680.00			0	0.00			0.00	0.00			0.00	0.00	0.00			0.000	0.00		
HT-I Indr. Time-of-Day Tariff (6 PM to 10 PM)	0	7.15	0.00			33	0.00			23.62	0.00			0.00	0.00	23.62			0.063	23.68		
HT-I Indr. Time-of-Day Tariff (6 AM to 10 AM)	0	7.15	0.00			28	0.00			19.72	0.00			0.00	0.00	19.72			0.052	19.77		
HT-I Indr. Time-of-Day Tariff (10 PM to 6 AM)	0	5.15	0.00			62	0.00			31.67	0.00			0.00	0.00	31.67			0.117	31.79		
HT - I (B) Ferro-alloys	1	5.50	0.00			37	5.85			20.34	0.00			0.00	0.00	20.34			0.070	20.41		
HT-II - Others (Non- Industrial)	16	7.00	4680.00			4	8.18			2.52	3.08			0.03	0.00	5.61			0.007	5.62		
HT-II Others - Time-of-Day Tariff (6 PM to 10 PM)	0	8.00	0.00			2	0.00			1.38	0.00			0.00	0.00	1.38			0.003	1.39		
HT-II Others - Time-of-Day Tariff (6 AM to 10 AM)	0	8.00	0.00			1	0.00			1.02	0.00			0.00	0.00	1.02			0.002	1.02		
HT-II Others - Time-of-Day Tariff (10 PM to 6 AM)	0	6.00	0.00			3	0.00			1.77	0.00			0.00	0.00	1.77			0.006	1.78		
HT III: Airports, Bus Stations and Railway Stations	0	6.85	4680.00			0	0.00			0.00	0.00			0.00	0.00	0.00			0.000	0.00		
HT-III - Aviation Time-of-Day Tariff (6 PM to 10 PM)	0	7.85	0.00			0	0.00			0.00	0.00			0.00	0.00	0.00			0.000	0.00		
HT-III - Aviation Time-of-Day Tariff (6 AM to 10 AM)	0	7.85	0.00			0	0.00			0.00	0.00			0.00	0.00	0.00			0.000	0.00		
HT-III - Aviation Time-of-Day Tariff (10 PM to 6 AM)	0	5.85	0.00			0	0.00			0.00	0.00			0.00	0.00	0.00			0.000	0.00		
HT -IV A Lift Irrigation and agriculture	22	5.80	1980.00			32	63.92			18.70	10.13			0.04	0.00	28.87			0.061	28.93		
HT -IV B - CP Water Supply Schemes	27	5.10	0.00			288	62.28			146.96	0.00			0.05	0.00	147.02			0.547	147.56		
HT -VI - Townships & Colony Supply	7	6.30	720.00			43	15.17			26.82	0.87			0.01	0.00	27.71			0.081	27.79		
HT-VII Temporary	9	10.00	6000.00			13	8.75			13.07	4.20			0.02	0.00	17.28			0.025	17.31		
HT IX : Electric Vehicle Charging Stations	0	6.00				0	0.00			0.00	0.00			0.00	0.00	0.00			0.000	0.00		
HT-IX EVCS Time-of-Day Tariff (6 PM to 10 PM)	0	7.00				0	0.00			0.00	0.00			0.00	0.00	0.00			0.000	0.00		
HT-IX EVCS Time-of-Day Tariff (6 AM to 10 AM)	0	7.00				0	0.00			0.00	0.00			0.00	0.00	0.00			0.000	0.00		
HT-IX EVCS Time-of-Day Tariff (10 PM to 6 AM)	0	5.00				0	0.00			0.00	0.00			0.00	0.00	0.00			0.000	0.00		
<b>HT Category at 132 kV</b>	<b>63</b>					<b>0.00</b>	<b>3221</b>	<b>2736.94</b>	<b>0.00</b>	<b>1795.17</b>	<b>515.52</b>	<b>0.00</b>	<b>0.15</b>	<b>79.26</b>	<b>2390.10</b>	<b>0.00</b>	<b>2390.10</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>6.110</b>	<b>2396.21</b>
HT-I Indl General	15	5.65	4680.00			134	149.67			75.78	56.04			0.03	0.00	131.85			0.254	132.11		
Lights & Fans	0	5.65	0.00			0	0.00			0.00	0.00			0.00	0.00	0.00			0.000	0.00		
Industrial Colony consumption	0	6.30	0.00			0	0.00			0.00	0.00			0.00	0.00	0.00			0.000	0.00		
Seasonal Industries	0	6.70	4680.00			0	0.00			0.00	0.00			0.00	0.00	0.00			0.000	0.00		
HT-I Indr. Time-of-Day Tariff (6 PM to 10 PM)	0	6.65	0.00			105	0.00			69.61	0.00			0.00	0.00	69.61			0.199	69.81		
HT-I Indr. Time-of-Day Tariff (6 AM to 10 AM)	0	6.65	0.00			83	0.00			54.90	0.00			0.00	0.00	54.90			0.157	55.06		
HT-I Indr. Time-of-Day Tariff (10 PM to 6 AM)	0	4.65	0.00			187	0.00			87.18	0.00			0.00	0.00	87.18			0.356	87.53		
HT-I HMWSSB	2	5.65	4680.00			245	35.00			101.29	13.10			0.00	0.00	114.39			0.465	114.86		
HT-I Time-of-Day Tariff (6 PM to 10 PM)	0	6.65	0.00			13	0.00			8.81	6.10			0.00	0.00	8.81			0.025	8.83		
HT-I - Time-of-Day Tariff (6 AM to 10 AM)	0	6.65	0.00			13	0.00			8.83	0.00			0.00	0.00	8.83			0.025	8.86		
HT-I - Time-of-Day Tariff (10 PM to 6 AM)	0	4.65	0.00			26	0.00			12.31	0.00			0.00	0.00	12.31			0.050	12.36		
HT - I (B) Ferro-alloys	1	5.00	4680.00			0	0.00			0.00	0.00			0.00	0.00	0.00			0.000	0.00		
HT-II - Others (Non- Industrial)	4	6.80	4680.00			2	14.15			1.29	5.30			0.01	0.00	6.60			0.004	6.60		
HT-II Others - Time-of-Day Tariff (6 PM to 10 PM)	0	7.80	0.00			2	0.00			1.76	0.00			0.00	0.00	1.76			0.004	1.78		
HT-II Others - Time-of-Day Tariff (6 AM to 10 AM)	0	7.80	0.00			1	0.00			0.84	0.00			0.00	0.00	0.84			0.002	0.84		
HT-II Others - Time-of-Day Tariff (10 PM to 6 AM)	0	5.80	0.00			4	0.00			2.15	0.00			0.00	0.00	2.15			0.007	2.18		
HT III: Airports, Bus Stations and Railway Stations	0	6.45	4680.00			0	0.00			0.00	0.00			0.00	0.00	0.00			0.000	0.00		
HT-III - Aviation Time-of-Day Tariff (6 PM to 10 PM)	0	7.45	0.00			0	0.00			0.00	0.00			0.00	0.00	0.00			0.000	0.00		
HT-III - Aviation Time-of-Day Tariff (6 AM to 10 AM)	0	7.45	0.00			0	0.00			0.00	0.00			0.00	0.00	0.00			0.000	0.00		
HT-III - Aviation Time-of-Day Tariff (10 PM to 6 AM)	0	5.45	0.00			0	0.00			0.00	0.00			0.00	0.00	0.00			0.000	0.00		
HT -IV A Lift Irrigation and agriculture	27	5.80	1980.00			1892	2318.81			1097.58	367.30			0.05	74.59	1539.53			3.590	1543.12		
HT -IV B - CP Water Supply Schemes	1	5.10	0.00			24	5.31			12.3												

Consumer Categories	No of consumers	Components of tariff			Relevant sales related data					Full year revenue excluding external subsidy							Surcharges			Non - tariff Income		Total Revenue (Net of incentives) (Rs.Crs)	Remarks		
		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)	Incentives (Rs. Crs)	Net Revenue from Tariff (Rs. Crores)	Surcharge (Rs. Crs)	Additional Surcharge (Rs.Crs)	Grid Support Charges (Rs. Crs)	Direct	Apportioned				
<b>LT Total - (Existing Categories)</b>	5587531				13223.89	0.00	4189.19	6542808.84	2472.02	88.70	0.00	234.18	0.00	2794.89	0.00	2794.89	0.00	0.00	0.00	0.00	19.11		2814.00		
<b>Category - Domestic (All)</b>	3799591		0.00	0.00	3964.14	0	2894.29	0	1373.35	0.00	0.00	153.30	0.00	1526.64	0.00	1526.64	0.00	0.00	0.00	0.00	5.73		1532.37		
<b>Cat (A) Domestic up to 100 units/month</b>	2836782				1639.95	0.00	1548.89	0.00	281.08	0.00	0.00	90.76	0.00	371.83	0.00	371.83	0.00	0.00	0.00	0.00	2.37		374.20		
0 - 50 units	1711082	1.45			1263.58	0.00	810.37	0.00	183.22	0.00	0.00	50.72	0.00	233.94	0.00	233.94	0.00	0.00	0.00	0.00	1		235.76		
51 - 100 units	1125700	2.60			376.37	0.00	738.52	0.00	97.86	0.00	0.00	40.04	0.00	137.90	0.00	137.90	0.00	0.00	0.00	0.00	2		138.44		
<b>Cat (B) Domestic &gt; 100 &lt;= 200 units/month</b>	675604				1289.78	0.00	862.14	0.00	462.79	0.00	0.00	40.05	0.00	502.84	0.00	502.84	0.00	0.00	0.00	0.00	0		504.67		
0 - 100 units	0	3.30			832.15	0.00	0.00	0.00	274.61	0.00	0.00	0.00	0.00	274.61	0.00	274.61	0.00	0.00	0.00	0.00	1		275.81		
101 - 200 units	675604	4.30			457.63	0.00	862.14	0.00	188.18	0.00	0.00	40.05	0.00	228.23	0.00	228.23	0.00	0.00	0.00	0.00	1		228.86		
<b>Category I (B) Domestic &gt; 200 units/month</b>	287205				1054.41	0.00	483.26	0.00	629.48	0.00	0.00	22.49	0.00	651.97	0.00	651.97	0.00	0.00	0.00	0.00	2		653.50		
0 - 200 units	0	5.00			707.51	0.00	0.00	0.00	353.76	0.00	0.00	0.00	0.00	353.76	0.00	353.76	0.00	0.00	0.00	0.00	1		354.78		
201 - 300 units	200346	7.20			191.73	0.00	276.93	0.00	138.04	0.00	0.00	14.25	0.00	152.30	0.00	152.30	0.00	0.00	0.00	0.00	0		152.57		
301 - 400 units	49126	8.50			67.12	0.00	97.03	0.00	57.05	0.00	0.00	4.66	0.00	61.71	0.00	61.71	0.00	0.00	0.00	0.00	0		61.81		
401 - 800 units	33270	9.00			60.38	0.00	87.16	0.00	54.34	0.00	0.00	3.16	0.00	57.49	0.00	57.49	0.00	0.00	0.00	0.00	0		57.58		
More than 800 units	4463	9.50			27.68	0.00	22.13	0.00	26.30	0.00	0.00	0.42	0.00	26.72	0.00	26.72	0.00	0.00	0.00	0.00	0		26.76		
<b>Category II - Non-domestic/Commr (A, B, C &amp; D)</b>	397421				777.54	0.00	794.12	0.00	704.57	53.65	0.00	23.94	0.00	782.17	0.00	782.17	0.00	0.00	0.00	0.00	1		783.29		
<b>Category II - Non-domestic/Commr (A &amp; B)</b>	392093.00				774.55	0.00	788.24	0.00	703.76	53.33	0.00	23.66	0.00	780.78	0.00	780.78	0.00	0.00	0.00	0.00	1.12		781.91		
<b>Lt - II (A)-Up to 50 Units/Month</b>	245104				49.49	0.00	293.66	0.00	29.69	17.62	0.00	13.08	0.00	60.39	0.00	60.39	0.00	0.00	0.00	0.00	0		60.47		
0-50 units	245104	6.00	600.00		49.49	0.00	293.66	0.00	29.69	17.62	0.00	13.08	0.00	60.39	0.00	60.39	0.00	0.00	0.00	0.00	0		60.47		
<b>LT - II (B): Above 50 Units/Month</b>	146989				725.06	0.00	494.58	0.00	674.07	35.71	0.00	10.58	0.00	720.39	0.00	720.39	0.00	0.00	0.00	0.00	1		721.44		
0 to 100 units	63377	7.50	720.00		146.37	0.00	146.37	0.00	109.78	5.65	0.00	4.13	0.00	119.57	0.00	119.57	0.00	0.00	0.00	0.00	0		119.78		
101 to 300 units	50525	8.90	720.00		103.29	0.00	111.87	0.00	91.93	8.05	0.00	3.90	0.00	103.88	0.00	103.88	0.00	0.00	0.00	0.00	0		104.03		
301 to 500 units	14148	9.40	720.00		83.87	0.00	50.12	0.00	78.83	3.61	0.00	1.09	0.00	83.53	0.00	83.53	0.00	0.00	0.00	0.00	0		83.65		
More than 500 units	18939	10.00	720.00		391.54	0.00	254.06	0.00	391.54	18.29	0.00	1.46	0.00	411.29	0.00	411.29	0.00	0.00	0.00	0.00	0		411.86		
<b>LT-II (C) Advertisement Hoardings</b>	334	12.00	720.00		1.66	0.00	1.45	0.00	1.99	0.10	0.00	0.03	0.00	2.12	0.00	2.12	0.00	0.00	0.00	0.00	0		2.13		
<b>LT-II (D) Haircutting Salons consuming upto 200 units</b>	4994				1.33	0.00	4.44	0.00	0.81	0.32	0.00	0.25	0.00	1.38	0.00	1.38	0.00	0.00	0.00	0.00	0		1.38		
0 to 50 units	3697	5.30	720.00		0.70	0.00	3.16	0.00	0.37	0.23	0.00	0.17	0.00	0.77	0.00	0.77	0.00	0.00	0.00	0.00	0		0.77		
51 to 100 units	900	6.60	720.00		0.39	0.00	0.80	0.00	0.26	0.06	0.00	0.05	0.00	0.37	0.00	0.37	0.00	0.00	0.00	0.00	0		0.37		
101 to 200 units	397	7.50	720.00		0.25	0.00	0.48	0.00	0.19	0.03	0.00	0.03	0.00	0.24	0.00	0.24	0.00	0.00	0.00	0.00	0		0.25		
<b>Category III - Industrial</b>	21110				245.87	0.00	359.20	0.00	163.92	25.63	0.00	6.11	0.00	195.66	0.00	195.66	0.00	0.00	0.00	0.00	0		195.02		
<b>Category III - Industrial</b>	21110				245.87	0.00	359.20	0.00	163.92	25.63	0.00	6.11	0.00	195.66	0.00	195.66	0.00	0.00	0.00	0.00	0.00	0		195.02	
Industrial Normal	18095	6.70	720.00		235.37	0.00	344.20	0.00	157.70	24.78	0.00	6.06	0.00	188.54	0.00	188.54	0.00	0.00	0.00	0.00	0		188.88		
Pisciculture/Fraun culture	139	5.20	252.00		1.01	0.00	1.44	0.00	0.53	0.04	0.00	0.00	0.00	0.57	0.00	0.57	0.00	0.00	0.00	0.00	0		0.57		
Sugarcane Crushing	0	5.20	252.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0		0.00		
Poultry Farms	1876	6.00	600.00		9.48	0.00	13.56	0.00	5.69	0.81	0.00	0.05	0.00	6.55	0.00	6.55	0.00	0.00	0.00	0.00	0		6.57		
Mushroom & Rabbit, Sheep & Goat Farms	0	6.30	720.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0		0.00		
Seasonal Industries	0	7.40	720.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0		0.00		
<b>Category IV - Cottage Industries</b>	5898				8.19	0.00	14.78	0.00	3.27	0.35	0.00	0.32	0.00	3.94	0.00	3.94	0.00	0.00	0.00	0.00	0		3.96		
Cat -IV(A) - Cottage Industr. Upto 10 HP	5859	4.00	240.00		8.12	0.00	14.68	0.00	3.25	0.35	0.00	0.31	0.00	3.91	0.00	3.91	0.00	0.00	0.00	0.00	0		3.93		
Cat -IV(B) - Agro Based Activity upto 10 HP	39	4.00	240.00		0.06	0.00	0.10	0.00	0.03	0.00	0.00	0.00	0.00	0.03	0.00	0.03	0.00	0.00	0.00	0.00	0		0.03		
<b>Category V (A &amp; B) - Irrig &amp; Agriculture</b>	1266966				7838.69	0.00	0.00	6418445.15	0.55	0.04	0.00	44.46	0.00	44.05	0.00	45.05	0.00	0.00	0.00	0.00	11		56.38		
<b>Category V(A+B) - Agriculture</b>	1266759				7837.30	0.00	0.00	6416836.65	0.00	0.00	0.00	44.45	0.00	44.45	0.00	44.45	0.00	0.00	0.00	0.00	11		55.77		
<b>Cat V(A) - Agriculture (DSM measures mandatory)</b>	1266759				7837.30	0.00	0.00	6416836.65	0.00	0.00	0.00	44.45	0.00	44.45	0.00	44.45	0.00	0.00	0.00	0.00	11		55.77		
Corporate Farmers	0	2.50			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0		0.00		
Other than Corporate Farmers	1266759	0.00			7837.30	0.00	0.00	6416836.65	0.00	0.00	0.00	44.45	0.00	44.45	0.00	44.45	0.00	0.00	0.00	0.00	11		55.77		
<b>Category VI - Street Lighting &amp; PWS</b>	207				1.39	0.00	0.00	1608.50	0.55	0.04	0.00	0.01	0.00	0.60	0.00	0.60	0.00	0.00	0.00	0.00	0		0.60		
Horticulture Nurseries upto 15 HP	207	4.00	240		1.39	0.00	0.00	1608.50	0.55	0.04	0.00	0.01	0.00	0.60	0.00	0.60	0.00	0.00	0.00	0.00	0		0.60		
<b>Category VI - Street Lighting &amp; PWS</b>	23849				334.83	0.00	79.33	124363.69	186.04	7.82	0.00	4.42	0.00	198.29	0.00	198.29	0.00	0.00	0.00	0.00	0		198.77		
<b>VI(A) - Street Lighting</b>	43696																								



Consumer Categories	No of consumers	Components of tariff			Relevant sales related data				Full year revenue excluding external subsidy							Subsidy		Grid Support Charges		Total Revenue (Net of Incentives) (Rs. Crs)	Remarks		
		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)	Incentives (Rs. Crs)	Net Revenue from Tariff (Rs. Crores)	Surcharge (Rs. Crs)	Additional Surcharge (Rs. Crs)	Grid Support Charges (Rs. Crs)			Direct	Apportioned
<b>LT Total - (Existing Categories)</b>	<b>5754111</b>				<b>13261</b>	<b>0.00</b>	<b>4283.86</b>	<b>6864262.07</b>	<b>2621.07</b>	<b>90.39</b>	<b>0.00</b>	<b>240.92</b>	<b>0.00</b>	<b>2952.38</b>	<b>0.00</b>	<b>2952.38</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>15.05</b>	<b>2967.44</b>	
<b>Category - Domestic (All)</b>	<b>3890725</b>		<b>0.00</b>	<b>0.00</b>	<b>4259</b>	<b>0</b>	<b>2963.71</b>	<b>0</b>	<b>1475.49</b>	<b>0.00</b>	<b>0.00</b>	<b>157.02</b>	<b>0.00</b>	<b>1632.51</b>	<b>0.00</b>	<b>1632.51</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>4.83</b>	<b>1637.35</b>	
<b>Cat I (A) Domestic up to 100 units/month</b>	<b>2904823</b>				<b>1762</b>	<b>0.00</b>	<b>1586.04</b>	<b>0.00</b>	<b>301.98</b>	<b>0.00</b>	<b>0.00</b>	<b>92.96</b>	<b>0.00</b>	<b>394.94</b>	<b>0.00</b>	<b>394.94</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>2.00</b>	<b>396.94</b>	
0 - 50 units	1752123	1.45			1358		830		196.85			52		248.80		248.80					2	250.34	
51 - 100 units	1152700	2.60			404		756		105.13			41		146.15		146.15					0	146.60	
<b>Cat I (B) Domestic &gt; 100 &lt;=200 units/month</b>	<b>691809</b>				<b>1364</b>	<b>0.00</b>	<b>883</b>	<b>0.00</b>	<b>497.21</b>	<b>0.00</b>	<b>0.00</b>	<b>41</b>	<b>0.00</b>	<b>538.23</b>	<b>0.00</b>	<b>538.23</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>2</b>	<b>539.75</b>	
0 - 100 units	0	3.30			894		0		295.04			0		295.04		295.04					1	295.05	
101 - 200 units	691809	4.30			470		883		202.18			41		243.20		243.20					1	243.73	
<b>Category I (B) (ii) Domestic &gt; 200 units/month</b>	<b>294093</b>				<b>1133</b>	<b>0.00</b>	<b>495</b>	<b>0.00</b>	<b>676.30</b>	<b>0.00</b>	<b>0.00</b>	<b>23</b>	<b>0.00</b>	<b>699.34</b>	<b>0.00</b>	<b>699.34</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>1</b>	<b>700.62</b>	
0 - 200 units	0	5.00			760		0		380.07			0		380.07		380.07					1	380.33	
201 - 300 units	205151	7.20			206		284		148.31			15		162.91		162.91					0	163.14	
301 - 400 units	50304	8.50			72		99		61.29			5		66.07		66.07					0	66.15	
401 - 800 units	34068	9.00			65		89		58.38			3		61.61		61.61					0	61.69	
More than 800 units	4570	9.50			30		23		28.25			0		28.68		28.68					0	28.72	
<b>Category II - Non-domestic/Commr I (A, B, C &amp; D)</b>	<b>407893</b>				<b>820</b>	<b>0.00</b>	<b>815</b>	<b>0.00</b>	<b>742.90</b>	<b>55.05</b>	<b>0.00</b>	<b>25</b>	<b>0.00</b>	<b>822.53</b>	<b>0.00</b>	<b>822.53</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>1</b>	<b>823.46</b>	
<b>Category II - Non-domestic/Commr I (A &amp; B)</b>	<b>402213.00</b>				<b>816.88</b>	<b>0.00</b>	<b>808.59</b>	<b>0.00</b>	<b>742.04</b>	<b>54.71</b>	<b>0.00</b>	<b>24.25</b>	<b>0.00</b>	<b>821.03</b>	<b>0.00</b>	<b>821.03</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.93</b>	<b>821.96</b>	
<b>Lt - II (A)-Up to 50 Units/Month</b>	<b>251430</b>				<b>52</b>	<b>0.00</b>	<b>301</b>	<b>0.00</b>	<b>31.31</b>	<b>18.07</b>	<b>0.00</b>	<b>13</b>	<b>0.00</b>	<b>62.79</b>	<b>0.00</b>	<b>62.79</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0</b>	<b>62.85</b>	
0-50 units	251430	6.00	600.00		52		301		31.31	18.07		13		62.79		62.79					0	62.85	
<b>LT - II (B): Above 50 Units/Month</b>	<b>150783</b>				<b>765</b>	<b>0.00</b>	<b>507</b>	<b>0.00</b>	<b>710.74</b>	<b>36.63</b>	<b>0.00</b>	<b>11</b>	<b>0.00</b>	<b>758.24</b>	<b>0.00</b>	<b>758.24</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>1</b>	<b>759.11</b>	
0 to 100 units	65013	7.50	720.00		154		81		115.75	5.80		4		125.79		125.79					0	125.96	
101 to 300 units	51829	8.90	720.00		109		115		96.93	8.26		4		109.18		109.18					0	109.31	
301 to 500 units	14513	9.40	720.00		86		51		83.12	3.70		1		87.94		87.94					0	88.04	
More than 500 units	19428	10.00	720.00		413		261		412.84	18.76		1		433.10		433.10					0	433.57	
<b>LT-II (C) Advertisement Hoardings</b>	<b>336</b>	<b>12.00</b>	<b>720.00</b>		<b>2</b>		<b>1</b>		<b>2.10</b>	<b>0.10</b>		<b>0</b>		<b>2.23</b>		<b>2.23</b>					<b>0</b>	<b>2.24</b>	
<b>LT-II (D) Haircutting Salons consuming upto 200 ur</b>	<b>5344</b>				<b>1</b>	<b>0.00</b>	<b>5</b>	<b>0.00</b>	<b>0.86</b>	<b>0.34</b>	<b>0.00</b>	<b>0</b>	<b>0.00</b>	<b>1.50</b>	<b>0.00</b>	<b>1.50</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0</b>	<b>1.50</b>	
0 to 50 units	3897	5.30	720.00		1		3		0.39	0.24		0		0.84		0.84					0	0.84	
51 to 100 units	1000	6.60	720.00		0		1		0.27	0.06		0		0.40		0.40					0	0.40	
101 to 200 units	447	7.50	720.00		0		1		0.20	0.04		0		0.27		0.27					0	0.27	
<b>Category III - Industrial</b>	<b>21333</b>				<b>251</b>	<b>0.00</b>	<b>363</b>	<b>0.00</b>	<b>167.19</b>	<b>25.89</b>	<b>0.00</b>	<b>6</b>	<b>0.00</b>	<b>199.23</b>	<b>0.00</b>	<b>199.23</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0</b>	<b>199.52</b>	
<b>Category III - Industrial</b>	<b>21333</b>				<b>251</b>	<b>0.00</b>	<b>363</b>	<b>0.00</b>	<b>167.19</b>	<b>25.89</b>	<b>0.00</b>	<b>6</b>	<b>0.00</b>	<b>199.23</b>	<b>0.00</b>	<b>199.23</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0</b>	<b>199.52</b>	
Industrial Normal	19280	6.70	720.00		240		348		160.85	25.02		6		191.98		191.98					0	192.25	
Pisciculture/Prawn culture	140	5.20	252.00		0		1		0.54	0.04		0		0.58		0.58					0	0.58	
Sugarcane Crushing	0	5.20	252.00		0		0		0.00	0.00		0		0.00		0.00					0	0.00	
Poultry Farms	1913	6.00	600.00		10		14		5.80	0.83		0		6.68		6.68					0	6.69	
Mushroom & Rabbit/Sheep & Goat Farms	0	6.30	720.00		0		0		0.00	0.00		0		0.00		0.00					0	0.00	
Seasonal Industries	0	7.40	720.00		0		0		0.00	0.00		0		0.00		0.00					0	0.00	
<b>Category IV - Cottage Industries</b>	<b>6021</b>				<b>9</b>	<b>0.00</b>	<b>15</b>	<b>0.00</b>	<b>3.43</b>	<b>0.36</b>	<b>0.00</b>	<b>0</b>	<b>0.00</b>	<b>4.12</b>	<b>0.00</b>	<b>4.12</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0</b>	<b>4.13</b>	
Cat -IV(A) - Cottage Industr. Upto 10 HP	5981	4.00	240.00		9		15		3.40	0.36		0		4.08		4.08					0	4.09	
Cat -IV(B) - Agro Based Activity upto 10 HP	40	4.00	240.00		0		0		0.03	0.00		0		0.03		0.03					0	0.03	
<b>Category V (A &amp; B) - Irrig &amp; Agriculture</b>	<b>1331184</b>				<b>7525</b>	<b>0.00</b>	<b>0</b>	<b>6739535.15</b>	<b>0.53</b>	<b>0.04</b>	<b>0.00</b>	<b>47</b>	<b>0.00</b>	<b>47.34</b>	<b>0.00</b>	<b>47.34</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>9</b>	<b>55.88</b>	
<b>Category V(A+B) - Agriculture</b>	<b>1330962</b>				<b>7524</b>	<b>0.00</b>	<b>0</b>	<b>6737851.65</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>47</b>	<b>0.00</b>	<b>46.76</b>	<b>0.00</b>	<b>46.76</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>9</b>	<b>55.30</b>	
<b>Cat V(A) - Agriculture (DSM measures mandatory)</b>	<b>1330962</b>				<b>7524</b>	<b>0.00</b>	<b>0</b>	<b>6737851.65</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>47</b>	<b>0.00</b>	<b>46.76</b>	<b>0.00</b>	<b>46.76</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>9</b>	<b>55.30</b>	
Corporate Farmers	0	2.50			0		0		0.00	0.00		0		0.00		0.00					0	0.00	
Other than Corporate Farmers	1330962	0.00			7524		0		6737852	0.00		47		46.76		46.76					9	55.30	
<b>Category LT V(B) - Others</b>	<b>222</b>				<b>1</b>	<b>0.00</b>	<b>0</b>	<b>1683.50</b>	<b>0.53</b>	<b>0.04</b>	<b>0.00</b>	<b>0</b>	<b>0.00</b>	<b>0.58</b>	<b>0.00</b>	<b>0.58</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0</b>	<b>0.58</b>	
Horticulture Nurseries upto 15 HP	222	4.00		240	1		0		1684	0.53		0		0.58		0.58					0	0.58	
									0.00	0.00		0		0.00		0.00					0	0.00	
<b>Category VI - Street Lighting &amp; PWS</b>	<b>74064</b>				<b>341</b>	<b>0.00</b>	<b>80</b>	<b>124726.92</b>	<b>189.34</b>	<b>7.84</b>	<b>0.00</b>	<b>4</b>	<b>0.00</b>	<b>201.62</b>	<b>0.00</b>	<b>201.62</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0</b>	<b>202.01</b>	
<b>VII(A) - Street Lighting</b>	<b>43823</b>				<b>110</b>	<b>0.00</b>	<b>80</b>	<b>0.00</b>	<b>70.15</b>	<b>3.06</b>	<b>0.00</b>	<b>3</b>	<b>0.00</b>	<b>75.83</b>	<b>0.00</b>	<b>75.83</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0</b>	<b>75.95</b>	
Panchayats	32936	6.10	384		70		53		42.59	2.05		2		46.62		46.62					0	46.69	
Municipalities	5756	6.60																					



[Index sheet](#)

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	Remarks						
								Base Year	2019-20	2020-21	2021-22	2022-23	2023-24	
Aggregate Revenue Requirement (Rs. Crs.)	<a href="#">Form 1</a>	12880.65	13167.95	13513.00	15073.75	18183.37	0.00							
Total Revenue		5502.11	7886.67	6889.06	7203.62	10732.16	0.00							
Revenue from Current Tariffs (Net of incentives) (Rs. Crs.)	<a href="#">Form 5</a>	5467.78	7844.97	6853.44	7174.79	10702.75	0.00							
Non - Tariff Income (Rs. Crs.)	<a href="#">Form 6'</a>	34.34	41.69	35.62	28.83	29.41	0.00							
Revenue from Trading (Rs. Crs.)	<a href="#">Form 1.4 b</a>	0.00	0.00	0.00	0.00	0.00	0.00							
<b>Revenue Deficit (-) / Surplus(+) at Current Tariffs (Rs. Crs.)</b>		<b>-7378.54</b>	<b>-5281.28</b>	<b>-6623.94</b>	<b>-7870.13</b>	<b>-7451.21</b>	<b>0.00</b>							





**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	Remarks						
								Base Year	2019-20	2020-21	2021-22	2022-23	2023-24	
Recoveries from theft of power or malpractices		8.83	13.22	7.29	0.00	0.00	0.00							
Power Purchase Rebates earned		0.15	0.29	0.06	0.00	0.00	0.00							
Miscellaneous / Other Income		3.54	9.84	13.05	13.31	13.58	0.00							
Reconnection Fee LT & HT		9.03	8.11	4.81	4.91	5.01	0.00							
Application Registration Fee		1.64	0.55	0.09	0.09	0.09	0.00							
Supervision Charges from customers		2.17	0.74	0.38	0.38	0.39	0.00							
Capacitor Charges		8.74	8.87	9.86	10.06	10.26	0.00							
Meter or Transformer Testing / Shifting Charges		0.24	0.08	0.07	0.07	0.08	0.00							
<b>Total Non tariff income</b>		<b>34.34</b>	<b>41.69</b>	<b>35.62</b>	<b>28.83</b>	<b>29.41</b>	<b>0.00</b>							

Consumer Category	Detail Links	Cost of Service	Revenue from Tariff & Charges	(Class Deficit) / Class Surplus (=Revenue from Tariff & Charges - CoS)	External Subsidy	Cross Subsidy	Remarks
<b>LT Category</b>		<b>11826.11</b>	<b>2967.44</b>	<b>-8858.67</b>	<b>0.00</b>	<b>-8858.67</b>	
Category I (A&B) - Domestic		3800.77	1637.35	-2163.42		-2163.42	
Category II (A, B, C & D) - Non-domestic/Commercial		674.78	823.46	148.69		148.69	
Category III - Industrial		196.80	199.52	2.72		2.72	
Cat IV- Cottage Industries, Dhobighats & Others		8.83	4.13	-4.70		-4.70	
Category V (A & B) - Irrig & Agriculture		6745.13	55.88	-6689.25		-6689.25	
Category VI - Local Bodies, St. Lighting & PWS		343.88	202.01	-141.87		-141.87	
Category VII General Purpose (A&B) & Temporary Supply		55.92	45.09	-10.83		-10.83	
<b>HT Category at 11 KV</b>		<b>1255.66</b>	<b>1534.15</b>	<b>278.48</b>	<b>0.00</b>	<b>278.48</b>	
HT-I Industry Segregated		565.17	788.40	223.22		223.22	
HT-I (B) Ferro-Alloys		0.00	0.00	0.00		0.00	
HT-II - Others		83.36	139.90	56.54		56.54	
HT-III Airports, Railways and Bustations		4.24	6.61	2.37		2.37	
HT-IV (A) Lift Irrigation and Agriculture & IV(B) CPWS		113.53	102.07	-11.45		-11.45	
HT-VI Townships and Residential Colonies		5.38	5.94	0.57		0.57	
HT-VII Temporary Supply & EV Charging Stations		16.19	32.38	16.19		16.19	
HT- RESCOs		467.80	458.85	-8.95		-8.95	
<b>HT Category at 33 KV</b>		<b>343.66</b>	<b>404.77</b>	<b>61.10</b>	<b>0.00</b>	<b>61.10</b>	
HT-I Industry Segregated		85.41	122.37	36.96		36.96	
HT-I (B) Ferro-Alloys		32.05	35.08	3.04		3.04	
HT-II - Others		6.02	10.19	4.16		4.16	
HT-III Airports, Railways and Bustations		0.00	0.00	0.00		0.00	
HT-IV (A) Lift Irrigation and Agriculture & IV(B) CPWS		191.03	192.77	1.74		1.74	
HT-VI Townships and Residential Colonies		20.63	25.39	4.77		4.77	
HT - VII Temporary Supply		8.53	18.96	10.43		10.43	
<b>HT Category at 132 KV</b>		<b>4757.92</b>	<b>5825.81</b>	<b>1067.89</b>	<b>0.00</b>	<b>1067.89</b>	
HT-I Industry Segregated		302.69	367.51	64.81		64.81	
HT-I (B) Ferro-Alloys		0.00	0.00	0.00		0.00	
HT-II - Others		3.56	8.88	5.32		5.32	
HT-III Airports, Railways and Bustations		0.00	0.00	0.00		0.00	
HT-IV (A) Lift Irrigation and Agriculture & IV(B) CPWS		4162.86	5131.79	968.93		968.93	
HT-V (A) Railway Traction		240.06	252.84	12.78		12.78	
HT-VI Townships and Residential Colonies		48.74	64.79	16.05		16.05	
<b>Total</b>		<b>18183.36</b>	<b>10732.16</b>	<b>-7451.20</b>	<b>0.00</b>	<b>-7451.20</b>	

**APPENDIX –D**  
***COST OF SERVICE (CoS) FILING***  
**FORMATS**

**Form 2 Aggregate Revenue Requirement for Retail Supply Business**

Revenue Requirement Item		FY2022-23				Remarks FY 2022-23
		Amount (Rs crores)	Cost Allocation			
			Demand	Energy	Customer	
1	Transmission Cost	1005.43	1005.43	0.00	0.00	
2	SLDC Cost	13.23	13.23	0.00	0.00	
3	Distribution Cost	3,601	3,085	0.00	516.51	
4	PGCIL Expenses	484.45	484.45	0.00	0.00	
5	ULDC Charges	0.00	0.00			
<b>6</b>	<b>Network and SLDC Cost (1+2+3+4+5)</b>	<b>5104.36</b>	<b>4587.85</b>	<b>0.00</b>	<b>516.51</b>	
7	Power Purchase / Procurement Cost	13,004	4,619	8353.81	30.80	
8	Interest on Consumer Security Deposits	49	-	49.08	0.00	
9	Supply Margin in Retail Supply Business	26	-	0.00	26.04	
10	Other Costs, if any	-	-	0.00	0.00	
<b>11</b>	<b>Supply Cost (7+8+9+10)</b>	<b>13079.00</b>	<b>4619.27</b>	<b>8402.90</b>	<b>56.83</b>	
<b>12</b>	<b>Aggregate Revenue Requirement (6+11)</b>	<b>18183.36</b>	<b>9207.12</b>	<b>8402.90</b>	<b>573.34</b>	

## Form 3

Particulars	FY2022-23				Remarks
	Amount (Rs crores)	% allocation			FY2022-23
		Demand	Energy	Customer	
<b>Total Power Purchase Cost</b>	13003.88				
Fixed Cost	4,619	100.00%	-	-	
VariAFle Cost	8,354	-	100.00%	-	
Incentive					
Income Tax					
Others	31	-	-	100.00%	
<b>Interest on Consumer Security Deposits</b>	49	-	100.00%	-	
<b>Supply Margin in Retail Supply Business</b>	26	-	-	100.00%	
<b>Other Costs, if any</b>	-	-	100.00%	-	
<b>Total Supply Cost</b>	13079.00				

Cost Allocation Factor

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			
<b>LT Category</b>	<b>13261.33</b>	<b>9404.60</b>	<b>5754111</b>	<b>9404.60</b>	<b>87.93%</b>	<b>88.12%</b>	<b>89.321%</b>	<b>88.08%</b>				<b>11826.11</b>	<b>8.92</b>	
Category I Domestic	4,259.0	2,964	38,90,725	2,964	28.25%	25.70%	25.45%	25.11%	86.13%	90.35%	82.61%	3801	8.92	
Category II - Non-domestic/Commercial	819.8	815	4,07,893	815	5.44%	5.61%	4.81%	5.14%	100.00%	100.00%	98.97%	675	8.23	
Category III (A & B) - Industrial	250.8	363	21,333	363	1.66%	1.64%	1.47%	1.57%	100.00%	100.00%	98.97%	197	7.85	
Category IV - Cottage Industries & Dhobighats	8.6	15	6,021	15	0.06%	0.07%	0.05%	0.08%	62.04%	57.94%	89.23%	9	10.29	
Category V Agriculture	7,525.1	5,028	13,31,184	5,028	49.91%	51.26%	55.69%	53.73%	79.14%	100.00%	89.38%	6745	8.96	
Category VI - Local Bodies, St. Lighting & PWS	340.8	173	74,064	173	2.26%	3.32%	1.59%	2.13%	50.21%	41.29%	51.07%	344	10.09	
Category VII (A & B) - General & Religious Purposes	57.2	48	22,891	48	0.35%	0.51%	0.27%	0.33%	50.21%	41.29%	51.07%	56	9.77	
<b>HT Category at 11 KV</b>	<b>2330.86</b>	<b>895.73</b>	<b>3155</b>	<b>895.73</b>	<b>12.07%</b>	<b>11.88%</b>	<b>10.68%</b>	<b>11.92%</b>				<b>1255.66</b>	<b>5.39</b>	
HT-I Industry Segregated	960.76	443.73	2187.00	443.73	4.98%	4.51%	4.40%	4.70%	100.00%	100.00%	99.32%	565	5.88	
HT-II Industrial Non-Segregated	133	88.79	543.00	88.79	0.69%	0.63%	0.60%	0.70%	86.75%	86.31%	94.20%	83	6.25	
HT-III Railway Stations, Bus Stations & Airports	7.378	3	20.00	3	0.04%	0.04%	0.03%	0.04%	78.78%	72.46%	78.16%	4	5.75	
HT-IV Lift Irrigation Schemes & Agriculture	182.19	106	330.00	106	0.94%	0.89%	0.95%	0.95%	86.07%	98.58%	91.39%	114	6.23	
Composite Public Water Supply Schemes														
HT-VI Townships and Residential Colonies	8.79	5	18.00	5	0.05%	0.04%	0.04%	0.04%	83.74%	93.33%	84.27%	5	6.12	
HT-VII - Green Power														
RESCOs	1,012.6	231	1	231	5.24%	5.60%	4.53%	5.35%	78.68%	77.71%	85.60%	468	4.62	
Temporary Supply	25.8	18	56	18	0.13%	0.17%	0.12%	0.14%	85.60%	100.00%	100.00%	16	6.28	
HT IX-Electric Vehicle Charging Stations														
<b>HT Category at 33 KV</b>	<b>648.65</b>	<b>233.48</b>	<b>132</b>	<b>233.48</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>		<b>568.20%</b>	<b>554.25%</b>	<b>343.66</b>	<b>5.30</b>	
HT-I Industry Segregated	159.20	65	47.00	65	-	-	-	-	92.14%	97.62%	95.65%	85	5.37	
HT-I (B) Ferro-Alloys	63.65	11	2.00	11	-	-	-	-	92.67%	96.00%	92.73%	32	5.03	
HT-II Industrial Non-Segregated	10.41	8	18.00	8	-	-	-	-	89.59%	96.06%	92.37%	6	5.79	
HT-III Railway Stations, Bus Stations & Airports	0.00	-	0.00	-	-	-	-	-	-	-	-	-	-	
HT-IV Lift Irrigation Schemes & Agriculture	362.10	126	49.00	126	-	-	-	-	93.14%	98.11%	95.70%	191	5.28	
Composite Public Water Supply Schemes	-	-	0.00	-	-	-	-	-	0%	-	-	-	-	
HT-VI Townships and Residential Colonies	38.5	15	7.00	15	-	-	-	-	81.79%	90.26%	82.30%	21	5.36	
Temporary Supply	14.8	9	9.00	9	-	-	-	-	76.64%	90.13%	95.51%	9	5.76	
<b>HT Category at 132 KV</b>	<b>9663.81</b>	<b>2779.68</b>	<b>67.00</b>	<b>2779.68</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>		<b>473.79%</b>	<b>468.06%</b>	<b>4757.92</b>	<b>4.92</b>	
HT-I Industry Segregated	610.82	199	16.00	199	-	-	-	-	92.45%	92.14%	94.72%	303	4.96	
HT-I (B) Ferro-Alloys	0.00	-	0.00	-	-	-	-	-	-	-	-	-	-	
HT-II Industrial Non-Segregated	3.40	18	6.00	18	-	-	-	-	89.59%	91.96%	92.52%	4	10.46	
HT-III Railway Stations, Bus Stations & Airports	0.00	-	0.00	-	-	-	-	-	-	-	-	-	-	
HT-IV Lift Irrigation Schemes & Agriculture	8469.89	2,379	32.00	2,379	-	-	-	-	97.27%	97.92%	100.00%	4,163	4.91	
Composite Public Water Supply Schemes	-	-	0	-	-	-	-	-	0%	-	-	-	-	
HT-V (A) Railway Traction	480.48	154.0000	11.00	154.0000	-	-	-	-	94%	97.85%	97.53%	240	5.00	
HT-V (B) HMR	0.00	-	0.00	-	-	-	-	-	-	-	-	-	-	
HT-VI Townships and Residential Colonies	99.2	30	2	30	-	-	-	-	100%	93.93%	83.29%	49	4.91	
<b>HT Category</b>	<b>12643</b>	<b>3909</b>	<b>3354</b>	<b>3909</b>	<b>12.07%</b>	<b>11.88%</b>	<b>10.68%</b>	<b>11.92%</b>				<b>6357</b>	<b>5.03</b>	
<b>Total</b>	<b>25904.66</b>	<b>13313</b>	<b>5757465</b>	<b>13313</b>	<b>100.00%</b>	<b>100.00%</b>	<b>100.00%</b>	<b>100.00%</b>				<b>18183</b>	<b>7.02</b>	

2022-23

Particulars	FY 2020-21	FY 2021-22	FY 2022-23	Remarks		
				FY 2020-21	FY 2021-22	FY 2022-23
Total Installed Generation Capacity - Discom's Share (MW)			6068.93			
Transmission Contracts of Discoms with APTransco (MW/MVA)			6472.46			
Transmission Contracts of Discoms with PGCIL (MW/MVA)			1320.97			
Discom's Share in CGS (MW)			779.26			
Discom's NCP (MW)			3762.00			
Discom's CP (MW)			<b>3419.23</b>			



[Index](#)

Form 6		Percentage Losses	
Particulars	FY2022-23	Remarks	
		FY2022-23	
<b>Energy Losses %</b>			
Technical LT Losses	2.39%		
Technical HT Losses (11 kV)	3.35%		
Technical HT Losses (33 kV)	3.50%		
<b>Total Technical Losses</b>	<b>9.24%</b>		
Commercial LT Losses	1.29%		
Commercial HT Losses (11 kV)	0.18%		
Commercial HT Losses (33 kV)	-		
<b>Total Commercial Losses</b>	<b>1.46%</b>		
<b>Total Energy Losses</b>	<b>10.71%</b>		
<b>Demand Losses %</b>			
Technical LT Losses	8.05%		
Technical HT Losses (11 kV)	0.69%		
Technical HT Losses (33 kV)	0.12%		
<b>Total Technical Losses</b>	<b>8.86%</b>		
Commercial LT Losses	0.86%		
Commercial HT Losses (11 kV)	0.11%		
Commercial HT Losses (33 kV)	-		
<b>Total Commercial Losses</b>	<b>0.97%</b>		
<b>Total Demand Losses</b>	<b>9.83%</b>		
<b>Transmission loss %</b>	<b>3.70%</b>		
TSTransco Losses	2.57%		
PGCIL Losses	3.24%		
Total Transmission Losses %	3.70%		

Form 7					
Asset	FY 2022-23				
	Total Assets Rs crores	% allocation			FY 2022-23
		Demand	Energy	Customer	
<b>Assets Base for Discom</b>					
Land & Rights	1.75	80.00	0.00	20.00	
Buildings	113.05	80.00	0.00	20.00	
Hydraulic Works	0.00	80.00	0.00	20.00	
Other Civil Works	298.60	80.00	0.00	20.00	
Plant & Machinery	6026.80	80.00	0.00	20.00	
Lines, CAFle, Network, etc.	5746.01	80.00	0.00	20.00	
Vehicles	4.05	80.00	0.00	20.00	
Furniture and Fixtures	7.75	80.00	0.00	20.00	
Office Equipments	25.03	80.00	0.00	20.00	
Spare parts and other assets	120.54	80.00	0.00	20.00	
Borrowings for Working Capital	0.00	80.00	0.00	20.00	
<b>Less: Contribution, Grants, Subsidies</b>	1474.01	80.00	0.00	20.00	
<b>Total Assets With Adjustments</b>	<b>10,869.59</b>				
<b>Voltage wise-Distribution Assets</b>	<b>12,343.59</b>				
LT	796.56				
11kV	5322.38				
33kV	6224.65				
<b>Assets Base for Generation</b>					
Total Assets					
<b>Assets Base for Transmission</b>					
Total Assets					

**NORTHERN POWER DISTRIBUTION COMPANY  
OF TELANGANA LIMITED**

**(Distribution & Retail Supply Licensee)**



**Filing of Tariff Proposals for Retails Supply Business for  
FY 2022-23 along with Cross Subsidy Surcharge for  
Open Access Consumers for the FY 2022-23**

**December 2021**

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

AT ITS OFFICE AT 5<sup>th</sup> 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 Northern Power Distribution Company of Telangana Limited (‘TSNPDCL’ or ‘the Company’ or ‘the Licensee’) as the Distribution and Retail Supply Licensee**

**In the matter of:**

**NORTHERN 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 **NORTHERN POWER DISTRIBUTION COMPANY OF TELANGANA LIMITED (TSNPDCL)** 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 30<sup>th</sup> 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. 80 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 TSNPDCL 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 FY 2022-23.

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

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

A) **LT CATEGORY:** -

○ **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**

- 0-50 slab – Rs.1.95/unit.
  - 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. 10.00/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 slab
        - 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 Stations**
  - 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)
<b>HT-I(A): Industry-General</b>		
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



Voltage Level	Sub-Category	Proposed Energy Charge (Rs./Unit)
	Lights and Fans	7.15
	Industrial Colonies	7.30
	Seasonal Industries	7.90
	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 months July to November (5 months)  
Demand Charges to be levied on higher of 40% of CMD or RMD for non-operational months 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)
----------	-------------------------------------

<b>Low Tension</b>	
LT-I: Domestic (units/month)	
0-50	40
51-100	70
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 buildings/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/apartment/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/apartment/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-VIII 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 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)
<b>11 kV</b>	
HT-I Industry	1.03
HT-II – Others	2.43
HT-III - Airports, Railway and Bus stations	1.84
HT –IV Irrigation, Agriculture and CPWS	1.73
HT VI: Townships & Residential Colonies	0.53
HT VII: Temporary Supply	3.02
<b>33 kV</b>	
HT-I Industry	1.84
HT-I(B) Ferro Alloys	1.59
HT-II – Others	2.31
HT –IV Irrigation, Agriculture and CPWS	2.15
HT VI: Townships & Residential Colonies	1.71
HT – Temporary Supply	2.76
<b>132 kV</b>	
HT-I Industry	1.47
HT-II – Others	6.31
HT –IV Irrigation, Agriculture and CPWS	1.37
HT-V Railway/HMR Traction	1.30
HT-VI Townships and Residential Colonies	1.65

11. **Additional Surcharge Proposals for FY 2022-23:** The licensee filed petitions before Hon’ble Commission for determination of Additional Surcharge for first Half (H1) of FY 2022-23 on 29.11.2021 in accordance to the TSERC order in OP No. 23 of 2020 dated 18.09.2020.

12. **Revenue with Proposed Tariffs**

Details (Rs. Crs.)	FY 2022-23
<b>LT Category</b>	<b>3532.33</b>
LT-I: Domestic	2032.45
LT-II: Non–Domestic/Commercial	922.80
LT-III: Industry	231.84
LT-IV: Cottage Industries	4.15
LT-V: Agricultural	47.34
LT-VI: Street Lightning & PWS Schemes	241.91
LT-VII: General Purpose	46.18
LT-VIII: Temporary Supply	5.65
LT-IX: Electric Vehicle Charging Stations	-
<b>HT Category</b>	<b>8957.05</b>
HT-I(A): Industry (General)	1354.96

HT-I(A): HMWSSB	167.54
HT-I(B): Ferro-Alloy Units	50.54
HT-II: Others	184.96
HT-III: Airports, Bus Stations and Railway Stations	7.71
HT-IV: Irrigation & CPWS	6141.01
HT-V: Railway Traction	312.93
HT-VI: Townships & Residential Colonies	122.69
HT-VII: Temporary	52.00
HT-VIII: RESCO (Siricilla) 11kv	558.96
HT-IX: Electric Vehicle Charging Stations	3.75
<b>Total (LT+HT)</b>	<b>12489.38</b>

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

<b>Revenue Deficit/Surplus (Rs. in crore)</b>	<b>FY 2022-23</b>
Aggregate Revenue Requirement	<b>18183.37</b>
Revenue from Current Tariffs	10702.75
Non-Tariff Income	29.41
<b>Revenue Deficit(-)/Surplus(+) at Current Tariffs</b>	<b>-7451.21</b>
Revenue changed through proposed tariff	1786.63
Subsidy	4254.15
<b>Net gap – Deficit(-)/Surplus(+)</b>	<b>-1410.44</b>

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 Hon’ble 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.

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.

This filing has been discussed and approved by the Board of Directors of TSNPDCL and Sri A. Gopal Rao, Chairman and Managing Director of TSNPDCL has been authorised to execute and file the said document on behalf of TSNPDCL. Accordingly, the current filing documents are signed and verified by, and backed by the affidavit of Sri A. Gopal Rao, the Chairman and Managing Director of TSNPDCL.

In the aforesaid facts and circumstances, the Applicant requests that this Hon'ble Commission may be pleased to:

- a) Condone the delay in filing of the Retail Supply Tariff proposal for FY 2022-23 and accept the application;
- b) Take the accompanying Tariff and cross subsidy surcharge applications for FY 2022-23 of TSNPDCL on record and treat it as complete;
- c) Grant suitable opportunity to TSNPDCL within a reasonable time frame to file additional material information that may be subsequently available;
- d) Consider and approve TSNPDCL's Tariff application including all requested regulatory treatments in the filing;
- e) Pass such order as the Hon'ble Commission may deem fit and proper in the facts and circumstances of the case.

**NORTHERN POWER DISTRIBUTION COMPANY OF TELANGANA LIMITED**  
(APPLICANT)

Through

CHAIRMAN AND MANAGING DIRECTOR

Place: Hanumakonda

Dated: 27.12.2021.

Chairman & Managing Director  
TSNPDCL / WARRANGAL



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

AT ITS OFFICE AT 5<sup>th</sup> 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 Northern Power Distribution Company of Telangana Limited (‘TSNPDCL’ or ‘the Company’ or ‘the Licensee’) as the Distribution and Retail Supply Licensee**

In the matter of:

**NORTHERN 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 A. Gopal Rao, son of Sri A. Chalapathi Rao, working for gain at the Northern Power Distribution Company of Telangana Limited do solemnly affirm and say as follows:

- 1 I am the Chairman and Managing Director of TSNPDCL, 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 Northern distribution zone in Telangana. On December 27, 2000, the Hon'ble Commission has awarded a Distribution and Retail Supply License to TSNPDCL effected from April 1, 2001. I am competent and duly authorised by TSNPDCL 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 TSNPDCL to submit the application, as per Terms and Conditions of Tariff for Wheeling and Retail Sale of Electricity (Regulation 4 of 2005) of TSNPDCL 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 TSNPDCL. 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
- a) Condone the delay in filing of the Retail Supply Tariff proposal for FY 2022-23 and accept the application;
  - b) Take the accompanying Tariff and cross subsidy surcharge applications for FY 2022-23 of TSNPDCL on record and treat it as complete;
  - c) Grant suitable opportunity to TSNPDCL within a reasonable time frame to file additional material information that may be subsequently available;
  - d) Consider and approve TSNPDCL's Tariff application including all requested regulatory treatments in the filing;
  - e) 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*  
TSNPDCL / WARANGAL.

**VERIFICATION:**

I, the above named Deponent solemnly affirm at Hanumakonda on this 27<sup>th</sup> 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*  
TSNPDCL / WARANGAL.

Solemnly affirmed and signed before me.

**Table of Contents**

<b>1</b>	<b>Tariff proposals</b> .....	<b>2</b>
1.1	Tariff Proposals for FY 2022-23.....	2
<b>2</b>	<b>Other Tariff Proposals</b> .....	<b>27</b>
2.1	Other Tariff Proposals for FY 2022-23 .....	27
2.2	Applicability and Terms & Conditions .....	44
<b>3</b>	<b>Cross Subsidy Surcharge Proposals</b> .....	<b>45</b>
3.1	Legal and Policy position– Cross Subsidy Surcharge.....	45
3.2	CSS Proposals for TSNPDCL for the year 2022-23.....	46
<b>4</b>	<b>Additional Surcharge Proposals for FY 2022-23</b> .....	<b>48</b>
<b>5</b>	<b>Revenue Gap with Proposed Tariffs</b> .....	<b>49</b>
5.1	Revenue with Proposed Tariffs .....	49
5.2	Non-Tariff Income at proposed tariffs .....	50
5.3	Revenue Gap at Proposed tariffs.....	50

## 1 Tariff proposals

### 1.1 Tariff Proposals for FY 2022-23

The table mentioned below, summarizes the Revenue gap for TSNPDCL from FY 2018-19 to FY 2022-23. The revenue gap per unit is expected to decrease from INR 2.26/kWh in FY 2018-19 to INR 1.23/kWh in FY 2022-23.

Year	Units	2018-19	2019-20	2020-21	2021-22	2022-23
		(Actual)	(Actual)	(Actual)	(Estimated)	(Proposed)
<b>Net Deficit / Surplus</b>	INR Cr.	(3878)	(1712)	(2370)	(3616)	(3197)
<b>ABR (incl. subsidy)</b>	INR/kWh	5.24	6.15	5.94	5.74	5.79
<b>ACOS</b>	INR/kWh	7.49	7.07	7.20	7.56	7.02
<b>ACOS-ABR Gap</b>	INR/kWh	(2.26)	(0.92)	(1.26)	(1.81)	(1.23)

- **Power Purchase cost** constitutes ~70-75 % of the total cost and is expected to grow at a CAGR of 7.8%.
  - Power purchase quantum requirement which was 20,042 MUs in FY 2018-19 is expected to increase at a CAGR of 9.6% to 28,923 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 power purchase cost is expected to increase from INR 9,631 Cr. in FY 2018-19 to INR 13,004 in FY 2022-23.
  - The increase in 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 ~25-30% of the total cost and is expected to grow at a CAGR of 12.5%.
  - Transmission and SLDC cost, is expected to grow at a CAGR of 22%, as per the contracted capacities considered in the MYT Order for 4<sup>th</sup> Control Period.
  - Distribution cost is expected to grow at a CAGR of 12%.
  - 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 is expected to grow at 18% 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.
  - Also, the expected revenue gap in FY 2022-23, is subjected to a significant addition in upcoming LIS loads.
  - The ACoS has increased from INR. 6.31 /kWh as approved by the Hon'ble Commission for FY 2018-19 to INR. 7.02 /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. 3,197 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 FY 2022-23 existing tariff: Total fixed cost as a % of total ARR for FY 2022-23 is 54%, however the revenue recovered in terms of fixed charges from consumers as a % of total revenue is only 9%
    - Based on FY 2022-23 proposed tariff: The revenue recovered in terms of fixed charges from consumers as a % of total revenue has increased to 11.7%

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.

**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 Charges 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) LTI (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 the change in the tariffs for this category is Rs. 266 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><b>Applicability</b></p> <ul style="list-style-type: none"> <li>• A consumer who undertakes Non Domestic activity.</li> <li>• A consumer who undertakes Commercial activity.</li> <li>• A Consumer who do not fall in any other LT category i.e., LT-I, LT-III to LT-VIII categories.</li> <li>• 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</li> </ul>	<p><b>Applicability</b></p> <ul style="list-style-type: none"> <li>• A consumer who undertakes Non Domestic activity.</li> <li>• A consumer who undertakes Commercial activity.</li> <li>• A Consumer who do not fall in any other LT category i.e., LT-I, LT-III to <b>LT-IX</b> categories.</li> <li>• 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 &amp; repairing centres (other</li> </ul>

Existing Clause	Proposed Clause
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, <b>godowns (other than cold storage godowns)</b> , 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.	than that of TSRTC), bus depots (other than that of TSRTC), laundries, dry cleaning units, gas/oil storage/transfer stations, warehouses, <b>godowns (including cold storage godowns)</b> , storage units or of such similar nature. <ul style="list-style-type: none"> <li>Educational institutions run by individuals, Non-Government Organizations or Private Trusts including student hostels of such educational institutions.</li> </ul>

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)
<b>LT II(A): up to 50 units/month</b>	<b>50</b>	<b>60</b>	<b>6.00</b>	<b>7.00</b>
<b>LT II(B): Above 50 units/month</b>				
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
<b>LT II(C): Advertisement Hoardings</b>	<b>60</b>	<b>70</b>	<b>12.00</b>	<b>13.00</b>
<b>LT II(D): Haircutting Salons consuming less than 200 units/month</b>				
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. 92 Crores.

### 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"> <li>• 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</li> <li>• Water Works &amp; Sewerage Pumping Stations operated by Government</li> </ul>	<ul style="list-style-type: none"> <li>• Industrial purpose shall mean, supply for purpose of manufacturing, processing , <b><i>also included preserving of finished products/ raw material at factory premises along with manufacturing and/or processing only</i></b> , 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.</li> <li>• Water Works &amp; Sewerage Pumping Stations operated by Government Departments or Co-operative Societies and pump sets of</li> </ul>

<p>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.</p> <ul style="list-style-type: none"> <li>Where the metering is on HT side, 1% of total energy consumed shall be deducted from recorded energy for the purpose of billing.</li> <li>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.</li> <li>No manufacturing/ production certification shall be required for drinking water filtering plants using Reverse Osmosis (R.O.) process.</li> </ul>	<p>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) <b>/any other filtering process likely.</b></p> <ul style="list-style-type: none"> <li>Where the metering is on HT side, 1% of total energy consumed shall be deducted from recorded energy for the purpose of billing.</li> <li>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.</li> <li>No manufacturing/production certification shall be required for drinking water filtering plants using Reverse Osmosis (R.O.) / <b>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.</b></li> </ul>
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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)
<b>LT III: Industry</b>				
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. 32 Crores.

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)
<b>LT VI (A): Street Lighting</b>				
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. 11 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)
<b>LT VI (B): PWS Scheme</b>				
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

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)
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<b>LT VII: General</b>				
<b>LT VII(A): General Purpose</b>	21	21	7.30	8.30
<b>LT VII(B): Wholly Religious Places</b>				
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. 5 Crores

### 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><b>Applicability</b> 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><b>Applicability</b> Construction activities like construction of all types of structures/infrastructure such as residential/commercial buildings (height of 10meters and above), <b>Row houses, Gated communities construction by Real Estates/Firms meant for sale purpose</b>, 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. 0.5 Crores.

### 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/m onth)	Present Energy Charge (Rs/unit)	Proposed Energy Charge (Rs/unit)
LT IX: Electric Vehicle Charging Stations	-	50	6.00	7.00

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	This tariff is applicable for supply to all HT consumers using electricity for industrial purpose Industrial purpose shall mean, supply for purpose of manufacturing,

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 illustrative but not exhaustive) not withstanding any manufacturing processing or preserving goods for sale.	<i>processing , also included preserving of finished products/ raw material at factory premises along with manufacturing and/or processing only</i> , 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 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.245 Crores.

#### **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 -I Industrial Category)

#### **Proposed vis-à-vis Present 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. 15 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(d)) as:



Existing Clause	Modified Clause
<p>All HT Consumers other than those covered under HT Categories I and III to VII</p> <p>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, timber depots, photo studios, printing presses, all servicing &amp; 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.</p>	<p>All HT Consumers other than those covered under HT Categories I and III to IX</p> <p>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 &amp; 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.</p>

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. 26 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. 1 Crores.

#### 1.1.13 HT IV– Irrigation and Agriculture

##### 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. 673 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. 51 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. 61 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)
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132 KV and above	390	475	3.95	4.95
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### 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. 27 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><b>Applicability</b> 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</p>	<p><b>Applicability</b> Construction activities like construction of all types of structures/infrastructure such as residential/commercial buildings (height of 10meters and above), <b>Row houses, Gated communities construction by Real Estates/Firms meant for sale purpose</b>, bridges, fly-overs, dams, power stations, roads, aerodromes, tunnels for laying of</p>

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.	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.
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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. 4 Crores.

**1.1.18 HT VIII – RESCO (Siricilla)**

The licensee proposes to make the following changes to the energy charges for this category

The expected revenue gain due to the change in the tariff structure for this category is Rs. 101 Crores

**Proposed vis-à-vis Present Energy Charges structure**

Voltage Type	Present Energy Charge (Rs/unit)	Proposed Energy Charge (Rs/unit)
11 KV	4.52	5.52

**1.1.19 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. 0.8 Crores.

The licensee also proposes monthly minimum energy charges for all voltage levels as 25 units per kVA of billing demand per month.

#### 1.1.20 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.

#### 1.1.21 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)
<b>LT-I Domestic</b>					
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
<b>LT II: Non Domestic/Commercial</b>					
LT II (A): Upto 50 Units/Month					

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)
0-50	kW	50	6.00	60	7.00
<b>LT II (B): Above 50 Units/Month</b>					
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
<b>LT-II(D): Haircutting Salons consuming upto 200 Units/Month</b>					
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
<b>LT-III: Industry</b>					
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
<b>LT-IV: Cottage Industries</b>					
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/Mont h	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/Mont h	4.00
<b>LT-V: Agriculture</b>					
<b>LT-V(A): Agriculture (DSM Measures Mandatory)</b>					
Corporate Farmers	HP	-	2.50	-	2.50
Other than Corporate Farmers	HP	-	0.00	-	0.00
<b>LT-V(B): Others</b>					
Horticulture Nurseries with CL upto 15 HP	HP	20	4.00	20/HP	4.00
<b>LT-VI: Street Lighting and PWS Schemes</b>					
<b>LT-VI(A): Street Lighting</b>					
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
<b>LT-VI(B): PWS Schemes</b>					

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)
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		6.60		7.60
<b>LT-VII: General</b>					
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
<b>HT-I: Industry</b>					
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
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



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		-	6.65	-	7.65
<b>HT I: Time of Day Tariffs (6 PM to 10 PM)</b>					
11 kV		-	7.65	-	8.65
33 kV		-	7.15	-	8.15
132 kV & above		-	6.65	-	7.65
<b>HT I: Time of Day Tariffs (10 PM to 6 AM)</b>					
11 kV		-	5.65	-	7.15
33 kV		-	5.15	-	6.65
132 kV & above		-	4.65	-	6.15
<b>HT I (A): Poultry Farms – Time of Day Tariffs (6 AM to 10 AM)</b>					
11 kV		-	7.65		8.65
33 kV		-	7.15		8.15
<b>HT I (A): Poultry Farms – Time of Day Tariffs (6 PM to 10 PM)</b>					
11 kV		-	7.65		8.65
33 kV		-	7.15		8.15
<b>HT I (A): Poultry Farms – Time of Day Tariffs (10 PM to 6 AM)</b>					
11 kV		-	5.65		7.15
33 kV		-	5.15		6.65
<b>HT-I(B): Ferro Alloy Units</b>					
11 kV		-	5.90	475	7.65
33 kV		-	5.50	475	7.15
132 kV & above		-	5.00	475	6.65
<b>HT-II: Others</b>					
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
<b>HT-II: Time of Day Tariffs (6 AM to 10 AM)</b>					
11 kV		-	8.80	-	9.80
33 kV		-	8.00	-	9.00
132 kV & above		-	7.80	-	8.80
<b>HT-II: Time of Day Tariffs (6 PM to 10 PM)</b>					
11 kV		-	8.80	-	9.80
33 kV		-	8.00	-	9.00
132 kV & above		-	7.80	-	8.80
<b>HT-II: Time of Day Tariffs (10 PM to 6 AM)</b>					
11 kV		-	6.80	-	8.30
33 kV		-	6.00	-	7.50
132 kV & above		-	5.80	-	7.30
<b>HT-III: Airports, Bus Stations and Railway Stations-</b>					
11 kV	kVA	390	7.50	475	8.50

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	kVA	390	6.85	475	7.85
132 kV & above	kVA	390	6.45	475	7.45
<b>HT-III: Time of Day Tariffs (6 AM to 10 AM)</b>					
11 kV		-	8.50	-	9.50
33 kV		-	7.85	-	8.85
132 kV & above		-	7.45	-	8.45
<b>HT-III: Time of Day Tariffs (6 PM to 10 PM)</b>					
11 kV		-	8.50	-	9.50
33 kV		-	7.85	-	8.85
132 kV & above		-	7.45	-	8.45
<b>HT-III: Time of Day Tariffs (10 PM to 6 AM)</b>					
11 kV		-	6.50	-	8.00
33 kV		-	5.85	-	7.35
132 kV & above		-	5.45	-	6.95
<b>HT-IV(A): Irrigation &amp; Agriculture</b>					
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
<b>HT-IV(B): CP Water Supply Schemes</b>					
11 kV	kVA	-	5.10	-	6.10
33 kV	kVA	-	5.10	-	6.10
132 kV & above	kVA	-	5.10	-	6.10
<b>HT-V: Railway Traction &amp; HMR</b>					
HT-V(A): Railway Traction	kVA	390	4.05	475	5.05
HT-V(B): HMR Traction	kVA	390	3.95	475	4.95
<b>HT-VI: Townships &amp; Residential Colonies</b>					
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
<b>HT VII: Temporary</b>					
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
<b>HT VIII: RESCO</b>					
11 kV	KVA	-	4.52	-	5.52
<b>HT-IX: Electric Vehicle Charging Stations</b>					
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
<b>HT-IX: Time of Day Tariffs (6 AM to 10 AM)</b>					
11 kV		-	7.00	-	8.00
33 kV		-	7.00	-	8.00

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		-	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

### 1.1.22 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 revenue impact due to customer charges is Rs. 152 Cr.

## 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**

CERC<sup>1</sup> 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 transferred<sup>2</sup>. 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

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<sup>1</sup> CERC Order dated 17.06.2020, on determination of Forbearance and Floor Prices for the REC framework

<sup>2</sup> CERC (Terms and Conditions for Recognition and Issuance of Renewable Energy Certificate for Renewable Energy Generation) Regulations, 2010,

appropriate, and such Certificate shall be available for dealing in accordance with the rules and byelaws of such Power Exchange:

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
<b>Total</b>	<b>6558</b>	<b>3848</b>	<b>5.87</b>	<b>59123</b>	<b>14748</b>	<b>2.49</b>	<b>3.37</b>

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 2.00/kWh 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

<b>Existing Clause</b>	<b>Proposed Clause</b>
<b>Category wise specific conditions of LT</b>	<b>Category wise specific conditions of LT tariff</b>

Existing Clause	Proposed Clause
<p><b>tariff</b></p> <p><b>LT-I: Domestic</b></p> <p><b>7.44</b> 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><b>LT-I: Domestic</b></p> <p><b>7.44</b> 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><b>Where multiple services are provided for a multi-storied buildings/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.</b></p>
<p><b>7.45</b> 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> <ul style="list-style-type: none"> <li>i. At LT-I (B)(ii) if the plinth area occupied by the domestic consumers is 50% or more of the total plinth area.</li> <li>ii. At LT-II (B) if the plinth area occupied by the domestic consumers is less than 50% of the total plinth area.</li> <li>iii. If the service in a flat is for domestic purpose, it shall be charged at LT-I (Domestic) as applicable. If the service in a flat is</li> </ul>	<p><b>7.45</b> 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> <ul style="list-style-type: none"> <li>i. At LT-I (B)(ii) if the plinth area occupied by the domestic consumers is 50% or more of the total plinth area.</li> <li>ii. At LT-II (B) if the plinth area occupied by the domestic consumers is less than 50% of the total plinth area.</li> <li>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 service in a flat is for commercial or office use</li> </ul>

Existing Clause	Proposed Clause
<p>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>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><b>iv. Number of service connections for common usage in multi-storied buildings/apartment/residential houses are limited to one and the same is to be billed under LT-I(B)(ii) or LT-II(B) as applicable.</b></p> <p><b>v. If more than one service is provided for common usage in the same premises, multi-storied buildings/apartment/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.</b></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 development 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-I, 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, 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-I 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 Hon'ble 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 Hon'ble Commission **to include applicability of DPS to Temporary supply (LT VIII) and EV Charging Stations (LT-IX) 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 amounts compounded annually and the two (DPS and Interest) shall not be levied at the same time.</p>	<p>In case of LT- II(B), LT-II(C), LT-III, LT-VI LT-VII, <b>LT VIII and LT-IX</b> 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 amounts compounded annually and the two (DPS and Interest) shall not be levied at the same time.</p>

### **vii) No Minimum agreement period shall be applied for Temporary supply**

The licensee requests the Hon'ble 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 TSNPDCL 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 equipments (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 ensuring proper connection and healthiness of meters and submit those reports to IPC wing of TSNPDCL.
- 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 TSNPDCL 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 28<sup>th</sup> 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 TSNPDCL 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 4.50 /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)
<b>HT Category at 11Kv</b>							
HT-I Industry	9.64	4.50	3.63	9.55%	1.03	1.93	1.03
HT-II - Others	12.16	4.50	3.63	9.55%	3.55	2.43	2.43



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-III - Airports, Railway and Bus stations	10.45	4.50	3.63	9.55%	1.84	2.09	1.84
HT –IV Irrigation, Agriculture and CPWS	10.34	4.50	3.63	9.55%	1.73	2.07	1.73
HT VI: Townships & Residential Colonies	9.13	4.50	3.63	9.55%	0.53	1.83	0.53
HT VII: Temporary Supply	15.08	4.50	3.63	9.55%	6.48	3.02	3.02
<b>HT Category at 33Kv</b>							
HT-I Industry	9.20	4.50	0.46	5.98%	3.95	1.84	1.84
HT-IB – Ferro Alloys	7.93	4.50	0.46	5.98%	2.68	1.59	1.59
HT-II - Others	11.56	4.50	0.46	5.98%	6.32	2.31	2.31
HT –IV Irrigation, Agriculture and CPWS	10.77	4.50	0.46	5.98%	5.53	2.15	2.15
HT VI: Townships & Residential Colonies	8.54	4.50	0.46	5.98%	3.29	1.71	1.71
HT – Temporary Supply	13.80	4.50	0.46	5.98%	8.56	2.76	2.76
<b>HT Category at 132Kv</b>							
HT-I Industry	7.37	4.50	0.22	2.57%	2.53	1.47	1.47
HT-II - Others	31.56	4.50	0.22	2.57%	26.71	6.31	6.31
HT –IV Irrigation, Agriculture and CPWS	6.83	4.50	0.22	2.57%	1.99	1.37	1.37
HT-V Railway/HMR Traction	6.51	4.50	0.22	2.57%	1.67	1.30	1.30
HT-VI Townships and Residential Colonies	8.24	4.50	0.22	2.57%	3.40	1.65	1.65

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.

#### **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 on 29.11.2021 in accordance with the commissions’ order in OP No.23 of 2020 dated:18.09.2020.

## 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. 12,489 crores for FY 2022-23. The category wise revenue projections for FY 2022-23 is detailed below

Details (Rs. Crs.)	FY 2022-23
<b>LT Category</b>	<b>3532.33</b>
LT-I: Domestic	2032.45
LT-II: Non-Domestic/Commercial	922.80
LT-III: Industry	231.84
LT-IV: Cottage Industries	4.15
LT-V: Agricultural	47.34
LT-VI: Street Lightning & PWS Schemes	241.91
LT-VII: General Purpose	46.18
LT-VIII: Temporary Supply	5.65
LT-IX: Electric Vehicle Charging Stations	-
<b>HT Category</b>	<b>8957.05</b>
HT-I(A): Industry (General)	1354.96
HT-I(A): HMWSSB	167.54
HT-I(B): Ferro-Alloy Units	50.54
HT-II: Others	184.96
HT-III: Airports, Bus Stations and Railway Stations	7.71
HT-IV: Irrigation & CPWS	6141.01
HT-V: Railway Traction	312.93
HT-VI: Townships & Residential Colonies	122.69
HT-VII: Temporary	52.00
HT-VIII: RESCO (Siricilla) 11kv	558.96
HT-IX: Electric Vehicle Charging Stations	3.75
<b>Total</b>	<b>12489.38</b>

## 5.2 Non-Tariff Income at proposed tariffs

The licensee has considered non-tariff proposals for FY 2022-23 at proposed tariffs same as at current Tariffs in ARR FY 2022-23 which is as below:

Items of Non-Tariff Income (Rs. in Crs)	FY 2022-23
Miscellaneous / Other Income	13.58
Reconnection Fee LT & HT	5.01
Application Registration Fee	0.09
Supervision Charges from customers	0.39
Capacitor Charges	10.26
Meter or Transformer Testing / Shifting Charges	0.08
<b>Total Non-Tariff Income</b>	<b>29.41</b>

## 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)	FY 2022-23
Aggregate Revenue Requirement	<b>18183.37</b>
Revenue from Current Tariffs	10702.75
Non-Tariff Income	29.41
<b>Revenue Deficit(-)/Surplus(+)</b> at Current Tariffs	<b>-7451.21</b>
Revenue changed through proposed tariff	1786.63
Subsidy	4254.15
<b>Net gap – Deficit(-)/Surplus(+)</b>	<b>-1410.44</b>



## Form 10

## Revenue from Proposed Tariffs

Revenue from Proposed Tariffs (Rs. Crs.)	Detail Links	2022-23						Total Revenue
		Retail Supply (Regulated Business)			Surcharges (Open Access)		Grid Support Charges	
		Gross Revenue	Incentives	Net Revenue	Surcharge	Additional surcharge		
<b>LT Category</b>		<b>3532.33</b>	<b>0.00</b>	<b>3532.33</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>3532.33</b>
Category I (A&B) - Domestic	<a href="#">Form-10a</a>	2032.45	0.00	2032.45				2032.45
Category II (A, B, C & D) - Non-domestic/Commercial	<a href="#">Form-12</a>	922.80	0.00	922.80				922.80
Category III - Industrial		231.84	0.00	231.84				231.84
Cat IV- Cottage Industries, Dhobighats & Others		4.15	0.00	4.15				4.15
Category V (A & B) - Irrig & Agriculture		47.34	0.00	47.34				47.34
Category VI - Local Bodies, St. Lighting & PWS		241.91	0.00	241.91				241.91
Category VII (A&B)		46.18	0.00	46.18				46.18
Category VIII-Temporary Supply		5.65	0.00	5.65				5.65
Category IX Electric Vehicle Charging Stations		0.00	0.00	0.00				0.00
<b>HT Category at 11 KV</b>		<b>1823.24</b>	<b>0.00</b>	<b>1823.24</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>1823.24</b>
HT-I Industry Segregated		925.82	0.00	925.82				925.82
HT-I (B) Ferro-Alloys		0.00	0.00	0.00				0.00
HT-II - Others		162.18	0.00	162.18				162.18
HT-III Airports, Railways and Bustations		7.71	0.00	7.71				7.71
HT-IV (A) Lift Irrigation and Agriculture		33.70	0.00	33.70				33.70
HT - IV (B) Composite P.W.S Schemes		91.55	0.00	91.55				91.55
HT-VI Townships and Residential Colonies		8.03	0.00	8.03				8.03
HT-VII Temporary Supply		31.55	0.00	31.55				31.55
HT- RESCOs		558.96	0.00	558.96				558.96
HT- IX Electric Vehicle Charging Stations		3.75	0.00	3.75				3.75
<b>HT Category at 33 KV</b>		<b>495.84</b>	<b>0.00</b>	<b>495.84</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>495.84</b>
HT-I Industry Segregated		146.39	0.00	146.39				146.39
HT-I (B) Ferro-Alloys		50.47	0.00	50.47				50.47
HT-II - Others		12.04	0.00	12.04				12.04
HT-III Airports, Railways and Bustations		0.00	0.00	0.00				0.00
HT-IV (A) Lift Irrigation and Agriculture		29.17	0.00	29.17				29.17
HT - IV (B) Composite P.W.S Schemes		204.47	0.00	204.47				204.47
HT-VI Townships and Residential Colonies		32.85	0.00	32.85				32.85
HT-VII Temporary Supply		20.44	0.00	20.44				20.44
HT- IX Electric Vehicle Charging Stations		0.00	0.00	0.00				0.00
<b>HT Category at 132 KV</b>		<b>6637.97</b>	<b>0.00</b>	<b>6637.97</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>6637.97</b>
HT-I Industry Segregated		450.37	0.00	450.37				450.37
HT-I (B) Ferro-Alloys		0.00	0.00	0.00				0.00
HT-II - Others		10.74	0.00	10.74				10.74
HT-III Airports, Railways and Bustations		0.00	0.00	0.00				0.00
HT-IV (A) Lift Irrigation and Agriculture		5764.97	0.00	5764.97				5764.97
HT - IV (B) Composite P.W.S Schemes		17.15	0.00	17.15				17.15
HT-V (A) Railway Traction		312.93	0.00	312.93				312.93
HT-V (B) HMR		0.00	0.00	0.00				0.00
HT-VI Townships and Residential Colonies		81.81	0.00	81.81				81.81
HT-VII Temporary Supply		0.00	0.00	0.00				0.00
HT- IX Electric Vehicle Charging Stations		0.00	0.00	0.00				0.00
<b>Total</b>		<b>12489.38</b>	<b>0.00</b>	<b>12489.38</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>12489.38</b>

**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	Remarks						
								Base Year	2019-20	2020-21	2021-22	2022-23	2023-24	
Recoveries from theft of power or malpractices		8.83	13.22	7.29	0.00	0.00	0.00							
Power Purchase Rebates earned		0.15	0.29	0.06	0.00	0.00	0.00							
Miscellaneous / Other Income		3.54	9.84	13.05	13.31	13.58	0.00							
Reconnection Fee LT & HT		9.03	8.11	4.81	4.91	5.01	0.00							
Application Registration Fee		1.64	0.55	0.09	0.09	0.09	0.00							
Supervision Charges from customers		2.17	0.74	0.38	0.38	0.39	0.00							
Capacitor Charges		8.74	8.87	9.86	10.06	10.26	0.00							
Meter or Transformer Testing / Shifting Charges		0.24	0.08	0.07	0.07	0.08	0.00							
<b>Total Non tariff income</b>		<b>34.34</b>	<b>41.69</b>	<b>35.62</b>	<b>28.83</b>	<b>29.41</b>	<b>0.00</b>							

Consumer Categories	No of consumers	Components of tariff			Relevant sales related data				Full year revenue excluding external subsidy						Surcharges		Grid Support Charges (Rs. Crs)		Non - tariff Income		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)	Incentives (Rs. Crs)	Net Revenue from Tariff (Rs. Crores)	Surcharge (Rs.Crs)	Additional Surcharge (Rs.Crs)	Support Charges (Rs. Crs)	Direct		Apportioned	
<b>LT Total - (Existing Categories)</b>	<b>5754111</b>				<b>13261</b>	<b>0.00</b>	<b>4283.86</b>	<b>6864262.07</b>	<b>2980.74</b>	<b>159.99</b>	<b>0.00</b>	<b>391.60</b>	<b>0.00</b>	<b>3532.33</b>	<b>0.00</b>	<b>3532.33</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>15.05</b>	<b>3547.38</b>	
<b>Category- Domestic (All)</b>	<b>3890725</b>		<b>540.00</b>	<b>0.00</b>	<b>4259</b>	<b>0</b>	<b>2963.71</b>	<b>0</b>	<b>1688.44</b>	<b>53.35</b>	<b>0.00</b>	<b>296.66</b>	<b>0.00</b>	<b>2032.45</b>	<b>0.00</b>	<b>2032.45</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>4.83</b>	<b>2037.29</b>		
<b>Cat I (A) Domestic up to 100 units/month</b>	<b>2904823</b>				<b>1762</b>	<b>0.00</b>	<b>1586.04</b>	<b>0.00</b>	<b>390.08</b>	<b>28.55</b>	<b>0.00</b>	<b>178.81</b>	<b>0.00</b>	<b>597.44</b>	<b>0.00</b>	<b>597.44</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>2.00</b>	<b>599.44</b>		
0 - 50 units	1752123	1.95	180.00		1357.57		829.81		264.73	14.94		83.12		362.78		362.78				0.00	2	364.32	
51 - 100 units	1152700	3.10	180.00		404.36		756.23		125.35	13.61		95.69		234.66		234.66				0.00	0	235.12	
<b>Cat I (B) (i) Domestic- &gt; 100 &amp; &lt;=200 units/month</b>	<b>691809</b>				<b>1364.22</b>	<b>0.00</b>	<b>882.82</b>	<b>0.00</b>	<b>565.42</b>	<b>15.89</b>	<b>0.00</b>	<b>73.84</b>	<b>0.00</b>	<b>655.15</b>	<b>0.00</b>	<b>655.15</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>2</b>	<b>656.70</b>	
0 - 100 units	0	3.80	180.00		894.05		0.00		339.74	0.00		0.00		339.74		339.74					1	340.75	
101 - 200 units	691809	4.80	180.00		470.18		882.82		225.68	15.89		73.84		315.42		315.42						1	315.95
<b>Category I (B) (ii) Domestic &gt; 200 units/month</b>	<b>294093</b>				<b>1132.84</b>	<b>0.00</b>	<b>494.85</b>	<b>0.00</b>	<b>732.94</b>	<b>8.91</b>	<b>0.00</b>	<b>38.01</b>	<b>0.00</b>	<b>779.86</b>	<b>0.00</b>	<b>779.86</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>1</b>	<b>781.15</b>	
0 - 200 units	0	5.50	180.00		760.14		0.00		418.07	0.00		0.00		418.07		418.07					1	418.94	
201 - 300 units	205151	7.70	180.00		205.99		283.57		158.61	5.10		24.33		188.04		188.04					0	188.28	
301 - 400 units	50304	9.00	180.00		72.11		99.36		64.90	1.79		7.16		73.85		73.85					0	73.93	
401 - 800 units	34068	9.50	180.00		64.87		89.25		61.62	1.61		5.66		68.89		68.89					0	68.96	
More than 800 units	4570	10.00	180.00		29.74		22.67		29.74	0.41		0.87		31.01		31.01					0	31.05	
<b>Category II - Non-domestic/Commr (A, B, C &amp; D)</b>	<b>407893</b>				<b>819.84</b>	<b>0.00</b>	<b>814.83</b>	<b>0.00</b>	<b>824.74</b>	<b>64.77</b>	<b>0.00</b>	<b>33.28</b>	<b>0.00</b>	<b>922.80</b>	<b>0.00</b>	<b>922.80</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>1</b>	<b>923.73</b>	
<b>Category II - Non-domestic/Commr (A &amp; B)</b>	<b>402213.00</b>				<b>816.68</b>	<b>0.00</b>	<b>808.59</b>	<b>0.00</b>	<b>823.89</b>	<b>64.43</b>	<b>0.00</b>	<b>32.93</b>	<b>0.00</b>	<b>921.29</b>	<b>0.00</b>	<b>921.29</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.93</b>	<b>922.22</b>	
<b>LT - II (A):Up to 50 Units/Month</b>	<b>251430</b>				<b>52.18</b>	<b>0.00</b>	<b>301.24</b>	<b>0.00</b>	<b>36.52</b>	<b>21.69</b>	<b>0.00</b>	<b>14.90</b>	<b>0.00</b>	<b>73.11</b>	<b>0.00</b>	<b>73.11</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0</b>	<b>73.17</b>	
0-50 units	251430	7.00	720.00		52.18		301.24		36.52	21.69		14.90		73.11		73.11					0	73.17	
<b>LT - II (B): Above 50 Units/Month</b>	<b>150783</b>				<b>764.50</b>	<b>0.00</b>	<b>507.35</b>	<b>0.00</b>	<b>787.36</b>	<b>42.74</b>	<b>0.00</b>	<b>18.04</b>	<b>0.00</b>	<b>848.18</b>	<b>0.00</b>	<b>848.18</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>1</b>	<b>849.05</b>	
0 to 100 units	65013	8.50	840.00		154.33		80.55		131.18	6.77		6.93		144.88		144.88					0	145.06	
101 to 300 units	51829	9.90	840.00		108.91		114.76		107.82	9.64		6.45		123.91		123.91					0	124.03	
301 to 500 units	14513	10.40	840.00		88.43		51.41		91.96	4.32		1.89		98.18		98.18					0	98.28	
More than 500 units	19428	11.00	840.00		412.84		280.62		454.12	21.89		2.76		478.78		478.78					0	479.24	
<b>LT-II (C) Advertisement Hoardings</b>	<b>336</b>	<b>13.00</b>	<b>840.00</b>		<b>1.46</b>	<b>0.00</b>	<b>1.46</b>	<b>0.00</b>	<b>2.28</b>	<b>0.12</b>	<b>0.00</b>	<b>0.05</b>	<b>0.00</b>	<b>2.45</b>	<b>0.00</b>	<b>2.45</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0</b>	<b>2.45</b>	
<b>LT-II (D) Haircutting Salons consuming upto 200 units/month</b>	<b>5344</b>				<b>1.41</b>	<b>0.00</b>	<b>4.79</b>	<b>0.00</b>	<b>0.86</b>	<b>0.34</b>	<b>0.00</b>	<b>0.30</b>	<b>0.00</b>	<b>1.50</b>	<b>0.00</b>	<b>1.50</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0</b>	<b>1.50</b>	
0 to 50 units	3897	5.30	720.00		0.73		3.36		0.39	0.24		0.21		0.84		0.84					0	0.84	
51 to 100 units	1006	6.60	720.00		0.41		0.90		0.27	0.06		0.06		0.40		0.40					0	0.40	
101 to 200 units	447	7.50	720.00		0.26		0.53		0.20	0.04		0.03		0.27		0.27					0	0.27	
<b>Category III Industrial</b>	<b>21333</b>				<b>250.79</b>	<b>0.00</b>	<b>362.81</b>	<b>0.00</b>	<b>192.27</b>	<b>32.42</b>	<b>0.00</b>	<b>7.14</b>	<b>0.00</b>	<b>231.84</b>	<b>0.00</b>	<b>231.84</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0</b>	<b>232.12</b>	
<b>Category III - Industrial</b>	<b>21333</b>				<b>250.79</b>	<b>0.00</b>	<b>362.81</b>	<b>0.00</b>	<b>192.27</b>	<b>32.42</b>	<b>0.00</b>	<b>7.14</b>	<b>0.00</b>	<b>231.84</b>	<b>0.00</b>	<b>231.84</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0</b>	<b>232.12</b>	
Industrial Normal	19280	7.70	900.00		240.08		347.53		184.86	31.28		6.46		222.60		222.60					0	222.87	
Pisciculture/Prawn culture	140	6.20	432.00		1.03		1.45		0.64	0.06		0.05		0.75		0.75					0	0.75	
Sugarcane Crushing		6.20	432.00		0.00		0.00		0.00	0.00		0.00		0.00		0.00					0	0.00	
Poultry Farms	1913	7.00	780.00		9.67		13.83		6.77	1.08		0.64		8.49		8.49					0	8.50	
Mushroom & Rabbit, Sheep & Goat Farms	0	7.30	900.00		0.00		0.00		0.00	0.00		0.00		0.00		0.00					0	0.00	
Seasonal Industries		8.40	900.00		0.00		0.00		0.00	0.00		0.00		0.00		0.00					0	0.00	
<b>Category IV- Cottage Industries</b>	<b>6021</b>				<b>8.58</b>	<b>0.00</b>	<b>15.09</b>	<b>0.00</b>	<b>3.43</b>	<b>0.36</b>	<b>0.00</b>	<b>0.36</b>	<b>0.00</b>	<b>4.15</b>	<b>0.00</b>	<b>4.15</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0</b>	<b>4.16</b>	
Cat -IV(A) - Cottage Industr. Upto 10 HP	5981	4.00	240.00		8.51		14.98		3.40	0.36		0.36		4.12		4.12					0	4.13	
Cat -IV(B) - Agro Based Acticity upto 10 HP	40	4.00	240.00		0.07		0.11		0.03	0.00		0.00		0.03		0.03					0	0.03	
<b>Category V (A &amp; B) - Irrig &amp; Agriculture</b>	<b>1331184</b>				<b>7525.14</b>	<b>0.00</b>	<b>6739535.15</b>	<b>0.00</b>	<b>0.53</b>	<b>0.04</b>	<b>0.00</b>	<b>46.77</b>	<b>0.00</b>	<b>47.34</b>	<b>0.00</b>	<b>47.34</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>9</b>	<b>55.88</b>	
<b>Category V(A+B) - Agriculture</b>	<b>1330962</b>				<b>7523.81</b>	<b>0.00</b>	<b>6737851.65</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>46.76</b>	<b>0.00</b>	<b>46.76</b>	<b>0.00</b>	<b>46.76</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>9</b>	<b>55.30</b>	
<b>Cat V(A) - Agriculture (DSM measures mandatory)</b>	<b>1330962</b>				<b>7523.81</b>	<b>0.00</b>	<b>6737851.65</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>46.76</b>	<b>0.00</b>	<b>46.76</b>	<b>0.00</b>	<b>46.76</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>9</b>	<b>55.30</b>	
Corporate Farmers	0	2.50			0.00		0.00		0.00	0.00		0.00		0.00		0.00					0	0.00	
Other than Corporate Farmers	1330962	0.00			7523.81		6737852		0.00	0.00		46.76		46.76		46.76					9	55.30	
<b>Category LT V(B) - Others</b>	<b>222</b>				<b>1.33</b>	<b>0.00</b>	<b>0.00</b>	<b>1683.50</b>	<b>0.53</b>	<b>0.04</b>	<b>0.00</b>	<b>0.01</b>	<b>0.00</b>	<b>0.58</b>	<b>0.00</b>	<b>0.58</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0</b>	<b>0.58</b>	
Horticulture Nurseries upto 15 HP	222	4.00	240.00		1.33		0.00		1684	0.53		0.01		0.58		0.58					0	0.58	
<b>Category VI - Street Lighting &amp; PWS</b>	<b>74064</b>				<b>340.77</b>	<b>0.00</b>	<b>79.56</b>	<b>124726.92</b>	<b>223.42</b>	<b>7.84</b>	<b>0.00</b>	<b>10.65</b>	<b>0.00</b>	<b>241.91</b>	<b>0.00</b>	<b>241.91</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0</b>	<b>242.30</b>	
<b>VI(A) - Street Lighting</b>	<b>43823</b>				<b>110.05</b>	<b>0.00</b>	<b>79.56</b>	<b>0.00</b>	<b>81.15</b>	<b>3.06</b>	<b>0.00</b>	<b>6.30</b>	<b>0.00</b>	<b>90.51</b>	<b>0.00</b>	<b>90.51</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0</b>	<b>90.63</b>	
Panchayats	32936																						



Industrial Colony consumption		7.30									0.00	0.00									0.00	0.00		
Seasonal Industries		8.60	5700.00								0.00	0.00									0.00	0.00		
HT-I (A) Optional Cat. with CMD upto 150 kVA	835	8.00	1200.00			240.03	103.99				192.03	9.98			1.94						203.95	203.95	0	204.23
HT-I Indri. Time-of-Day Tariff (6 PM to 10 PM)		8.65				124.08					107.33	0.00			0.00						107.33	107.33	0	107.47
HT-I Indri. Time-of-Day Tariff (6 AM to 10 AM)		8.65				114.23					98.81	0.00			0.00						98.81	98.81	0	98.94
HT-I Indri. Time-of-Day Tariff (10 PM to 6 AM)		7.15				233.98					167.30	0.00			0.00						167.30	167.30	0	167.56
HT - I (B) Ferro-alloys		7.65	5700.00								0.00	0.00									0.00	0.00		
HT-II - Others (Non- Industrial)	543	8.80	5700.00			53.32	88.79				46.92	40.49			1.27						88.68	88.68	0	88.74
HT-II Others - Time-of-Day Tariff (6 PM to 10 PM)		9.80				27.20					26.66	0.00			0.00						26.66	26.66	0	26.69
HT-II Others - Time-of-Day Tariff (6 AM to 10 AM)		9.80				19.80					19.41	0.00			0.00						19.41	19.41	0	19.43
HT-II Others - Time-of-Day Tariff (10 PM to 6 AM)		8.30				33.06					27.44	0.00			0.00						27.44	27.44	0	27.48
HT III: Airports, Bus Stations and Railway Stations	20	8.50	5700.00			1.95	2.76				1.66	1.26			0.05						2.96	2.96	0	2.97
HT-III - Aviation Time-of-Day Tariff (6 PM to 10 PM)		9.50				1.55					1.47	0.00			0.00						1.47	1.47	0	1.47
HT-III - Aviation Time-of-Day Tariff (6 AM to 10 AM)		9.50				1.14					1.08	0.00			0.00						1.08	1.08	0	1.08
HT-III - Aviation Time-of-Day Tariff (10 PM to 6 AM)		8.00				2.74					2.19	0.00			0.00						2.19	2.19	0	2.19
HT -IV A Lift Irrigation and agriculture	206	6.30	3300.00			32.59	67.36				20.53	12.67			0.49						33.70	33.70	0	33.73
HT -IV B - CP Water Supply Schemes	124	6.10				149.59	39.08				91.25	0.00			0.30						91.55	91.55	0	91.72
HT-VI - Townships & Colony Supply	18	7.30	3120.00			8.79	5.03				6.41	1.57			0.04						8.03	8.03	0	8.04
HT-VII Temporary	46	11.80	6000.00			20.92	14.10				24.68	6.77			0.10						31.55	31.55	0	31.58
RESCOs	1	5.52				1012.61	231.41				558.96	0.00									558.96	558.96	1	560.11
HT IX : Electric Vehicle Charging Stations	10	7.00	1200.00			4.84	3.50				3.39	0.34			0.02						3.75	3.75	0	3.76
HT-IX EVCS Time-of-Day Tariff (6 PM to 10 PM)		8.00									0.00	0.00									0.00	0.00		
HT-IX EVCS Time-of-Day Tariff (6 AM to 10 AM)		8.00									0.00	0.00									0.00	0.00		
HT-IX EVCS Time-of-Day Tariff (10 PM to 6 AM)		6.50									0.00	0.00									0.00	0.00		
<b>HT Category at 33 kV</b>	<b>132</b>					<b>648.65</b>	<b>233.48</b>	<b>0.00</b>			<b>436.33</b>	<b>58.36</b>	<b>0.00</b>		<b>0.55</b>						<b>495.34</b>	<b>495.84</b>	<b>0.00</b>	<b>496.58</b>
HT-I Indl General	47	7.15	5700.00			46.78	65.15				33.45	29.71			0.19						83.35	83.35	0	83.40
Lights & Fans		7.15									0.00	0.00									0.00	0.00		
Poultry farms		7.15	5700.00								0.00	0.00									0.00	0.00		
Poultry Farms Time-of-Day Tariff (6 PM to 10 PM)		8.15									0.00	0.00									0.00	0.00		
Poultry Farms Time-of-Day Tariff (6 AM to 10 AM)		8.15									0.00	0.00									0.00	0.00		
Poultry Farms Time-of-Day Tariff (10 PM to 6 AM)		6.65									0.00	0.00									0.00	0.00		
Industrial Colony consumption		7.30									0.00	0.00									0.00	0.00		
Seasonal Industries		7.90	5700.00								0.00	0.00									0.00	0.00		
HT-I Indri. Time-of-Day Tariff (6 PM to 10 PM)		8.15				29.85					24.33	0.00			0.00						24.33	24.33	0	24.36
HT-I Indri. Time-of-Day Tariff (6 AM to 10 AM)		8.15				25.35					20.66	0.00			0.00						20.66	20.66	0	20.69
HT-I Indri. Time-of-Day Tariff (10 PM to 6 AM)		6.65				57.22					38.05	0.00			0.00						38.05	38.05	0	38.12
HT - I (B) Ferro-alloys	2	7.15	5700.00			63.65	10.85				45.51	4.95			0.01						50.47	50.47	0	50.54
HT-II - Others (Non- Industrial)	18	8.00	5700.00			3.43	7.54				2.75	3.44			0.08						6.26	6.26	0	6.26
HT-II Others - Time-of-Day Tariff (6 PM to 10 PM)		9.00				2.02					1.82	0.00			0.00						1.82	1.82	0	1.82
HT-II Others - Time-of-Day Tariff (6 AM to 10 AM)		9.00				1.63					1.46	0.00			0.00						1.46	1.46	0	1.46
HT-II Others - Time-of-Day Tariff (10 PM to 6 AM)		7.50				3.33					2.50	0.00			0.00						2.50	2.50	0	2.50
HT III: Airports, Bus Stations and Railway Stations		7.85	5700.00								0.00	0.00									0.00	0.00		
HT-III - Aviation Time-of-Day Tariff (6 PM to 10 PM)		8.85				0.00					0.00	0.00									0.00	0.00		
HT-III - Aviation Time-of-Day Tariff (6 AM to 10 AM)		8.85				0.00					0.00	0.00									0.00	0.00		
HT-III - Aviation Time-of-Day Tariff (10 PM to 6 AM)		7.35				0.00					0.00	0.00									0.00	0.00		
HT -IV A Lift Irrigation and agriculture	22	6.30	3300.00			27.08	63.92				17.06	12.02			0.09						29.17	29.17	0	29.21
HT -IV B - CP Water Supply Schemes	27	6.10				335.02	62.28				204.36	0.00			0.11						204.47	204.47	0	204.86
HT-VI - Townships & Colony Supply	7	7.30	3120.00			38.48	15.17				28.09	4.73			0.03						32.85	32.85	0	32.90
HT-VII Temporary	9	11.00	6000.00			14.81	8.57				16.29	4.11			0.04						20.44	20.44	0	20.46
HT IX : Electric Vehicle Charging Stations		7.00	1200.00								0.00	0.00									0.00	0.00		
HT-IX EVCS Time-of-Day Tariff (6 PM to 10 PM)		8.00									0.00	0.00									0.00	0.00		
HT-IX EVCS Time-of-Day Tariff (6 AM to 10 AM)		8.00									0.00	0.00									0.00	0.00		
HT-IX EVCS Time-of-Day Tariff (10 PM to 6 AM)		6.50									0.00	0.00									0.00	0.00		
<b>HT Category at 132 kV</b>	<b>67</b>					<b>9663.81</b>	<b>2779.68</b>	<b>0.00</b>			<b>6012.66</b>	<b>624.92</b>	<b>0.00</b>		<b>0.39</b>	<b>0.00</b>					<b>6637.97</b>	<b>6637.97</b>	<b>0.00</b>	<b>6648.94</b>
HT-I Indl General	14	6.65	5700.00			65.83	164.22				43.78	74.88			0.09						118.75	118.75	0	118.83
Lights & Fans		6.65									0.00	0.00									0.00	0.00		
Industrial Colony consumption		7.30									0.00	0.00									0.00	0.00		
Seasonal Industries		7.70	5700.00								0.00	0.00									0.00	0.00		
HT-I Indri. Time-of-Day Tariff (6 PM to 10 PM)	0	7.85				69.38					53.08	0.00			0.00						53.08	53.08	0	53.16
HT-I Indri. Time-of-Day Tariff (6 AM to 10 AM)	0	7.65				45.53					34.83	0.00			0.00						34.83	34.83	0	34.88
HT-I Indri. Time-of-Day Tariff (10 PM to 6 AM)	0	6.15				123.86					76.17	0.00			0.00						76.17	76.17	0	76.31
HT-I HMWSSB	2	4.95	5700.00			306.22	35.00				151.58	15.96			0.01						167.54	167.54	0	167.89
HT-I Time-of-Day Tariff (6 PM to 10 PM)											0.00	0.00									0.00	0.00		
HT-I - Time-of-Day Tariff (6 AM to 10 AM)											0.00	0.00									0.00	0.00		
HT-I - Time-of-Day Tariff (10 PM to 6 AM)											0.00	0.00									0.00	0.00		
HT - I (B) Ferro-alloys		6.65	5700.00								0.00	0.00									0.00	0.00		
HT-II - Others (Non- Industrial)	6	7.80	5700.00			0.77	17.60				0.60	8.03			0.04						8.66	8.66	0	8.66
HT-II Others - Time-of-Day Tariff (6 PM to 10 PM)	0	8.80				0.61					0.54	0.00			0.00						0.54	0.54	0	0.54
HT-II Others - Time-of-Day Tariff (6 AM to 10 AM)	0	8.80				0.42					0.37	0.00			0.00						0.37	0.37	0	0.37
HT-II Others - Time-of-Day Tariff (10 PM to 6 AM)	0	7.30				1.59					1.16	0.00			0.00						1.16	1.16	0	1.17
HT III: Airports, Bus Stations and Railway Stations		7.45	5700.00								0.00	0.00									0.00	0.00		
HT-III - Aviation Time-of-Day Tariff (6 PM to 10 PM)		8.45									0.00	0.00									0.00	0.00		
HT-III - Aviation Time-of-Day Tariff (6 AM to 10 AM)		8.45									0.00	0.00									0.00	0.00		
HT-III - Aviation Time-of-Day Tariff (10 PM to 6 AM)		6.95									0.00	0.00									0.00	0.00		
HT -IV A Lift Irrigation and agriculture	31	6.30	3300.00			8441.78	2373.55				5318.32	446.46			0.18						5764.97	5764.97	10	5774.55
HT -IV B - CP Water Supply Schemes	1	6.10				28.11	5.31				17.15	0.00			0.									