

SOUTHERN POWER DISTRIBUTION COMPANY OF A.P LIMITED

19-13-65/A, Vidyut Nilayam, Srinivasapuram, Tirupati (www.apspdcl.in)



Aggregate Revenue Requirement and Tariff Proposal for the Retail Supply Business for FY 2021-22



29th November 2020

**BEFORE THE HONOURABLE ANDHRA PRADESH ELECTRICITY REGULATORY
COMMISSION**

AT ITS OFFICE AT 4th FLOOR, SINGARENI BHAVAN, RED HILLS, HYDERABAD

FILING NO. _____/2020

CASE NO. _____/2020

In the matter of:

Filing of the ARR application in respect of Retail Supply Business and proposed Tariffs for the FY 2021-22 in accordance with the “Andhra Pradesh Electricity Regulatory Commission (Terms And Conditions For Determination of Tariff For Wheeling and Retail Sale of Electricity) Regulation, 2005 and amendments issued from time to time” by the Southern Power Distribution Company of Andhra Pradesh Limited (‘APSPDCL’ or ‘the Company’ or ‘the Licensee’) as the Distribution and Retail Supply Licensee.

In the matter of:

SOUTHERN POWER DISTRIBUTION COMPANY OF ANDHRA PRADESH 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, Tsundururu Vanaja, D/o of Late Sri T.G. Sanjeeva Rao, aged about 58 years working for gain at the Southern Power Distribution Company of Andhra Pradesh Limited do solemnly affirm and say as follows:

- 1 I am the Executive Director / RAC & Plg. of APSPDCL, the Licensee that has been granted license, the distribution and retail supply functions in the Southern distribution zone in Andhra Pradesh vide the Honourable Commission’s approval in proceedings no. APERC/Secy/Engg/No.6 dt.31.3.2000. On December 27, 2000, the Honourable Commission has awarded a Distribution and Retail Supply License to APSPDCL, to be effective from April 1, 2001. I am competent and duly authorised by APSPDCL 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 APSPDCL to submit the application, as per Terms and Conditions of Tariff for Wheeling and Retail Sale of Electricity (Regulation 4 of 2005) of APSPDCL for the FY 2021-22 to the Honourable Commission.
- 3 I submit that I have read and understood the contents of the appended application of APSPDCL. 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.

I submit that for the reasons, and facts stated in the appended application this Applicant pray that the Honourable Commission may be pleased to

- (a) Take the accompanying ARR, Tariff Proposal, Cross Subsidy Surcharge of APSPDCL for FY 2021-22 on record and treat it as complete;
- (b) Grant suitable opportunity to APSPDCL within a reasonable time frame to file additional material information that may be subsequently available;
- (c) Consider and approve APSPDCL's ARR and Tariff application including all requested regulatory treatments in the filing;
- (d) Pass such order as the Honourable Commission may deem fit and proper in the facts and circumstances of the case.


DEPONENT
EXECUTIVE DIRECTOR
RAC & PLANNING
APSPDCL :: TIRUPATI

VERIFICATION:

I, the above named Deponent solemnly affirm at **Tirupati** on this 29th day of **November, 2020** 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.

Solemnly affirmed and signed before me.


COMPANY SECRETARY
APSPDCL :: TIRUPATI.


DEPONENT
EXECUTIVE DIRECTOR
RAC & PLANNING
APSPDCL :: TIRUPATI

**BEFORE THE HONOURABLE ANDHRA PRADESH ELECTRICITY REGULATORY
COMMISSION**

AT ITS OFFICE AT 4th FLOOR, SINGARENI BHAVAN, RED HILLS, HYDERABAD -04

FILING NO. _____/2020

CASE NO. _____/2020

In the matter of:

Filing of the ARR application in respect of Retail Supply Business and proposed Tariffs for the FY 2021-22 under multi-year tariff principles in accordance with the “Andhra Pradesh Electricity Regulatory Commission (Terms And Conditions For Determination Of Tariff For Wheeling And Retail Sale Of Electricity) Regulation, 2005 and First Amendment Regulation, 2014” by the Southern Power Distribution Company of Andhra Pradesh Limited (‘APSPDCL’ or ‘the Company’ or ‘the Licensee’) as the Distribution and Retail Supply Licensee.

In the matter of:

SOUTHERN POWER DISTRIBUTION COMPANY OF ANDHRA PRADESH LIMITED

... Applicant

The Applicant respectfully submits as under:

- 1** This filing is made by the **SOUTHERN POWER DISTRIBUTION COMPANY OF ANDHRA PRADESH LIMITED (APSPDCL)** under Section 61 of the Electricity Act 2003 for determination of the Aggregate Revenue Requirement and Tariff for the Retail Supply Business for the year FY 2021-22.
- 2** The licensee has adopted the following methodology to arrive at the ARR for retail supply business.
 - **Distribution Cost:** The licensee has adopted the distribution cost for FY 2021-22 as approved in the Wheeling Tariff Order (Distribution Business Tariff Order) for 4th MYT control period (FY 2019-20 to 2023-24). The Distribution cost approved for FY 2021-22 is Rs. 3157.73 Cr.
 - **Transmission Cost:** The licensee has estimated the transmission cost for FY 2021-22 which is the third year of 4th Control period (FY 2019-20 to FY 2023-24) as per the Transmission Tariffs Order, dt. 8th March, 2019. The estimated transmission cost of APSPDCL is Rs.992.72 Cr for the FY 2021-22.
 - **SLDC Cost:** The licensee has estimated the SLDC cost for FY 2021-22 which is the third year of 4th Control period (FY 2019-20 to FY 2023-24) as per the SLDC Order, dt. 8th March, 2019. The estimated SLDC cost of APSPDCL is Rs.43.44 Cr for the FY 2021-22.
 - **PGCIL and ULDC Costs:** The licensee has considered PGCIL and ULDC Charges as per the CERC Regulations. The projected PGCIL and ULDC Costs for FY 2021-22 is Rs. 599.58 Cr. and Rs.6 Cr. respectively.

- **Distribution losses:** The licensee has considered losses for H2 FY 2020-21 slightly lower than the actual values for FY 2019-20 and projected for FY 2021-22. The following table provides the voltage level losses considered by the APSPDCL for projecting the energy requirement for H2 FY 2020-21 and FY 2021-22:

Voltage Level	FY 2020-21 (H2)	FY 2021-22
33 KV	3.24%	3.23%
11 KV	3.36%	3.35%
LT	4.67%	4.66%

- **Transmission losses:** The Licensee has considered 3.48% for H2FY 2020-21 and 3.46% for FY 2021-22.
- **PGCIL Losses:** The Licensee has considered the external (PGCIL) losses at 3.48% for H2FY 2020-21 and 3.46% for FY 2021-22.

3 Filing of Retail Supply ARR for FY 2021-22

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 from FY 2019-20 to FY 2023-24. However, the licensee requested the Honourable Commission to allow for submission of the ARR and Tariff filing for Retail Supply Business for FY 2021-22 on yearly basis.

The Honourable Commission has been kind enough in granting permission to submit the ARR & Proposed tariff filings in respect of the Retail Supply Business for FY 2021-22 instead of total control period of FY 2019-20 to FY 2023-24 vide APERC Proceeding No.T-87/07/2020, Dt.17-09-2020.

4 Performance Analysis of APSPDCL for the previous year FY2019-20 and current year FY 2020-21

Performance Analysis: A brief analysis of the licensee business for FY 2019-20 and FY 2020-21 is as follows:

Particulars	2019-20				2020-21			
	APERC Order		Actuals		APERC Order		Present Estimate	
	MU	%	MU	%	MU	%	MU	%
Metered Sales (incl. EHT)	27662.32	68.67%	26217.76	68.47%	16311.94	62.44%	14616.38	60.49%
LT Agricultural Sales	9504.38	23.59%	8940.84	23.35%	7703.89	29.49%	7533.49	31.18%
Total Sales	37166.70	92.26%	35158.60	91.81%	24015.82	91.93%	22149.87	91.66%
EHT Sales	6214.85		4453.83		4046.89		3547.43	
DISCOM Input (Exc. EHT sales)	34070.96		33839.53		22078.17		20617.38	
DISCOM Losses (Exc. EHT sales)		9.15%		9.26%		9.55%		9.77%
DISCOM Input	40285.81	100.00%	38293.36	100.00%	26125.06	100.00%	24164.81	100.00%
Loss Including EHT Sales %		7.74%		8.19%		8.07%		8.34%

- **Revenue**

The table below shows a comparison of the revenue from various consumer categories as approved in the Tariff Order and as billed (FY 2019-20) and expected to be billed (FY 2020-21) by APSPDCL.

Category Wise Revenue: (Figures shown in Rs Crores)

Category	2019-20		2020-21	
	APERC Target	Actuals	APERC Target	Present estimate
HT				
Domestic	20.92	16.84	10.82	12.30
Commerical & Others	910.14	1060.90	519.52	338.76
Industry	5639.50	5533.52	3490.86	3167.80
Institutional	515.54	570.66	679.61	474.62
Agriculture & Related	1851.69	1119.08	1083.53	1526.88
RESCO's	24.80	35.64	33.57	40.75
HT Total	8962.59	8336.65	5817.92	5561.11
LT				
Domestic	3526.63	3930.03	2246.99	2201.90
Commerical & Others	2068.24	1781.67	1063.36	812.77
Industry	835.22	843.10	421.00	418.13
Institutional	535.23	591.58	633.26	525.68
Agriculture & Related	936.93	734.69	567.61	343.80
LT Total	7902.26	7881.07	4932.21	4302.28
Grand Total (LT+HT)	16864.85	16217.72	10750.13	9863.39

5 Retail Supply Business True-up for FY 2019-20

The audit for the FY 2019-20 is provisionally completed and Statutory & CAG Audit is pending. The licensee will file True-up of Power purchase cost for FY 2019-20 after completion of the same.

6 ARR Projections for FY 2021-22

Sales Estimates for FY 2021-22

The licensee has adopted Monthly Trend based on Time Series Data approach for forecasting the category-wise sales for the ensuing year. As the name suggests, the licensee has considered the historical growth trend observed in the sales of categories for the last 5 years from FY 2015-16 to FY 2019-20 and the same has been applied to compute the sales for H2 FY 2020-21 also for FY 2021-22. The sales so computed are moderated based on the other relevant inputs such as underlying economic growth drivers, number of pending applications etc. The historical sales growth of 5 districts are used to project the sales of 5 districts for H2 FY 2020-21 & FY 2021-22. The total sales forecast for key categories is as follows:

Category	2020-21 (H1 actuals & H2 Projections) (MU)	2021-22 Projections (MU)
LT Supply	15096.09	16122.84
Domestic	5050.17	5184.08
Commerical & Others	724.63	847.59
Industry	482.34	544.90
Institutional	638.52	700.60
Agriculture & Related	8200.44	8845.67
HT Supply	7053.79	8149.38
Domestic	15.27	12.42
Commerical & Others	274.22	325.71
Industry	3823.58	4405.30
Institutional	495.50	691.38
Agriculture & Related	1998.45	2195.04
Resco	446.77	519.54
Total	22149.87	24272.22

Due to optimum energy availability in the state, the licensee is not considering any load relief in H2 of FY 2020-21 and FY 2021-22.

Category	2020-21 (H1 actuals & H2 Projections) (MU)	2021-22 Projections (MU)
LT Supply	3.33%	6.80%
Domestic	4.34%	2.65%
Commerical & Others	-25.30%	16.97%
Industry	-6.78%	12.97%
Institutional	3.24%	9.72%
Agriculture & Related	7.00%	7.87%
HT Supply	-6.80%	15.53%
Domestic	-18.74%	-18.69%
Commerical & Others	-33.78%	18.78%
Industry	-12.29%	15.21%
Institutional	-31.22%	39.53%
Agriculture & Related	24.71%	9.84%
Resco	-1.37%	16.29%
Total	-0.13%	9.58%

Number of hours of Supply to LT Agricultural Consumers in FY 2020-21:

The licensee would like to continue with existing 9 hours of power supply to agricultural consumers in FY2021-22.

Revenue estimate at Current Tariffs for APSPDCL in FY 2021-22

Revenue projected at current tariffs incl. NTI is Rs. 10908.09 Crs. Revenue from key categories at current tariff for FY 2021-22 is shown below:

Category	Revised Estimate for FY 2020-21 (Crs.)	FY 2021-22 (Crs.)
LT Supply	4302.28	4575.18
Domestic	2201.90	2171.48
Commerical & Others	812.77	953.81
Industry	418.13	470.17
Institutional	525.68	577.21
Agriculture & Related	343.80	402.50
HT Supply	5561.11	6332.91
Domestic	12.30	11.46
Commerical & Others	338.76	391.12
Industry	3167.80	3580.55
Institutional	474.62	631.28
Agriculture & Related	1526.88	1672.07
Resco	40.75	46.44
Total	9863.39	10908.09

Power Purchase Requirement and Cost Estimate for the state of Andhra Pradesh for FY 2021-22

Consequent to the bifurcation of the erstwhile State of Andhra Pradesh as per the Andhra Pradesh Reorganization Act, 2014 (Central Act No. 6 of 2014, dated 01.03.2014), the Southern Power Distribution Company of AP Ltd. (APSPDCL) and the Eastern Power Distribution Company of AP Ltd. (APEPDCL) emerged as the Distribution Licensees of the present State of Andhra Pradesh. Two more Districts viz. Karnool & Anantapuramu were segregated from the erstwhile APCPDCL (now TSSPDCL) and included into the service area of APSPDCL with effect from 2nd June 2014. The State Government after careful consideration in December 2019 have carved out APCPDCL consisting of Krishna, Guntur & Prakasam Districts, from the service area of APSPDCL.

Ever since the third transfer scheme has been notified in the year 2005, the PPAs have been vested with the APDISCOMs. The contracted capacities in the PPAs have been shared proportionately based on Ratios fixed by the State Govt. from time to time, with an exception to Non-Conventional / Renewable Energy sources which were shared based on geographical locations for the most part of the previous period. Vide Go RT No. 118, dt 27-07-2017 State Govt. ordered that the NCE Capacities shall be allocated in power sharing ratio for APEPDCL & APSPDCL. Later vide Go RT No. 116, dt 1-10-2019 orders were issued for cancellation of the previous GO, with regard to sharing of NCE/RE PPAs. Accordingly, for the Current Financial Year (CY) and the Ensuing Financial Year (EY), the NCE/RE projects have been considered on geographical basis for the purpose of evaluation of Power Purchase costs of APDISCOMs. Consequent to formation of APCPDCL which has commenced business operations w.e.f. 1st April 2020, the State Govt vide GO Ms No 13, dt 6th April 2020 have specified Ratios to the three DISCOMs, that will be applicable for all the existing Power Purchase Agreements (PPAs) of combined purchases in respect of all on going and under construction Generation Stations for which PPAs have been signed except for the projects exclusively allocated on the basis of geographical location by the Government of Andhra Pradesh and other PPAs entered into by individual DISCOMs. Presently the ratios of APEPDCL, APSPDCL and APCPDCL (Distribution Licensees in AP) in the Power Purchase Agreements (PPAs) in pursuant to the above, are indicated as below:

Sl.No.	Name of Discom	Allocated Share in %
1	APSPDCL	40.44%
2	APEPDCL	36.22%
3	APCPDCL	23.34%
	Total	100.00%

The details of capacities being availed by APDISCOMs from various power stations have been described in the subsequent paragraphs.

APGENCO & APPDCL STATIONS : APDISCOMs have been purchasing power from APGENCO & APPDCL Stations based on the long term PPAs/approval of Hon'ble APERC. Consequent to the Power Regulations imposed by APGenco on TS DISCOMs and TS Genco on APDISCOMs, power supply from thermal power projects located in TS has been stopped and APDISCOMs are availing 100% of AP Genco capacities, with effect from 11-06-2017.

CENTRAL GENERATINGSTATIONS : APDISCOMs have been purchasing power from Central Generating Stations owned /controlled by Central Public Sector Undertakings (CPSUs) based on the

long term PPAs. The PPA with NTPC Ramagundam I & II was expired on 31.10.2017 and the PPA with NLC TPS-II Stage-I & II is going to expire by 31.03.2021. Power procurement is continued from Ramagundam I & II plant and NLC TPS-II stage-I & II owing to its low price. As the cost of bundled power was more than solar power in respect of 250 MW M/s Solarrepro (Solar power developer). a letter was addressed to CMD/NTPC with a copy to the Secretary, MOP/GOI requesting for deallocation of 125 MW thermal power allocated against 250 MW solar power from M/s Solarrepro by mentioning the Clause G of the PSA of Bundled power Scheme. After prolonged correspondences, CEA has deallocated the 125 MW thermal power from NTPC WR stations w.e.f 16.10.2020.

THERMAL – INDEPENDENT POWER PRODUCERS

Sembcorp Energy India Limited (Formerly Thermal Powertech Corporation India Limited): APDISCOMs and Telangana DISCOMs signed PPA with the company for a contracted capacity of 500 MW under Long term basis through case-I bidding for a period of 25 years w.e.f. 20.04.2015. APDISCOMs share of contracted capacity in the plant is 46.11% i.e., 230.55 MW out of the said total contracted capacity of 500 MW. The plant is connected to CTU network in AP. As per the PPA, APDISCOMs are obligated to reimburse the applicable LongTerm Open Access (LTOA) charges to the generator.

KSK Mahanadi Power Corporation Limited: APDISCOMs have PPA with KSK Mahanadi Power Corporation Limited for a contracted capacity of 400 MW. The PPA is valid up to 31.03.2021. The plant is located in Western Region and is connected to the CTU network. As per the PPA, APDISCOMs are obligated to reimburse the applicable Medium Term Open Access (MTOA) charges to the generator. The generator is not supplying power since 13-07-2020 and is not expected to resume supply in the Current Financial Year. Since the PPA is expiring by 31st March-2021, availability from this plant is not considered in the ARR calculations.

Hinduja: M/s Hinduja has set up 1040 MW (2X520 MW) Thermal Power Plant at Visakhapatnam. In pursuant to the directions of Hon'ble APTEL power was availed till 18th July 2020. The issue of procurement of power from this plant is presently subjudice at Hon'ble Supreme Court of India and as such power is not procured from this plant.

Gas based Projects:

GGPP (Godavari Gas Power Plant-216.824 MW, formerly GVK PHASE-I) : The PPA with GVK-I expired on 19.06.2015. Subsequently, APDISCOMs bought the power plant on 22.04.2016 and renamed it as GGPP. The plant is being operated by the employees deputed from APGENCO. GoAP vide letter dated 04.05.2018 approved the proposal of APDISCOMs to hand over the plant to APGENCO. The process of handing over the plant is under progress. APDISCOMs are at present dispatching the energy from this plant based on the approval given by Hon'ble APERC in the Retail Tariff Order for FY 2020-21. APDISCOMs propose to avail the power from this plant during FY 2021-22 also subject to the approval of Hon'ble APERC.

SPGL(Spectrum Power Generation Limited-205.187MW): The PPA with the plant got expired on 18.04.2016, APDISCOMs are presently procuring power from M/s SPGL on short term basis during the Financial Year 2021 as per the orders issued by the Hon'ble APERC in vogue.

Lanco Kondapalli Power- 362 MW: The PPA with the plant got expired on 01-01-2016, APDISCOMs are presently procuring power from M/s Lanco on short term basis during the Financial Year 2021 as per the orders issued by the Hon’ble APERC in vogue. It is further to state that, the tenure of the Gas Supply Agreements (GSAs) pertaining to M/s SPGL and M/s Lanco with GAIL is ending by 5th July, 2021 and the AP State Govt has already requesting concerned authorities in Ministry of Petroleum and Natural Gas (MoPNG) and Ministry of Power (MoP) to reallocate cheaper APM Gas to the DISCOMs’ owned GGPP plant for operating the same at optimum level, in the interest of Electricity consumers in the State.

GAS – NEW INDEPENDENT POWER PRODUCERS : APDISCOMs of erstwhile united AP State entered into long term PPAs with GVK Extension (220 MW), GVPGL(GMR Vemagiri Power Generation Limited-370 MW), Gouthami CCPP(464 MW) and Konaseema Gas Power Limited(444.08 MW). These new IPPs were commissioned during the years 2006 (GVPGL), 2009 (GVK Extension, Gouthami CCPP) and 2010 (Konaseema Gas Power Limited). After bifurcation of AP State, APDISCOMs of the present AP State were allocated 46.11% of share of capacity in these plants. The Natural gas supplies from RIL KG D-6 fields to the aforesaid IPPs became zero w.e.f. 01.03.2013. As a result, there is no generation from these plants as of now. Further, there is no official communication from MoP&NG on the availability of natural gas to these plants. The e-bid RLNG Scheme ended by 31.03.2017 and MoP/GOI has not extended the scheme. Therefore, APDISCOMs are not proposing to procure any power from these plants. Further, APDISCOMs are not presently paying any fixed charges to these plants.

APGPCL (AP GAS POWER CORPORATION LIMITED) : APGPCL is a joint sector gas-based power project wherein AP Transco is a one of the participating industry. APDISCOMs are availing power from this project to the extent of APTRANSCO’s equity share in the project.

Further, Govt. of AP addressed letter to MoP&NG cancellation of allocation of APM Gas to APGPCL and reallocate to GGPP(Godavari Gas Power Plant) owned by APDISCOMs/ APGENCO to run at full capacity in the interest of consumers in the state vide letter dated 05.10.2020.

The Power is being procured to the extent of shareholding of APTRANSCO in this project and APGPCL didn’t furnish any particulars on expected power allocation to AP DISCOMs for the ensuing FY 2021-22.

RENEWABLE ENERGY PLANTS The NCE/RE projects have been allocated to the APDISCOMs based on Geographical Location

ENERGY REQUIREMENT : The DISCOM wise Energy Requirement are tabulated below.

DISCOM	FY 2020-21	FY 2021-22
APEPDCL	22581.25	25016.18
APCPDCL	15088.41	15956.64
APSPDCL	24850.05	27395.59
Total	62519.71	68368.41

The energy requirement of APDISCOMs has been arrived at by grossing up the sales with appropriate transmission and distribution losses. The external losses (PGCIL losses) on the power purchased from CGS (excluding NTPC Simhadri-I), KSK Mahanadi and Sembcorp Energy India Limited have also been factored for arriving at the above energy requirement.

PP COST SUMMARY : Based on the availability, requirement and costs for each source, the summary of power purchase cost for APSPDCL for the Current Financial Year FY 2020-21 is projected as follows:

SPDCL- PP Summary _FY 2020-21

Ownership/Source	Dispatch	Fixed Costs (Rs Crs)	Variable Cost (Rs Crs)	Total Cost (Rs/Crs)	PU FC	PU VC	PU TC
AP Genco-thermal	4948.90	1117.47	1712.03	2829.50	2.26	3.46	5.72
CGS	5736.85	823.15	1644.41	2467.56	1.43	2.87	4.30
Thermal-IPPs	1434.47	159.89	418.37	578.25	1.11	2.92	4.03
Joint Sector	4013.06	722.48	1234.08	1956.57	1.80	3.08	4.88
Hydel	1279.03	243.21	0.00	243.21	1.90	0.00	1.90
NCE/RE	13276.69	-	6021.37	6021.37	0.00	4.54	4.54
Market/Short Term	2380.55	0.00	748.65	748.65	0.00	3.14	3.14
D<>D	-8,219.49	-	-3,679.47	-3679.47	0.00	4.48	4.48
Total	24850.05	3066.21	8099.43	11165.64	1.23	3.26	4.49

Based on the availability, requirement and costs for each source, the summary of power purchase cost for Andhra Pradesh for FY 2021-22 is projected as follows:

SPDCL- PP Summary _FY 2021-22

Ownership/Source	Dispatch	Fixed Costs (Rs Crs)	Variable Cost (Rs Crs)	Total Cost (Rs/Crs)	PU FC	PU VC	PU TC
AP Genco-thermal	7783.27	1107.28	2698.97	3806.24	1.42	3.47	4.89
CGS	6972.33	813.95	2124.85	2938.81	1.17	3.05	4.21
Thermal-IPPs	682.42	115.72	166.71	282.43	1.70	2.44	4.14
Joint Sector	4917.63	731.57	1501.27	2232.83	1.49	3.05	4.54
Hydel	1299.20	248.40	0.00	248.40	1.91	0.00	1.91
NCE/RE	14022.70	0.00	6349.42	6349.42	0.00	4.53	4.53
Market/Short Term	158.85	0.00	58.71	58.71	0.00	3.70	3.70
D<>D	-8,440.81	-	-3,729.28	-3729.28	0.00	4.42	4.42
Total	27395.59	3016.91	9170.66	12187.57	1.10	3.35	4.45

Average Revenue Realized vs Average CoS break up for APSPDCL in FY 2021-22

- Average Revenue Realisation (ARR) for FY 2021-22 through proposed tariffs is Rs.4.66/kWh
- Average Cost of Supply (CoS) for APSPDCL - Rs. 7.32/kWh
- Average CoS break-up (per unit of Sales) for APSPDCL is as follows:-

Particulars	FY 2020-21 Approved (Rs./Unit)	FY 2020-21 Projected (Rs./Unit)	FY 2021-22 Projected (Rs./Unit)
Power Purchase cost	4.71	4.49	4.45
T&D Loss Cost	0.67	0.55	0.57
Network Cost	1.75	1.82	1.98
Other Cost	0.01	0.28	0.32
Cost of Service	7.14	7.14	7.32

- The estimated revenue gap for the licensee for FY 2021-22 is as follows:

S.No.	Particulars	FY 2021-22
A	Aggregate Revenue Requirement	17768.00
B	Revenue from Current Tariffs (Net of incentives) (Rs. Crs.)	10908.09
C	Revenue changed through proposed tariff	406.54
D	Revenue from Cross Subsidy Surcharge	123.19
E	Revenue from Additional Surcharge	0.00
F	Revenue from REC	304.30
G = (B+C+D+E+F)-A	Revenue (Deficit) / Surplus (Rs. Crs.)	-6025.89

7 Tariff Proposal

Licensees proposes to continue with same 5 Main categories in LT as well as 5 Main categories in HT as approved by Hon'ble Commission during FY 2020-21.

The following changes have been proposed:

LT Cat-I : Domestic : The licensee proposes to dispense with the monthly minimum charges and instead proposes levy of fixed charges @ Rs.10/KW/Month and part thereof of contracted load.

LT-II Commercial (iv) Function Halls: Existing Fixed Charges of Rs 100/KW/Month in LT Function Halls is removed to disincentivise Diesel Generator sets and increase Sales in this category.

LT-V Agriculture: Existing Poultry Hatcheries & Feed Mixing Plants V- C (i) and Aqua hatcheries & Feed Mixing Plants V-C (ii) at LT & HT are merged in III-A Industrial General respectively at LT & HT.

HT-I Domestic: Group Housing Societies, Housing societies, Apartment Complexes/Buildings, Townships, Colonies, Gated Communities and Villas. Existing housing societies, consumer(s)/ residents' associations, Apartment complexes/buildings, townships, colonies, gated communities etc. may opt for this facility and conversion will be done at free of cost. All new Group housing societies, Apartment Complexes/Buildings, Townships, Industrial Colonies, Gated Communities will be given the single point HT connection facility under HT-I Domestic. The classification of these categories will be as per the building permits/ layout permits issued by competent authority.

HT -III : Industrial : Proposed to change the Morning Peak ToD Timings from 6:00-10:00 to 4:00-8:00 inline with the incidence of Agriculture Load. Accordingly new ToD Off Peak Timings are 10:00 P:M to 4:00 A:M.

HT-III : Industrial : Existing Load Factor based HT Incentive scheme is proposed to be discontinued from the next Financial Year

HT-II (B) : Startup Power : It is proposed to expand coverage to include Merchant Plants / IPPs which don't have PPAs with AP DISCOMs.

Resco : It is proposed to supply power to Rescos at bulk supply rate without considering GoAP subsidy and the Rescos are allowed to claim the subsidy as approved by the Honourable APERC from GoAP.

8 Cross Subsidy Surcharge

The licensee has calculated the cross surcharge subsidy based on the formula specified in the revised National Tariff Policy issued on 28.01.16.

As per the said Tariff Policy, the surcharge is to be computed as per the following formula;

$$S = T - [C / (1 - L/100) + D + R]$$

Where, 'S' in Rs./unit is the Cross Subsidy Surcharge ,

'T' is the tariff payable by the relevant category of consumers in Rs./unit, including reflecting the Renewable Purchase Obligation,

'C' is the per unit weighted average cost of power purchase by the Licensee, including meeting the Renewable Purchase Obligation in Rs./unit ,

'D' is the aggregate of transmission, distribution and wheeling charge applicable to the relevant voltage level in Rs./unit and 'L' in percentage is the aggregate of transmission, distribution and commercial losses, applicable to the relevant voltage level and

'R' is the cost of carrying regulatory assets in Rs./kWh.

Provided that the surcharge shall not exceed 20% of the tariff applicable to the category of the consumers seeking open access.

The category-wise CSS computation for APSPDCL for FY 2021-22 is as follows:

Category		Average Revenue Realization (Only Demand & Energy Charges)	Per Unit Cost of Power Purchase	Wheeling Charges	Applicable Loss	Cost of Regulatory Asset	CSS (Rs./Unit)	20 % of Average Revenue Realization	Applicable CSS (Rs./Unit)
11 KV									
I	B	Townships & Colonies	8.13	4.45	1.34	9.71%	0	1.87	1.63
II	A	Commercial & Others	11.63	4.45	1.34	9.71%	0	5.36	2.33
II	iv	Function Halls/Auditoriums	12.25	4.45	1.34	9.71%	0	5.99	2.45
II	B	Start up power	12.25	4.45	1.34	9.71%	0	5.99	2.45
II	D	Green Power	12.25	4.45	1.34	9.71%	0	5.99	2.45
III	A	Industrial General	8.35	4.45	1.34	9.71%	0	2.09	1.67
III	B	Seasonal Industries	16.68	4.45	1.34	9.71%	0	10.42	3.34
III	C	Energy Intensive	5.80	4.45	1.34	9.71%	0	0.00	1.16
IV	A	CPWS	9.98	4.45	1.34	9.71%	0	3.71	2.00
IV	B	General Purpose	11.43	4.45	1.34	9.71%	0	5.17	2.29
IV	C	Religious Places	5.27	4.45	1.34	9.71%	0	0.00	1.05
V	B	Aqua and Animal Husbandry	4.01	4.45	1.34	9.71%	0	0.00	0.80
V	E	Govt./ Pvt. Lift Irrigation	7.15	4.45	1.34	9.71%	0	0.89	1.43
33 KV									
I	B	Townships & Colonies	6.25	4.45	0.67	6.58%	0	0.82	1.25
II	A	Commercial & Others	11.99	4.45	0.67	6.58%	0	6.56	2.40
II	iv	Function Halls/Auditoriums	0.00	4.45	0.67	6.58%	0	0.00	0.00
II	B	Start up power	12.25	4.45	0.67	6.58%	0	6.82	2.45
II	D	Green Power	12.25	4.45	0.67	6.58%	0	6.82	2.45
III	A	Industrial General	7.44	4.45	0.67	6.58%	0	2.01	1.49
III	B	Seasonal Industries	0.00	4.45	0.67	6.58%	0	0.00	0.00
III	C	Energy Intensive	5.35	4.45	0.67	6.58%	0	0.00	1.07
IV	A	CPWS	8.71	4.45	0.67	6.58%	0	3.27	1.74
IV	B	General Purpose	11.03	4.45	0.67	6.58%	0	5.60	2.21
IV	C	Religious Places	5.14	4.45	0.67	6.58%	0	0.00	1.03
V	B	Aqua and Animal Husbandry	0.00	4.45	0.67	6.58%	0	0.00	0.00
V	E	Govt./ Pvt. Lift Irrigation	7.15	4.45	0.67	6.58%	0	1.72	1.43
132 KV									
I	B	Townships & Colonies	0.00	4.45	0.57	3.46%	0	0.00	0.00
II	A	Commercial & Others	9.09	4.45	0.57	3.46%	0	3.91	1.82
II	iv	Function Halls/Auditoriums	0.00	4.45	0.57	3.46%	0	0.00	0.00
II	B	Start up power	12.25	4.45	0.57	3.46%	0	7.07	2.45
II	D	Green Power	0.00	4.45	0.57	3.46%	0	0.00	0.00
III	A	Industrial General	7.73	4.45	0.57	3.46%	0	2.55	1.55
III	B	Seasonal Industries	0.00	4.45	0.57	3.46%	0	0.00	0.00
III	C	Energy Intensive	4.95	4.45	0.57	3.46%	0	0.00	0.99
IV	A	CPWS	0.00	4.45	0.57	3.46%	0	0.00	0.00
IV	B	General Purpose	0.00	4.45	0.57	3.46%	0	0.00	0.00
IV	C	Religious Places	0.00	4.45	0.57	3.46%	0	0.00	0.00
IV	D	Railway Traction	8.45	4.45	0.57	3.46%	0	3.27	1.69
V	B	Aqua and Animal Husbandry	0.00	4.45	0.57	3.46%	0	0.00	0.00
V	E	Govt./ Pvt. Lift Irrigation	7.15	4.45	0.57	3.46%	0	1.97	1.43

9 Additional Surcharge

The licensee will attempt to make supplemental submissions for determination of additional surcharge.

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

- a. Take the accompanying ARR, Tariff Proposal, Cross Subsidy Surcharge Application for FY 2021-22 of APSPDCL on record and treat it as complete;
- b. Grant suitable opportunity to APSPDCL within a reasonable time frame to file additional material information that may be subsequently available;
- c. Consider and approve APSPDCL's ARR and Tariff application including all requested regulatory treatments in the filing;
- d. Pass such order as the Honourable Commission may deem fit and proper in the facts and circumstances of the case.

SOUTHERN POWER DISTRIBUTION COMPANY OF ANDHRA PRADESH LIMITED

(APPLICANT)

Through


**Executive Director / RAC & Plg.
APSPDCL, Tirupati**

Place: Tirupati
Dated 29-11-2020

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1 Introduction

1.1 Filings based on Multi-Year Tariff (MYT) Principles

The Andhra Pradesh Electricity Regulatory Commission framed the “Terms and Conditions for determination of Tariff for Wheeling and retail supply of electricity” Regulation 4 of 2005 and First Amendment Regulation 2014 (“Regulation 1”), lays down the principles for determination of Aggregate Revenue Requirement (ARR) for (a) Distribution Business and (b) Retail Supply Business of the licensees. The ARR so determined for each of the businesses will form the basis for fixation of charges for wheeling and for retail sale of electricity.

In the Regulation, the Commission has also laid down the procedures for filing under multi-year tariff principles. The multi-year period is defined as the Control Period and the first Control Period is defined as the three year period starting from financial year 2006-07 and continuing till the end of financial year 2008-09. The second control period was defined as the five year period starting from FY 2009-10 to FY 2013-14. The third control period was defined as the five year period starting from FY 2014-15 to FY 2018-19. The current filing pertains to the fourth Control Period (FY 2019-20 to FY 2023-24). The Commission has specified in Para 6.2 of the Regulation the following procedure for ARR filing for the distribution and retail supply business:

“The ARR filing for the Distribution business shall be for the entire Control Period. For the Retail Supply business the ARR filing will be on annual basis”

The licensee has requested the Honourable APERC for permission to file the ARR & Tariff petitions relating to Retail Supply Business on Annual basis for FY 2021-22, which is the third year of the 4th control period and the Honourable APERC has permitted the licensees to file the same on Annual basis vide Proceedings No.T-87/07/2020, dt.17-09-2020.

1.2 Filing Contents

The filing is structured in the following way:

Analysis of expected performance for FY 2020-21 for Retail Supply Business

Expenditure Projections

- Power Purchase Cost
 - Power Purchase and Procurement Cost
- Transmission Charges
- PGCIL & ULDC Charges
- SLDC Charges
- Distribution Cost
- Interest on Consumer Security Deposits
- Supply Margin
- Other Costs
- Aggregate Revenue Requirement for Retail Supply Business

Revenue Projections

- Sales Forecast
- Revenue from Current Tariffs
- Non-tariff Income at Current Charges
- Revenue at Current Tariffs and Charges
- Revenue from RE certificates
- Revenue from Cross Subsidy Surcharge

Revenue Gap

- Revenue Deficit / Surplus at Current Tariff and Charges
- Proposals to handle the Deficit / Surplus
- Government Subsidy Requirement

Other Filings

Cross Subsidy Surcharge

The sales forecast has been used to determine the revenue from tariff for retail sale of electricity for the third year of the fourth control period i.e. FY 2021-22 and the energy input required for meeting the demand. The power procurement plan is based on the availability of the generation sources during FY 2021-22, cost of procurement (fixed, variable and others) and the merit order dispatch of various sources to meet the demand expected during various months.

Due to granting of license to APCPDCL for carrying out distribution activities in Krishna, Guntur & Prakasam districts with effect from 01-04-2020, all the figures / data upto FY 2019-20 is considered for 8 districts and from FY 2020-21 onwards are considered for balance 5 districts i.e., Nellore, Chittoor, Kadapa, Anantapur & Kurnool districts.

2 Analysis of expected performance for Current Year FY 2020-21 for Retail Supply Business

2.1 Introduction

This chapter analyses the performance of the licensee during the Current Year as compared to the previous year. Only the key operating and financial parameters have been considered for this analysis.

2.2 Operating Performance

2.2.1 Energy Balance

Particulars	2019-20				2020-21			
	APERC Order		Actuals		APERC Order		Present Estimate	
	MU	%	MU	%	MU	%	MU	%
Metered Sales (incl. EHT)	27662.32	68.67%	26217.76	68.47%	16311.94	62.44%	14616.38	60.49%
LT Agricultural Sales	9504.38	23.59%	8940.84	23.35%	7703.89	29.49%	7533.49	31.18%
Total Sales	37166.70	92.26%	35158.60	91.81%	24015.82	91.93%	22149.87	91.66%
EHT Sales	6214.85		4453.83		4046.89		3547.43	
DISCOM Input (Exc. EHT sales)	34070.96		33839.53		22078.17		20617.38	
DISCOM Losses (Exc. EHT sales)		9.15%		9.26%		9.55%		9.77%
DISCOM Input	40285.81	100.00%	38293.36	100.00%	26125.06	100.00%	24164.81	100.00%
Loss Including EHT Sales %		7.74%		8.19%		8.07%		8.34%

2.2.2 Distribution Loss

Year	Actual		No. of 11 KV T & Mhq. feeders for which energy audit done	11 KV 2 MVAR capacitor banks added to the system	Additional 33/11 KV sub-stations charged
	Excl. EHT (%)	Incl. EHT (%)			
FY 2009-10	14.03	12.98	823		90
FY 2010-11	13.37	12.21	853	122	13
FY 2011-12	12.53	11.29	866	136	67
FY 2012-13	11.87	10.71	966	193	128
FY 2013-14	11.84	10.68	1024	35	208
FY 2014-15	11.72	10.33	1348	75	75
FY 2015-16	9.57	8.47	1424	35	33
FY 2016-17	9.54	8.47	1563	30	30
FY 2017-18	9.56	8.31	1636	112	112
FY 2018-19	9.45	8.26	1764	32	32
FY 2019-20	9.26	8.19	1775	47	47
FY 2020-21 (H1)	9.77	8.34	938	14	14

As seen from the above table, the actual losses for the FY 2019-20 is 8.19% and reduced compared to previous year loss of 8.26%. The licensee is expected to meet voltage wise loss level targets set by the Honourable APERC. The licensee has taken following steps to reduce the losses further.

- Strict monitoring of feeders to ensure the assured number of hours of supply to agricultural sector.
- Reduction of both technical and commercial losses by vigorously conducting 11 KV feeder wise energy audits around 1775 Nos. feeders in the company.
- Erection of additional substations, DTRs, 11KV capacitor banks and bifurcation of feeders, etc.,
- HVDS conversion of balance agricultural pumpsets.
- Moving to monthly billing across the DISCOMS and rolling out of IR port meters or other new metering technologies.

During the year 2011-12, 866 Nos. 11 KV Town & MHQ feeders were considered for energy audit whereas during the FY 2019-20, 1775 Nos. feeders are available in E-AUDIT for which energy audit is done on regular basis at corporate office level.

47 Nos. additional 11 KV 2 MVAR capacitor banks were proposed for erection during the FY 2019-20 and completed.

For the year 2019-20, 47 Nos. additional 33/11KV sub-stations were charged and for the year FY2020-21 (H1), 14 Nos. were charged to reduce over loaded substations, 33 KV & 11 KV lines and to maintain good voltage profiles at the consumers end.

2.2.3 Metered Sales

As can be seen from the table above (Table No.2.2.1), in 2019-20, the percentage of metered sales is 68.47 % as against 65.89% during 2018-19.

The total load curtailment (due to Load relief) during FY 2019-20 is 35.50 MU, which is very negligible and which is due to certain emergencies. In FY 2020-21, the metered sales are expected to 60.49%.

2.2.4 Agricultural Sales

In the previous year 2019-20 the actual Agriculture Consumption is 8940.84 MU. In the current year FY 2020-21 (H1), the agriculture consumption is 3637.26 MU and the projection for the entire year is 7533.49 MU, which is 170.40 MU (-2.21%) less over the approved agricultural sales.

2.3 Financial Performance

2.3.1 Revenues

For the key categories, the licensee has estimated the revenue as below:

The actual revenue during FY 2019-20 is Rs. 17566.57 crores (including non-tariff income). The NTI during FY 2019-20 is Rs.1014.49 crores. During FY 2020-21, the estimated revenue from sale of power (inclusive of Non-tariff income) is Rs. 9859.62 crores. The expected NTI during FY 2020-21 is Rs. 748.41 crores.

Category	2019-20		2020-21	
	APERC Target	Actuals	APERC Target	Present estimate
HT				
Domestic	20.92	16.84	10.82	12.30
Commerical & Others	910.14	1060.90	519.52	338.76
Industry	5639.50	5533.52	3490.86	3167.80
Institutional	515.54	570.66	679.61	474.62
Agriculture & Related	1851.69	1119.08	1083.53	1526.88
RESCO's	24.80	35.64	33.57	40.75
HT Total	8962.59	8336.65	5817.92	5561.11
LT				
Domestic	3526.63	3930.03	2246.99	2201.90
Commerical & Others	2068.24	1781.67	1063.36	812.77
Industry	835.22	843.10	421.00	418.13
Institutional	535.23	591.58	633.26	525.68
Agriculture & Related	936.93	734.69	567.61	343.80
LT Total	7902.26	7881.07	4932.21	4302.28
Grand Total (LT+HT)	16864.85	16217.72	10750.13	9863.39

2.3.2 Expenditure and Revenue Gap

The following table provides an overview of APSPDCL's financial performance for the current year and compares it with the APERC orders:

2020-21		
Particulars	Approved	Present Estimate
Transmission Cost	827.23	827.24
SLDC Cost	13.67	40.65
Distribution Cost	2649.20	2649.06
PGCIL Expenses	704.21	520.21
ULDC Expenses	1.86	3.59
Network and SLDC Cost (A)	4196.17	4040.76
Power Purchase/Procurement Cost	12921.09	11165.64
Interest on Consumer Security Deposits	103.18	94.88
Supply Margin	23.19	23.15
Other Cost	43.94	38.26
Cost of FY 2019-20 Adjusted	137.74	
Supply Cost (B)	12953.66	11321.94
Gross ARR (A+B)	17149.83	15362.70
Total Revenue earned	11534.51	10280.64
Tariff Income	10749.45	9114.98
Non Tariff Income, CSC & RE	785.06	1165.67
Surplus (Gap)	(5615.32)	(5082.06)
Subsidy	5615.32	5615.32
Net Regulatory Gap	0.00	533.26

3 Power Purchase Cost for Current Year (FY 2020-21) Second Half and Ensuing Year (FY 2021-22)

3.1 INTRODUCTION

Consequent to the bifurcation of the erstwhile State of Andhra Pradesh as per the Andhra Pradesh Reorganization Act, 2014 (Central Act No. 6 of 2014, dated 01.03.2014), the Southern Power Distribution Company of AP Ltd. (APSPDCL) and the Eastern Power Distribution Company of AP Ltd. (APEPDCL) emerged as the Distribution Licensees of the present State of Andhra Pradesh. Two more Districts viz. Karnool & Anantapuramu were segregated from the erstwhile APCPDCL (now TSSPDCL) and included into the service area of APSPDCL with effect from 2nd June 2014. The State Government after careful consideration in December 2019 have carved out APCPDCL consisting of Krishna, Guntur & Prakasam Districts, from the service area of APSPDCL.

Ever since the third transfer scheme has been notified in the year 2005, the PPAs have been vested with the APDISCOMs. The contracted capacities in the PPAs have been shared proportionately based on Ratios fixed by the State Govt. from time to time, with an exception to Non-Conventional / Renewable Energy sources which were shared based on geographical locations for the most part of the previous period. Vide Go RT No. 118, dt 27-07-2017 State Govt. ordered that the NCE Capacities shall be allocated in power sharing ratio for APEPDCL & APSPDCL. Later vide Go RT No. 116, dt 1-10-2019 orders were issued for cancellation of the previous GO, with regard to sharing of NCE/RE PPAs. Accordingly, for the Current Financial Year (CY) and the Ensuing Financial Year (EY), the NCE/RE projects have been considered on geographical basis for the purpose of evaluation of Power Purchase costs of APDISCOMs.

Consequent to formation of APCPDCL which has commenced business operations w.e.f. 1st April 2020, the State Govt vide GO Ms No 13, dt 6th April 2020 have specified Ratios to the three DISCOMs, that will be applicable for all the existing Power Purchase Agreements (PPAs) of combined purchases in respect of all on going and under construction Generation Stations for which PPAs have been signed except for the projects exclusively allocated on the basis of geographical location by the Government of Andhra Pradesh and other PPAs entered into by individual DISCOMs.

Presently the ratios of APEPDCL, APSPDCL and APCPDCL (Distribution Licensees in AP) in the Power Purchase Agreements (PPAs) in pursuant to the above, are indicated as below:

Sl.No.	Name of Discom	Allocated Share in %
1	APSPDCL	40.44%
2	APEPDCL	36.22%
3	APCPDCL	23.34%
	Total	100.00%

The details of capacities being availed by APDISCOMs from various power stations have been described in the subsequent paragraphs.

3.2 CONTRACTED CAPACITY BY DISCOMS

3.2.1 APGENCO & APPDCL STATIONS

APDISCOMS have been purchasing power from APGENCO & APPDCL Stations based on the long term PPAs/approval of Hon'ble APERC. Consequent to the Power Regulations imposed by APGenco on TS DISCOMs and TS Genco on APDISCOMs, power supply from thermal power projects located in TS has been stopped and APDISCOMs are availing 100% of AP Genco capacities, with effect from 11-06-2017.

Status of present and proposed capacities being availed/to be availed by APDISCOMs in APGENCO Stations and Interstate Hydel Projects are indicated in the following table.

Station	State Installed Capacity(MW)	ASPDCL's Share (MW)
Thermal		
Dr. NTPS-I, II, III(6 x 210MW)	1260	510
Dr. NTPS-IV(1 x 500MW)	500	202
RTPP-I(2 x 210MW)	420	170
RTPP-II(2 x 210MW)	420	170
RTPP- III (1 x 210MW)	210	85
RTPP- IV(1x 600MW)	600	243
SDSTPS- Stage I(2 x800MW) – DISCOMs Commitment is 90%	1600	582
Total Thermal	5010	1961
Hydel		
Donkarayi Canal PH (1 x 25MW)	25	10
Upper Sileru HES (4 x 60MW)	240	97
Lower Sileru HES (4 x 115MW)	460	186
Srisailem Right Bank PH (7 x 110MW)	770	311
NagarjunaSagar right canal PH (3x30MW)	90	36
PABR (2 x 10MW)	20	8
Mini Hydel Station (2 x 0.5MW)	1	0
NagarjunaSagar Tail Pond PH (2 x 25MW)	50	20
Interstate Hydel Projects		
Machkund, Orissa (AP share 70%)	84	34
T.B. Station, Karnataka (AP share 80%)	58	23
Total Hydel including Interstate Projects	1798	727
Total APGENCO	6808	2688

3.2.2 CENTRAL GENERATING STATIONS

APDISCOMS have been purchasing power from Central Generating Stations owned /controlled by Central Public Sector Undertakings (CPSUs) based on the long term PPAs. The list of the Stations along with the APDISCOMS' share of power from these Stations (as per the Regional Energy Account issued by SRPC for the month of Oct'20) are indicated in the following table.

Station	State Installed Capacity(MW)	ASPDCL's Share (MW)
NTPC-(SR) Ramagundam I & II	273.42	167.64
NTPC-(SR) Ramagundam- III	68.80	41.72
NTPC-Talcher-II	175.20	91.23
NTPC Simhadri Stage-I	461.10	186.47
NTPC Simhadri Stage-II	190.00	104.62
NLC TS II Stage-I	47.65	19.27
NLC TS II Stage-II	86.93	35.15
NPC-MAPS	18.40	7.44
NPC-Kaiga 1 & 2	56.28	47.00
NPC-Kaiga 3 & 4	59.95	
Vallur (JV) NTPC with TANGEDCO	87.90	35.56
NLC-TNPL Tuticorin	123.23	49.83
NTPC-Kudigi	215.04	155.56
NTPC JNNSM Phase I	39.27	*39MW clubbed into NTPC plants
NTPC JNNSM Phase II	500.00	*500MW clubbed into NTPC plants
NNTPS	52.80	21.35
Total CGS	2455.94	962.86

The PPA with NTPC Ramagundam I & II was expired on 31.10.2017 and the PPA with NLC TPS-II Stage-I & II is going to expire by 31.03.2021. Power procurement is continued from Ramagundam I & II plant owing to its low price. Relevant clause which allows the DISCOMs to continue to procure power from these plants is indicated as below:

Provided that this Agreement may be mutually extended/ renewed or replaced by another agreement on such terms and for such further period of time as the parties may mutually agree. In case the bulk power recipient continues to get the power from the plant, even after expiry of this agreement without further renewal, or formal extension thereof, then all the provisions of this agreement shall continue to operate till this agreement is formally renewed /extended or replaced.

These two projects are old stations with pithead fuel facility, and are presently operating as “Base Load Stations” in AP Power System with cheaper cost. Average Central Transmission Charges to the extent of Rs 0.8/Unit is currently incurred towards Inter State Transmission Charges under PoC regime, for the procurement of power from all CGS Stations (except Simhadri-I) and other IPPs (Thermal Powertech & KSK) connected at CTU interface. New PoC regulation has been enacted by the Central Electricity Regulatory Commission (CERC) with effect from 1st Novemebr,2020 which changed the paradigm of transmission service usage based charges .With the commencement of new PoC Regulation, CTU charges are expected to be altered and the first bill is expected to be issued in the month of January-21. Based on the results of new PoC regime, and the adequacy of the “Base Load” thermal capacity in the system to extend 24X7 reliable, secured and cost effective power supply to the Consumers, continuance of procurement of power from these pithead stations would be examined. For the purpose of ARR exercise for the Current Financial Year and the Ensuing Financial Year, these projects are taken into account in the Power Purchase Cost calculations.

The variable costs of Ramagundam I & II and NLC TPS-II Stage-I & II even after inclusion of POC Charges (Rs. 3.302per unit and Rs. 3.574per unit) will be less than the V.C of certain APGenco Thermal Stations.

Further, APDISCOMs have been purchasing bundled power of 39.27 MW under JNNSM Phase I and 625 MW under JNNSM Phase II from thermal Stations of NTPC which was allocated by MOP/GOI against the solar power procurement of 39.27 MW and 1250 MW by APDISCOMs respectively. Out of 625 MW thermal power under JNNSM Phase II, 425 MW (w.e.f 21.07.2017) was allocated from NTPC SR Stations and 200 MW (75 MW w.e.f 21.10.2017, 100 MW w.e.f 01.06.2019 & 25 MW w.e.f 01.03.2020) was allocated from NTPC WR Stations.

Clause F of the PSA of the Bundled power agreement under JNNSM Phase II states that the agreed contracted thermal power from different stations of NTPC for bundling shall be as per the allocation letter to be issued by MoP, Govt of India from time to time.

Further, the clause G of this PSA (the Power Supply Agreements under bundled power scheme) states that, ***“if the cost of bundled power is more than the cost of agreed solar power, the APDISCOMs shall have the right to surrender the thermal power at any point of time during the tenure of PPA”***.

The per unit cost of different projects in the overall procurement portfolio of APDISCOMs for FY 19-20 was examined and observed that the cost of bundled power in respect of procurement from 250 MW M/s Solarrepro (Solar power developer) is exceeding the cost of agreed solar power. Hence, a letter was addressed to CMD/NTPC with a copy to the Secretary, MOP/GOI requesting for deallocation of 125 MW thermal power allocated against 250 MW solar power from M/s Solarrepro by mentioning the Clause G of the PSA of Bundled power Scheme. After prolonged

correspondences, CEA has deallocated the 125 MW thermal power from NTPC WR stations w.e.f 16.10.2020.

In the similar lines, a letter was addressed to CMD/NTPC on 24.10.2020 requesting for surrender of balance 500 MW (425 MW from SR and 75 MW from WR) thermal power allocated against 1000 MW solar power from Kurnool Ultra Mega Solar park at Ghani by stating that the cost of bundled power after inclusion of POC charges is on higher side when compared with the cost of solar power. AP is awaiting for reply from CEA in this context.

It is further to mention that in case if CEA accepts the proposal of AP and deallocate the power of 500 MW bundled power under JNNSM ph-II, AP will get the additional firm allocation from NTPC SR plants in addition to the existing firm allocation from the unallocated share of SR pool as per the Gadgil formula standard guidelines.

3.2.3 THERMAL – INDEPENDENT POWER PRODUCERS

Sembcorp Energy India Limited (Formerly Thermal Powertech Corporation India Limited):

APDISCOMs and Telangana DISCOMs signed PPA with the company for a contracted capacity of 500 MW under Long term basis through case-I bidding for a period of 25 years w.e.f. 20.04.2015. APDISCOMs share of contracted capacity in the plant is 46.11% i.e., 230.55 MW out of the said total contracted capacity of 500 MW. The plant is connected to CTU network in AP. As per the PPA, APDISCOMs are obligated to reimburse the applicable LongTerm Open Access (LTOA) charges to the generator.

KSK Mahanadi Power Corporation Limited:

APDISCOMs have PPA with KSK Mahanadi Power Corporation Limited for a contracted capacity of 400 MW. The PPA is valid up to 31.03.2021. The plant is located in Western Region and is connected to the CTU network. As per the PPA, APDISCOMs are obligated to reimburse the applicable Medium Term Open Access(MTOA) charges to the generator. The generator is not supplying power since 13-07-2020 and is not expected to resume supply in the Current Financial Year. Since the PPA is expiring by 31st March-2021, availability from this plant is not considered in the ARR calculations.

Hinduja:

M/s Hinduja has set up 1040 MW (2X520 MW) Thermal Power Plant at Visakhapatnam. In pursuant to the directions of Hon'ble APTEL power was availed till 18th July 2020. The issue of procurement of power from this plant is presently subjudice at Hon'ble Supreme Court of India and as such power is not procured from this plant.

Gas Based Projects:

The installed capacities of the three old Gas based projects, from which APDISCOMs are procuring power under different contractual obligations are as tabulated below.

Station	State Installed Capacity(MW)	ASPDCL's Share (MW)
GGPP	216.82	87.35
SPGL	205.19	0.00
Lanco	362.00	0.00
Total	784.01	87.35

GGPP (Godavari Gas Power Plant-216.824 MW, formerly GVK PHASE-I)

The PPA with GVK-I expired on 19.06.2015. Subsequently, APDISCOMs bought the power plant on 22.04.2016 and renamed it as GGPP. The plant is being operated by the employees deputed from APGENCO. GoAP vide letter dated 04.05.2018 approved the proposal of APDISCOMs to hand over the plant to APGENCO. The process of handing over the plant is under progress. APDISCOMs are at present dispatching the energy from this plant based on the approval given by Hon'ble APERC in the Retail Tariff Order for FY 2020-21. APDISCOMs propose to avail the power from this plant during FY 2021-22 also subject to the approval of Hon'ble APERC.

SPGL(Spectrum Power Generation Limited-205.187MW):

The PPA with the plant got expired on 18.04.2016, APDISCOMs are presently procuring power from M/s SPGL on short term basis during the Financial Year 2021 as per the orders issued by the Hon'ble APERC in vogue.

Lanco Kondapalli Power- 362 MW:

The PPA with the plant got expired on 01-01-2016, APDISCOMs are presently procuring power from M/s Lanco on short term basis during the Financial Year 2021 as per the orders issued by the Hon'ble APERC in vogue.

It is further to state that, the tenure of the Gas Supply Agreements (GSAs) pertaining to M/s SPGL and M/s Lanco with GAIL is ending by 5th July, 2021 and the AP State Govt has already requesting concerned authorities in Ministry of Petroleum and Natural Gas (MoPNG) and Ministry of Power (MoP) to reallocate cheaper APM Gas to the DISCOMs' owned GGPP plant for operating the same at optimum level, in the interest of Electricity consumers in the State.

3.2.4 GAS – NEW INDEPENDENT POWER PRODUCERS

APDISCOMs of erstwhile united AP State entered into long term PPAs with GVK Extension (220 MW), GVPGL(GMR Vemagiri Power Generation Limited-370 MW), Gouthami CCPP(464 MW) and Konaseema Gas Power Limited(444.08 MW). These new IPPs were commissioned during the years 2006 (GVPGL), 2009 (GVK Extension, Gouthami CCPP) and 2010 (Konaseema Gas Power Limited). After bifurcation of AP State, APDISCOMs of the present AP State were allocated 46.11% of share of capacity in these plants. The Natural gas supplies from RIL KG D-6 fields to the aforesaid IPPs became zero w.e.f. 01.03.2013. As a result, there is no generation from these plants as of now. Further, there is no official communication from MoP&NG on the availability of natural gas to these plants. The e-bid RLNG Scheme ended by 31.03.2017 and MoP/GOI has not extended the scheme. Therefore, APDISCOMs are not proposing to procure any power from these plants. Further, APDISCOMs are not presently paying any fixed charges to these plants.

3.2.5 APGPCL (AP GAS POWER CORPORATION LIMITED)

APGPCL is a joint sector gas-based power project wherein AP Transco is a one of the participating industry. APDISCOMs are availing power from this project to the extent of APTRANSCO's equity share in the project. There is a change in the share pattern of APGPCL during the current financial year, by which APGPCL transferred the APTRANSCO shares of Stage-II (42.80MW) to the some of the participating industries as per Article 6 of Articles of Association of the company. The latest share holding pattern is Tabulated below:

Station	State		APSPDCL	
	Capacity Share to AP(MW) as on	Capacity Share to AP(MW) as on	Capacity Share to AP(MW) as on	Capacity Share to AP(MW) as on
	1 st April-2020	1 st November - 2020	1 st April-2020	1 st November - 2020
APGPCL Stage-I	16	16	6	6
APGPCL Stage-II	43	0	17	0
Total	59	16	24	6

Further, Govt. of AP addressed letter to MoP&NG cancellation of allocation of APM Gas to APGPCL and reallocate to GGPP(Godavari Gas Power Plant) owned by APDISCOMs/ APGENCO to run at full capacity in the interest of consumers in the state wide letter dated 05.10.2020.

The Power is being procured to the extent of share holding of APTRANSCO in this project. and APGPCL didn't furnish any particulars on expected power allocation to AP DISCOMs for the ensuing FY 2021-22.

3.2.6 RENEWABLE ENERGY PLANTS

APDISCOMs are having PPAs with the following Non-Conventional/Renewable Energy plants for the second half of FY 2020-21 and FY 2021-22 as given below. Presently these NCE / RE projects have been allocated to the APDISCOMs based on Geographical Location

TYPE OF NCE PROJECT	State		APSPDCL	
	CAPACITY SHARE FY 2020-21 H2	CAPACITY SHARE FY 2021-22	CAPACITY SHARE FY 2020-21 H2	CAPACITY SHARE FY 2021-22
Biomass power projects including Co-gen	135	97	138	127
Bagasse Co generation	95	82		
Mini hydel power projects	52	50		
Industrial waste based power projects	22	22		
Municipal waste	0	30		
Solar	1966	2466	1926	2426
Wind	3757	3757	3757	3757
JNNSM-Ph-I -Bundled_Solar	39	39	39	39
JNNSM-Ph-II -Bundled_Solar	1250	1250	1250	1250
Total	7315	7793	7110	7598

New Thermal Projects:

APGENCO (Thermal) – NTPPS (Stage-V) (formerly VTPS-V) of 800 MW and APPDCL (Thermal) – SDSTPS (Stage-II) of 800 MW

The Amended and Restated PPAs are not signed as on date with APGENCO/ APPDCL by APDISCOMs for supply of power to APDISCOMs.

3.3 ENERGY AVAILABILITY & DISPATCH

3.3.1 Availability:

The energy dispatches have been estimated after considering the Generators' projections, actual performance of the generating Stations during FY 2019-20 and H1 of FY 2020-21, the availabilities approved in the Retail Tariff Order for FY 2020-21, the availability of fuel, breakdown of units, expiry of the existing PPAs during FY 2020-21 H2 and FY 2021-22, expected commissioning of new stations and the need to maintain the spinning reserve. The expected availability of Energy as per the Revised Estimates for FY 2020-21 and ARR estimates for the FY 2021-22 in MU are indicated in the following tables.

Sl. No.	Generating Station / Stage	State		APSPDCL	
		FY 2020-21 -Availability	FY 2021-22 -Availability	FY 2020-21 Availability	FY 2021-22 Availability
1	Dr.NTTPS	9261.30	8081.87	3745.27	3268.31
2	Dr.NTTPS-IV	3498.22	3690.75	1414.68	1492.54
3	RTPP Stage-I	3072.91	2729.83	1242.68	1103.94
4	RTPP Stage-II	3181.89	2896.37	1286.76	1171.29
5	RTPP Stage-III	1565.30	1339.70	633.01	541.78
6	RTPP Stage-IV	4498.62	3889.26	1819.24	1572.81
7	Sub-Total APGENCO -Thermal	25078.24	22627.77	10141.64	9150.67
8	Srisailam -RCPH	957.05	928.56	387.03	375.51
9	NSRCPH	75.03	112.79	30.34	45.61
10	NSTPDC PH	69.66	89.10	28.17	36.03
11	Upper Sileru	342.04	467.66	138.32	189.12
12	Lower Sileru	943.58	1089.51	381.58	440.60
13	Donkarai	297.10	101.12	120.15	40.89
14	Penna ahobilam	27.29	5.53	11.04	2.24
15	Mini Hydel (Chettipeta)	2.29	2.62	0.92	1.06
16	Machkund	335.15	294.63	135.54	119.15
17	TB Dam	113.59	121.14	45.94	48.99
18	Sub-Total APGENCO -Hydel	3162.79	3212.67	1279.03	1299.20
19	AP GENCO-Total	28241.03	25840.44	11420.67	10449.87

Sl. No.	Generating Station / Stage	State		APSPDCL	
		FY 2020-21 -Availability	FY 2021-22 -Availability	FY 2020-21 - Availability	FY 2021-22 - Availability
20	APGPCL Stage I	57.20	0.00	23.13	0.00
21	APGPCL Stage II	130.51	0.00	52.78	0.00
22	APPDCL Stage -1	10614.30	11141.01	4292.42	4505.42
23	Godavari Gas Power Plant	733.37	1019.30	296.57	412.20
24	Joint Sector TOTAL	11535.38	12160.31	4664.91	4917.63

Sl. No.	Generating Station / Stage	State		APSPDCL	
		FY 2020-21 -Availability	FY 2021-22 -Availability	FY 2020-21 - Availability	FY 2021-22 - Availability
25	NTPC (SR) Ramagundam I & II	1861.73	1823.71	752.88	737.51
26	NTPC (SR) Simhadri Stage 1	3512.20	3594.27	1420.33	1453.52
27	NTPC (SR) Simhadri Stage 2	1412.08	1448.75	571.05	585.87
28	NTPC (SR) Talcher St. II	1299.05	1289.91	525.34	521.64
29	NTPC (SR) Ramagundam Stage-III	434.40	455.73	175.67	184.30
30	NTPC Kudgi Stage 1	1679.19	1502.59	679.07	607.65
31	NTECL Valluru	617.30	468.79	249.64	189.58
32	NLC Stage-I	266.29	280.59	107.69	113.47
33	NLC Stage-II	366.02	520.73	148.02	210.58
34	NPC (MAPS)	50.26	51.81	20.32	20.95
35	NPC (Kaiga Unit-I,II,III & IV)	792.99	815.81	320.69	329.91
36	NTPL (NLC Tamilnadu Power Ltd Stage-1)(TUTICORIN)	922.64	875.00	373.11	353.85
37	NLC NNTPS	256.81	368.16	103.85	148.88
38	JNNSM PH-1 THERMAL	216.32	274.82	87.48	111.14
39	JNNSM PH-2 THERMAL	3079.29	3494.55	1245.26	1413.20
40	CGS TOTAL	16766.57	17265.22	6780.40	6982.06

Sl. No.	Generating Station / Stage	State		APSPDCL	
		FY 2020-21 - Availability	FY 2021-22 - Availability	FY 2020-21 - Availability	FY 2021-22 - Availability
41	KSK Mahanadi	810.40	0.00	327.73	0.00
42	Thermal Powertech Corporation India	1788.01	1687.48	723.07	682.42
43	Hinduja National Power Corp Ltd(HNPCL)	1064.18	0.00	430.35	0.00
44	IPP TOTAL	3662.59	1687.48	1481.15	682.42
45	NCE -OTHERS	346.46	481.05	158.49	220.06
46	NCE-WIND TOTAL	6427.92	6060.86	6427.92	6060.86
47	NCE-SOLAR Total	3710.06	4794.08	3598.75	4650.26
48	JNNSM PH-1 SOLAR	41.22	41.22	41.22	41.22
49	JNNSM PH-2 SOLAR	3050.30	3050.30	3050.30	3050.30
50	Total NCE	13575.96	14427.51	13276.69	14022.70
51	INTER STATE TRADERS (SHORT TERM)	0.00	0.00	0.00	0.00
52	Spectrum Power	577.85	0.00	233.68	0.00
53	LANCO Kondapalli	968.73	0.00	391.76	0.00
54	Total Short Term	1546.58	0.00	625.44	0.00
55	GRAND TOTAL	75328.11	71380.96	15383.28	14705.11

3.3.2 SUMMARY OF ENERGY DISPATCHES(MU)

Ownership/Source	State		APSPDCL	
	FY 2020-21 (Revised Estimate (MU))	FY 2021-22 (ARR Estimate)	FY 2020-21 (Revised Estimate (MU))	FY 2021- 22 (ARR Estimate)
AP Genco-thermal	12237.62	19246.47	4948.90	7783.27
CGS	14186.07	17241.17	5736.85	6972.33
Thermal-IPPs	3547.15	1687.48	1434.47	682.42
Joint Sector Includes APPDCL	9923.50	12160.31	4013.06	4917.63
Hydel	3162.78	3212.67	1279.03	1299.20
NCE / RE	13575.96	14427.51	13276.69	14022.70
Market / Short Term	5886.63	392.81	2380.55	158.85
Total	62519.72	68368.41	33069.54	35836.40

3.3.3 DEFICIT / SURPLUS

Adequacy of resources from all available generating plants to meet the grid demand is given below. After considering the generation from above availabilities from different kinds of plants on monthly basis, there are deficits/surpluses for different months across the State as shown in the following Table:

Month	Grid Energy Requirement (MU)	Availability from all Stations (MU)	Deficit/ (Surplus)
Apr-21	5571.36	6088.84	517.48
May-21	5719.49	6155.26	435.77
Jun-21	5463.99	5915.28	451.30
Jul-21	5608.07	6111.52	503.45
Aug-21	5646.75	6468.99	822.24
Sep-21	5590.60	5954.62	364.02
Oct-21	5727.16	5614.60	-112.56
Nov-21	5640.10	5359.85	-280.25
Dec-21	5566.75	5597.95	31.20
Jan-22	5798.94	5865.18	66.25
Feb-22	5797.29	5855.26	57.97
Mar-22	6237.93	6393.60	155.68
Total	68368.41	71380.96	3012.55
	Total Deficit (MU)	-392.8	
	Total Surplus (MU)	3405.4	

DISCOM proposes to bridge the monthly deficit wherever it is incidental though procurement from Market such as from Energy exchanges (IEX & PXL) or through DEEP-E Bidding portal or through any other competitive means.

3.4 POWER PURCHASE COST

3.4.1 APGENCO STATIONS

FIXED COSTS IN RS.CRS

In respect of Dr NTPPS-I,II,III & IV and RTPP -I,II,III, the fixed costs for FY 2020-21 H2 and for the ensuing financial year FY 2021-22 were adopted as per the AP Genco Tariff Order for the 4th Control period dated 29-04-2019 issued by the Hon'ble APERC. For RTPP-IV, the fixed charges as indicated in the AP Genco filings in OP No. 35 of 2018 are adopted as the matter of determination of tariffs is under examination of the Hon'ble APERC.

Sl.No	Generating Station / Stage	State		APSPDCL	
		Fixed Cost (Rs Crs) FY 2020-21	Fixed Cost (Rs Crs) FY 2020-22	Fixed Cost (Rs Crs) FY 2020-21	Fixed Cost (Rs Crs) FY 2020-22
1	Dr.NTPPS	679.44	696.25	274.76	281.56
2	Dr.NTPPS-IV	282.96	284.70	114.43	115.13
3	RTPP Stage-I	259.42	264.17	104.91	106.83
4	RTPP Stage-II	252.77	258.20	102.22	104.42
5	RTPP Stage-III	186.98	169.18	75.61	68.42
6	RTPP Stage-IV	1101.73	1065.57	445.54	430.92
7	Sub-Total APGENCO -Thermal	2763.29	2738.07	1117.47	1107.28
8	Srisaïlam -RCPH	219.76	223.36	88.87	90.33
9	NSRCPH	25.19	25.62	10.19	10.36
10	NSTPDC PH	51.44	50.76	20.80	20.53
11	Upper Sileru	76.55	78.67	30.96	31.81
12	Lower Sileru	146.72	150.78	59.33	60.98
13	Donkarai	7.96	8.20	3.22	3.31
14	Penna ahobilam	13.07	13.28	5.29	5.37
15	Mini Hydel (Chettipeta)	1.70	1.76	0.69	0.71
16	Machkund	35.02	36.68	14.16	14.83
17	TB Dam	24.00	25.15	9.71	10.17
18	Sub-Total APGENCO -Hydel	601.41	614.26	243.21	248.40
19	AP GENCO-Total	3364.69	3352.33	1360.68	1355.68

VARIABLE RATE IN Rs/KWH.

In respect of Dr NTTPS-I,II,III & IV and RTPP -I,II,III& IV, the variable rates for FY 2020-21 H2 were adopted as per the Retail Supply Tariff Order for FY2020-21 issued by the Hon'ble APERC. For FY 2021-22, variable rates are considered as furnished by APGENCO. For SDSTPS-I, the variable rate as furnished by APPDCL was considered. The variable rates are indicated in the following table.

Sl.No	Generating Station / Stage	State				APSPDCL			
		Variable Cost (Rs/Unit)	Variable Cost (Rs Crs) FY 2020-21	Variable Cost (Rs/Unit)	Variable Cost (Rs Crs) FY 2020-22	Variable Cost (Rs/Unit)	Variable Cost (Rs Crs) FY 2020-21	Variable Cost (Rs/Unit)	Variable Cost (Rs Crs) FY 2020-22
1	Dr.NTTPS	3.34	1673.20	3.34	2699.34	3.34	676.64	3.34	1091.61
2	Dr.NTTPS-IV	3.15	846.14	3.15	1162.59	3.15	342.18	3.15	470.15
3	RTPP Stage-I	3.86	192.50	3.86	815.98	3.86	77.85	3.86	329.98
4	RTPP Stage-II	3.86	560.21	3.86	520.77	3.86	226.55	3.86	210.60
5	RTPP Stage-III	3.86	247.58	3.86	142.55	3.86	100.12	3.86	57.65
6	RTPP Stage-IV	3.66	713.87	3.66	1332.78	3.66	288.69	3.66	538.98
7	Sub-Total APGENCO -Thermal	3.46	4233.50	3.47	6674.01	3.46	1712.03	3.47	2698.97
8	Srisaïlam -RCPH	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9	NSRCPH	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10	NSTPDC PH	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11	Upper Sileru	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12	Lower Sileru	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13	Donkarai	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14	Pennaahobilam	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15	Mini Hydel (Chettipeta)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
16	Machkund	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
17	TB Dam	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18	Sub-Total APGENCO -Hydel	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19	AP GENCO-Total	2.75	4233.50	2.97	6674.01	2.75	1712.03	2.97	2698.97

3.4.2 CENTRAL GENERATING STATIONS

FIXED COSTS IN RS. CRS

The fixed costs for FY 2020-21H2 and FY 2021-22 were projected as per the latest CERC, Department of Atomic energy (DAE), Govt. of India orders. The fixed costs are indicated in the following table.

Sl.No	Generating Station / Stage	State		APSPDCL	
		Fixed Cost (Rs Crs) FY 2020-21	Fixed Cost (Rs Crs) FY 2021-22	Fixed Cost (Rs Crs) FY 2020-21	Fixed Cost (Rs Crs) FY 2021-22
1	NTPC (SR) Ramagundam I & II	138.07	135.25	55.84	54.70
2	NTPC (SR) Simhadri Stage 1	378.53	387.38	153.08	156.66
3	NTPC (SR) Simhadri Stage 2	209.07	214.50	84.55	86.74
4	NTPC (SR) Talcher St. II	92.91	92.26	37.57	37.31
5	NTPC (SR) Ramagundam Stage-III	32.73	34.33	13.23	13.88
6	NTPC Kudgi Stage 1	254.30	227.55	102.84	92.02
7	NTECL Valhuru	122.18	92.78	49.41	37.52
8	NLC Stage-I	40.41	42.57	16.34	17.22
9	NLC Stage-II	30.94	44.01	12.51	17.80
10	NPC (MAPS)	0.00	0.00	0.00	0.00
11	NPC (Kaiga Unit-I,II,III & IV)	0.00	0.00	0.00	0.00
12	NTPL (NLC Tamilnadu Power Ltd Stage-1)(TUTICORIN)	148.66	140.98	60.12	57.01
13	NLC NNTPS	30.76	44.09	12.44	17.83
14	JNNM PH-1 THERMAL	36.56	46.45	14.79	18.78
15	JNNM PH-2 THERMAL	520.40	510.58	210.45	206.48
16	CGS TOTAL	2035.50	2012.74	823.15	813.95

VARIABLE RATES IN Rs/KWH

The variable Cost Rates for FY 2021-22 were projected as per the actual weighted average variable cost of H1 FY 2020-11 with a 5% escalation to cover up the increase in Fuel Cost. .The variable rates are indicated in the following table.

Sl.No	Generating Station / Stage	State				APSPDCL			
		Variable Cost (Rs/Unit)	Variable Cost (Rs Crs) FY 2020-21	Variable Cost (Rs/Unit)	Variable Cost (Rs Crs) FY 2020-22	Variable Cost (Rs/Unit)	Variable Cost (Rs Crs) FY 2020-21	Variable Cost (Rs/Unit)	Variable Cost (Rs Crs) FY 2020-22
1	NTPC (SR) Ramagundam I & II	2.44	418.81	2.56	467.23	2.44	169.37	2.56	188.95
2	NTPC (SR) Simhadri Stage 1	3.15	860.50	3.30	1186.92	3.15	347.99	3.30	479.99
3	NTPC (SR) Simhadri Stage 2	3.09	373.76	3.24	470.05	3.09	151.15	3.24	190.09
4	NTPC (SR) Talcher St. II	1.98	248.86	2.08	268.58	1.98	100.64	2.08	108.61
5	NTPC (SR) Ramagundam Stage-III	2.40	96.50	2.52	114.84	2.40	39.03	2.52	46.44
6	NTPC Kudgi Stage 1	3.49	285.01	3.66	549.84	3.49	115.26	3.66	222.35
7	NTECL Valhuru	3.42	115.94	3.59	168.15	3.42	46.89	3.59	68.00
8	NLC Stage-I	2.88	75.88	3.02	84.73	2.88	30.69	3.02	34.27
9	NLC Stage-II	2.77	97.97	2.91	151.51	2.77	39.62	2.91	61.27
10	NPC (MAPS)	2.61	13.13	2.74	14.22	2.61	5.31	2.74	5.75
11	NPC (Kaiga Unit-I,II,III & IV)	3.48	275.57	3.65	297.67	3.48	111.44	3.65	120.38
12	NTPL (NLC Tamilnadu Power Ltd Stage-1)(TUTICORIN)	2.90	225.44	3.04	266.35	2.90	91.17	3.04	107.71
13	NLC NNTPS	2.34	59.53	2.46	90.46	2.34	24.07	2.46	36.58
14	JNNM PH-1 THERMAL	3.58	77.41	3.76	94.21	3.58	31.30	3.76	38.10
15	JNNM PH-2 THERMAL	2.81	841.98	2.95	1029.60	2.81	340.50	2.95	416.37
16	CGS TOTAL	2.87	4066.29	3.05	5254.34	43.32	1644.41	45.48	2124.85

3.4.3 Sri Damodaram Sanjeevaiah Therm Power Project (SDSTPS)-Krishnapatnam:

For SDSTPS-I , the fixed charges are considered as indicated in the APPDCL filings in O.P No.53 of 2019 for determination of tariffs for FY2019-20 to FY2023-24 duly limiting to APDISCOMs contracted share of 90% of plant capacity, the same is yet to be approved by Hon'ble commission. The fixed charges computed based on the above are indicated in the following table.

FIXED COSTS IN RS. CRS.

SDSTPS-Stage-I	FY 2020-21	FY 2021-22
State	1756.38	1781.19
APSPDCL	710.28	720.31

VARIABLE RATES RS/KWH

Station	FY 2020-21	FY 2021-22
SDSTPS-Stage-I	3.14	3.14

3.4.4 SEMBCORP ENERGY AND KSK MAHANADI

These are the bid based projects and the tariffs discovered in the bids were adopted by APERC. Therefore, the fixed costs and variable costs for these Stations have been computed based on the rates discovered in the bid. The fixed costs are indicated in the following table.

FIXED COSTS IN RS. CRS.

Station	State		APSPDCL	
	FY 2020-21	FY 2021-22	FY 2020-21	FY 2021-22
Sembcorp Energy India Limited	267.07	286.14	108.00	115.72
KSK Mahanadi Power Corporation Limited	128.30	0.00	51.88	0.00

VARIABLE RATES RS/KWH

Station	FY 2020-21	FY 2021-22
Sembcorp Energy India Limited	2.334	2.443
KSK Mahanadi Power Corporation Limited	2.955	0

3.4.5 APGPCL

FIXED COSTS IN RS. CRS.

Station	State		APSPDCL	
	FY 2020-21	FY 2021-22	FY 2020-21	FY 2021-22
APGPCL Stage-I	3.50	0.00	1.42	0.00
APGPCL Stage-II	7.70	0.00	3.11	0.00
Total	11.20	0.00	4.53	0.00

VARIABLE RATES IN RS/KWH

The variable cost projected for FY 2020-21 H2 and FY 2021-22 are based on the information on projections as furnished by APGPCL. The variable costs computed, based on the above rates, are indicated in the following table.

Station	FY 2020-21	FY 2021-22
APGPCL Stage-I	3.19	0
APGPCL Stage-II	2.82	0

3.4.6 OLD GAS BASEDIPPs

FIXED CHARGES IN RS.CRS.

In respect of GGPP, the fixed cost have been computed by considering the actual fixed cost incurred up to September 2020 and projections for remaining part of CY FY 2020-21 & for the ensuing year.

Power is being procured on Short Term basis from M/s Lanco & M/s Spectrum during the current financial year, in accordance with the orders of the Hon'ble Commission and as such no fixed costs are incurred.

Station	State		APSPDCL	
	FY 2020-21	FY 2021-22	FY 2020-21	FY 2021-22
GGPP	18.97	27.83	7.67	11.25
SPGL	0.00	0.00	0.00	0.00
LANCO	0.00	0.00	0.00	0.00
Total	18.97	27.83	7.67	11.25

VARIABLE RATES IN RS/KWH

In respect of GGPP, the variable rates have been computed by considering the GCVs, SHR, Auxiliary Consumption and latest actual gas price which is effective from 1stOctober,2020 (\$1.79/MMBTU) for H2 of FY 2020-21 & Full Year of FY 2021-22.

In respect of M/s Spectrum & Lanco from whom power is being procured on Short Term basis the weighted average Rate for FY 2020-21 works out to Rs 2.58/Unit and Rs 2.52/Unit respectively.

Station	FY 2020-21	FY 2021-22
GGPP	2.32	2.1
SPGL	2.58	0
LANCO	2.52	0

3.4.7 NEWGAS BASEDIPPs

Fixed and variable costs have not been projected for these plants as there is no generation from these plants.

3.4.8 MARKET

The rates for energy procured from Market sources is taken as per the discovered prices while taking up the actual procurement. For the purpose estimation of power purchase cost in this ARR exercise a weighted average single part price of Rs 3.70 per Unit is considered, basing on a 10% increase to the weighted average price realized for the First Half of the Current Financial Year.

ENERGY REQUIREMENT

The DISCOM wise Energy Requirement are tabulated below.

DISCOM	FY 2020-21	FY 2021-22
APEPDCL	22581.25	25016.18
APCPDCL	15088.41	15956.64
APSPDCL	24850.05	27395.59
Total	62519.71	68368.41

The energy requirement of APDISCOMs has been arrived at by grossing up the sales with appropriate transmission and distribution losses. The external losses (PGCIL losses) on the power purchased from CGS (excluding NTPC Simhadri-I), KSK Mahanadi and Sembcorp Energy India Limited have also been factored for arriving at the above energy requirement.

3.5 PP COST SUMMARY

Based on the availability, requirement and costs for each source, the summary of power purchase cost for APSPDCL for the Current Financial Year FY 2020-21 is projected as follows:

SPDCL- PP Summary _FY 2020-21

Ownership/Source	Dispatch	Fixed Costs (Rs Crs)	Variable Cost (Rs Crs)	Total Cost (Rs/Crs)	PU FC	PU VC	PU TC
AP Genco-thermal	4948.90	1117.47	1712.03	2829.50	2.26	3.46	5.72
CGS	5736.85	823.15	1644.41	2467.56	1.43	2.87	4.30
Thermal-IPPs	1434.47	159.89	418.37	578.25	1.11	2.92	4.03
Joint Sector	4013.06	722.48	1234.08	1956.57	1.80	3.08	4.88
Hydel	1279.03	243.21	0.00	243.21	1.90	0.00	1.90
NCE/RE	13276.69	-	6021.37	6021.37	0.00	4.54	4.54
Market/Short Term	2380.55	0.00	748.65	748.65	0.00	3.14	3.14
D<>D	-8,219.49	-	-3,679.47	-3679.47	0.00	4.48	4.48
Total	24850.05	3066.21	8099.43	11165.64	1.23	3.26	4.49

Based on the availability, requirement and costs for each source, the summary of power purchase cost for Andhra Pradesh for FY 2021-22 is projected as follows:

SPDCL- PP Summary _FY 2021-22

Ownership/Source	Dispatch	Fixed Costs (Rs Crs)	Variable Cost (Rs Crs)	Total Cost (Rs/Crs)	PU FC	PU VC	PU TC
AP Genco-thermal	7783.27	1107.28	2698.97	3806.24	1.42	3.47	4.89
CGS	6972.33	813.95	2124.85	2938.81	1.17	3.05	4.21
Thermal-IPPs	682.42	115.72	166.71	282.43	1.70	2.44	4.14
Joint Sector	4917.63	731.57	1501.27	2232.83	1.49	3.05	4.54
Hydel	1299.20	248.40	0.00	248.40	1.91	0.00	1.91
NCE/RE	14022.70	0.00	6349.42	6349.42	0.00	4.53	4.53
Market/Short Term	158.85	0.00	58.71	58.71	0.00	3.70	3.70
D<>D	-8,440.81	-	-3,729.28	-3729.28	0.00	4.42	4.42
Total	27395.59	3016.91	9170.66	12187.57	1.10	3.35	4.45

4 Losses

4.1 DISCOM losses

The DISCOM losses for FY 2020-21 is projected at the same level as actual losses of H1 of FY 2020-21 and for FY 2021-22, losses are projected to reduce 0.22% over FY 2020-21. The table given below provides the voltage level losses for projecting APSPDCL energy requirement for FY 2020-21 (H2) and FY 2021-22. The losses of APSPDCL for FY 2020-21 appear to be on higher side compared to approved losses (8 districts) as LT sales are higher in 5 districts of APSPDCL and the 3 districts – Krishna, Guntur & Prakasam are bifurcated into APCPDCL with effect from 01-04-2020.

Voltage Level	FY 2020-21 (H2)	FY 2021-22
33 KV	3.24%	3.23%
11 KV	3.36%	3.35%
LT	4.67%	4.66%

The following table gives the details of losses projected by SPDCL for 2020-21 and 2021-22.

Particulars	2020-21		2021-22	
	Excl. EHT	Incl. EHT	Excl. EHT	Incl. EHT
Approved by APERC	9.55%	8.07%	-	-
Projection of APSPDCL	9.77%	8.34%	9.62%	8.23%

4.2 TRANSCO losses and Losses external to Transco System

The Transco losses and losses external to Transco system for H2 FY 2020-21 and for FY 2021-22 have been taken as given below:

Particulars	H2 FY 2020-21	FY 2021-22
Transmission & External Losses	3.48%	3.46%

The APTransco losses are taken as per approval in Transmission Tariff Order. The losses external to Transco system are taken after considering actual weighted average weekly losses traded on IEX for the FY 2020-21 (H1)

5 Expenditure Projections for APSPDCL

5.1 APTransco Charges

The Transmission cost has been computed based on the Transmission Tariff Order for the fourth control period (FY 2019-20 to FY 2023-24) and is tabulated below.

Form - 1.1 – Transmission Cost

Year	Load not eligible for Open Access			Open Access			Total Cost (Rs. Crs.)
				Load Eligible for Open Access			
	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	
1	2	3	4	5	6	7	
APTransco							
2018-19	5354.46	94.44	606.81	2862.19	94.44	324.37	931.18
2019-20	4021.97	119.28	575.69	3253.03	119.28	465.63	1041.31
2020-21	2421.52	138.88	403.56	2542.22	138.88	423.68	827.24
2021-22	2683.74	154.54	497.69	2669.33	154.54	495.02	992.72

5.2 PGCIL and ULDC Charges

The POC rate approved by CERC for the latest quarter i.e. second quarter of FY 2020-21 is Rs.5.44 lakhs/MW which includes POC slab rate, Reliability support charges rate and HVDC charges rate. Apart from the main POC bill, PGCIL raises supplementary bills also from time to time. Further, transmission assets pertaining to CTU(Central Transmission Network) get added to the network regularly which would increase the POC charges in future. The POC rate of Rs.5.44 lakhs/MW has been considered for FY 2020-21 H2 and FY 2021-22. The calculations of PGCIL charges are as follows :

POC charges for FY 2020-21 H2

$$= (5.44) \times (\text{number of months in the second half of FY 2020-21}) \times (\text{interstate capacity in MW APDISCOMs are expected to avail})/100$$

$$= (5.44) \times (6) \times (1061.69)/100 = \text{Rs.346.46 Crs.}$$

Total POC charges for FY 2021-22

$$=(5.44) \times (\text{number of months in the FY 2021-22}) \times (\text{interstate capacity in MW APDISCOMs are expected to avail})/100$$

$$= (5.44) \times (12) \times (918.66)/100 = \text{Rs.599.58 Crs.}$$

The above charges include the POC charges reimbursable to KSK Mahanadi and Sembcorp Energy plants.

Particulars	2020-21	2021-22
PGCIL Expenses	520.21	599.58
ULDC Charges	3.59	6.00

5.3 SLDC Charges

The SLDC cost has been computed based on the SLDC Tariff Order for the fourth control period (FY 2019-20 to FY 2023-24) and is tabulated below. The generation capacity approved is distributed among DISCOMs as follows :

	State	EP	CP	SP	
		36.22%	23.34%	40.44%	
2020-21	10863	3935	2536	4393	NON-NCE
	10607	151	85	10371	NCE
	17	17	0	0	Srivathsa-EP
	21487	4102	2621	14764	
2021-22	11676	4229	2725	4722	NON-NCE
	10575	143	86	10346	NCE
	6	6	0	0	Srivathsa-EP
	22257	4378	2811	15068	

Form – 1.2 SLDC Charges

2018-19							
	Annual Fee			Charges			Total Cost (Rs. Crs.)
	MW	Tariff (Rs./MW/year)	Cost (Rs. Crs.)	MW	Tariff (Rs./MW/month)	Cost (Rs. Crs.)	
Load not eligible for Open Access	5354.46	4214.27	2.26	5354.46	2342.73	15.05	17.31
Open Access							
Load Eligible for Open Access	2862.19	4214.27	1.21	2862.19	2342.73	8.05	9.25
Availed (within area of supply)			0.00			0.00	0.00
Availed (Outside Area of supply)			0.00			0.00	0.00
2019-20							
	Annual Fee			Charges			Total Cost (Rs. Crs.)
	MW	Tariff (Rs./MW/year)	Cost (Rs. Crs.)	MW	Tariff (Rs./MW/month)	Cost (Rs. Crs.)	
Load not eligible for Open Access	9430.90	1917.48	1.81	9430.90	2146.34	24.29	26.10
Open Access							
Load Eligible for Open Access	3253.03	1917.48	0.62	3253.03	2146.34	8.38	9.00
Availed (within area of supply)			0.00			0.00	0.00
Availed (Outside Area of supply)			0.00			0.00	0.00
2020-21							
	Annual Fee			Charges			Total Cost (Rs. Crs.)
	MW	Tariff (Rs./MW/year)	Cost (Rs. Crs.)	MW	Tariff (Rs./MW/month)	Cost (Rs. Crs.)	
Load not eligible for Open Access	12221.78	2838.01	3.47	12221.78	2058.18	30.19	33.65
Open Access							
Load Eligible for Open Access	2542.22	2838.01	0.72	2542.22	2058.18	6.28	7.00
Availed (within area of supply)			0.00			0.00	0.00
Availed (Outside Area of supply)			0.00			0.00	0.00
2021-22							
	Annual Fee			Charges			Total Cost (Rs. Crs.)
	MW	Tariff (Rs./MW/year)	Cost (Rs. Crs.)	MW	Tariff (Rs./MW/month)	Cost (Rs. Crs.)	
Load not eligible for Open Access	12398.67	3792.02	4.70	12398.67	2086.32	31.04	35.74
Open Access							
Load Eligible for Open Access	2669.33	3792.02	1.01	2669.33	2086.32	6.68	7.70
Availed (within area of supply)			0.00			0.00	0.00
Availed (Outside Area of supply)			0.00			0.00	0.00

5.4 Distribution Costs

The Distribution Cost has been computed based on the MYT Tariff Order for the fourth control period (FY 2019-20 to FY 2023-24) and is tabulated below.

Name of Distribution service provider	Load not eligible for Open Access			Open Access			Grand Total
				Load Eligible for Open Access			
	MW	Tariff (Rs./kW/m onth)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/m onth)	Cost (Rs. Crs.)	
1	2	3	4	5	6	7	8=4+7
2018-19	7104.58		2873.46	1112.08		46.21	2919.66
2019-20	4981.14		3513.24	948.86		108.67	3621.91
2020-21	3501.72		2564.07	632.50		84.99	2649.06
2021-22	3908.36		3063.33	644.58		94.20	3157.53

5.5 Additional Interest on Pension bonds of APGenco Order :

The APSPDCL sought permission from the Honourable APERC to include the additional commitment of interest on pension bonds separately in DISCOM ARR instead of power purchase cost keeping the Aggregate Revenue Requirement of DISCOM intact in order to avoid the skewed representation of fixed cost of APGenco stations vide Lr.No.CGM/RAC/SPDCL/TPT/GM/RAC/F:/D.No.337/20,dt.12-05-2020. This amount is approved in APGenco Tariff Order for 4th Control period. Further it is stated in Clause No.50 of the APGenco Tariff Order that the provisions shall be modified to the actuals. The additional interest on pension bonds for APSPDCL on actual basis is Rs.497.36 Crs. for FY 2021-22.

5.6 Interest on Consumer Security Deposits

Interest on Security Deposit is calculated based on the past trend. The interest is calculated @ 5.96% per annum for 2020-21 & FY 2021-22 on the average of opening and closing balances.

Form 1.5: The computation on Interest on Consumer Security Deposit is given below

Revenue Requirement Item (Rs. Crs.)		2018-19	2019-20	2020-21	2021-22
A	Opening Balance	2298.86	2558.84	1575.15	1608.86
B	Additions during the Year	1544.28	573.29	200.02	214.02
C	Deductions during the Year	1284.30	280.19	166.30	177.94
D	Closing Balance	2558.84	2851.95	1608.86	1644.94
E	Average Balance ((A+D)/2)	2428.85	2705.39	1592.00	1626.90
F	Interest @ % p.a. #	6.20	5.96	5.96	5.96
G	Interest Cost (E*F)	150.67	161.24	94.88	96.96

As per APERC Regulation 6 of 2004 stipulates "Security Deposit amount shall be two months charges in case of monthly billing and 3 months charges for bi-monthly billing".

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"The interest accruing to the credit of the consumer shall be adjusted annually against the amounts outstanding from the consumer to the Licensee as on 1st May of every year and the amounts becoming due from the consumer to the Licensee immediately thereafter."

5.7 Supply Margin

The licensee has projected Supply Margin for FY 2020-21 & FY 2021-22. The supply margins for FY 2019-20 to FY 2021-22 are as follows :

Form – 1.6 - Supply Margin		Rs. in Crores		
Particulars	2018-19	2019-20	2020-21	2021-22
Supply Margin Amount	13.05	28.31	23.15	30.78

5.8 Other Costs

The licensee has projected the following expenditure under other costs:

- 1) Amount payable towards solar pumpsets
- 2) Amount payable towards Energy Efficient Pump sets
- 3) Reserve fund towards to relief to victims of electrical accidents
- 4) Grants to APSEEDCO for promotion of Energy Conservation

5.8.1 Solar pumpsets (Off Grid) :

The APCPDCL was granted license to carryout distribution activities with effect from 01-04-2020. Hence, the licensee is submitting the particulars related to APSPDCL (5 Districts) with effect from FY 2020-21.

The Solar pumpsets erected in APSPDCL (5 districts) till date are 7228 No. 5 HP and 10 No. 3HP. The agricultural demand met through off grid power out of total agricultural demand of licensee is as follows:

Particulars	FY 2020-21	FY 2021-22
Agricultural demand met through Grid Power	7533.49	8054.51
Agricultural demand met through Solar	55.08	55.08
Total agricultural Demand (MU)	7588.57	8109.59

The above power requirement met through solar power is not included in power purchase cost calculation. The consumer contribution is 11% of the project cost, the MNRE, Govt. of India provides 33% of the project cost as subsidy and balance 56% is to be borne by the licensee. The following table

shows the cost-breakup of solar-pumpsets and Discom's contribution for which it is liable to repay the loan instalments.

S.No	Name of the phase	Total cost of 5HP Pumpset				Total cost of 3HP Pumpset			
		MNRE Subsidy in Rupees	APDISCOM s in Rupees	Beneficiary contribution in Rupees	Total (in Rupees)	MNRE Subsidy in Rupees	APDISCOM s in Rupees	Beneficiary contribution in Rupees	Total (in Rupees)
1	Phase-I (01.03.2015 - 31.08.2015)	162000	273000	55000	490000	97200	183160	40000	320360
2	Phase-II (01.09.2015 - 30.06.2016)	162000	212000	55000	429000	97200	199178	40000	336378
3	Phase-III (01.07.2016 - 22-03-2017)	162000	152300	55000	369300	97200	152000	40000	289200
4	Phase-IV (23.03.2017 - 23.05.2017)	162000	95253	55000	312253	97200	131800	40000	269000
5	Phase- v (24.05.2017 -17.10.2017)	162000	88999	55000	305999	97200	122800	40000	260000
6	Phase-VI (18.10.2017 -26.03.2018)	85000	172200	55000	312200	75000	140365	40000	255365
7	Phase-VII (27.03.2018 -18.11.2018)	85000	184000	55000	324000	75000	121999	40000	236999
8	Phase-VIII (19.11.2018 -onwards)	0	187636	55000	242636 (Excluding GST)	0	152305	40000	192305 (Excluding GST)

The DISCOM is projected to incur an amount of Rs.12.94 Crs. towards repayment of loans taken for solar pumpsets.

Further in the Tariff Order for Retail sale of Electricity for FY 2020-21, the Honourable APERC while referring to the true up amount filed on account of variation of actual cost from approved with effect from FY 2015-16 to FY 2019-20, stated that as all the projects are taken up by APSPDCL as per the orders of the Commission, any expenditure incurred over and above the approved amounts in the tariff orders of the respective years may be claimed in the ARR for FY 2021-22 duly furnishing the audited certificate in respect of the expenditure.

Hence, APSPDCL is including the true up amount on account of variation of actual costs from approved from FY 2015-16 to FY 2019-20 of Rs.83.45 Crs. duly enclosing the audited certificate. As per the audited certificate, the actual expenditure incurred and projected / approved expenditure are at variance for the previous years as given below.

S.No	Particulars	2015-16	2016-17	2017-18	2018-19	2019-20	Total
a	Actual work executed	49.09	62.02	108.08	125.23	14.03	358.45
b	Debt	31.33	30.67	48.04	85.35		195.39
c	Own Fund	17.76	31.35	60.04	39.88	14.03	163.06
d	Principle			2.58	5.16	5.16	12.90
e	Interest	0.29	5.00	11.83	18.00	19.38	54.50
f=c+d+e	Total Amount	18.05	36.35	74.45	63.04	38.57	230.46
g	Approved by APERC		11.38	36.90	34.80	63.93	147.01
h=f-g	Balance for approved	18.05	24.97	37.55	28.24	-25.36	83.45

There is a true-up of Rs.83.45 Crs. on account of variation in approved Vs actual costs for previous years.



Date: 21st October, 2020

C E R T I F I C A T E

This is to certify that, we have verified the information furnished with regard in the APSPDCL SOLAR PUMPSETS SCHEME for the year from 2015-16 to 2019-20. The details below are the expenditure incurred over and above approved amounts during the respective years.

Description	2015-16	2016-17	2017-18	2018-19	2019-20	Total
a. Actual work executed	49.09	62.02	108.08	125.23	14.03	358.45
b. Debt	31.33	30.67	48.04	85.35	0.00	195.39
c. Own Funds	17.76	31.35	60.04	39.88	14.03	163.06
d. Principle	0.00	0.00	2.58	5.16	5.16	12.90
e. Interest	0.29	5.00	11.83	18.00	19.38	54.50
f. Total amount (c+d+e)	18.05	36.35	74.45	63.04	38.57	230.46
g. Approved	0.00	11.38	36.90	34.80	63.93	147.01
h. Balance amount (f-g)	18.05	24.97	37.55	28.24	-25.36	83.45

The amount of **Rs.83.45** Crores is difference between approval & actual cost to the end of 31.03.2020.

Yours faithfully,



V.L.MOHAN BABU
Partner

M/s CHANDRA MOHAN & ASSOCIATES
Chartered Accountants

UDIN: 20214831AAAA BL5093

5.8.2 Energy Efficient pump sets : The licensee proposed to replace 65,000 Nos. of old pumpsets with BEE 5 Star rated 5 HP energy efficient submersible pump sets with smart control panels in the APSPDCL (8 districts). The details of the project costs are given below.

Particulars		Amount Rs. crs
Number of Submersible pump sets	65000	
Total cost of EEPS with smart control panel with five years maintenance (Inclusive of Tax)	37676	244.90
EEPS installation cost @ Rs. 4600/ unit		29.90
EESL PMC charges over five years	5%	13.74
Cost for awareness & Distribution (Inclusive of call centre agency & software agency)		4.00
Total Project Cost		292.54

The above project was approved by Honourable APERC vide order in OP.No.20 of 2017, dated 17-06-2017.

Till now the APSPDCL has replaced 31301 Nos. 5HP energy efficient submersible pumpsets. The expenditure proposed to be incurred by the licensee towards repayment of interest on loan for FY 2021-22 is Rs.21.73 Crs.

5.8.3 Reserve fund towards relief to victims of electrical accidents

During FY 2020-21, upto Sep'20 the DISCOM has sanctioned compensation to the victims of electrical accidents an amount of Rs.2.25 Crs. Hence it is proposed to incur an amount of Rs.7 Crs. towards reserve fund for relief to victims of electrical accidents for FY 2021-22.

5.8.4 Grants to APSEEDCO for promotion of Energy Conservation

In the Tariff Order for FY 2019-20, the Honourable APERC has directed to include the grants for APSEEDCO at not lower than the approved level for FY 2019-20 for the next four years in the ARR & Tariff filings for Retail Sale of Electricity. Hence the licensee has proposed an amount of Rs.1.27 Crs. (63.41% of Rs.2 Crs. approved in FY 2019-20) towards grants to APSEEDCO for promotion of Energy Conservation & Efficiency for FY 2021-22.

5.8.5 Financial impact on account of extension of time line for payment of C.C.Bills due to Covid19

The Honourable APERC has accorded approval to the proposal of DISCOMs to give respite to domestic consumers by extension of timeline for payment of C.C.Bills issued in the month of May'2020 upto 30-06-2020 without delay payment surcharge and provided liberty to claim the financial impact on account of this approval in ARR proposals for FY 2021-22 for Retail Supply Business. The financial impact on account of the extension of timeline for domestic consumers is Rs.2.72 Crs.

5.8.6. SLDC Differential Costs : The Honourable APERC while approving SLDC cost for FY 2020-21 in Tariff Order for FY 2020-21 has stated that “the licensees have claim SLDC cost based on demand considered for transmission capacity but not on installed capacity on which SLDC charges are determine by the Commission. If the licensees pay the SLDC costs over and above the filings the same may be claimed in the ARR for FY 2021-22. Hence, the licensees are claiming the SLDC differential costs of Rs.26.98 Crs. (Rs.40.65 Crs. – Rs.13.67 Crs.).

The other costs during FY 2021-22 is submitted below.

Rs. Crs.

Other Costs				
SPDCL	2018-19	2019-20	2020-21	2021-22
Agricultural Solar Pumpsets	63.04	38.01	13.62	12.94
Energy Efficient Pump Sets	0.00	25.57	16.40	21.73
DELP	0.00	0.00	0.00	0.00
Safety Expenses	0.00	0.00	0.00	0.00
Energy Efficient Grants	0.00	2.00	1.27	1.27
Compensation for victims of electrical accidents	9.69	10.84	6.98	6.98
True-up of Solar pumpsets cost	0.00	0.00	0.00	83.45
Financial impact on account of extension of time line for payment of C.C.Bills due to Covid19	0.00	0.00	0.00	2.72
SLDC Differential Cost for FY 2020-21	0.00	0.00	0.00	26.98
Total	72.73	76.43	38.26	156.07

5.9 Summary of ARR

Aggregate Revenue Requirement (ARR) for Retail Supply Business (Form-1) (Rs. in Crores)

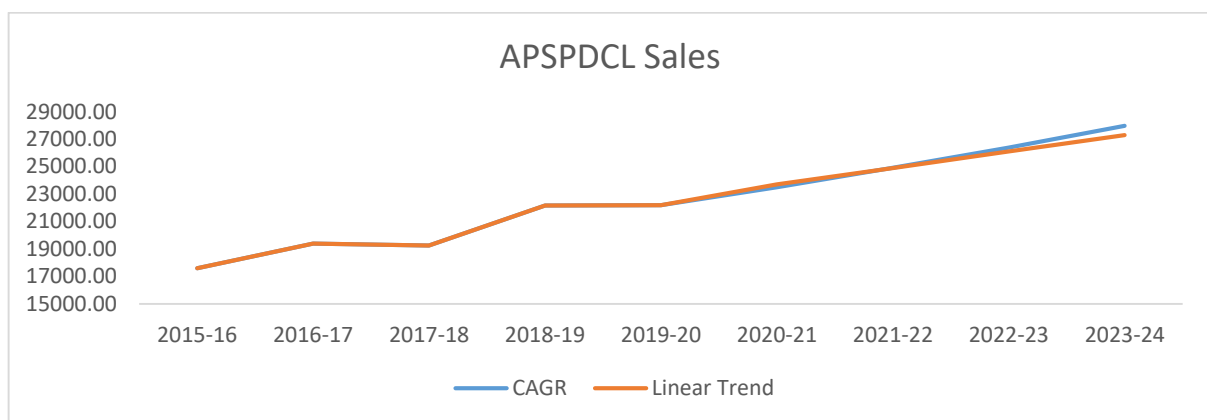
S.No	Revenue Requirement Item (Rs. Crs.)	2019-20	2020-21	2021-22
1	Transmission Cost	1,041.31	827.24	992.72
2	SLDC Cost	35.10	40.65	43.44
3	Distribution Cost	3,621.91	2,649.06	3,157.53
4	Additional Interest on Pension bonds of APGenco	0.00	461.34	497.36
5	PGCIL Expenses	1,026.14	520.21	599.58
6	ULDC Charges	10.17	3.59	6.00
7	Network and SLDC Cost (1+2+3+4+5+6)	5,734.64	4,502.10	5,296.62
8	Power Purchase / Procurement Cost	17,513.33	11,165.64	12,187.57
9	Interest on Consumer Security Deposits	161.24	94.88	96.96
10	Supply Margin in Retail Supply Business	28.31	23.15	30.78
11	Other Costs, if any	76.43	38.26	156.07
12	Supply Cost (7+8+9+10+11)	17,779.31	11,321.94	12,471.38
13	Aggregate Revenue Requirement (7+12)	23,513.95	15,824.04	17,768.00

6 Revenue Projections

6.1 Sales Forecast

The APCPDCL was granted license by the Honourable APERC for carrying out distribution activities in the Krishna, Guntur & Prakasam districts with effect from 01-04-2020. Hence for the purpose of carrying out sales forecast the licensee has captured actuals of 5 districts only for the period from FY 2015-16 to FY 2019-20.

1. For several years APDISCOMs have been adopting Compounded Annual Growth Rate (CAGR) with adjustments, based approach for Sales forecasting for the purpose of Annual ARR filings for Retail Supply Business (RSB) and Multi Year Filings for Network Business (NB). The CAGR forecast takes into account the first year and the last year of the historical period in the formula and all the observed values in the intermediate years are left unprocessed. In the past Annual Sales for the ensuing year are forecasted first based on CAGR approach and monthly split of the sales was carried out based on same proportion/ratio of the sales in previous year.
2. The CAGR based approach is observed to forecast the sales in an exponential manner rather than on a linear line. Annual ARR exercise requires sales forecast for a shorter period of one to one & half years unlike for a Multi-Year Tariff Exercise which requires for 5 years. But in linear trend approach which is dependent on regression analysis devising a linear equation, all the values of the observed time period in the history are mathematically involved in the analysis and amply considered.
3. Comparison of CAGR method vis-à-vis linear trend approach based on regression analysis in respect of overall sales of the DISCOM is shown in the following diagram.



4. As can be observed from the above graph the gap between CAGR approach and Linear Trend approach is diverging towards forecast horizon and the CAGR approach which underlays exponential trending would result in overstating of sales at a smaller degree.

5. In view of the above, APDISCOMs are attempting to deviate from CAGR approach to Monthly Trend based on Time Series Data approach for forecasting of sales for Annual ARR exercise, in the present filings.
6. **The Monthly Linear Trend** method is a time series model of sales forecasting which assumes that the underlying factors, which drive the demand for electricity, are expected to follow the same monthly /annual trend as in the past and hence the forecast for electricity is also based on the assumption that the past trend in consumption of electricity will continue in the future. The strength of this method, when used with balanced judgment, lies in its ability to reflect recent changes and therefore is probably best suited for a short-term projection as used for the ARR/ Tariff filing.
7. However, the trend-based approach has to be adjusted for judgment on the characteristics of the specific consumer groups/ categories. For example, while this method may provide a better estimate of consumption by the domestic and commercial, Industrial & Institutional categories of consumers, it may not be very suitable for the Lift Irrigation category because of the high dependence of demand on the end-use. In any case, the forecasts arrived at by using the trend method need to be modified for impact of any other considerations like increasing commercialization/ development in certain districts/ regions to incorporate the impact of macroeconomic / econometric variables and the load reliefs issued in the past etc.
8. In so far as LT Agriculture Consumption is concerned, the GoAP has taken a major decision to implement Direct Beneficiary Transfer (DBT) scheme in Agriculture power supply which is expected to make a paradigm shift in the way the Agriculture Consumption is estimated and the subsidy gets administered. As enshrined in the Agriculture DBT scheme, all the LT Agriculture consumers who are not installed with meters for measurement of their consumption, will be provided with proper meter for measurement of consumption which is a pre-requisite for facilitating DBT. The agriculture consumption which was hitherto being estimated based on metering at sampled Distribution Transformers (DTRs) will be measured with Meters in similar lines of other consumers after installation of meters. Thus for the ensuing financial year FY 2021-22, even though Agriculture consumption is projected based on sampled DTR meter data, at this juncture, the actual measured consumption will be made available once the meters are installed and made operational.
9. **Impact of Covid-19 pandemic on the Sales Forecast of the DISCOMs:**
 - a) The unprecedented Covid_19 pandemic is tremendously impacting the economy in general and the power sector in particular.
 - b) The Energy Consumption at State level in the first month of outbreak (April 2020) of the pandemic has almost fallen down by 22% and is yet to recover to its pre-Covid stage. The pace of recovery is very sluggish.
 - c) The industrial & commercial consumptions has plunged down to almost 35% and 40% respectively in the month of April -20 and are yet to recover from the fall. There is a moderate recovery in Industrial Consumption owing to unlock guidelines where as Commercial Consumption is still low at 40% down.

- d) There is not much impact on Domestic & Agriculture consumption, where as all other categories are impacted in one way or the other.
- e) By the end of first half of the current FY 2020-21, the overall consumption for the month of September 2020 is lesser by 3% than the expected level. The economic recovery from the impact is snail paced and is expected to reach to pre Covid-19 level by March- 2021, as per various studies. However, the recovery of consumption in the commercial sector may take a little longer due to the characteristics specific to the sector.

10. Factors affecting the Sales Forecast:

In the sales Forecast the factors affecting the actual consumption are numerous and often beyond the control of the licensee due to the following factors.

- Economic climate
- Weather conditions,
- Government Policy, and;
- Force majeure events like natural disasters etc.

Therefore, an accurate point-estimate of the consumption (sales by licensee) is not possible. Under such a situation, the monthly trend approach is to look into various factors and estimate the interrelationships to arrive at a reasonably accurate forecast within a range and use a single point-estimate within the range for the limited purpose of estimating future costs / revenues.

Sales forecast is carried out based on actuals for the period from FY 2015-16 to FY 2019-20. The forecast is carried out based on time series data from April'20 to Mar'22. Actuals for the period April'20 to Sep'20 are captured for studying Covid-19 impact only. If we add Apr'20 to Sep'20 monthly data in the historical data set for the forecast exercise we will get negative trends which are not reflective of the actual trends.

The growth rates arrived with the trend and seasonality indices were moderated taking into account the likely impact of Covid-19 and other factors on the sales.

S.No	Category	2019-20			2020-21
		H1 Actuals	H2 Actuals	Total	H1 Proj.
A	LT				
1	Domestic	2643.99	2196.11	4840.09	2638.11
2	Commerical & Others	537.53	432.49	970.03	526.01
3	Industry	265.31	252.04	517.35	274.47
4	Institutional	328.61	289.84	618.45	350.72
5	Agriculture & Related	3679.23	3984.78	7664.00	3937.78
LT Total		7454.66	7155.26	14609.93	7727.09
B	HT				
1	Domestic	10.66	8.13	18.79	6.27

S.No	Category	2019-20			2020-21
		H1 Actuals	H2 Actuals	Total	H1 Proj.
2	Commercial & Others	224.30	189.81	414.11	214.80
3	Industry	2236.59	2122.82	4359.41	2148.62
4	Institutional	381.49	338.89	720.38	389.70
5	Agriculture & Related	354.66	1247.87	1602.53	443.49
	RESCO's	222.15	230.81	452.96	240.95
HT Total		3429.86	4138.33	7568.19	3443.84
Grand Total (LT+HT)		10884.52	11293.59	22178.11	11170.92

S.No	Category	2020-21 (H2)		
		H2 Growth as per LR +SI Method	H2 Moderate Growth	H2 Sales Forecast
A	LT			
1	Domestic	3.77	3.77	2278.88
2	Commercial & Others	8.22	-20.00	346.00
3	Industry	5.47	1.00	254.56
4	Institutional	20.12	7.00	310.13
5	Agriculture & Related	14.52	14.52	4563.18
LT Total				7752.74
B	HT			
1	Domestic	-46.37	-12.00	7.15
2	Commercial & Others	8.34	-25.00	142.36
3	Industry	0.16	0.16	2126.29
4	Institutional	13.55	-19.73	272.04
5	Agriculture & Related	36.92	15.68	1443.50
	RESCO's	19.22	5.00	242.35
HT Total				4233.69
Grand Total (LT+HT)				11986.43

2021-22		
Growth as per LR +SI Method	Moderate Growth	Sales Forecast
5.43	5.43	5184.08
16.61	-2.80	847.59
6.80	3.00	544.90
6.01	6.01	700.60
4.06	4.06	8845.67
		16122.84
-42.62	-7.53	12.42
22.08	-8.80	325.71
-1.13	3.05	4405.30
5.60	4.48	691.38
16.87	16.32	2195.04
7.50	7.50	519.54
		8149.39
		24272.22

The sales for Railway Traction for H2 2020-21 are projected at 70% of H2 sales for FY 2019-20 and the sales for FY 2021-22 are projected at 90% of sales for FY 2019-20 in view of truncated running of trains.

Process of Estimation of Agriculture sales:

The Agriculture consumption in all the 5 circles are being worked out with ISI Methodology. Meters were fixed on LV side of sampled DTRs feeding exclusively agricultural services in each Mandal. There are 2932 Meters existing at the LV side of the DTRs to gauge the agricultural consumption as shown in the following table.

Sl No	Name of the Circle	No of Mandals having agricultural services	Mandals having sample DTRs	DTRs Metered
1	Nellore	46	32	419
2	Tirupati	66	48	1064
3	Kadapa	51	38	609
4	Ananthapur	63	50	592
5	Kurnool	54	35	248
Total		280	203	2932

The monthly meter readings of all the agricultural DTRs are collected from the five circle and the consumptions are arrived. The sample DTR readings will be taken every month for arriving the consumption per KVA for each rated DTRs capacity. Per KVA consumption of respective rated capacity will be extrapolated capacity wise to all the Agricultural DTRs. The sum of consumption of all the capacities of Agricultural DTRs will be taken as Total Agricultural consumption in the Circle /District. The actual sales are considered for FY 2019-20 & FY 2020-21 (H1). For FY 2020-21 (H2) & FY 2021-22, the sales are projected based on historical sales.

According to GoAP policy of releasing new agriculture connections in the year 2020-21, about 27383 nos. new connections were released from April to October 2020. Further, during the FY 2020-21 (H2) about 9894 Nos. new connections will be released. During FY 2021-22, 91821 Nos. services are proposed to be released including the services to be released under YSR Jala Kala programme to BPL (Below Poverty Line) consumers. The consumption from these new connections (addition in agriculture Pump sets) has been taken into consideration while projecting the sales.

The unrestricted sales projected for FY 2020-21 for this category is 7533.49 MU.

The agricultural demand met through Off Grid Solar Pump sets (Around 55.08 MU) is adjusted to the Agricultural demand for the Licensee.

Particulars	FY 2020-21	FY 2021-22
Agricultural demand met through Grid Power	7533.49	8054.61
Agricultural demand met through Solar	55.08	55.08
Total agricultural Demand (MU)	7588.57	8109.69

Category wise and Voltage level wise actual sales (8 Districts) (Form – 3) Sales in MU

Category	2018-19	Category	2019-20
LT Category	23617.08	LT Category	24010.18
Domestic	8672.82	Domestic	9668.59
Non-domestic/Commercial	1907.34	Commerical & Others	1973.48
Industrial	2303.37	Industry	1006.03
Cottage Industries, Dhobighats & Others	44.29	Institutional	868.45
Irrig & Agriculture	9832.49	Agriculture & Related	10493.62
Local Bodies, St. Lighting & PWS	745.64	Temporary	0.00
			0.00

Category	2018-19
General Purpose	109.81
Temporary Supply	1.32
HT Category at 11 kv	2729.77
HT I (A): General	471.87
Lights and Fans	35.00
Industrial Colonies	1.71
Seasonal Industries	3.96
Time of Day Tariffs Peak (6 AM to 10 AM & 6 PM to 10 PM)	445.05
Time of Day Tariffs Off Peak (10 PM to 6 AM)	412.59
HT I (B): Energy Intensive Industries	2.26
HT I (C): Aquaculture and Animal Husbandry	34.52
HT I (D): Poultry Hatcheries abd Poultry Feed Mixing Plants	40.70
HT II: Others	501.49
Time of Day Tariffs (6 PM to 10 PM)	131.38
HT II (B): Religious Places	5.98
HT II (C): Function Halls/Auditoriums	8.90
HT II (E): Electric Vehicles (Evs) / Charging stations	0.00
Time of Day Tariffs Peak (6 AM to 10 AM & 6 PM to 10 PM)	0.00
Time of Day Tariffs Off Peak (10 PM to 6 AM)	0.00
HT II (F) : Start up power	0.21
HT III: Public Infrastructure and Tourism	34.08
Time of Day Tariffs (6 PM to 10 PM)	7.96
HT IV Government LIS	56.22
HT IV Private Irrigation and Agriculture	0.00
HT IV CPWS	48.29
HT VI: Townships & Residential Colonies	22.66
HT VII: Green Power	0.00
HT VIII: Temporary	2.33
Category: RESCOs	462.59
HT Category at 33 kv	3755.32
HT I (A): General	1034.14
Lights and Fans	30.64
Industrial Colonies	10.83
Seasonal Industries	0.86
Time of Day Tariffs Peak (6 AM to 10 AM & 6 PM to 10 PM)	1030.61
Time of Day Tariffs Off Peak (10 PM to 6 AM)	1010.64
HT I (B): Energy Intensive Industries	252.30
HT I (C): Aquaculture and Animal Husbandry	0.00
HT I (D): Poultry Hatcheries abd Poultry Feed Mixing Plants	70.83
HT II: Others	83.51
Time of Day Tariffs (6 PM to 10 PM)	25.89
HT II (B): Religious Places	29.01
HT II (C): Function Halls/Auditoriums	0.11

Category	2019-20
LT Category	24010.18
HT Category	11148.42
HT Cat-(A): Domestic	23.24
(B): Townships, Colonies, Gated Communities and Villas	23.24
11 kV	19.86
33 kV	3.38
132 kV & Above	0.00
HT Cat-II : Commercial & Others	978.70
(A): Commercial	734.42
11 kV	591.20
33 kV	105.02
132 kV & Above	38.20
Commercial, ToD	143.67
11 kV	116.02
33 kV	20.20
132 kV & Above	7.44
(B): Public Infrastructure & Tourism	50.23
11 kV	41.00
33 kV	9.23
132 kV & Above	0.00
Public Infrastructure & Tourism, ToD	10.71
11 kV	8.73
33 kV	1.98
132 kV & Above	0.00
(D) (i) Function Halls/Auditoriums	2.74
11 kV	2.74
33 kV	0.00
132 kV & Above	0.00
(D): (ii) Start up power	36.77
11 kV	9.63
33 kV	22.35
132 kV & Above	4.79
(E): Electric Vehicles (Evs) / Charging stations	0.00
11 kV	0.00
33 kV	0.00
132 kV & Above	0.00
(F): Green Power	0.17
11 kV	0.09
33 kV	0.08
132 kV & Above	0.00
HT Cat-III : Industry	6939.32
(A): Industrial General	3917.86
11 kV	981.54
33 kV	1757.92

Category	2018-19
HT II (E): Electric Vehicles (Evs) / Charging stations	0.00
Time of Day Tariffs Peak (6 AM to 10 AM & 6 PM to 10 PM)	0.00
Time of Day Tariffs Off Peak (10 PM to 6 AM)	0.00
HT II (F) : Start up power	17.37
HT III: Public Infrastructure and Tourism	6.77
Time of Day Tariffs (6 PM to 10 PM)	1.87
HT IV Government LIS	86.31
HT IV Private Irrigation and Agriculture	0.00
HT IV CPWS	59.86
HT VI: Townships & Residential Colonies	3.76
HT VII: Green Power	0.00
HT VIII: Temporary	0.00
Category: RESCOs	0.00
HT Category at 132 kv	4786.72
HT I (A): General	864.08
Lights and Fans	14.63
Industrial Colonies	12.95
Seasonal Industries	0.00
Time of Day Tariffs Peak (6 AM to 10 AM & 6 PM to 10 PM)	840.39
Time of Day Tariffs Off Peak (10 PM to 6 AM)	900.70
HT I (B): Energy Intensive Industries	108.68
HT I (C) : Aquaculture and Animal Husbandry	0.00
HT I (D): Poultry and Hatcheries and Poultry Feed Mixing Plants	0.00
HT II: Others	37.52
Time of Day Tariffs (6 PM to 10 PM)	8.41
HT II (B): Religious Places	0.00
HT II (C) : Function Halls / Auditoriums	0.00
HT II (E): Electric Vehicles (Evs) / Charging stations	0.00
Time of Day Tariffs Peak (6 AM to 10 AM & 6 PM to 10 PM)	0.00
Time of Day Tariffs Off Peak (10 PM to 6 AM)	0.00
HT II (F) : Start up power	3.62
HT III: Public Infrastructure and Tourism	0.00
Time of Day Tariffs (6 PM to 10 PM)	0.00
HT IV Government LIS	1177.12
HT IV Agriculture	0.00
HT IV CPWS	0.00
HT V: Railway Traction	818.64
HT VI: Townships & Residential Colonies	0.00
HT VII: Green Power	0.00
HT VIII: Temporary	0.00
Category: RESCOs	0.00
Total (LT + HT)	34888.89

Category	2019-20
LT Category	24010.18
132 kV & Above	1178.40
Industry, ToD Peak (6 AM to 10 AM & 6 PM to 10 PM)	1336.29
11 kV	303.09
33 kV	619.37
132 kV & Above	413.82
Industry, ToD Off Peak (10 PM to 6 AM)	1491.59
11 kV	287.35
33 kV	688.88
132 kV & Above	515.36
Industrial colonies	17.03
11 kV	0.54
33 kV	7.29
132 kV & Above	9.20
(B): Seasonal Industries	6.51
11 kV	5.87
33 kV	0.64
132 kV & Above	0.00
(C): Energy Intensive Industries	170.05
11 kV	1.35
33 kV	86.75
132 kV & Above	81.95
HT Cat-IV : Institutional	963.40
(B): Composite Protected Water Supply Schemes/ PWS Schemes	120.74
11 kV	56.43
33 kV	64.31
132 kV & Above	0.00
(E): Religious Places	39.61
11 kV	8.06
33 kV	31.55
132 kV & Above	0.00
(F) Railway Traction	803.04
HT Cat-V : Agricultural & Related	1790.80
(C): Aquaculture and Animal Husbandry	47.19
11 kV	47.19
33 kV	0.00
132 kV & Above	0.00
(D) Poultry Hatcheries and Poultry Feed Mixing Plants, Aqua Hatcheries and Aqua feed mixing plants & Floriculture in Green House	174.07
11 kV	64.38
33 kV	109.69
132 kV & Above	0.00
(F): Government / Private Lift Irrigation	1569.54
11 kV	61.15
33 kV	106.76
132 kV & Above	1401.63
RESCO	
Kuppam	452.96
Grand Total (LT+HT)	35158.60

Sales forecast for FY 2020-21 & FY 2021-22

Sales / Forecast Sales (MU)	2020-21	2021-22
LT Category	15096.09	16122.84
Domestic	5050.17	5184.08
Commercial & Others	724.63	847.59
Industry	482.34	544.90
Institutional	638.52	700.60
Agriculture & Related	8200.44	8845.67
	0.00	0.00
HT Category	7053.79	8149.38
HT Cat-I : Domestic	0.00	0.00
(B): Townships, Colonies, Gated Communities and Villas	15.27	12.42
11 kV	12.20	7.77
33 kV	3.07	4.65
132 kV & Above	0.00	0.00
HT Cat-II : Commercial & Others	274.22	325.71
Commercial	171.97	225.00
11 kV	142.55	182.90
33 kV	9.87	13.01
132 kV & Above	19.55	29.10
Commercial, ToD	71.31	63.10
11 kV	51.15	50.93
33 kV	4.29	3.61
132 kV & Above	15.87	8.57
(iv) Function Halls/Auditoriums	1.67	2.72
11 kV	1.67	2.72
33 kV	0.00	0.00
132 kV & Above	0.00	0.00
(B): Start up power	29.07	34.19
11 kV	0.17	0.19
33 kV	24.03	28.07
132 kV & Above	4.87	5.92
(C): Electric Vehicles (Evs) / Charging stations	0.00	0.00
11 kV	0.00	0.00
33 kV	0.00	0.00
132 kV & Above	0.00	0.00
(D): Green Power	0.21	0.70
11 kV	0.05	0.08
33 kV	0.16	0.62
132 kV & Above	0.00	0.00
HT Cat-III : Industry	3823.58	4405.30
(A): Industrial General	1077.75	1314.42
11 kV	363.06	481.98

Sales / Forecast Sales (MU)	2020-21	2021-22
33 kV	412.08	541.64
132 kV & Above	302.61	290.79
Industry, ToD Peak (6 AM to 10 AM & 6 PM to 10 PM)	1163.12	1273.23
11 kV	276.96	361.22
33 kV	487.48	567.99
132 kV & Above	398.68	344.03
Industry, ToD Off Peak (10 PM to 6 AM)	1343.76	1573.54
11 kV	263.76	340.15
33 kV	531.41	641.88
132 kV & Above	548.59	591.51
Industrial colonies	9.38	9.93
11 kV	0.45	0.97
33 kV	0.86	0.83
132 kV & Above	8.08	8.14
(B): Seasonal Industries	3.75	3.24
11 kV	3.75	3.24
33 kV	0.00	0.00
132 kV & Above	0.00	0.00
(C): Energy Intensive Industries	225.81	230.94
11 kV	1.62	2.60
33 kV	106.17	117.14
132 kV & Above	118.02	111.20
HT Cat-IV : Institutional	495.50	691.38
(A): Utilities - Composite Protected Water Supply Schemes	107.49	119.37
11 kV	40.09	41.99
33 kV	67.40	77.38
132 kV & Above	0.00	0.00
(B): General Purpose	45.65	60.51
11 kV	42.78	56.70
33 kV	2.87	3.82
132 kV & Above	0.00	0.00
(C): Religious Places	26.95	42.60
11 kV	3.69	6.25
33 kV	23.26	36.34
132 kV & Above	0.00	0.00
(D) Railway Traction	315.41	468.90
HT Cat-V : Agricultural & Related	1998.45	2195.04
(B): Aquaculture and Animal Husbandry	24.78	29.72
11 kV	24.78	29.72
33 kV	0.00	0.00
132 kV & Above	0.00	0.00
(C):Poultry & Aqua culture	0.00	0.00

Sales / Forecast Sales (MU)	2020-21	2021-22
(i) Poultry Hatcheries and Poultry Feed Mixing Plants	25.23	27.72
11 kV	19.04	21.21
33 kV	6.20	6.51
132 kV & Above	0.00	0.00
(ii): Aqua Hatcheries & Aqua Feed mixing plants	32.83	38.12
11 kV	17.01	16.80
33 kV	15.82	21.32
132 kV & Above	0.00	0.00
(E): Government / Private Lift Irrigation	1915.61	2099.48
11 kV	22.11	25.75
33 kV	77.74	94.89
132 kV & Above	1815.76	1978.85
RESCO	0.00	0.00
Kuppam	446.77	519.54
Grand Total (LT+HT)	22149.87	24272.22

6.2 Revenue from Current Tariffs

The computation of revenue at current tariff for FY 2020-21 and FY 2021-22 for each customer category is carried out as follows:

Revenue from Tariffs =

- Energy Estimate * Approved Energy Charges ... (a)
- + Contracted Demand / Load Estimate * Approved Demand / Fixed Charges (b)
- + Incremental Revenue on account of Monthly Minimum Charges ('MMC') ... (c)
- + Customer Charges (d)
- + Other Charges ----- (e)

Energy charges:

For customer categories having telescopic energy tariffs, the energy estimates have been apportioned into the slabs and then have been multiplied with the corresponding slab tariff. The apportionment has been based on the historical break up of telescopic consumption into the various slabs as captured in the billing information database. The energy charges are calculated as per the billing parameters i.e., kWh and kVAh for the category and the existing tariff rates of that category.

Demand/Fixed Charges: The estimate of demand has been made in "HP/kW" or in "MVA" as the case maybe. Billing demand has been assumed to grow in proportion to the growth of sales in FY 2020-21 & FY 2021-22. Additional demand due to additional load has been added to arrive at final demand for the year FY 2020-21 & FY 2021-22.

Monthly Minimum charges (MMC): The ‘incremental’ revenue due to MMC for each category is the difference between cost of units recorded and monthly minimum charges notified in the tariff order in respect of LT categories.

Customer Charges: Customer charges are as approved in tariff Order for each of the category of consumers. As per the revised regulatory formats income from customer charges is considered as part of revenue from tariffs.

Other Charges: These are the charges other than the above charges.

Based on the above approach, the gross revenue (excl. NTI) for FY 2020-21 is expected to be Rs.9125.03 Cr, while that for FY 2021-22 is expected to be Rs. 10119.17 Cr. The NTI for FY 2020-21 is Rs. 748.41 Crs., while for FY 2021-22 NTI is Rs.800.80 crores. The table below provides the category-wise revenue for FY 2020-21 and FY 2021-22:

Category-wise revenue (Excl. NTI) (Form-5) (Rs. Crores)		
Category	2020-21	2021-22
LT Category	3915.02	4176.75
Domestic	1943.33	1915.51
Commerical & Others	775.67	911.96
Industry	393.44	443.27
Institutional	492.99	542.62
Agriculture & Related	309.60	363.39
HT Category	5210.01	5942.42
HT Cat-I : Domestic		
(B): Townships, Colonies, Gated Communities and Villas	11.52	10.85
11 kV	9.21	7.44
33 kV	2.31	3.41
132 kV & Above	0.00	0.00
HT Cat-II : Commercial & Others	324.72	375.03
Commercial		
11 kV	190.21	229.13
33 kV	14.98	17.17
132 kV & Above	20.51	27.65
Commercial, ToD		
11 kV	44.25	44.05
33 kV	3.41	2.87
132 kV & Above	12.22	6.60

Category	2020-21	2021-22
(iv) Function Halls/Auditoriums		
11 kV	2.12	3.46
33 kV	0.00	0.00
132 kV & Above	0.00	0.00
(B): Start up power		
11 kV	0.22	0.25
33 kV	30.49	35.63
132 kV & Above	6.04	7.34
(C): Electric Vehicles (Evs) / Charging stations		
11 kV	0.00	0.00
33 kV	0.00	0.00
132 kV & Above	0.00	0.00
(D): Green Power		
11 kV	0.06	0.10
33 kV	0.20	0.79
132 kV & Above	0.00	0.00
HT Cat-III : Industry	2982.09	3374.93
(A): Industrial General		
11 kV	458.37	547.18
33 kV	509.08	602.80
132 kV & Above	455.97	468.48
Industry, ToD Peak ((6 AM to 10 AM & 6 PM to 10 PM)		
11 kV	202.18	263.69
33 kV	333.92	389.07
132 kV & Above	255.16	220.18
Industry, ToD Off Peak (10 PM to 6 AM)		
11 kV	139.79	180.28
33 kV	257.73	311.31
132 kV & Above	241.38	260.27
Industrial colonies		
11 kV	0.32	0.68
33 kV	0.60	0.58
132 kV & Above	5.65	5.70
(B): Seasonal Industries		
11 kV	5.74	5.46
33 kV	0.00	0.00
132 kV & Above	0.00	0.00

Category	2020-21	2021-22
(C): Energy Intensive Industries		
11 kV	0.94	1.52
33 kV	56.82	62.70
132 kV & Above	58.43	55.06
HT Cat-IV : Institutional	449.25	597.14
(A): Utilities - Composite Protected Water Supply Schemes		
11 kV	40.12	42.03
33 kV	58.73	67.46
132 kV & Above	0.00	0.00
(B): General Purpose		
11 kV	49.08	65.06
33 kV	3.25	4.23
132 kV & Above	0.00	0.00
(C): Religious Places		
11 kV	1.96	3.33
33 kV	11.88	18.68
132 kV & Above	0.00	0.00
(D) Railway Traction	284.23	396.36
HT Cat-V : Agricultural & Related	1424.56	1563.69
(B): Aquaculture and Animal Husbandry		
11 kV	9.97	11.95
33 kV	0.00	0.00
132 kV & Above	0.00	0.00
(C):Poultry & Aquaculture		
(i) Poultry Hatcheries and Poultry Feed Mixing Plants		
11 kV	13.02	14.52
33 kV	4.65	4.81
132 kV & Above	0.00	0.00
(ii): Aqua Hatcheries & Aqua Feed mixing plants		
11 kV	14.11	13.98
33 kV	12.71	16.78
132 kV & Above	0.00	0.00
(E): Government / Private Lift Irrigation		
11 kV	16.01	18.64
33 kV	55.73	68.02
132 kV & Above	1298.36	1414.98
RESCO		
Kuppam	17.87	20.78
Grand Total (LT+HT)	9125.03	10119.17

6.2.1 Detailed category wise Revenue computation

The detailed category wise computation of revenue is as follows.

The revenue at current tariff is projected. Estimated revenue for FY 2020-21 & FY 2021-22 are submitted below:

6.2.2 Low Tension Categories

6.2.2.1 LT I: Domestic Category

Year	Energy Charges (Rs crores)	Demand /Fixed charges (Rs crores)	Minimum Charges (Rs crores)	Customer Charges (Rs crores)	Others (Rs crores)	Gross Revenue from Tariff (Rs crores)
2020-21	1714.60	0.00	34.01	194.72	0.00	1943.33
2021-22	1670.05	0.00	36.86	208.60	0.00	1915.51

Based on the above the total revenue estimate for the category is Rs. 1943.33 Crores for FY 2020-21 and Rs.1915.51 Crores for FY 2021-22.

6.2.2.2 LT II: Commercial & Others Category

Year	Energy Charges (Rs crores)	Demand /Fixed charges (Rs crores)	Minimum Charges (Rs crores)	Customer Charges (Rs crores)	Others (Rs crores)	Gross Revenue from Tariff (Rs crores)
2020-21	648.81	95.15	11.39	20.32	0.00	775.67
2021-22	767.95	109.72	12.21	22.09	0.00	911.96

Based on the above the total revenue estimate for the category is Rs. 775.67 Crores for FY 2020-21 and Rs.911.96 Crores for FY 2021-22.

6.2.2.3 LT III: Industrial Category

Year	Energy Charges (Rs crores)	Demand /Fixed charges (Rs crores)	Minimum Charges (Rs crores)	Customer Charges (Rs crores)	Others (Rs crores)	Gross Revenue from Tariff (Rs crores)
2020-21	311.99	50.67	0.00	30.78	0.00	393.44
2021-22	351.61	57.00	0.00	34.66	0.00	443.27

Based on the above the total revenue estimate for the category is Rs. 393.44 Crores for FY 2020-21 and Rs.443.27 Crores for FY 2021-22.

6.2.2.4 LT IV: Institutional Category

Year	Energy Charges (Rs crores)	Demand /Fixed charges (Rs crores)	Minimum Charges (Rs crores)	Customer Charges (Rs crores)	Others (Rs crores)	Gross Revenue from Tariff (Rs crores)
2020-21	445.49	39.86	1.16	6.48	0.00	492.99
2021-22	488.77	45.03	1.41	7.40	0.00	542.62

Based on the above the total revenue estimate for the category is Rs. 492.99 Crores for FY 2020-21 and Rs.542.62 Crores for FY 2021-22.

6.2.2.5 LT V: Agriculture & Related Category

Year	Energy Charges (Rs crores)	Demand /Fixed charges (Rs crores)	Minimum Charges (Rs crores)	Customer Charges (Rs crores)	Others (Rs crores)	Gross Revenue from Tariff (Rs crores)
2020-21	257.39	15.56	0.00	36.65	0.00	309.60
2021-22	305.37	17.95	0.00	40.06	0.00	363.39

Based on the above the total revenue estimate for the category is Rs. 309.60 Crores for FY 2020-21 and Rs.363.39 Crores for FY 2021-22.

6.2.3 High Tension Categories

6.2.3.1 HT Cat-I: Domestic

Voltage	Energy Charges (Rs crores)	Demand /Fixed charges (Rs crores)	Minimum Charges (Rs crores)	Customer Charges (Rs crores)	Others (Rs crores)	Gross Revenue from Tariff (Rs crores)
2020-21						
11 KV	8.54	0.62	0.00	0.05	0.00	9.21
33 KV	2.15	0.14	0.00	0.02	0.00	2.31
132 KV	0.00	0.00	0.00	0.00	0.00	0.00
Total	10.69	0.76	0.00	0.07	0.00	11.52
2021-22						
11 KV	5.44	1.70	0.00	0.30	0.00	7.44
33 KV	3.25	0.14	0.00	0.02	0.00	3.41
132 KV	0.00	0.00	0.00	0.00	0.00	0.00
Total	8.69	1.84	0.00	0.32	0.00	10.85

Based on the above the total revenue estimate for the category is Rs. 11.52 Crores for FY 2020-21 and Rs.10.85 Crores for FY 2021-22.

6.2.3.2 HT Cat-II: Commercial & Others

Voltage	Energy Charges (Rs crores)	Demand /Fixed charges (Rs crores)	Minimum Charges (Rs crores)	Customer Charges (Rs crores)	Others (Rs crores)	Gross Revenue from Tariff (Rs crores)
2020-21						
11 KV	155.61	79.93	0.00	1.32	0.00	236.86
33 KV	39.90	8.02	0.00	1.17	0.00	49.09
132 KV	31.28	7.41	0.00	0.07	0.00	38.76
Total	226.79	95.36	0.00	2.57	0.00	324.72
2021-22						
11 KV	187.63	87.93	0.00	1.44	0.00	277.00
33 KV	47.06	8.02	0.00	1.37	0.00	56.45
132 KV	33.35	8.15	0.00	0.09	0.00	41.59
Total	268.04	104.10	0.00	2.90	0.00	375.03

Based on the above the total revenue estimate for the category is Rs. 324.72 Crores for FY 2020-21 and Rs.375.03 Crores for FY 2021-22.

6.2.3.3 HT Cat-III: Industry

Voltage	Energy Charges (Rs crores)	Demand /Fixed charges (Rs crores)	Minimum Charges (Rs crores)	Customer Charges (Rs crores)	Others (Rs crores)	Gross Revenue from Tariff (Rs crores)
2020-21						
11 KV	574.83	229.87	0.00	2.64	0.00	807.34
33 KV	890.12	267.31	0.00	0.73	0.00	1158.16
132 KV	724.02	292.43	0.00	0.14	0.00	1016.59
Total	2188.97	789.61	0.00	3.51	0.00	2982.09
2021-22						
11 KV	752.29	243.74	0.00	2.78	0.00	998.80
33 KV	1080.49	285.20	0.00	0.76	0.00	1366.45
132 KV	698.21	311.32	0.00	0.15	0.00	1009.68
Total	2530.98	840.26	0.00	3.68	0.00	3374.93

Based on the above the total revenue estimate for the category is Rs. 2982.09 Crores for FY 2020-21 and Rs.3374.93 Crores for FY 2021-22.

6.2.3.4 HT Cat- IV: Institutional

Voltage	Energy Charges (Rs crores)	Demand /Fixed charges (Rs crores)	Minimum Charges (Rs crores)	Customer Charges (Rs crores)	Others (Rs crores)	Gross Revenue from Tariff (Rs crores)
2020-21						
11 KV	66.53	24.30	0.00	0.33	0.00	91.16
33 KV	60.55	13.23	0.00	0.08	0.00	73.86
132 KV	173.47	110.67	0.00	0.08	0.00	284.23
Total	300.55	148.20	0.00	0.50	0.00	449.25
2021-22						
11 KV	80.32	29.69	0.00	0.41	0.00	110.42
33 KV	74.72	15.54	0.00	0.10	0.00	90.36
132 KV	257.89	138.34	0.00	0.12	0.00	396.36
Total	412.93	183.57	0.00	0.64	0.00	597.14

Based on the above the total revenue estimate for the category is Rs. 449.25 Crores for FY 2020-21 and Rs.597.14 Crores for FY 2021-22.

6.2.3.5 HT Cat-V: Agriculture & Related

Year	Energy Charges (Rs crores)	Demand /Fixed charges (Rs crores)	Minimum Charges (Rs crores)	Customer Charges (Rs crores)	Others (Rs crores)	Gross Revenue from Tariff (Rs crores)
2020-21						
11 KV	45.12	7.67	0.00	0.31	0.00	53.10
33 KV	67.93	5.00	0.00	0.17	0.00	73.10
132 KV	1298.27	0.00	0.00	0.09	0.00	1298.36
Total	1411.32	12.66	0.00	0.57	0.00	1424.56
2021-22						
11 KV	50.65	8.09	0.00	0.35	0.00	59.09
33 KV	83.52	5.90	0.00	0.20	0.00	89.62
132 KV	1414.88	0.00	0.00	0.10	0.00	1414.98
Total	1549.04	13.99	0.00	0.66	0.00	1563.69

Based on the above the total revenue estimate for the category is Rs. 1424.56 Crores for FY 2020-21 and Rs.1563.69 Crores for FY 2021-22.

6.2.3.6 RESCOs

Year	Energy Charges (Rs crores)	Demand /Fixed charges (Rs crores)	Minimum Charges (Rs crores)	Customer Charges (Rs crores)	Others (Rs crores)	Gross Revenue from Tariff (Rs crores)
2020-21	17.87	0.00	0.00	0.00	0.00	17.87
2021-22	20.78	0.00	0.00	0.00	0.00	20.78

Based on the above the total revenue estimate for the category is Rs. 17.87 Crores for FY 2020-21 and Rs.20.78 Crores for FY 2021-22.

7 Average Revenue Realized vs Average CoS break up for APSPDCL in FY 2021-22

Average Revenue Realized vs Average CoS break up for APSPDCL in FY 2021-22

- Average Revenue Realisation (ARR) for FY 2021-22 through proposed tariffs is Rs.4.66/kWh
- Average Cost of Supply (CoS) for APSPDCL - Rs. 7.32/kWh
- Average CoS break-up (per unit of Sales) for APSPDCL is as follows:-

Particulars	FY 2020-21 Approved (Rs./Unit)	FY 2020-21 Projected (Rs./Unit)	FY 2021-22 Projected (Rs./Unit)
Power Purchase cost	4.71	4.49	4.45
T&D Loss Cost	0.67	0.55	0.57
Network Cost	1.75	1.82	1.98
Other Cost	0.01	0.28	0.32
Cost of Service	7.14	7.14	7.32

- The estimated revenue gap for the licensee for FY 2021-22 is as follows:

S.No.	Particulars	FY 2021-22
A	Total Revenue at proposed tariffs (including CSS)	11,742.11
B	Aggregate Revenue Requirement (Rs. Crs.)	17,768.00
C = A - B	Revenue (Deficit) / Surplus (Rs. Crs.)	-6,025.89

8 Performance Parameters

The details as required by the APERC as per the fresh directive (1) in the Retail supply Tariff order 2008-09 are given below:

8.1.1 Compensation awarded by the CGRF to the consumers for deficiency of service as per the Regulations of the Commission

Compensation paid by the licensee to consumers for deficiency of service as per the Regulations of the Commission					
S.No	C.G.No & Date	Circle	Date of Order	Compensation awarded	Brief Cause
Compensation awarded for the year 2019-2020					
1	153/27-10-17	Guntur	11-11-2019	Rs.10,000 /-	Low Voltage
Compensation awarded for the year 2020-2021 (Upto Sep'20)					
- NIL -					

8.1.2 Details of Electrical Accidents and ex-gratia sanctioned during FY 2019-20 and FY 2020-21 (upto Sep'20):

S.No	Circle	2019-20 (Non-Departmental)				2020-21 (Upto Sep'20) (Non-Departmental)			
		Human		Animal		Human		Animal	
		Fatal	Non-fatal	Fatal	Non-fatal	Fatal	Non-fatal	Fatal	Non-fatal
1	Vijayawada	46	2	77	0	Pertains to APCPDCL			
2	Guntur	25	0	30	0				
3	Ongole	25	3	139	0				
4	Nellore	12	1	19	0	3	0	12	0
5	Tirupati	18	2	5	0	15	10	2	0
6	Kadapa	39	3	34	0	17	3	7	0
7	Anantapur	94	17	30	0	43	5	12	0
8	Kurnool	51	13	34	0	36	14	19	0
Total		310	41	368	0	114	32	52	0

S.No	Ex-gratia Paid								
	Circle	2019-20				2020-2021 (upto Sep,2020)			
		Animal (Nos.)	Amount (Rs.)	Human (Nos.)	Amount (Rs.)	Animal (Nos.)	Amount (Rs.)	Human (Nos.)	Amount (Rs.)
1	Vijayawada	57	2547000	15	6500000	Pertains to APCPDCL			
2	Guntur	27	1145000	13	6672886				
3	Ongole	159	6628500	16	8000000				
4	Nellore	39	1667000	10	9336644	24	955000	3	1500000
5	Tirupati	2	110000	14	6428000	1	40000	1	596632
6	Kadapa	28	1293000	20	10000000	22	793000	4	2000000
7	Anantapur	9	405000	33	14218282	0	0	1	500000
8	Kurnool	26	955000	29	14020827	2	80000	0	0
Total		347	14750500	150	75176639	49	1868000	9	4596632

8.1.3 Replacement of burnt transformers, installation of additional transformers.

S.No.	Circle	2019-20			2020-21 (Upto Sep'20)		
		Total No. of DTRs burnt	Replacement of burnt transformers	Installation of additional transformers	Total No. of DTRs burnt	Replacement of burnt transformers	Installation of additional transformers
1	Vijayawada	2517	2517	7009	Pertains to APCPDCL		
2	Guntur	3390	3390	4781			
3	Ongole	5401	5401	5147			
4	Nellore	4932	4932	2039	2669	2669	1203
5	Tirupati	9551	9551	2773	4912	4912	1516
6	Kadapa	7550	7550	3969	4119	4119	2119
7	Anantapur	6716	6716	16808	3181	3181	6679
8	Kurnool	5060	5060	12981	2567	2567	3450
Total		45117	45117	55507	17448	17448	14967

8.1.4 Number of burnt-out, non-functioning or faulty meters (Circle-wise).

Burnt meters for FY 2019-20												
Circle	Defective as on			Defective during			Replaced during			Defective as on		
	01-04-2019			2019-2020			2019-2020			31-03-2020		
	1 Ph	3 Ph	Total	1 Ph	3 Ph	Total	1 Ph	3 Ph	Total	1 Ph	3Ph	Total
Vijayawada	108	36	144	1973	557	2530	1971	559	2530	110	34	144
Guntur	667	140	807	6383	975	7358	6519	1055	7574	531	60	591
Ongole	975	88	1063	1912	607	2519	1929	614	2543	958	81	1039
Nellore	64	111	175	3767	1288	5055	3281	928	4209	550	471	1021
Tirupati	211	27	238	3320	540	3860	3320	540	3860	211	27	238
Kadapa	143	13	156	3228	430	3658	3228	430	3658	143	13	156
Anantapur	525	153	678	4137	1172	5309	3685	967	4652	977	358	1335
Kurnool	456	71	527	5649	682	6331	5603	682	6285	502	71	573
Total	3149	639	3788	30369	6251	36620	29536	5775	35311	3982	1115	5097

Stuck-up meters for FY 2019-20												
Circle	Defective as on			Defective during			Replaced during			Defective as on		
	01-04-2019			2019-2020			2019-2020			31-03-2020		
	1 Ph	3 Ph	Total	1 Ph	3 Ph	Total	1 Ph	3 Ph	Total	1 Ph	3 Ph	Total
Vijayawada	3905	279	4184	48336	4625	52961	48332	4626	52958	3909	278	4187
Guntur	3353	312	3665	67413	3938	71351	65315	3977	69292	5451	273	5724
Ongole	5080	251	5331	19471	1448	20919	19454	1440	20894	5097	259	5356
Nellore	1122	240	1362	34113	4763	38876	28807	3483	32290	6428	1520	7948
Tirupati	2444	113	2557	29580	1883	31463	29580	1883	31463	2444	113	2557
Kadapa	1359	74	1433	24916	1221	26137	24933	1221	26154	1342	74	1416
Anantapur	648	49	697	53243	2768	56011	46528	2459	48987	7363	358	7721
Kurnool	3698	153	3851	51411	1574	52985	51358	1574	52932	3751	153	3904
Total	21609	1471	23080	328483	22220	350703	314307	20663	334970	35785	3028	38813

Burnt meters for FY 2020-2021 (upto Sep,2020)												
Circle	Defective as on			Defective during			Replaced during			Defective as on		
	01-04-2020			2020-2021 (upto Sep'20)			2020-2021 (upto Sep'20)			30-09-2020		
	1 Ph	3 Ph	Total	1 Ph	3 Ph	Total	1 Ph	3 Ph	Total	1 Ph	3 Ph	Total
Nellore	550	471	1021	1773	387	2160	1454	312	1766	869	546	1415
Tirupati	211	27	238	1412	197	1609	1412	197	1609	211	27	238
Kadapa	143	13	156	1515	143	1658	1515	143	1658	143	13	156
Anantapur	977	358	1335	2322	488	2810	1690	636	2326	1609	210	1819
Kurnool	502	71	573	2377	485	2862	2028	405	2433	851	151	1002
Total	2383	940	3323	9399	1700	11099	8099	1693	9792	3683	947	4630

Stuck-up meters for FY 2020-2021 (upto Sep,2020)												
Circle	Defective as on			Defective during			Replaced during			Defective as on		
	01-04-2020			2020-2021 (upto Sep'20)			2020-2021 (upto Sep'20)			30-09-2020		
	1 Ph	3Ph	Total	1 Ph	3 Ph	Total	1 Ph	3 Ph	Total	1 Ph	3Ph	Total
Nellore	6428	1520	7948	11094	1298	12392	10511	1197	11708	7011	1621	8632
Tirupati	2444	113	2557	13804	966	14770	13804	966	14770	2444	113	2557
Kadapa	1342	74	1416	12947	654	13601	12965	654	13619	1324	74	1398
Anantapur	7363	358	7721	19291	724	20015	17173	940	18113	9481	142	9623
Kurnool	3751	153	3904	21635	1395	23030	17946	1092	19038	7440	456	7896
Total	21328	2218	23546	78771	5037	83808	72399	4849	77248	27700	2406	30106

8.1.5 Performance with regard to attending fuse-off calls.

Performance with regard to attending fuse-off calls					
S.No.	Circle	2019-20		2020-2021 (upto Sep,2020)	
		Received	With in the stipulated time	Received	With in the stipulated time
1	Vijayawada	33400	16814	Pertains to APCPDCL	
2	Guntur	27365	13445		
3	Ongole	8438	3348		
4	Nellore	17756	7596	11063	8132
5	Tirupati	21626	11282	15002	11841
6	Kadapa	9133	4567	7056	5423
7	Anantapur	10936	5368	8715	6532
8	Kurnool	11090	5357	7574	5639
APSPDCL		139744	67777	49410	37567

8.1.6 Breakdowns and interruptions in power supply to consumers (Circle-wise) and time taken for restoration.

Number and Duration of supply interruptions on 33KV and 11KV networks										URBAN
For FY 2019-2020										
S.No	Circle	No of interruptions		Duration in hours		No.of Breakdowns		Duration in Hours		
		33KV	11KV	33KV	11KV	33KV	11KV	33KV	11KV	
1	Vijayawada	142	9713	132:38	426:01	22	699	86:22	1298:41	
2	Guntur	158	8908	80:41	389:45	18	269	133:26	681:54	
3	Ongole	144	11578	69:44	509:27	14	135	86:55	392:42	
4	Nellore	109	10281	55:24	454:56	12	127	64:14	557:45	
5	Tirupati	89	8770	26:24	388:15	5	191	29:59	454:12	
6	Kadapa	185	8558	104:23	381:51	9	572	78:20	2083:55	
7	Anantapur	128	6549	82:30	297:30	11	488	95:48	2267:35	
8	Kurnool	222	6859	118:19	307:15	10	155	55:50	707:24	
SPDCL		1177	71218	670:03	3155:03	101	2636	630:57	8444:11	
For FY 2020-2021 (upto Sep-2020)										
1	Nellore	98	1107	33:31	122:05	10	85	44:55	199:29	
2	Tirupati	80	2293	21:06	245:32	9	116	32:09	131:24	
3	Kadapa	145	4239	34:19	260:51	2	235	6:15	1077:39	
4	Anantapur	104	5772	24:13	316:39	1	205	3:05	1491:09	
5	Kurnool	77	4141	16:42	250:58	2	61	3:28	379:47	
SPDCL		504	17553	129:54	1196:07	24	703	89:52	3279:29	

Number and Duration of supply interruptions on 33KV and 11KV networks									RURAL
For FY 2019-2020									
S.No	Circle	No of interruptions		Duration in hours		No of Breakdowns		Duration in Hours	
		33KV	11KV	33KV	11KV	33KV	11KV	33KV	11KV
1	Vijayawada	2698	10576	2520:06	647:00	424	1223	1641:16	2556:45
2	Guntur	3004	12030	1532:35	735:59	333	470	2535:22	1342:28
3	Ongole	2739	21945	1325:01	1342:29	268	237	1651:40	773:06
4	Nellore	2074	22143	1052:44	1353:04	220	223	1220:26	1098:03
5	Tirupati	1695	39065	501:49	2307:14	102	334	569:55	894:11
6	Kadapa	3510	25019	1983:28	1528:21	175	1001	1488:28	4102:38
7	Anantapur	2424	23432	1567:30	1431:26	214	855	1820:13	4464:12
8	Kurnool	4226	18970	2248:12	1159:11	181	271	1060:54	1392:40
SPDCL		22370	173180	12731:25	10504:49	1916	4612	11988:17	16624:06
For FY 2020-2021 (upto Sep-2020)									
1	Nellore	1867	8424	637:05	220:57	139	156	571:51	388:16
2	Tirupati	1525	7505	401:07	127:49	105	212	393:12	255:47
3	Kadapa	2760	11136	652:08	145:32	106	428	556:15	2097:33
4	Anantapur	1981	15995	460:13	567:43	108	374	685:37	2902:23
5	Kurnool	1467	16779	317:34	797:22	120	112	1021:00	739:13
SPDCL		9600	59840	4100:29	1859:24	578	1282	3227:55	6383:13

8.1.7 Frequency at various levels of interface over the period.

Month	Average	Max.		Min.	
	Hz.	Hz.	Date	Hz.	Date
Apr-19	50.00	50.29	02.04.19	49.65	15.04.19
May-19	50.00	50.33	09.05.19	49.65	24.05.19
Jun-19	50.00	50.31	05.06.19	49.63	28.06.19
Jul-19	49.98	50.22	10.07.19	49.8	25.07.19
Aug-19	50.01	50.96	09.08.19	48.89	14.08.19
Sep-19	49.98	50.4	26.09.19	48.93	16.09.19
Oct-19	49.62	50.23	19.10.19	47.97	24.10.19
Nov-19	50.00	50.51	14.11.19	48.97	17.11.19
Dec-19	50.00	50.27	12.12.19	49.04	16.12.19
Jan-20	49.98	50.63	13.01.20	48.98	21.01.20
Feb-20	49.98	50.25	06.02.20	47.91	01.02.20
Mar-20	49.99	50.4	26.03.20	48.98	21.03.20
Average 2019-20	49.96	50.96	09.08.19	47.91	01.02.20
Apr-20	50.21	50.4	07.04.20	49.71	22.04.20
May-20	49.63	50.28	28.05.20	49.08	18.05.20
Jun-20	50.13	50.28	21.06.20	49.67	09.06.20
Jul-20	49.20	50.32	05.07.20	49.77	14.07.20
Aug-20	49.81	50.21	30.08.20	49.78	31.08.20
Sep-20	49.96	50.15	04.09.20	49.78	03.09.20
Average 2020-21	49.82	50.15	04.09.20	49.08	18.05.20

8.1.8 Pending applications and connections released to different categories of consumers Category wise pending applications as on October' 2020

Category	LT-I	LT-II	LT-III	LT-IV	LT-V	HT	Total
Pending at the beginning of the month	22652	8414	910	4507	204977	442	241902
Received during the month	15081	4331	147	319	6264	30	26172
Service released during the month	14243	3747	76	103	7335	9	25513
Paid pending at the end of October'2020	12468	2957	70	159	45374	0	61028
Total pending at the end of October'2020	23490	8998	981	4723	203906	463	242561

8.1.9 Arrears of consumers over Rs.50, 000 pending for over six months and details of bad debts written off

Defaulters list of individual consumers (circle wise) whose arrears are more than Rs.50,000/- as on 30-09-2020 is displayed in APSPDCL website (www.apspdcl.in)

8.1.10 Court cases involving the Licensee in APERC/CERC/APTEL/High Court & Supreme Court

Sl No	NAME OF THE COURT	Petition No.	Name of the Petitioner	RESPONDENTS	Subject
1	APERC	O.P.No.31 of 2019	M/s. Azure Power Infrastructure Private Limited	APSPDCL	Petition under Section 86 (1) (a) and (b) read with Section 86 (1) (f) of the Electricity Act, 2003 and Article 13 read with Article 11.4 of the Power Purchase Agreement executed between the petitioner and respondent dated 05-12-2014 seeking relief on account of "Change in Law" viz., the introduction of Goods and Services Tax Laws at the Central level and change in the rate of Service Tax, resulting in additional recurring expenditure in the form of an additional tax burden to be borne by the petitioner after the Effective Date of the Power Purchase Agreement
2	APERC	O.P.No.41 of 2019 on 01.05.2019	M/s. Palnadu Solar Power Private Limited	APSPDCL, APPCC	Petitioner under Section 63 of the Electricity Act 2003 R/w APERC Conduct of Business Regulation 1999 for approval of tariff for the additional capacity of 4.5 MW of the Petitioner's solar power project as determined through a competitive bidding process.
3	APERC	O.P.No.61 of 2019	M/s. SBG Cleantech Project Co Pvt. Ltd	APSLDC, APTRANSCO, APEPDCL, NTPC & MNRE	To implement the MUST RUN status accorded to the petitioner's Solar Project in letter and spirit, refrain from illegally curtailing the solar energy generated therefrom, and compensate the petitioner for the unlawful and arbitrary curtailment of generation from the petitioner's Solar Project
4	APERC	O.P.No.62 of 2019 on 09.10.2019	M/s Waneep Solar Pvt Limited	GoAP, APSPDCL, CGM/SPDCL, CE/IPC, GM/IPC, N REDCAP	Petition under Section 86(1) (e) & (f) of the Electricity Act, 2003 read with Regulations 55 and 57 of the Principal Regulation Andhra Pradesh Electricity Regulatory Commission (Conduct of Business) Regulations, 1999 to declare revised Scheduled Commercial Operation Date (SCOD) of the 25 MW solar power project as 29.09.2016 due to Force Majeure Events as envisaged in the PPA and consequently direct the respondents to refund the amounts adjusted towards penalty amounting to Rs.18,74,70,000/- (Rupees Eighteen Crores Seventy Four Lakh Seventy Thousand only) and adjusted bank guarantees invoked amounting to Rs.6.36 Cr
5	APERC	O.P.No.67 of 2019 filed on 11.10.2019	APDISCOMs	Solar Power Developers	
6	APTEL	Appeal No.93 of 2019 on 16.09.2019	M/s. SEI Green Flash Pvt. Ltd.	APERC, APSPDCL	To set aside the Impugned Order Dated 24.11.2018 in O.P.No.16 of 2018 issued by Hon'ble APERC in fixing the tariff of Rs.3.00 for the period from the date of Synchronization 27.10.2017 to date of entering of PPA 14.06.2018.
7	APTEL	Appeal No.94 of 2019 on 16.09.2019	M/s. SEI Arushi Pvt. Ltd	APERC, APSPDCL	To set aside the Impugned Order Dated 24.11.2018 in O.P.No.17 of 2018 issued by Hon'ble APERC in fixing the tariff of Rs.3.00 for the period from the date of Synchronization 28.10.2017 to date of entering of PPA 14.06.2018.

SI No	NAME OF THE COURT	Petition No.	Name of the Petitioner	RESPONDENTS	Subject
8	APTEL	Appeal No.95 of 2019 on 16.09.2019	M/s. Rain Coke Ltd.	APEREC, APSPDCL	To set aside the Impugned Order Dated 24.11.2018 in O.P.No.18 of 2018 issued by Hon'ble APEREC in fixing the tariff of Rs.3.00 for the period from the date of Synchronization 07.11.2017 to date of entering of PPA 14.06.2018.
9	APTEL	Appeals 210,211,212,213 of 2019	APDISCOMs	CERC & Others	Appeals filed by APDISCOMs against the impugned order dt.09.10.2018 passed by CERC directing the state DISCOMs to pay/compensate/pass over GST charges 'back to back' basis filed by 4 Nos. SPDs out of 8 nos. SPDs who has commissioned the 400 MW Project seeking change-in-law over GST issue.
10	APTEL	O.P.no. 01 to 06 of 2019	M/s Ayana Ananthapuramu Solar Private Limited & 5 others	APEREC & Others	For Modification of Order dt.29.08.2019 passed by this Hon'ble Tribunal in the instant matter under section 120(2)(h) of electricity act 2003, reads with rule 30 of APTEL rules, 2007 and Section 151, CPC
11	APTEL	DFR No.2362 (APL 369) of 2019 on 31.10.2019	M/s SB Energy Solar Private Limited	APEREC & Others	To expunge certain directions of Ld.APEREC vide order dt.05.10.2019 i.e., "...subject to the amendments to the Power Sale Agreements (PSAs)/Power Purchase Agreements (PPAs) respectively suggested by Sri M. Venugopala Rao and Sri A. Punna Rao, learned objectors being considered by the Distribution Companies of Andhra Pradesh, M/s. NTPC, M/s. SECI and the Solar Power Developers and their reporting back to the Commission within two (2) months from now their respective views on the proposed amendments." and to pass any other orders.
12	APTEL	DFR No.2367 (APL 372) of 2019 on 31.10.2019	M/s Sprng Agnitra Private Limited	APEREC & Others	
13	APTEL	DFR No.2363 (APL 370) of 2019 on 31.10.2019	M/s SB Energy Seven Private Limited	APEREC & Others	
14	APTEL	DFR No.2364 (APL 371) of 2019 on 31.10.2019	M/s Ayana Kadapa Renewable Power Private Limited	APEREC & Others	
15	APTEL	DFR No.2368 (APL 373) of 2019 on 31.10.2019	M/s Spring Soura Kiran Vidyut Private Limited	APEREC & Others	
16	APTEL	DFR No.2361 (APL 368) of 2019 on 31.10.2019	M/s Ayana Anantapuramu Solar Private Limited	APEREC & Others	
17	High Court	WP 17020 of 2019	M/s Greenko Energy Private Limited	GoAP, APEPDCL, APSPDCL, UOI, IDFC Bank.	To issue writ order or direction to set aside the letter bearing Lr No CGM/EC/APEPDCL/VSP/GM/Solar/EE/E215780 D No 1/239159/19 dated 27 08 2019 issued by the Respondent No 2 including all proceedings initiated there under to restrain the Respondent No 2 from taking any steps in furtherance of the letter bearing Lr No CGM/EC/APEPDCL/VSP/GM/Solar/EE/E215780D No 1/239159/19 dated 27 08 2019
18	High Court	W.A.383 of 2019 against W.P of 2019	M/s. Walwhan Renewable Energy LtdVs	GoAP, APSPDCL, CGM/SPDCL, CE/IPC, GM/IPC, N REDCAP	To set aside the Impugned Order to the limited extent of the 2 two aspects stated in the aforesaid grounds iiquash all action undertaken by the Respondents and/or restrain the Respondents from taking any action regarding reduction of tariff and/or termination of the concluded PPA dated 05 12 2014 pursuant to the aforesaid directions in the Impugned Judgment including quashing the proceedings in O P No 67 of 2019 filed by the Respondent No 4 as being without jurisdiction and violative of the Electricity Act as well as the rights of the Appellants under the Constitution of India iirect the Respondent No 4 to make the payments regularly in future in terms of the provisions of the PPA dated 05 12 2014
19	High Court	W.A.433 of 2019 against W.P.9869 of 2019	M/s Waneep Solar Pvt Limited	GoAP, APSPDCL, CGM/SPDCL, CE/IPC, GM/IPC, N REDCAP	
20	High Court	W.A.435 of 2019 against W.P. of 2019	M/ s ACME Solar Holdings Ltd	GoAP, APSPDCL, CGM/SPDCL, CE/IPC, GM/IPC, N REDCAP	
21	High Court	W.A.436 of 2019 against W.P.11872 of 2019	M/s Hindupur Solar Park Private Limited	GoAP, APSPDCL, CGM/SPDCL, CE/IPC, GM/IPC, N REDCAP	
22	High Court	W.A.440 of 2019 against W.P.9875 of 2019	M/s Azure Power India Pvt. Ltd	GoAP, APSPDCL, CGM/SPDCL, CE/IPC, GM/IPC, N REDCAP	
23	High Court	WA 463/2019 against W P NO 11175/2019	M/s GRT JEWELLERS INDIA PVT LTD	GoAP, APSPDCL, CGM/SPDCL, CE/IPC, GM/IPC, N REDCAP	

Sl No	NAME OF THE COURT	Petition No.	Name of the Petitioner	RESPONDENTS	Subject
24	CERC	Petition No.293/MP/2019	M/s Azure power India Pvt Ltd Vs NTPC		Petition under Section 79 of the Electricity Act, 2003 and Article 12 read with Article 16.3.1 of the Power Purchase Agreements executed by the Petitioner and NTPC Limited dated 19.4.2016 seeking relief on account of a 'Change in Law' viz. the introduction of Goods and Services Tax laws at the Central level and
25	CERC	Petition No.294/MP/2019	M/s Azure power India Pvt Ltd Vs SECI NTPC		
26	APERC	O.P. No.33 of 2019 & OP 35 of 2018	APDISCOMS & APGENCO	APGENCO & APDISCOMS	Petition filed by APDISCOMS on 15.03.2019 requesting to grant consent to the Amended and Restated PPA dated 28-01-2019 entered between APDISCOMS & APGENCO in respect of 600 MW Rayalaseema Thermal Power Project (RTPP) - Stage IV at Muddanur, Cuddapah District. & Public hearing in the matter of determination of tariff of APGENCO stations (RTPP STgae-IV) for the 4th control period (FY 2019-20 to FY 2023-24)
27	APERC	R.P No.2/2019	APPDCL	APDISCOMS	Review of the Order dated 02/03/2019 passed in O.P. No. 47 of 2017 for determination of tariff from 05/02/2015 to 31/03/2019 for the electricity supplied by APPDCL from SDSTPS to the Distribution Licensees in Andhra Pradesh.
28	APERC	O.P. No.52/ 2019	APDISCOMS	APPDCL	Petition u/s 86 (1) (f) of EA 2003 in resolving the PPA related issues as specified in para 12 of APERC order dated 13.07.2018 in OP NO. 21 of 2016 for approval of Amended and Restated SDSTPS PPA dated 24.08.2016.
29	APERC	O.P. No.53/ 2019	APPDCL	APDISCOMS	Determination of Tariff for the control period FY 2019-2024 under Section 62 of the Electricity Act 2003 for the electricity supplied by APPDCL from SDSTPS to the distribution licensees in AP
30	High Court of Delhi	WP(C) No. 9062 of 2019 filed on 13.08.2019	M/s Reliance Power Limited & M/s Coastal Andhra Power Limited Vs Union of India, MoP, GoAP	APDISCOMS	Prayed for buyback of the shares by PFC/procurers as per Share Purchase Agreement or to allow RPL to sell or utilize the land acquired for UMPP Krishnapatnam project .
31	CERC	18/MP of 2019 filed on 21.01.2019	M/s Reliance Power Limited & M/s Coastal Andhra Power Limited	APDISCOMS	Prayed to refer the disputes between the parties in UMPP Krishnapatnam matter to arbitration under the ICA Rules;
32	CERC	209/MP/2019	M/s SEIL (M/S TPCIL)	AP Discoms & TS Discoms	Compensation under Change in Law in view of Environmental norms.
33	APTEL	Appeal No. 96 of 2019 17.02.2020	M/s. . Hinduja National Power Corporation	APDISCOMS	Seeking directions to set aside the Retail supply tariff order for FY2020-21, Dt.10.02.2020 to the extent of HNPCL dispatch
34	APERC	OP No.51 of 2019	M/s.SNJ Sugars Limited	APSPDCL and others	Petition filed by M/s. SNJ Sugars and Products Limited (Formerly Known as Sagar Sugars & Allied Products ltd) under Section 86 (1) (f) challenging the unilateral re-categorization of the Petitioner's category from HT (I) to HT (II) (F) contrary to Clause 2.5 of PPA dt 10.07.2002 even after availing their option not to change the category, adjustment to the charges computed as per HT (II) (F) tariff without any intimation of the same
35	APERC	OP No.45 of 2019	M/s.SISMA and others	APSPDCL and others	Petition filed by Bagasse developers for revising and clarifying clause 17 of the APERC Regulation on Power Evacuation from Captive Generation, Cogeneration and Renewable Energy Source Power Plants (Regulation No. 3 of 2017) to the extent of applying the same to the existing Bagasse based co-generation plants having long term Power Purchase Agreements with DISCOMS.
36	APERC	O.P.No.17 of 2019	APDISCOMS	M/s. Karamchand & 81 Others	1) To amend Regulation 1 of 2015 by specifying the norms and Parameters. 2) To pass the orders amending the wind power tariff considering the amended norms and parameters in the Regulation 01 of 2015. 3) To pass orders effecting the reduced/amended tariff in the PPAs post issuance of regulation 1 of 2015.
37	APERC	O.P No.66 of 2019	APDISCOMS	M/s. KPR Infra Projects & 23 Others	Amendment of tariff for wind power developer who have entered PPAs pursuant to APERC tariff order dated 15.11.2012 in O.P.No.13 of 2012 and to restrict the PPA period to 5 to 10 years from the date of COD.
38	APERC	O.P.No.01 of 2019	M/s Axis Wind Farms (Uravakonda) Pvt. Ltd	APSPDCL	The petition is filed u/s 61 (h), 62 (1) (a), 64 (1), 86 (1) (a), 86 (1) (b) and 86 (1) (e) of the Electricity Act, 2003 r/w CERC (Terms and Conditions for tariff determination from Renewable Energy Sources) Regulations, 2017 and Section 21 of the A.P. Electricity Reform Act, 1998. Prayer: a) Regulate the PPA (including any amendment thereof) by granting its consent and taking and the same on record in accordance with section 86 (1)(b) of the Electricity Act 2003 read with Section 21 of the A.P. Electricity Reform Act, 1998. b) Fix Project specific levelized tariff for the project at Rs.4.28 per unit; c) allow the levelized tariff for the project at Rs.4.28 to be applicable for PLF upto and including 33%. Any generation beyond 33% PLF, petitioner may consider the tariff applicable to be 75% of tariff determined for project. d) Approve amendment of the original PPA executed with the Respondent, to the extent of the tariff approved.e) Pass necessary orders allowing the petitioner to achieve COD of the project within 2 years from the date of the order passed by this Hon'ble Commission under these proceedings. f) Allow recovery of the project support cost through a suitable mechanism over and above the tariff determined under these proceedings.

Sl No	NAME OF THE COURT	Petition No.	Name of the Petitioner	RESPONDENTS	Subject
39	APERC	O.P.No.02 of 2019	M/s Axis Wind Farms (Ahobilam) Pvt. Ltd	APSPDCL	do Fix Project specific leveled tariff for the project at Rs.4.28 per unit;
40	APERC	O.P.No.03 of 2019	M/s Axis Wind Farms (Vajrakarur) Pvt. Ltd.	APSPDCL	do Fix Project specific leveled tariff for the project at Rs.4.28 per unit;
41	APERC	O.P.No.04 of 2019	M/s Axis Wind Farms (Pottipadu) Pvt. Ltd	APSPDCL	do Fix Project specific leveled tariff for the project at Rs.4.28 per unit;
42	APERC	O.P.No.05 of 2019	M/s Axis Wind Farms (Beluguppa) Pvt. Ltd.	APSPDCL	do Fix Project specific leveled tariff for the project at Rs.4.27 per unit;
43	APERC	O.P.No.06 of 2019	M/s Axis Wind Farms (Penna) Pvt. Ltd.	APSPDCL	do Fix Project specific leveled tariff for the project at Rs.4.30 per unit;
44	APERC	O.P.No.07 of 2019	M/s Axis Wind Farms (Manirevu) Pvt. Ltd.	APSPDCL	do Fix Project specific leveled tariff for the project at Rs.4.30 per unit;
45	APERC	O.P.No.08 of 2019	M/s Axis Wind Farms (AP) Pvt. Ltd.	APSPDCL	do Fix Project specific leveled tariff for the project at Rs.4.30 per unit;
46	APERC	O.P.No.09 of 2019	M/s Axis Wind Farms (Amidyala) Pvt. Ltd.	APSPDCL	do Fix Project specific leveled tariff for the project at Rs.4.29 per unit;
47	APERC	O.P.No.10 of 2019	M/s Axis Wind Farms (Godavari) Pvt. Ltd.	APSPDCL	do Fix Project specific leveled tariff for the project at Rs.4.27 per unit;
48	APERC	O.P.No.11 of 2019	M/s Axis Wind Farms (Kalyandurg) Pvt. Ltd.	APSPDCL	do Fix Project specific leveled tariff for the project at Rs.4.26 per unit;
49	APERC	O.P.No.12 of 2019	M/s Axis Wind Farms (Reketla) Pvt. Ltd.	APSPDCL	do Fix Project specific leveled tariff for the project at Rs.4.29 per unit;
50	APERC	O.P.No.13 of 2019	M/s Axis Wind Farms (Borampally) Pvt. Ltd.	APSPDCL	do Fix Project specific leveled tariff for the project at Rs.4.29 per unit;
51	APERC	O.P.No.14 of 2019	M/s Axis Wind Farms (Seerpi) Pvt. Ltd.	APSPDCL	do Fix Project specific leveled tariff for the project at Rs.4.27 per unit;
52	APERC	O.P.No.15 of 2019	M/s Axis Wind Farms (Golla) Pvt. Ltd.	APSPDCL	do Fix Project specific leveled tariff for the project at Rs.4.27 per unit;
53	APERC	O.P.No.16 of 2019	M/s Axis Wind Farms (Chapri) Pvt. Ltd	APSPDCL	do Fix Project specific leveled tariff for the project at Rs.4.29 per unit;
54	APERC	O.P.No.22 of 2019	M/s S V Renewable Energy	APSPDCL	do Fix Project specific leveled tariff for the project at Rs.4.25 per unit;
55	APERC	O.P.No.23 of 2019	M/s Axis Wind Farms (Krishna) Pvt. Ltd	APSPDCL	do Fix Project specific leveled tariff for the project at Rs.4.25 per unit;
56	APERC	O.P.No.24 of 2019	M/s Axis Wind Farms (Tungabhadra) Pvt. Ltd	APSPDCL	do Fix Project specific leveled tariff for the project at Rs.4.23 per unit;
57	APERC	O.P.No.25 of 2019	M/s Pujaa Shree Renewable Ene	APSPDCL	do Fix Project specific leveled tariff for the project at Rs.4.23 per unit;
58	APERC	O.P.No.26 of 2019	M/s G T Renewable Energy	APSPDCL	do Fix Project specific leveled tariff for the project at Rs.4.25 per unit;
59	APERC	O.P.No.21 of 2019	M/s. RCI Power Limited	APSPDCL	Petition filed u/s 86 (1) (f) of the Electricity Act, 2003 for directions to the respondent in seeking declaration of applicable tariff and payment thereof for the supply of electricity by the petitioner to the respondent. Prayer: a) Hold and direct that the respondent is liable to pay to the petitioner the tariff as determined in the order dated:06.09.2014 passed by the Honble Commission at Rs.3.37 per unit for the electricity supplied upon completion of 10 years of the power plant for which the interim tariff was paid and charges that were wrongfully deducted, as per Annexure L to the instant petition. b) Direct that the respondent is liable to pay the arrears between the interim tariff paid and the final tariff of Rs.3.37 per unit payable along with charges that were wrongfully deducted, with interest at the rate of 15% per annum, applicable from the date when the interim tariff was paid till the date of payment of final tariff.

Sl No	NAME OF THE COURT	Petition No.	Name of the Petitioner	RESPONDENTS	Subject
60	APERC	O.P. No.28 of 2019	M/s. Bharath Wind Farm Ltd	APSPDCL	Petition filed u/s 86 (1) (f) of the Electricity Act, 2003 for directions to the respondent in seeking declaration of applicable tariff and payment thereof for the supply of electricity by the petitioner to the respondent. Prayer: a) Hold and direct that the respondent is liable to pay to the petitioner the tariff as determined in the order dated:06.09.2014 passed by the Hon'ble Commission at Rs.3.37 per unit for the electricity supplied upon completion of 10 years of the power plant for which the interim tariff was paid and charges that were wrongfully deducted, as per Annexure L to the instant petition. b) Direct that the respondent is liable to pay the arrears between the interim tariff paid and the final tariff of Rs.3.37 per unit payable along with charges that were wrongfully deducted, with interest at the rate of 15% per annum, applicable from the date when the interim tariff was paid till the date of payment of final tariff.
61	APTEL	OP No.7 of 2019	M/s.Axis Wind Farms & Others	APERC & APSPDCL	To issue directions of APERC for disposal of O.P.No.1 to 16, 22 to 26 of 2019 and determine the project specific tariff, not to take coercive actions including cancellation of PPAs pending disposal of O.P.No.1 to 16, 22 to 26 of 2019.
62	APTEL	OP NO:8 of 2019	M/s.Rayala Wind Farms	APSPDCL	To invoke the original jurisdiction of the APTEL seeking quashing of the order dated 07.11.2019 passed by APERC calling for public hearing in the matter. To grant stay on O.P.No.66 of 2019.
63	APTEL	DFR No:148 of 2019	APSPDCL	Bharath Wind Farms	The APERC issued its final orders dt:11.9.2019 deciding that APSPDCL has to pay the developer at the APERC determined tariff of 3.37 /unit vide its order dt:6.9.14 for the petitioner's project from its 11 th year of operation onwards giving credit to the Interim tariff already paid
64	APTEL	DFR No:149 of 2019	APSPDCL	RCI Power Pvt.Ltd	The APERC issued its final orders dt:11.9.2019 deciding that APSPDCL has to pay the developer at the APERC determined tariff of 3.37 /unit vide its order dt:6.9.14 for the petitioner's project from its 11 th year of operation onwards giving credit to the Interim tariff already paid
65	High Court	WA 384,388,447,393,424,441 of 2019, WA 6 of 2020	Tata Power Renewable, Vena Energy Power, Mytrah Vayu Pennar, Green Infra Wind, Chanda Investment Respectively	APSPDCL	To Set Aside the Order dated:24.9.2019 in WP's 9844 & batch, to make all the future payments in terms of provisions of PPA, TO make the outstanding payments till sept/2019, to abide by the directions regarding curtailment
66	High Court	WA 392,394,396,401,423,443, 444,445,446,452 of 2019, WA 6 of 2020	IWPA,Vayu Urja Bharat,Chanda Investment, Renew Power, GreenWind Infra, Axis Energy (MPR Dam), Orange Anantpura, Orange Uravakonda, JED Solar, Jindal All., Renew Power respectively.	APSPDCL	To stay all the further proceedings on O.P NO:17 of 2019, and to declare all the proceedings on OP No:17 of 2019 as without jurisdiction, illegal.
67	APERC	O.P. NO: 42 of 2019	M/s. Srivathsa Power projects private Ltd.		To reconsider the fixation of variable cost on pass through basis instead of variable rate of Rs.2.91/- per unit fixed by APERC
68	APERC	O.P.No.27 of 2019	M/s.SPGL Vs APDISCOMs		Procurement of Power from M/s. Spectrum Power Generation Limited- Revision of tariff.
69	APERC	I.A.No.16 of 2019 in O.P.No.8 of 2018	APDISCOMs		Seeking withdrawal of draft renewal PPA as per the decision of GoAP
70	APERC	I.A.No.3 of 2019	M/s.LANCO		Seeking pass through of gas price as variable cost
71	APERC	I.A.No.6 & 7 of 2019	GVPGI		Petitioner objects to purchase of power by APDISCOMs from LANCO on Long-term and short-term basis
72	APTEL	E.P. No.01 of 2019 in Apeal. No.154 of 2013	LANCO		Liquidated Damages, COD of the project was not commenced as per PPA
73	CERC	O.P.No.455/ MP/2019.	M/S.Reliance Infrastructure Limited	APDISCOMs	Petition filed by Reliance against deduction of discount on deemed generation for the Tariff Years 2008-09, 2010-11, 2011-12 (upto 10.07.2012), from the monthly bills pertaining to April-2012 & May-2012. The petitioner sought refund of above amounts totalling Rs.12.45 Cr. along with interest.

Court cases and petitions filed before APERC / CERC / Appellate Tribunal / High Court / Supreme Court for the FY 2020-21

Sl No	NAME OF THE COURT	Petition No.	Name of the Petitioner	RESPONDENTS	Subject
1	APTEL	DFR 49 of 2020 & I.A.No.179	M/s Solairepro Urja Private Limited	APERC & Others	Requested to expunge certain directions of Ld.APERC vide order dt.05.10.2019 i.e., "...subject to the amendments to the Power Sale Agreements (PSAs)/Power Purchase Agreements (PPAs) respectively suggested by Sri M. Venugopala Rao and Sri A. Punna Rao, learned objectors being considered by the Distribution Companies of Andhra Pradesh, M/s. NTPC, M/s. SECI and the Solar Power Developers and their reporting back to the Commission within two (2) months from now their respective views on the proposed amendments." and to pass any other orders.
2	APTEL	DFR 4 of 2020 & I.A.No.179	NTPC	APERC & Others	Requested to expunge certain directions of Ld.APERC vide order dt.05.10.2019 i.e., "...subject to the amendments to the Power Sale Agreements (PSAs)/Power Purchase Agreements (PPAs) respectively suggested by Sri M. Venugopala Rao and Sri A. Punna Rao, learned objectors being considered by the Distribution Companies of Andhra Pradesh, M/s. NTPC, M/s. SECI and the Solar Power Developers and their reporting back to the Commission within two (2) months from now their respective views on the proposed amendments." and to pass any other orders.
3	High Court	WP 5212 of 2020	APSPDCL & APEPDCL	CERC	To issue a writ order or direction more particularly one in the nature of Writ of certiorari by calling for records leading to pass the orders in Petition No 176/M13/2019 dated 05.02.2020 wherein it was observed by the 1st Respondent that the Power Purchase agreement and Power Sale agreement being back to back in nature are interconnected implying there by all the said 2nd Respondent NTPC has to pay Safe Guard Duty and GST to the 3rd Respondent and further observed that respondent is eligible to claim the same from the Petitioner DISCOMs on back to back basis and quash the same as illegal arbitrary and discriminative and without jurisdiction and
4	Supreme Court	C.A. No. 001844/2020	APDISCOMs	M/s. Hinduja National Power Corporation	Challenging the APTEL order dated 07.01.2020 passed by APTEL in Appeal No 41 of 2018
5	APTEL	Appeal No. 96 of 2019 17.02.2020	M/s. .Hinduja National Power Corporation	APDISCOMs	Seeking directions to set aside the Retail supply tariff order for FY2020-21, Dt.10.02.2020 to the extent of HNPCL dispatch
6	APERC	OP No.18 of 2020	M/s Khandaleru Power Company Limited	APSPDCL and others	Petition filed under Section 63 & 86 (1) (e) of EA Act 2003 for adoption of tariff discovered under bidding process as per the PPA dated:16.02.2019, to direct the respondents for payments as per their invoices and to commission balnce 3MW unit. The Petition also filed IA for restoration of service connection NLR-842 enabling it to generate and supply power, and to further record the monthly meter readings of the project
7	APERC	O.P. No.09 of 2020	M/s.Vibrant Greentech India Pvt Ltd	APSPDCL & 2 Others	Petition under section 86(i)(b) read with 86(i)(f) of Electricity Act, 2003 r/w APERC conduct of business regulation 1999 to direct the APSPDCL licensee to act upon the PPA dated 30.03.2017 entered into with the petitioner for purchase of power from its 4.25 MW wind power project and to direct to pay for the power generated and supplied from the petitioners project for the period from date of COD i.e 30.03.2017 onwards along with interest and to direct APSPDCL to open irrevocable letter of revolving credit as per Article 5.4 of PPA dated 30.03.2017.
8	APERC	O.P. No.20 of 2020	M/s. .Chaitanya Projects	APSPDCL	Petition filed under section 86(1)(b) R/W.86(1)(f) of the electricity Act 2003 R/W APERC conduct of business regulation 1999 to direct the APSPDCL licensee to act upon the PPA dated 30.03.2017 entered into with the petitioner for purchase of power from its 0.8 MW wind power project and to direct to pay for the power generated and supplied from the petitioners project, for the period from the date of commissioning i.e. 29.03.2017 onwards along with interest and to direct the APSPDCL to open irrevocable revolving letter of credit as per Article 5.4 of PPA dated 30.03.2017.
9	High Court	WA 384,388,447,39 3,424,441 of 2019, WA 6 of 2020	Tata Power Renewable, Vena Energy Power, Mytrah Vayu Pennar, Green Infra Wind, Chanda Investment Respectively	APSPDCL	To Set Aside the Order dated:24.9.2019 in WP's 9844 & batch, to make all the future payments in terms of provisions of PPA, TO make the outstanding payments till sept/2019, to abide by the directions regarding curtailment
10	High Court	WA 392,394,396,40 1,423,443,444, 445,446,452 of 2019 , WA 6 of 2020	IWPA,Vayu Urja Bharat,Chanda Investment, Renew Power, GreenWind Infra, Axis Energy (MPR Dam), Orange Anantpura, Orange Uravakonda, JED Solar, Jindal All, Renew Power respectively.	APSPDCL	To stay all the further proceedings on O.P NO:17 of 2019 ,and to declare all the proceedings on OP No:17 of 2019 as without jurisdiction,illegal.
11	APERC	O.P.No.06 of 2020	SPGL		Refund of rebate 2.5 % which was deducted on monthly energy bills as per PPA
12	APTEL	DFR No.100 of 2020 & IA No.342 of 2020	M/s.Lanco		Lanco filed before APTEL on 26.02.2020 with a request to direct APERC to include in ARR FY 2020-2021 for procurement of power by APDISCOMs at an interm Tariff of Rs.3.29 per unit (as was procuring in FY 2019-2020, FC - Rs.0.96 per unit, VC - Rs.2.33 per unit)

SI No	NAME OF THE COURT	Petition No.	Name of the Petitioner	RESPONDENTS	Subject
13	High Court	WP.No. 104/2020	APGPCL	APDISCOMs	WP filed agaisnst CA NO.4569 of 2003 on wheeling charges matters
14	APERC	R.P No.2/2019	APPDCL	APDISCOMs	Review of the Order dated 02/03/2019 passed in O.P.No.47 of 2017 for determination of tariff from 05/02/2015 to 31/03/2019 for the electricity supplied by APPDCL from SDSTPS to the Distribution Licensees in Andhra Pradesh.
15	APERC	R.P No.1/2020	APDISCOMs	APPDCL	Review Petition under section 94(1)(f) of Electricity Act, 2003 This Review petition is preferred to be filed with regard to the order dated 02/03/2019, passed by this Hon'ble commission in O.P. 47 of 2017 in the matter of determination of tariff of Sri Damodaram Sanjeevaiah Thermal Power Station (SDSTPS) Stage-I, (2x800MW) from 02/05/2015 to 31/03/2019.
16	APERC	O.P. No.52/ 2019	APDISCOMs	APPDCL	Petition u/s 86 (1) (f) of EA 2003 in resolving the PPA related issues as specified in para 12 of APERC order dated 13.07.2018 in OP NO. 21 of 2016 for approval of Amended and Restated SDSTPS PPA dated 24.08.2016.
17	APERC	O.P. No.31/ 2020	APPDCL	APDISCOMs	Petition U/S 86(1)(f) R/W Section 62 resolving the issue in the matter of operational parameters and variable cost for sub-critical and super-critical operation for procuremnt of power from 2x800 MW Sri Damodaram Sanjeevaiah Thermal Power Station (SDSTPS)
18	Supreme Court	I.A.No.67061 of 2020	APDISCOMs	M/s. Hinduja National Power Corporation	Clarification on Supreme Court order dated 14.07.2020 in C.A.No.1844 of 2020 filed by HNPCL
19	Supreme Court	CA.No.2827-2828 of 2020	APDISCOMs	Nsl Sugars	Compensation deducted under the restriction imposed by the Karnataka Government under section 11 of Electricity Act 2003
20	APERC	O.P. No.29 of 2020	M/s. Vaayu (India) Power Corporation Limited	APERC & Others	Petition under section 86(i)(b) read with 86(i)(f) of Electricity Act, 2003, for approval of the generic tariff @ Rs.3.43 per unit for sale of wind power by the petitioner to DISCOM for all the 7 PPAs, after expiry of the 10 year period in terms of the order dated 01.05.2009 passed by the Hon'ble Commission in O.P.No.6 & 7 of 2009.
21	APTEL	DFR No:148 of 2019	APSPDCL	Bharath Wind Farms	Appeal filed under Section 111 of the Electricity Act, 2003 against the Impugned Judgment and Final order dated 12.09.2019 passed by the Andhra Pradesh State Electricity Regulatory Commission in the O.P. No. 28 of 2019.
22	APTEL	DFR No:149 of 2019	APSPDCL	RCI Power Pvt.Ltd	Appeal filed under Section 111 of the Electricity Act, 2003 against the Impugned Judgment and Final order dated 12.09.2019 passed by the Andhra Pradesh State Electricity Regulatory Commission in the O.P. No. 21 of 2019.
23	High Court	WP.No.13111/ 2020	M/s.LANCO	APDISCOMs	To return the undertakings submitted by M/S Lanco stating that they will not claim any excess amount over and above the approved tariff by APERC
24	NCLT	I.A. No.215 of 2020	M/s.LANCO	APDISCOMs	To release outstanding dues at the earliest. Directions for urgent listing, hearing and disposal of the Application.
25	APERC	O.P.No. 40 of 2020	Victory Power Systems Pvt Ltd	APSPDCL	Petition u/s 86 (1) (f) r/w Sections 86 (1) (b) and 86 (1) (e) of the Electricity Act, 2003 for adjudication of the dispute relating to the purchase of mini hydel power by APSPDCL from Victory Power Systems Pvt Ltd in terms of the PPA dt.16-02-2019 and for approval thereof

SI No	NAME OF THE COURT	Petition No.	Name of the Petitioner	RESPONDENTS	Subject
1	APTEL	Appeal No.199 of 2017 & I.A.No.503 of 2017	M/s A.P.Spining Mills Association, Guntur	APERC APSPDCL APEPDCL	Challenging the orders issued by Hon'ble APERC on Tariffs for FY 2017-18 vide OP.No.28 of 2016
2	APTEL	I.A.No.702, 703 and 701 of 2047 in DFR No.1483 of 2017	M/s Sudha Agro Oils and Chemicals Industries Ltd., & Others	APERC APSPDCL APEPDCL	Challenging the orders issued by Hon'ble APERC in OP.No.15 & 16 of 2016, dt.19-11-2016
3	APTEL	Appeal in I.A.No.246 of 2017 in Appeal DFR No.619 of 2017	M/s Espar Pak Ltd., & 8 others	APERC APSPDCL APEPDCL	Challenging the orders issued by Hon'ble APERC on Cross Subsidy Surcharge for FY 2016-17
4	APTEL	Appeal in I.A.No.247 of 2017 in Appeal DFR No.618 of 2017	M/s Espar Pak Ltd., & 3 others	APERC APSPDCL APEPDCL	Challenging the orders issued by Hon'ble APERC on Cross Subsidy Surcharge for FY 2005-06 to FY 2012-13 & FY 2015-16
5	APTEL	Appeal No.141 of 2017 & I.A.Nos.359 & 360 of 2017	M/s Sree Rayalaseema Alkalies and Allied Chemicals Ltd.,	APERC APSPDCL	Not considering their request for inclusion in Energy Intensive industries sub-category in the Tariff Order for FY 2017-18
6	APTEL	I.A.No.423 of 2017 in DFR No.1694 of 2017	M/s Teamic Chlorates Ltd.,	APERC APSPDCL	On Non inclusion of industry in the category of Energy Intensive Industries Industries
7	APTEL	I.A.No.1047 of 2020 in DPR No. 284 of 2020 & I.A.No.1044 of 2020	M/s Srialahasti Pipes Ltd.,	APERC APSPDCL	Change the category of the petitioner from HT Cat-I(A) to HT Cat-I (B) Energy Intensive Industries w.e.f 01-04-2018 onwards
8	High Court of A.P	W.P.No.1799 of 2020	M/s TGV SRAAC	APSPDCL & 7 others	On Non inclusion of industry in the category of Energy Intensive Industries Industries

8.1.11 Number of cases filed in respect of pilferage of power in various categories giving comparative picture with respect to FY 2019-20 & 2020-21 (upto Sep'20)

PARTICULARS OF CASES REPORTED AND COMPOUNDED FROM APR-2019 TO MAR-2020

Sl. No.	Circle	No. of Cases Reported			Cases registered category wise									Compounded Amount	No. of cases compounded									U.I to UN/AD/MF/NC	Grand Total	Compounding amount collected	Persons arrested		
		Ope	DPE	Total	HT	Cat-I	Cat-II	Cat-III	Cat-IV	Cat-V	Cat-VC	Others	M.T.C		Total	HT	Cat-I	Cat-II	Cat-III	Cat-IV	Cat-V	Cat-VC	Others					Total	U.I to P.T
1	Vijayawada	574	906	1480	0	1280	121	14	18	16	31	0	0	1480	2100500	0	1244	109	14	17	12	26	0	1422	2	0	1424	2036500	0
2	Guntur	1774	2466	4240	0	3849	269	8	4	84	26	0	0	4240	4496000	0	3876	241	10	3	100	22	0	4252	0	0	4252	4434000	0
3	Ongole	2778	1482	4260	0	3444	451	16	13	335	1	0	0	4260	5555000	0	3522	458	15	13	349	1	0	4358	0	0	4358	5639000	0
4	Nellore	2519	1547	4066	0	3254	219	3	3	181	406	0	0	4066	4821000	0	3144	204	4	3	164	387	0	3906	0	0	3906	4659000	0
5	Tirupati	903	1449	2352	0	2289	54	3	1	5	0	0	0	2352	1831000	0	3793	84	5	1	6	0	0	3889	0	0	3889	2785500	0
6	Kadapa	4874	3286	8160	0	8050	102	2	4	2	0	0	0	8160	7633000	0	8184	121	3	4	4	0	0	8316	0	0	8316	7809000	0
7	Ananthapur	3354	2039	5393	0	5038	273	6	54	22	0	0	0	5393	5192500	0	5049	270	6	47	18	0	0	5390	1	0	5391	5145500	0
8	Kurnool	4182	4072	8254	0	8118	125	4	1	6	0	0	0	8254	5377500	0	8937	131	6	5	1	0	0	9080	0	0	9080	5976000	0
	Total	20958	17247	38205	0	35322	1614	56	98	651	464	0	0	38205	37006500	0	37749	1618	63	93	654	436	0	40613	3	0	40616	38484500	0

PARTICULARS OF CASES REPORTED AND COMPOUNDED FROM APRIL-2020 TO SEPTEMBER-2020

Sl. No.	Circle	No. of Cases Reported			Cases registered category wise									Compounded Amount	No. of cases compounded									U.I to UN/AD/MF/NC	Grand Total	Compounding amount collected	Persons arrested		
		Ope	DPE	Total	HT	Cat-I	Cat-II	Cat-III	Cat-IV	Cat-V	Cat-VC	Others	M.T.C		Total	HT	Cat-I	Cat-II	Cat-III	Cat-IV	Cat-V	Cat-VC	Others					Total	U.I to P.T
1	Nellore	97	367	464	0	172	29	0	1	58	204	0	0	464	835500	0	268	40	0	0	94	219	0	621	0	0	621	972500	0
2	Tirupati	21	90	111	0	96	15	0	0	0	0	0	0	111	178500	0	132	15	0	0	1	0	0	148	0	0	148	208000	0
3	Kadapa	307	198	505	0	480	21	3	0	1	0	0	0	505	622000	0	835	22	1	0	0	0	0	858	0	0	858	891000	0
4	Ananthapur	43	234	277	0	245	25	0	7	0	0	0	0	277	445000	0	323	19	0	7	0	0	0	349	0	0	349	358500	0
5	Kurnool	282	433	715	0	676	35	0	2	2	0	0	0	715	524500	0	685	25	1	0	1	0	0	712	0	0	712	524000	0
	Total	750	1322	2072	0	1669	125	3	10	61	204	0	0	2072	2605500	0	2243	121	2	7	96	219	0	2688	0	0	2688	2954000	0

9 APERC Directives

The Directives issued by Honourable APERC in Tariff Order for FY 2020-21 and the replies are as follows:

Directive No.1 : Agricultural Sales volume : To be vigilant on sales volume to this consumer category (covering only genuine consumers and preventing any unauthorized and unaccounted pilferage or theft of energy in any manner) and invoke appropriate remedial measures, under intimation to the Commission, to meet the excess cost in case the actual sales are likely to exceed the approved sales volume during the year with authenticated data in line with Commission's directives. (Chapter-III, Para 82, Page No.33)

Reply :

- 1) APSPDCL is continuously monitoring 3 phase agricultural supply hours through online portal (i.e, Outage Management System (OMS)). If any deviations are noticed the same are immediately informed to the concerned Assistant Executive Engineer and necessary instructions are being issued not to repeat the same. If any deviations are noticed 2nd time then the explanations were called from the concerned field officers. For monitoring 3 phase agricultural supply hours, exclusively one team is working from energy audit wing of APSPDCL.
- 2) Instructions are being issued to field officers during Monthly Online Energy Audit review meetings regarding strict implementation of 9 Hours 3 phase supply to agriculture.
- 3) Continuous raids and inspections are conducted by DPE & Operation wing to prevent theft of energy or unaccounted pilferage.

Directive No.2 : Transfer of ownership of CGPP to APGenco : The Commission takes notice of the fact that the process of ownership transfer of GGPP from APDISCOMs to APGENCO is hanging fire for a substantially long time, and feels that any further delay in this regard is not desirable. The APDISCOMs are therefore directed to complete the transfer process as expeditiously as possible and not later than six (6) months. (Chapter-IV, Para 101(s), Page No.73)

Reply: APDISCOMs have purchased power plant from M/s.GVK on 22.04.2016. Till now, M/s. GVK has not transferred the asset in the name of APDISCOMs/APGENCO. As per the approval of APPCC, APEPDCL was requested to file civil suit, besides criminal case against M/s.GVK, as M/s.GVK is not coming forward to execute sale deed and transfer the project assets in the name of APDISCOMs/APGENCO and APEPDCL is on that job.

Directive No.3 : Power from HNPCL and Simhapuri Plants: In case of shortage of power, the DISCOMs may consider procurement of power to the extent of their requirement from M/s HNPCL strictly based on merit order at the interim tariff @ Rs.3.82 per unit as directed by the Hon'ble APTEL. (Chapter-IV, Para 101(v), Page No.76)

Reply:

1. Hon'ble APTEL pronounced orders on 7.1.2020 in Appeal No.41 of 2018 indicating "We allow the appeal and direct the State regulatory commission to dispose of O.P. No. 21 of 2015 filed for determination of capital cost and O.P. No. 19 of 2016 for approval of amended and restated PPA (Continuation Agreement) on merits". The above exercise has to be complied with as expeditiously as possible as but not later than three months. Meanwhile, AP DISCOMS shall continue to pay Rs.3.82 per unit for the power supplied from the Appellant's plant."
2. Aggrieved by the said orders, APDISCOMs have filed an appeal numbered as C.A.No.1844 of 2020 before Hon'ble Supreme Court on 28.2.2020.
3. During the course of time, APERC vide its tariff order for FY 2020-21 dated 10.2.2020 expressed its views on HNPCL dispatch as follows:
"The Commission however does not find any direction in the final order of the Hon'ble APTEL to the DISCOMs to continue to procure power pending determination by this Commission. Therefore, DISCOMs are not under legal obligation to procure power from M/s HNPCL pending disposal O.P.No.21 of 2015 & O.P.No.19 of 2016. In the absence of an approved PPA and in the face of the fact that the DISCOMs have surplus power at their disposal, this Commission is of the earnest view that procurement of power in excess of the requirement of the DISCOMs from M/s HNPCL is against public interest. However, in case of shortage of power, the DISCOMs may consider procurement of power to the extent of their requirement from M/s HNPCL strictly based on merit order at the interim tariff @ 3.82 per unit as directed by the Hon'ble APTEL."
4. Aggrieved by the said APERC Tariff order, M/s. HNPCL has filed an Appeal No.96 of 2020 before APTEL on 17.02.2020. APTEL vide its record of proceedings dated 18.02.2020 directed Respondent -DISCOMs to schedule power from both the generating units on Appellant, which is being done, till further orders.
5. Hon'ble Supreme Court on 14.07.2020 in C.A.1844/2020, has passed the stay orders on APTEL orders in Appeal No. 41/2018. Subsequently the scheduling of M/s. HNPCL power is stopped from 18-07-2020 by the APDISCOMs.
6. Further it is to submit that M/s. HNPCL has filed a clarification petition (IA.No.67061 of 2020) in C.A.No.1844/2020 before Hon'ble Supreme Court with the following prayer
"Clarify the interim Order dated 14.7.2020 and direct the Appellants/ Non Applicants to continue to procure power from the Respondent No.1/Applicant's Project as before at the provisional tariff of Rs.3.82 per unit during the pendency of the Civil Appeal, subject to all equities being adjusted at the time of the decision in the Civil Appeal."
7. The Hon'ble Supreme Court heard the IA 67061 of 2020 in CA1844/2020 on 21.8.2020, and passed the following order:

“By order dated 14.7.2020, we directed the stay of impugned order passed by the Appellate Tribunal for Electricity, New Delhi, in Appeal No: 41/2019. We clarify that there shall be no stay of the order dated 16.3.2018 passed by the Appellate Tribunal for Electricity, New Delhi, providing for interim measure.”

8. As per the above directions, APDISCOMs are obligated to maintain status quo prior to 31.1.2018 and need to purchase 2822.55 MU in the financial Year 2020-21.
9. In view of the two different directions in the Hon’ble Supreme Court orders dt:14.07.2020 & 21.08.2020, As per the legal opinion from Senior Advocate Sri.P.S.Narasimha an application was filed in Hon’ble Court on30.09.2020 with following prayer:
 - a. Hear the present matter on an early date;
 - b. Pass such other further order or orders as this Hon’ble Court may deem fit and proper in the facts and circumstances of the case.

Based on the outcome in the above case, APDISCOMs will act on scheduling of the HNPCL power.

Directive No.4 : Power from Gas based IPPs (GVK extension, GMR Vemagiri, Gautami and Konaseema) : If Vemagiri, Konaseema, GVK extension and Gouthami gas based power projects can supply power of a quantity of 4835.52 MU with a PLF of 80% provided natural gas is available and if there is availability / augmentation of natural gas supplies to them during FY2020-21, the distribution licensees shall take appropriate permissible steps immediately for procuring cheaper power as per merit order despatch for the benefit of the consumers by reduction of power purchase cost. (Chapter-IV, Para 101(w), Page No.77)

Reply:

1. The 4 New IPPs viz; (220 MW GVK Extn, 464 MW Gautami, 370 MW Vemagiri& 444.08 MW Konaseema) have got Natural gas allocation from RIL KG D-6 fields.
2. The Natural gas supplies to these projects became Zero from 01.03.2013,as such at present there is no generation from the said 4 New IPPs and these projects are stranded for want of natural gas supplies. As on date Natural Gas is not available for these projects.
3. When Natural gas is made available, APDISCOMs will take all necessary steps to get cheaper power from the aforesaid IPPs.

Directive No.5 : Energy availability & Procurement from sources not approved : the licensees are directed to note that in respect of power from the Generating stations included in the sources of supply shown above which either have no Power Purchase Agreements or have no approval from the Commission for their Power Purchase Agreements and / or have to still have their tariff determined by the Commission, except in the cases where there is an adhoc tariff already being paid, if any, as

per the Orders of the Commission, the licensees shall not receive such supplies without prior intimation to and approval of the Commission. (Chapter-IV, Para 108, Page No.83)

Reply:

- The PPA's with Wind Power Developers viz. M/s. Vibrant Greentech India Private Limited (4.25 MW) & M/s. Chaitanya Projects (0.8 MW) have No APERC Consent for of the respective generators.
- The Respective generators have been disconnected from Grid on 23.3.2020.
- Energy is not being Procured from the above 2 generators.
- Also the PPA pertaining to M/s. Danu Wind Parks (2.3 MW) had been returned by Hon'ble APERC and hence the wind power project was disconnected from interconnecting point on 13.09.2020. Energy is not being procured from the above generator.
- Hence forth APDISCOM's will not procure Energy from the aforesaid Wind Power Developers.

It is to submit that the APDISCOMs are not procuring power from the sources other than those mentioned in the list given in the Retail Supply Tariff orders. In respect of M/s Lanco, M/s Spectrum even though they are not enlisted in the dispatch table, the power is being procured on Short-term basis in accordance with the orders issued by the commissions from time to time in the current financial year. In respect of M/s Hinduja power is being procured in accordance with the court orders

Directive No.6: Unexpected slippage in Generation: During some months, part or full availability of energy estimated from some of the generating stations/sources may not materialize due to factors like break-down of power plants, non-availability of fuel etc. leading to a gap between demand and supply. In that case, the licensees shall approach the Commission for remedial measures to meet the shortfall in energy from alternative sources. If any shortfall is observed in any time block for various reasons, in all such cases the licensees may procure the shortfall energy through Power Exchanges, Intra-day mechanisms but with a price not exceeding the average power purchase cost determined in this Order under simultaneous intimation to the Commission. All such details of purchases shall be furnished to the Commission fortnightly in the form of a statement for periodical ratification.

Further, the licensees shall not procure energy from Stations / Sources other than those approved in this order without the prior approval of the Commission. Further, the Licensees are also directed not to procure energy over and above the quantum indicated against each Station / Source unless and otherwise approved by the Commission or ratified by it in case of unavoidable emergencies (The licensees should be able to satisfy the Commission about the nature of the emergency). However, the licensees are at liberty to purchase energy from thermal stations listed in the merit order dispatch

which have least variable cost and are placed top in the merit order, over and above the approved quantities, which helps further reduction of the power purchase cost approved in this order. While operating intraday merit order dispatch, the least cost source shall be dispatched to the full extent in order to achieve lower power purchase cost at the end.

Violation of the above directions of the Commission will be viewed very seriously and appropriate action will be initiated against the officers/persons responsible for violation under the provisions of the Electricity Act, 2003, AP Electricity Reform Act, 1998, and Rules and Regulations made thereunder in accordance with the prescribed procedure. (Chapter-IV, Para 114, 115 & 116, Page Nos.85 & 86)

Reply: As per the direction of the Hon'ble APERC, the day wise particulars of energy bought/sold through Power exchanges and Intra-day mechanisms were submitted to the Hon'ble APERC daily through E-mail. The fortnightly and monthly statements of energy bought/sold through power exchanges were simultaneously intimated and furnished to the Hon'ble APERC in FY 2019-20 for periodical ratification.

Directive No.7: Sale of Surplus Energy : The Commission has determined the surplus energy at 9504.27 MU as against the deficit of 3955.83 MU assessed by the licensees. The Commission observes here that out of the surplus energy of 2739.98 MU determined by it for FY2019-20, the licensees have miserably failed to sell the surplus energy even though they were directed "to sell any surplus power that may be available with them upto the last unit at an economically beneficial price to the maximum extent possible by all possible means as described" at para no. 302 (pages 201 & 202) of the Retail Supply Tariff Order for FY2019-20.

Therefore, the Commission directs the Licensees to sell the surplus energy available with them up to the last unit at an economically beneficial price to the maximum extent possible. The details of efforts made by the licensees to sell the surplus energy in all possible ways and the details of sale of surplus energy in a month shall be intimated to the Commission by 15th of succeeding month during FY2020-21. (Chapter-IV, Para 117 & 118, Page No.86)

Reply: As per the Shortfall/surplus energy reports provided by SLDC for FY 2019-20, APDISCOMS bid surplus energy of 1192.06 MU through power exchanges, on that, 26.660 MU surplus energy was sold through power exchanges. The same was already intimated through monthly reports to the Hon'ble APERC for periodical ratification.

Directive No.8: Power Purchase cost from APGPCL needs to be scrutinised : The DISCOMs shall obtain the audited reports for FY2019-20 after completion of financial year for the expenditure claimed by M/s APGPCL and shall submit to the Commission with scrutiny and comments by the audit wing of DISCOMs. The fixed cost of APGPCL for FY2020-21 is restricted to the estimated cost for H2 of FY2019-20 proposed by the licensees. However, if and when a true-up application is filed, the Commission will determine the fixed cost based on the actual expenditure incurred by APGPCL. (Chapter-IV, Para 125 (kk), Page No.91)

Reply: With reference to the point no.7 of Directives of Hon'ble APERC in Tariff order for FY 2020-21 the following is submitted:

- I. It is pursued with APGPCL regarding audited reports for FY2019-20. In this regard APGPCL informed that the above reports are under preparation and they will be furnished after completion and these reports will be submitted after obtaining from the APGPCL to the Hon'ble Commission.
- II. It is further to submit that,
 - a. APGPCL stated that as per the clause no.11 of MoU," it is agreed that APGPCL, shall be free to formulate its tariff taking into account its financial commitments towards O&M expenses, fuel costs including minimum guarantees, if any, financing commitments and other items in accordance with various statutory provisions."
 - b. As per the above clause of MoU, APGPCL fixing the tariff every six months based on the APM Gas prices. From January'2020 onwards.
 - c. APGPCL was requested (19.03.2020) to attend the meeting on 27.03.2020 for sorting out and deciding the future course of action on all connected issues like Transmission/Wheeling charges case, gas allocation, power sharing case etc. But APGPCL in response to that stated "we do not see any purpose to have a meeting on 27.03.2020 with regard to the above issues as the same are borne by record". In spite of repeated requests, the APGPCL has not come forward for settlement of issues amicably. Instead of this, APGPCL went ahead to auction the APTRANSCO shares.
 - d. Further, APGPCL transferred Stage-II APTRANSCO shares of 42.80 MW (1,14,70,400 shares) to the participating Industries

Directive No.9: Fixed and Other Costs : In respect of Central Generating Stations (CGS) other than Nuclear Power Plants, the licensees stated that they have proposed the fixed costs based on relevant orders of CERC. But, as per the information obtained subsequently, it is observed that the relevant orders of CERC pertain to the period upto FY2018-19 and the orders for the tariffs for the subsequent years are yet to be issued by the CERC. Therefore, the fixed costs of CGS as proposed by the licensees are tentatively applied by the Commission subject however to the final determination of the tariffs by

the CERC. In respect of other IPPs, the Commission applies the fixed costs as proposed by the licensees as the same are stated to be as per the respective agreements, subject to final verification at the time of true-up. (Chapter-IV, Paras 130 & 131, Page No.95)

Reply: The current financial year 2020-21 falls in the Tariff block of 2019-24 as per the CERC Regulations in respect of CGS Stations. Generators usually file the Tariff petitions, once the regulations are noticed. It takes for a while during Tariff block period to determine the tariffs by the Hon'ble CERC. So far no tariff orders are issued by the Hon'ble CERC. If any orders are issued the same will be brought to the notice of the Hon'ble Commission.

Directive No.10: Variable Costs : In respect of Wind and Solar Plants, the tariffs as approved by the Commission in the Retail Supply Order for FY2019-20 are applied for estimation of Power Purchase Cost in this Order as the licensees have not proposed the cost of power from these sources. Application of these tariff rates cannot however be understood as a mandate to the licensees to pay the Wind and Solar developers at that rate as the payments for the present are governed by the judgement of the Hon'ble High Court of Andhra Pradesh. It is however made clear that the liability of the licensees in this regard shall be subject to the outcome of the pending litigation. (Chapter-IV, Para 134, Page No.96)

Reply: The high court order dated 24.09.2019 is being abided by in regards to the payment of Energy bills being raised by the wind generators. It is noted that the liability of the licensees shall be subject to the outcome of pending litigation.

Directive No.11: Renewable Energy Certificates: In view of G.O.No.116, dated 1.10.2019 excluding APEPDCL from the scheme of allocation of Wind and Solar energy generated in the State, APEPDCL will fall short of RPP Obligation. In this regard, it may be noted that the 2nd proviso to clause 3.1 of APERC Regulation No. 1 of 2017 envisages that the purchase of renewable power, by a distribution licensee from other distribution licensees in the State of Andhra Pradesh shall also be reckoned for computing the fulfilment of RPPO by such a licensee. Therefore, on mutual agreement with regard to price, the sale of energy from SPDCL to EPDCL may be considered as Renewable Energy for fulfilment of APEPDCL's RPPO for FY2020-21. (Chapter-IV, Para 140, Page No.99)

Reply: Will be complied

Directive No.12: Variable Renewable Energy (VRE) subsidy / Must Run Incentive (MRI) : From the statement of the licensees in their filings as extracted supra, it is evident that the sole basis for VRE subsidy/must run incentive (MRI) is the so-called bilateral agreement between the Government

and the power developers. On a careful perusal of Memorandum of Understanding which is evidently termed as bilateral agreement, the Commission does not find any term therein providing for payment of VRE subsidy or must run incentive. These phrases appear to have been coined by the DISCOMs from their own imagination. Therefore, we perceive this proposal as wholly misconceived. When a statute or contract does not impose any obligation on the executive government, it is neither legal nor proper to fasten the Government with a non-existent obligation. We may however hasten to add that if the State Government is prepared to subsidize the DISCOMs any part of the tariff as held out by the energy secretary in the statement sent in the name of Government of Andhra Pradesh to this Commission on 21-01-2020, it shall be free to do so without the Commission's intervention. The Commission therefore holds that the claim of the DISCOMs to exclude the purported component of VRE subsidy from the power purchase cost towards procurement of Wind and Solar energy is without any basis and the same is accordingly rejected. (Chapter-IV, Para 143 (ccc), Page No.111)

Reply: It is noted that the proposal of "Must Run" incentive/VRE subsidy is rejected by the Hon'ble APERC.

Directive No.13 : SLDC Cost: The Commission has verified the computations made by licensees and found that the SLDC cost filed by the licensees is less than that approved for FY2020-21 in the order on SLDC Annual Fees and Operating Charges for the 4th Control Period. The licensees have claimed SLDC Cost based on the demand considered for transmission capacity but not on the installed capacities on which SLDC charges are determined by the Commission. Therefore, if the licensees pay the SLDC Costs over and above the filings, the same may be claimed in the ARR for FY2021-22. However, the Commission approves the SLDC Costs as filed by the licensees in this order. (Chapter-V, Para 148, Page No.113)

Reply: APSPDCL will claim the estimated differential SLDC cost based on installed capacity in ARR filings for FY 2021-22.

Directive No.14 : Periodical Reports on progress of Energy efficiency and conservation initiatives : The licensees shall place on their respective websites the details of projects and the savings accrued on account of implementation of Energy Efficiency and Energy Conservation projects. (Chapter-V, Para 160(b), Page No.121)

Reply : The periodical reports on implementation of AgDSM programme of replacement of 5HP conventional pump set with BEE 5 star rated 5HP Energy Efficient pump sets is available in APSPDCL website, the circle wise monthly installation report of AgDSM project is available in APSPDCL website (i.e., www.apspdcl.in / Customer information / Reports / EEPS installation status)

Directive No.15 : Measures for prevention of electrical accidents : Needless to observe, the licensees shall take all possible steps to prevent electrical accidents by adhering to all safety standards

in accordance with the CEA Safety Regulations. The Commission proposes to monitor the performance of the DISCOMs on implementation of safety measures for reducing the number of electrical accidents and issue instructions in this regard from time to time in future. (Chapter-V, Para 160(d), Page No.122)

Reply : The DISCOM is following safety regulations. Also preventive maintenance is being carried out in advance, inspection of all 33KV, 11KV and LT lines were carried out periodically and defects noticed in all EHT, HT, LT lines were attended time to time. All possible steps are being taken to prevent electrical accidents by adhering to all safety standards in accordance with CEA safety Regulations. Consumer electrical safety week is being observed every year to avoid accidents by educating the public on electrical safety through wide publicity by distribution of pamphlets and conducting meetings. Time to time instructions are being given to field on implementation of safety measures for reducing the number of electrical accidents.

Directive No.16 : Payment of ex-gratia to Victims of electrical accidents : The licensees shall strictly comply with Regulation 2 of 2017 in paying compensation to the victims of electrical accidents. The Commission has been considering the grievances of the victims / their families received through correspondence and issuing instructions to the licensees for settling compensation claims without any loss of time and shall continue this exercise in future also. (Chapter-V, Para 160(e), Page No.123)

Reply : Most of the electrical accidents occurred in the deceased premises, due to nonstandard service wiring and lack of awareness. Some of the accidents occurred due to un-authorized extension of power supply to the fencing of agricultural fields. In this regard, it is targeted to reduce electrical accidents by proper maintenance of electrical power lines, campaigning on safety measures to be taken by the public and by registering complaints in the police stations on the persons who are extending unauthorised power supply to the fencing of agricultural fields. The DISCOM is following the Regulation No.2 of 2017 while paying compensation to the victims based on proposal received and intimating the same to victims / their families without any loss of time.

- The amount of compensation paid to victims / their families in FY 2019-20 is Rs.8.99 Crs. For fatal accidents as per Regulation No.2 of 2017
- The amount of compensation paid to victims / their families in FY 2020-21 is Rs.0.29 Crs. for fatal accidents upto 06/2020, as per Regulation No.2 of 2017

Directive No.17 : The Commission's decision on other costs : In conformity with the Commission's view stated supra, it has decided to continue the provision of grant of Rs.3 Cr. (Rs.2 Cr. – SPDCL, Rs.1 Cr. – EPDCL) to APSEEDCO. Further, in the State Advisory Committee meeting held on 13.01.2020 at Tirupati, the Managing Director, APSEEDCO has brought to the notice of this Commission that the grants approved by the Commission for FY2019-20 to APSEEDCO were not released by the licensees. In this regard, the licensees are directed to comply with the directions of this Commission and release the grants as provided to APSEEDCO and report compliance within one month from the date of notification of this order. (Chapter-V, Para 162, Page No.123)

Reply : APSPDCL has already released Rs.1.00 Cr. (Rupees one crore) in FY 2018-19 for Energy Efficient measures to APSEEDCO and the same was unutilised and has been carried forward to utilise the funds for FY 2020-21.

Directive No.18 : Pension Fund : Commission has approved the additional interest on pension bonds towards pension liability of the employees in its order on AP GENCO Generating Stations Tariffs for the 4th Control Period. A new provision for pension liabilities needs comprehensive examination by this Commission for which the licensee has not placed any material before it. Therefore, the claim for pension fund is not accepted. However, the licensee may approach the Commission in appropriate manner for examination of the issue on merits and as per law. (Chapter-V, Para 166, Page No.124)

Reply : The licensee will submit the relevant details for approval of pension fund for employees of DISCOM towards liability of erstwhile APSEB employees from December'2029 onwards in place of master trust separately.

Directive No.19: REC Income not shown : The Commission agrees with the stand of the objector. As the DISCOMs have the details of the RPO achieved by them, it would not have been difficult for them to make a broad assessment of the revenue expected from the sale of RECs and include the same in the expected revenues. The Commission has however assessed the expected revenue with reasonable approximation in this Order. The Commission hereby direct the DISCOMs to indicate the likely revenue through sales of RECs in future. (Chapter-VII, Para 189, Page No.133)

Reply:

1. NLDC has issued 4,61,014 no.of Solar certificates and 11,24,035 no.of Non-Solar certificates for APSPDCL for FY 2017-18 and the total issued RE certificates were traded through Exchanges in FY 2019-20 and amount realized is Rs. 236.33 Cr (Rs. 72.70 Cr- Solar and Rs. 163.63 Cr- Non Solar).
2. NLDC has issued 12,79,721 no.of Solar certificates and 48,13,207 no.of Non-Solar certificates for APSPDCL for FY 2018-19 and total executed RE certificates is 24,69,033 (Solar: 12,69,720 and Non- solar: 11,99,313) . The amount realized by REC's trading is Rs. 455.79 Cr (Rs. 304.24 Cr- Solar and Rs. 151.56 Cr- Non solar). The balance REC's that are to be traded for FY 2018-19 are 36, 23,895 (Solar-10,001 and Non-Solar - 36,13,894).
3. Further, it is to inform that, in the matter of the RE Certificates allotted to APSPDCL, the Hon'ble APTEL has issued the following judgment on Dt. 20-08-2020 against Appeal No.99 of 2020 & IA No.483 of 2020 & O.P.No. 2 of 2020 & IA No.485 of 2020 between Techno Electric & Engineering Company Limited v/s APERC, APSPDCL and NLDC:
 - a. The Hon'ble APTEL opined that the certificates already sold by APSPDCL which were obtained for the performance financial year 2018-19 need not be disturbed.

- b. So far as balance disputed RECs issued and unsold for the financial year of 2018-19, the Central Agency shall initiate revocation proceedings and cancel/revoke the registration accordingly in terms of Regulations of 2010.

4. Regarding the balance disputed RE Certificates for FY 2018-19 matters is under sub-judice.

Directive No.20 : Licensees’ Proposals, Objections and Commission’s Decisions : In this regard, it is relevant to note that the Commission approved only five (5) categories for FY2019-20 and each category along with the associated sub-categories as applicable, has classification for LT Supply and HT Supply based on the voltage level and Connected Load. The Commission approves the same structure with the same five Categories, for FY2020-21 also. Further, the nomenclature of categories shall be “Category – I: Domestic – LT” or “Category – I: Domestic – HT”, etc. and the sub-categories shall also be read accordingly, e.g. “Category–III (A): Industry (General)– LT” or “Category–III (A): Industry (General)– HT”

The licensees are directed to make note of the nomenclatures and to strictly follow the same while making the proposals in future.

(Chapter-VIII, Para 196, 197 & 198, Page No.140)

Reply : The Commission direction to make note of the nomenclatures of categories is noted and same will be strictly followed

Directive No.21 : Enhancement of load limit to Rice Millers and Pulverisers under LT Supply : The requests of the Pulverisers and Rice Millers are examined and the probable financial impact on the licensees if the requests are positively considered has been analysed based on the information subsequently obtained from the licensees. Accordingly, in consideration of these requests, the Commission decided to permit the above class of consumers upto a connected load of 150 HP under “Category III: Industry (General) – LT” with the following tariffs in order to strike a balance between the interests of these consumers and that of the licensees.

Connected Load	Fixed charges (Rs./kW/Month)	Energy Charge (Rs/kWh or kVAh)
Upto 100 HP	75.00	6.70
101 HP to 150 HP	275.00	6.70
Monthly minimum charges – NIL		

Note:

(i) The existing consumers whose connected load is more than 100 HP and upto 150 HP and are already availing supply under Category III (A) – HT Industry (General) shall be given option, either to continue to be billed in the same category or to be billed at the tariff as mentioned above, without disturbing the existing metering. The existing consumers shall give such option on or before 30.06.2020 failing which they shall continue to be billed as per Category III (A) – HT Industry (General).

(ii) The new consumers with the contracted load between 100 HP and 150 HP may also opt to be billed as per the above tariff failing which they will be billed as per Category III (A) – HT Industry (General).

(Chapter-VIII, Para 204(x), Page No.159)

Reply : The above terms and conditions of tariff are being followed.

Directive No.22: Penal Charges for exceeding CMD : The Commission sees justification in the grievance of the objectors and has accordingly decided to prescribe the modified tariff conditions. (Chapter-VIII, Para 204(II), Page No.165)

Reply: If in any month the Recorded Maximum Demand (RMD) of the consumer exceeds his Contracted Maximum Demand (CMD) with licensee, the consumer has to pay (2) Two times of normal charges over and above CMD only i.e. upto CMD normal rate and exceeding CMD (RMD-CMD) X 2 times.

Directive No.23: Additional Charges for Maximum Demand in excess of the Contracted Demand: If in any month the Recorded Maximum Demand (RMD) of the consumer exceeds his Contracted Maximum Demand (CMD) with Licensee, the consumer will pay the following charges on excess demand and on energy calculated in proportion to the excess demand:

RMD	Demand Charges on Excess Demand	Energy Charges on Excess Energy
100 to 120% of CMD	2 times of normal charge	Normal
Above 120% and up to 200% of CMD	2 times of normal charge	1.5 times of normal charge
More than 200% of CMD	2 times of normal charge	2 times of normal charge
Excess demand and energy charges shall be computed as follows: Excess Demand = (RMD-CMD) if RMD is more than CMD with Licensee. Excess Energy = (Excess Demand / RMD) X Recorded Energy		

(Chapter-X, Para 225 (6.6), Page No.229)

Reply: If in any month, the RMD of the consumer exceeds his CMD the consumer has to pay additional energy charges proportionate energy of excess MD only as per Tariff rates i.e. over and above the CMD. Example: As Detailed below for 11kv, CMD:150KVA service

Particulars	KVA	KVAH
Recorded	181.6	93548
Third Party (Wheeling Agr.)	0	0
Balance	181.6	93548
CMD	150	
Excess Demand	31.6	
Normal Demand	150	

Particulars	KVA	KVAH
% CMD	121.07 (181.6/150 X 100)	
Times for Excess energy charges	1.5	
Excess energy	16278 (31.6/181.6 X 93548)	
Normal Energy	77270 (93548-16278)	
Particulars	Rate	Amount
Normal Demand Charges	475 X 150	71250
Penal Demand Charges	475 X 2 X 31.60	30020
Normal Energy Charges	6.30 X 77270	486801
Excess Energy Charges	16278 X 9.45	153827.10
Total		741898.10

Directive No.24 : Full Cost Recovery Tariff Schedule (FCRTS) for FY 2020-21 : In the absence of any external subsidization u/s 65 of the Electricity Act, 2003 for the total revenue gap of `10,060.63 Cr. (`7247.18 Cr. for APSPDCL and `2813.44 Cr. for APEPDCL) as determined by the Commission in this order, the licensees will have to charge the rates contained in the above Full Cost Recovery Tariff Schedule during FY2020-21 for retail sale of electricity to generate the revenue to meet the approved ARR for FY2020-21.

(Chapter-IX, Para 220, Page No.186)

Reply: In this connection it is to submit that the Energy Department of AP communicated that it undertakes to provide the Agriculture subsidy and the domestic tariff subsidy proposed by the commission and APSPDCL share is Rs.7,247.18 Cr. Hence the rates as per Retail supply tariff schedule is being collected by APSPDCL.

Directive No.25 : GoAP orders on subsidies / concessions : The Commission has not factored the decisions of the Government in the G.O.s mentioned infra, while arriving the subsidy requirement. (i) G.O.Rt.No.70 dated 2.07.2019 - tariff concession to the Aquaculture farmers (Annexure-11), (ii) G.O.Ms.No.91 dated 24.07.2019 - free power under Jagjeevan Jyothi Scheme to the eligible Scheduled Caste households (Annexure-12), (iii) G.O.Rt.No.24 dated 15.02.2019 - free power to laundries run by BPL Rajaka community and to shops of Gold Smiths and most backward class households below poverty line (Annexure-13), (iv) G.O.Rt.No.128, dt. 29.11.2019 - tariff concession to rolled gold covering industry in Machilipatnam (Annexure-14), (v) G.O.Rt.No.15 dated 06.02.2019 - free power supply upto 150 units per month to hair cutting saloons (Annexure-15), and (vi) G.O. Rt.No.291 dated 25.09.2018 - free power upto 100 units per month to handloom weavers (Annexure-16) as such a proposal has not been made by the licensees. (Chapter-X, Para 224, Page No.185)

Reply: It is to inform that the following subsidies / concessions are being provide by the GoAP

Category	G.O	Subsidy provided	Mode of payment
SC- ST consumers	As per G.O.MS.No. 91 Dt 24-07-2019 and G.O.MS.No. 94 Dt 25-07-2019	Free power upto 200 units to SC and ST consumers	The subsidy amount provided is being claimed from the Go AP
Dhobighats	G.O.Rt.No.75,Energy Infrastructure & Investment (Power. I) Department Dt.27.6.2018	Providing free power to Dhobighats on par with Agriculture connections (Free category)	The subsidy amount provided is being claimed from the Go AP
Laundries	G.O.Rt.No. 24 Industries & Commerce(programme .II) Dept Dt.15.02.2019	providing free power up to 150 units to laundries run by BPL Rajaka Community under DBT Mode	DBT Mode
MBC communities		providing free power upto 100 units to household of BPL MBC communities under DBT Mode	DBT Mode
Gold smiths		providing free power upto 100 units to Professional Goldsmith who belong to BPL category under DBT Mode	DBT Mode
Naye Brahmin community	G.O. Rt.No.15 Energy,I&I(power.I) Department Dt. 06.2.2019	Providing Free power up to 150 units to saloon run by BPL Naye Brahmin Communities under DBT Mode	DBT Mode
Handlooms	G.O.Rt.No. 29 Industries & Commerce(programme .II) Dept Dt.25.09.18	providing free power up to 100 units to Handloom Weavers under DBT Mode	DBT Mode
Aqua Culture	G.O.Rt.No .136 Energy Infrastructure & Investment (Power-I) Department Dt.10.10.2018	power tariff concession for supply of power to the aqua culture farmers by reducing the current unit rate from Rs.3.86 PS to Rs.2.00 Ps (i.e. Rs.1.86) for a period of one year w.e.f 08.08.2018	The subsidy will be reimbursed by the Energy department and letters are being addressed for payment of the subsidy amounts to APSPDCL.

Directive No.26 : Category –IV (B) : General Purpose – LT : Note : (ii) The change of applicability shall be effected within three months from the date of issue of this order to the existing consumers who fit in the above definition. If the change of applicability is not effected within three months for any valid reason for all such consumers, change of classification shall be effected prospectively from the actual date of re-classification. (Chapter-X, Para 225 (1.4.2), Page No.199)

Reply : The above terms and conditions of tariff are being followed.

Directive No.27 : Determination of Additional Surcharge : : In view of the request of the DISCOMs vis-à-vis objection in this regard, the Commission reiterates that Section 42(4) of the Electricity Act, 2003 read with Clause 8.5.4 of the National Tariff Policy, 2016 are self-explanatory with no need to prescribe any methodology. Section 42(4) is explicit and clear that an Additional Surcharge is to be paid on the specified charges of wheeling, to meet the fixed cost arising out of the obligation to supply. Clause 8.5.4 of the National Tariff Policy, 2016 is equally unambiguous in making it obligatory for the distribution licensee to conclusively demonstrate that his obligation in terms of existing power purchase commitments has been and continues to be stranded or that there is an unavoidable obligation and incidence to bear fixed costs in consequence to such a contract and that fixed cost related to network assets will be recovered through wheeling charges. Therefore, the licensees are at liberty to file supplementary filings for determination of Additional Surcharge for FY2020-21 through appropriate petitions or applications accordingly, if otherwise they are entitled for the same. Such petitions/applications, if filed, will be determined independently on merits in accordance with law as per the prescribed procedure. (Chapter-XI, Paras 240 & 241, Page No.241)

Reply : The licensee will attempt to make supplemental submissions for determination of additional surcharge at a later date.

Directive No.28 : Objection of Sri Anjaneya Sharma, Kurnool : As the Regulation is specific with regard to the monetary limit for receiving cash payments, it is not possible for the Commission to direct the DISCOMs to receive cash payment in excess of the limit specified by the Regulation. The DISCOMs are directed to follow the above Regulation in its letter and spirit. If not, the objector may move the Commission for appropriate action. (Chapter-XII, Paras 244 (g), Page No.248)

Reply : Monetary limit for receiving cash payments as prescribed by Honourable APERC is being implemented

Directive No.29 : Objections of Bharatiya Kisan Sangh and Others – HVDS : The DISCOMs' response does not indicate that they have been taking approvals from the Commission for undertaking the conversion works. As per the Commission's Guidelines for Investment Approval (February 2016), every licensee has to take the Commission's approval for all the works whose value is above Rs.5 Cr. The licensees are therefore directed to scrupulously follow these guidelines in future. (Chapter-XII, Paras 244 (h(iii)), Page No.250)

Reply : Proposals were submitted to the Honourable APERC on conversion from LVDS to HVDS works vide Lr.No.CGM/RAC/GM/RAC/SPDCL/TPT/D.No.165/20,dt.11-02-20 & Lr.No.CGM/RAC/ GM/ RAC/SPDCL/TPT/D.No.185/20,dt.27-02-20

Directive No.30 : Provide booklets and create awareness on tariffs : The Commission is of the view that awareness on the tariffs needs to be created not only in the staff of the licensees but also in the consumers. Therefore, small booklets containing tariff schedules and other relevant aspects useful for the consumers must be printed in vernacular language in adequate quantities and be made available in all the offices of the licensees for sale to the consumers on collecting reasonable cost. Such availability shall be properly publicized for the consumers to be aware of the same. This exercise shall be completed by both the DISCOMs within two months of publication of tariff order and submit compliance report to the Commission. (Chapter-XII, Paras 244 (i(vii)), Page No.254)

Reply : 50,000 Nos. of booklets on schedule of Tariffs for FY 2020-21 in Telugu were printed and sent to various field offices for distribution among interested consumers.

Directive No.31 : Extend 24 Hrs. three phase supply in villages : So far, the DISCOMs have not approached the Commission for approval of investment schemes for segregation of agriculture feeders. Prima facie such approvals are necessary. The Commission will examine this aspect and issue appropriate directions to the DISCOMs in this regard. (Chapter-XII, Paras 244 (j(ii)), Page No.255)

Reply : Proposal was submitted to M/s REC Ltd., for financial assistance. After getting sanction from REC, proposal for investment approval will be submitted to Honourable APERC

Directive No.32 : Educate farmers on selling power : The response of APEPDCL is inappropriate. Wherever the Solar pumpsets are connected to the grid, the licensee must create awareness in the farmers about their entitlement to sale surplus power. Action taken report in this regard shall be submitted by the licensee to the Commission within three months. (Chapter-XII, Paras 244 (j(v)), Page No.256)

Reply : In APSPDCL jurisdiction, 20,136 Nos. Solar PV Agricultural pump sets are installed as on 31-03-2020 which are not connected to grid. Hence DISCOMs can't draw surplus power from the Solar PV Agricultural pump sets. However, the DISCOM is creating awareness in the farmers about selling of surplus power from Solar PV agricultural pump sets duly converting the off grid pump sets to grid connected where APSPDCL grid is available.

Directive No.33 : Implementation of DSM measures is not taken seriously : Implementation of DSM measures is not being taken seriously by DISCOMs and providing of new pump sets in place of old pump sets was also ignored.

APEPDCL Response: In the 5 Districts of APEPDCL 18,273 energy efficient pump sets were replaced with regular pump sets as on 30.06.2019.

Commission's view: APSPDCL has not responded on this issue. Both DISCOMs should take prompt action in this matter and send action taken report within 3 months.
(Chapter-XII, Paras 244 (j(vi)), Page No.256)

Reply : In APSPDCL 51,877 Nos. Energy Efficient pump sets were installed in place of old conventional pump sets and instruction followed. All efforts are being made to implement DSM measures. New services are being released following DSM measures.

Directive No.34: Indication of subsidy in CC bills & Advertisements on back of CC bill : Though the objector has not projected the correct facts regarding the tariff applicable to the consumers of below 500 units of power, his suggestion however to print the details of subsidy etc. is worth considering as this is in consonance with the second part of clause 4.2 s) of the Andhra Pradesh Electricity Regulatory Commission (Electricity Supply Code) Regulation, 2004, which reads as under: "(s) Address / details of concerned local collection centers and electricity revenue offices of licensee with working hours where payment of electricity bill shall be made. Details of cost to serve for the category, Cross Subsidy & Government Subsidy per unit, slab wise, and information ---- may be printed on the reverse of the bill". Both the DISCOMs are therefore directed to follow the above mentioned clause and submit compliance report to the Commission within three (3) months. (Chapter-XII, Paras 244 (r), Page No.259)

Reply: The Backside of the CC bill was revised with display of subsidy details. The bills with subsidy details on backside are being issued from October'2020 onwards.

Directive No.35 : Supply to Rural Industries: The Commission will examine and follow the due procedure to process it, if any such proposal is received from the DISCOMs.
(Chapter-XII, Paras 244 (s), Page No.260)

Reply: Proposal was submitted to M/s REC Ltd., for financial assistance. After getting sanction from REC, proposal for investment approval will be submitted to Honourable APERC.

Directive No.36 : Energy Efficient Appliances are not used in Govt. Offices & Energy Audits are not done: Energy Conservation being one of the essential measures of improving internal efficiency of the licensees, the same shall be taken up on a war footing. As represented, by using LED appliances and other modern gadgets not only energy could be conserved, but also environment could be protected. The State Energy Conservation Mission should therefore take up all such measures as are necessary including conducting of education / awareness programs regularly in coordination with DISCOMs. On their part the DISCOMs shall take the necessary action to ensure deployment of modern appliances by all its consumers. They shall prepare a roadmap towards this end and submit the same before the Commission for its consideration within three months.
(Chapter-XII, Paras 244 (t), Page No.261)

Reply : APSECM / APSEEDCO is the Nodal Agency for implementation of Energy Efficient measures in the State. By using LED appliances and other modern gadgets not only energy could be conserved, but also environment could be protected. The SECM has taken up all such measures in Govt. Offices as are necessary including conducting of workshops and public awareness campaign program regularly in coordination with APSPDCL. APSPDCL has taken necessary action for deployment of modern appliances in all the consumers. APSPDCL has given Rs.1.00 Cr. to APSEEDCO for conducting public campaigns, creating awareness in consumers on utilisation of star rated appliances in domestic usage as well as energy auditing. APSPDCL has given instructions to all field officers to collect production of proof of purchasing of 5 star rated pump sets with smart control panel with capacitor from consumers for releasing of agricultural services.

Directive No.37 : Issues in General : From the suggestions made and objections raised by the objectors and the replies / information furnished by the licensees, the Commission is of the view that the licensees need to conduct their future activities by duly keeping in mind these suggestions and objections. If in respect of any suggestions / objections, the objectors feel that the licensees are failing to follow the same, they shall be free to avail appropriate remedies including moving this Commission, if the law so permits. (Chapter-XII, Paras 244 (gg), Page No.267)

Reply : Any suggestions / views of the objectors in any activity are being examined and considered for implementation if beneficial to the organisation subject to the Regulations, proceedings and orders of the Honourable APERC.

Directive No.38 : Issues which require action/attention of the DISCOM: The various grievances / suggestions of the objectors are largely responded to by the DISCOMs concerned. The DISCOMs shall prepare an action program for implementation of the assurances given by them on the various grievances expressed by the objectors and submit a report to this Commission within three months. Wherever the DISCOMs have not responded positively, the objectors may avail legal remedies such as approaching the CGRF and Vidyut Ombudsman. (Chapter-XII, Paras 244 (oo), Page No.276)

Reply: The consumer grievances are being attended effectively. Upon the receiving of the grievances, they are transmitted to the concerned department personnel for resolving the same as per the departmental rules in vogue for immediate action. The objections raised by the consumers were also replied. There is no deficiency of service.

Directive No.39 : Objections raised during Public hearings as well as received after due date: As the Commission did not have the benefit of the DISCOMs' responses due to the fact that the objections were raised either during public hearings or sent after due date, it is not possible to express its views. However, the respective DISCOMs are directed to consider the above noted grievances of the objectors and take appropriate action under intimation to the objectors within three months. If any grievance is not redressed, the aggrieved party may avail appropriate legal remedies.

(Chapter-XII, Paras 245 (nnn), Page No.279)

Objection (vv): Sri. G. Eswaraiah, District Secretary, CPI, Kadapa during the public hearing at Kadapa has stated that DISCOMs are not maintaining 9 hours supply to Agricultural and that compensation is not paid to the victims of electrical accidents. (Chapter-XII, Page No.277)

Action taken report : The total agricultural feeders in the Kadapa Circle are 769 Nos. 9 Hrs. supply to the agricultural pump sets is being extended in two spells. A group timings – 06:30 Hrs to 15:30 Hrs. B group timings – 09:30 Hrs to 18:30 Hrs. If any short fall arises due to breakdown (or) any reasons, the compensation for 9 Hrs. supply is being extended from 21:00 Hrs. All necessary precautions are being taken to minimize power supply interruptions and to provide reliable supply. Compensation is being paid to all eligible victims of electrical accident cases as per the APERC's Regulation 2 of 2017.

Objection (xx): Sri P.K. Hari, Smt. P.E. Sandhya and Sri P. Ellappan, Pudupet, Nagari have stated that the APSPDCL levied capacitor surcharge even after maintaining Power Factor of 0.948 which is not justifiable. (Chapter-XII, Page No.277)

Action taken report : The capacitor surcharge is being levied as per the terms and conditions of the supply. Further, the capacitor surcharge raised for the month of february 2019 against ISC No:5312210001034 in favour of Sri P.Ellappan in operation section Ngari was withdrawn vide RJ No 35 dt 27.08.2020.

Objection (bbb): Sri Ch. Venkataiah, Chittoor (Dt) has stated that people are suffering due to frequent power cuts and failure of DTRs in west part of Chittoor district during January to May of every year and hence requested for necessary action. (Chapter-XII, Page No.278)

Action taken report: Measures have been taken to ensure uninterrupted supply to the consumers, by periodical maintenance of lines, poles and DTRs, erecting intermediate poles, restringing of the loose spans and regular tree cutting.

Objection (ddd): Sri. G. Eswaraiah, CPI, Kadapa has stated that the substations are constructed by the DISCOMs without any assessment on requirement. (Chapter-XII, Page No.278)

Action taken report : The Sub Stations will be proposed based on the present loads and future coming loads around the proposed area. All technical parameters will be studied while sanctioning the new Sub Stations. The Sub Stations are being constructed at the load centers only.

Objection (eee): Sri N. Subramanyam Naidu, Kambalamitta (V), Pakala (M), Chittoor District during the public hearing held at Tirupati has stated that AB Switches shall be provided, 9 hours supply power shall be maintained and responses shall be properly given in Spandana Program. (Chapter-XII, Page No.278)

Action taken report :

(A) Day time 9 hrs power supply is being given to all agriculture feeders of the Tirupati circle by taking care of all the field requirements for to do so.

(B). AB switches are provided where ever the conditions necessitate to do so for the safety of consumers and department personnel.

(C).Complaints received during SPANDANA program are being attended by the departmental staff whenever the complaint arises in the respective program.

Objection (fff): Sri V. Gangaraju, Dist. president, CITU, Chittoor (Dt) has stated that there is a large pendency in releasing the agricultural service connections in the west part of the district in spite of farmers have paid all the charges. (Chapter-XII, Page No.278)

Action taken report : Services are being issued to the agriculture activity based on the availability of the quota and the seniority of the applicant.

Objection (ggg): Sri S. Jayachandra, Democratic Youth Federation of India, Chittoor (Dt) has stated that 4700 Nos. vacant posts present in the jurisdiction of APSPDCL need to be filled immediately with the 75% of local candidates. Roaster and Reservation shall need to be extended to the outsourcing employees also. (Chapter-XII, Page No.278)

Action taken report : All the Superintending Engineers/Operation and Executive Engineers/Operation were instructed to follow the Rule of Reservation through the contractors in regard to engagement of Shift Operators and Watchman.

Further, instructions were also issued to instruct the contractors to follow the above instructions without fail and take necessary steps in strict implementation of ROR in engaging of Sub-station Shift Operators and Watchman on outsourcing basis. Any deviation in this regard will be viewed seriously and action will be initiated against the concerned.

Objection (iii) : Sri. G. Eswaraiyah, CPI, Kadapa has stated that the fatal electrical accidents are increasing year on year due to the negligence of the licensees in maintain safety standards and requested to enhance the compensation for deaths to 10 Lakhs. (Chapter-XII, Page No.278)

Action taken report : The APSPDCL is implementing the following preventive measures to reduce no. of electric accidents. PMI of all 33 KV & LT lines are being done regularly and the following measures are being taken to avoid accidents.

- 1) Rectification of loose lines.
- 2) Insertion of additional poles in lengthy spans.
- 3) Providing of security fencing for the DTR structures in highly populated areas.
- 4) Replacing of old conductor & damaged poles.
- 5) Awareness created to the public on the electrical accidents up to Mandal level.
- 6) Notices are given to the building owners for maintaining proper clearances wherever necessary.
- 7) Awareness created to bore well owners about the electrical accidents, wherever bore wells repaired underneath the existing power lines.

No. of accidents during FY 2018-19 are 172 Nos. and compensation paid to 115 cases. No. of accidents during FY 2019-20 are 131 Nos. and compensation paid to 106 cases. It clearly shows that the No. of accidents are decreasing from year to year. The compensation payable for fatal non-departmental electrical accident was enhanced from 2.0 Lakhs to 5.0 Lakhs w.e.f 01.06.2017 by the APERC. If the compensation is enhanced again, it is an additional burden to APSPDCL

Objection (jjj) : Sri A. Rammohan Reddy and Sri T.R. Subramanyam, Tirupati during the public hearing at Tirupati have orally stated that bill adjustments are not done for the energy injection from their Roof top Solar Plants. (Chapter-XII, Page No.278)

Action taken report : Energy settlements for the solar roof top injections are being settled upon the completion of the respective periods, based on their agreements with the APSPDCL.

Directive No.40 : Information sought from the DISCOMs: As the information sought for by the objectors appear to have been furnished, the Commission feels that its intervention in this regard is not necessary. If any piece of information sought by the objectors is not furnished, they may approach the licensees and in such case the licensees shall promptly furnish the information unless the same is barred under the Right to Information Act. (Chapter-XII, Paras 246 (d), Page No.287)

Reply: APSPDCL is furnishing the required information to the objectors unless the same is barred under the Right to Information Act.

10 Subsidies to be received and expected to be received

The Government of Andhra Pradesh is providing subsidies to various categories of consumers as given below :

Description	FY 2019-20 SPDCL				FY 2020-21 (H1) SPDCL			
	Opening Balance	Demand	Receipt	Closing Balance	Opening Balance	Demand	Receipt	Closing Balance
Tariff Subsidy	5902.08	6438.58	6712.94	5627.72	5627.72	2807.34	571.59	7863.47
SC subsidy under Jagjeewan Jyothi Scheme	50.17	104.67	66.16	88.68	88.68	76.61	0.00	165.29
ST subsidy under Jagjeewan Jyothi Scheme	24.26	20.88	7.41	37.73	37.73	14.72	0.00	52.45
Incentives to ferro alloys	3.39	0.00	0.00	3.39	3.39	0.00	0.00	3.39
Incentives to aqua farmers	69.72	126.47	0.00	196.19	196.19	78.90	0.00	275.09
Power looms	3.40	7.39	8.05	2.74	2.74	2.66	0.00	5.40
Total (to be received from GoAP)	6053.02	6697.99	6794.56	5956.45	5956.45	2980.23	571.59	8365.09

Other subsidies such as free power to laundries run by BPL rajaka community, free power supply to hair cutting saloons (upto 150 units per month) & free power to shops of gold smith, free power to MBC households, free power to handloom weavers (upto 100 units per month) are not included in the above receivables from GoAP as the subsidy transfer is through Direct Benefit Transfer (DBT) mode.

11 Cost of Service for FY 2021-22

The Licensee has been filing Cost of Service (CoS) in embedded cost methodology. As per the directions, the study of various CoS methods was done and report submitted to Hon'ble commission. In Tariff Order FY 2019-20, the Hon'ble commission having examined the report on various methods of CoS, finally decided to adopt the same methodology as in FY2018-19 for arriving at the Cost of Service for FY2019-20 and FY 2020-21 also, considering the under lying complex exercise involved in data collection etc., in arriving CoS through the Embedded cost methodology is robust. Thus, considering the inferences drawn by Commission, the Licensee is adopting Hon'ble Commission's approach in arriving CoS for FY 2021-22.

The Licensee estimated gross energy sales (MU) at different voltage levels as shown in the Table below:

Estimated Energy Sales for FY 2021-22	
Particulars	Sales in MU
Sales at LT Level	16122.84
Sales at 11 KV Level	2152.71
Sales at 33 KV Level	2159.68
Sales at 132 KV Level and above	3837.00
Total Sales	24272.22

The Licensee has, thereafter, grossed up the energy sales (MU) at the specific voltage levels with T & D losses (%) as estimated in this filings for FY 2021-22 for arriving at the power purchase requirement (MU). The summary of the voltage wise losses considered are shown in the Table below:

Projected T&D Losses for FY 2021-22	
Particulars	Loss %
T&D Loss applicable to LT Sales	13.90
T&D Loss applicable to 11 KV Sales	9.71
T&D Loss applicable to 33 KV Sales	6.58
T&D Loss applicable to 132 KV and above sales	3.46

Applying the above losses, the power purchase requirement / energy input (MU) for the respective voltage levels is arrived at as shown in the Table below:

Estimated Input for FY 2021-22	
Particulars	Input in MU
Input for LT Sales	18725.15
Input for 11 KV Sales	2384.16
Input for 33 KV Sales	2311.76
Input for 132 KV and above Sales	3974.51
Total Input	27395.58

The ARR estimated for the year has been apportioned in proportion to the energy input at different voltage levels. The ARR cost allocated at different voltage levels is as shown in the Table below:

ARR allocation for FY 2021-22	
Particulars	ARR in Crs.
For at LT Level	12144.61
For at 11 KV Level	1546.30
For at 33 KV Level	1499.34
For at 132 KV Level and above	2577.76
Total ARR allocation	17768.00

Based on the energy sales and the apportioned ARR at the respective voltage levels, the Licensee has calculated Cost of Service per unit for different voltage levels for FY 2021-22 as shown in the Table below:

Estimated Cost of Service (CoS) for FY 2021-22	
Particulars	Rs./Unit
For at LT Level	7.53
For at 11 KV Level	7.18
For at 33 KV Level	6.94
For at 132 KV Level and above	6.72
Average	7.32

12 Retail Supply Business True-up for FY 2019-20 :

The audit for the FY 2019-20 is provisionally completed and Statutory & CAG Audit is pending. The licensee will submit True-up of Power purchase cost for FY 2019-20 after completion of the same.

13 Tariff Proposals for FY 2020-21

Licensees proposes to continue with same 5 Main categories in LT as well as 5 Main categories in HT as approved by Hon'ble Commission during FY 2020-21.

The following changes have been proposed:

LT Cat-I : Domestic : The licensee proposes to dispense with the monthly minimum charges and instead proposes levy of fixed charges @ Rs.10/KW/Month and part thereof of contracted load.

LT-II Commercial (iv) Function Halls: Existing Fixed Charges of Rs 100/KW/Month in LT Function Halls is removed to disincentivise Diesel Generator sets and increase Sales in this category.

LT-V Agriculture: Existing Poultry Hatcheries & Feed Mixing Plants V- C (i) and Aqua hatcheries & Feed Mixing Plants V-C (ii) at LT & HT are merged in III-A Industrial General respectively at LT & HT.

HT-I Domestic: Group Housing Societies, Housing societies, Apartment Complexes/Buildings, Townships, Colonies, Gated Communities and Villas.

Existing housing societies, consumer(s)/ residents' associations, Apartment complexes/buildings, townships, colonies, gated communities etc. may opt for this facility and conversion will be done at free of cost. All new Group housing societies, Apartment Complexes/Buildings, Townships, Industrial Colonies, Gated Communities will be given the single point HT connection facility under HT-I Domestic.

The classification of these categories will be as per the building permits/ layout permits issued by competent authority.

HT –III : Industrial : Proposed to change the Morning Peak ToD Timings from 6:00-10:00 to 4:00-8:00 inline with the incidence of Agriculture Load. Accordingly new ToD Off Peak Timings are 10:00 P:M to 4:00 A:M.

HT-III : Industrial : Existing Load Factor based HT Incentive scheme is proposed to be discontinued from the next Financial Year

HT-II (B) : Startup Power : It is proposed to expand coverage to include Merchant Plants / IPPs which don't have PPAs with AP DISCOMs.

Resco : It is proposed to supply power to Rescos at bulk supply rate without considering GoAP subsidy and the Rescos are allowed to claim the subsidy as approved by the Honourable APERC from GoAP.

Revenue Impact : The overall revenue gain due to above Tariff proposals is Rs.406.54 Crs. within an overall impact of 3.72% as shown in the Table below:

Category	LT Supply			HT Supply			Total Impact (LT+HT)
	FY 2021-22 as per present tariffs (Crs.)	FY 2021-22 as per Proposed tariffs (Crs.)	Impact	FY 2021-22 as per present tariffs (Crs.)	FY 2021-22 as per Proposed tariffs (Crs.)	Impact	
Domestic	2171.48	2214.15	42.67	11.46	10.16	-1.30	41.36
Commerical & Others	953.81	948.02	-5.80	391.12	391.12	0.00	-5.80
Industry	470.17	486.64	16.47	3580.55	3649.54	68.98	85.46
Institutional	577.21	577.21	0.00	631.28	631.28	0.00	0.00
Agriculture & Related	402.50	390.67	-11.83	1672.07	1618.72	-53.34	-65.17
Resco				46.44	397.12	350.69	350.69
Total	4575.18	4616.69	41.51	6332.91	6697.94	365.02	406.54

Proposed Tariffs - FY 2021-22				
LT Power Supply				
Category	Group	SubCategory	Fixed Charges (Rs/KW/Month or Rs/KVA/Month)	Energy Charges (Rs/Unit)
LT Cat-I : Domestic	A	0-50		1.45
LT Cat-I : Domestic	A	51-75		2.60
LT Cat-I : Domestic	B	0-100		2.60
LT Cat-I : Domestic	B	101-201		3.60
LT Cat-I : Domestic	B	201-225		6.90
LT Cat-I : Domestic	C	0-50		2.65
LT Cat-I : Domestic	C	51-100		3.35
LT Cat-I : Domestic	C	101-200		5.40
LT Cat-I : Domestic	C	201-300		7.10
LT Cat-I : Domestic	C	301-400		7.95
LT Cat-I : Domestic	C	401-500		8.50
LT Cat-I : Domestic	C	>500		9.95
LT Cat-II : Commercial & Others	A (i)	Minor	55	5.40
LT Cat-II : Commercial & Others	A (ii)	0-50		6.90
LT Cat-II : Commercial & Others	A (ii)	51-100		7.65
LT Cat-II : Commercial & Others	A (ii)	101-300	75	9.05
LT Cat-II : Commercial & Others	A (ii)	301-500		9.60
LT Cat-II : Commercial & Others	A (ii)	>500		10.15
LT Cat-II : Commercial & Others	A (iii)	Advertising Hoardings	100	12.25
LT Cat-II : Commercial & Others	A (iv)	Function Halls/Auditoriums	Deleted	12.25
LT Cat-II : Commercial & Others	B	Start up power		12.25
LT Cat-II : Commercial & Others	C	Electric Vehicles (Evs) / Charging stations		6.70
LT Cat-II : Commercial & Others	D	Green Power		12.25
LT Cat-III : Industry	A	Industry(General)	75	6.70
LT Cat-III : Industry	B	Seasonal Industries (off season)	75	7.45
LT Cat-III : Industry	D	Cottage Industries upto 10HP	20	3.75
LT Cat-IV : Institutional	A	Utilities	75	7.00
LT Cat-IV : Institutional	B	General Purpose	75	7.00
LT Cat-IV : Institutional	C (i)	Religious Places <= 2kW	30	4.80
LT Cat-IV : Institutional	C (ii)	Religious Places > 2kW	30	5.00
LT Cat-V : Agricultural & Related	A (i)	Corporate Farmers & IT Assesses	200/HP/Month	0.00
LT Cat-V : Agricultural & Related	A (ii)	Non-Corporate Farmers	0	0.00
LT Cat-V : Agricultural & Related	A (iii)	Salt farming units with Connected Load upto 15HP	0	2.50
LT Cat-V : Agricultural & Related	A (iv)	Sugarcane crushing	0	0.00
LT Cat-V : Agricultural & Related	A (v)	Rural Horticulture Nurseries	0	0.00
LT Cat-V : Agricultural & Related	A (vi)	Floriculture in Green House	75	4.50
LT Cat-V : Agricultural & Related	B	Aquaculture and Animal Husbandry	30	3.85
LT Cat-V : Agricultural & Related	C (i)	Poultry Hatcheries and Poultry Feed Mixing Plants		Merged with Industrial General
LT Cat-V : Agricultural & Related	C (ii)	Aqua Hatcheries and Aqua feed mixing plants		Merged with Industrial General
LT Cat-V : Agricultural & Related	D	Agro Based Cottage Industries upto 10HP	20	3.75
LT Cat-V : Agricultural & Related	E	Government/Private Lift Irrigation Schemes	0	0.00

HT Power Supply						
Category	Group	Sub Category	Fixed Charges (Rs/KW/Month or Rs/KVA/Month)	Energy Charges (Rs/Unit)		
				11 kV	33 kV	EHT
HT Cat-I: Domestic		Townships, Colonies, Gated Communities and Villas	75	5.95	5.95	5.95
HT Cat-II : Commercial & Others	A (ii)	Major	475	7.65	6.95	6.70
HT Cat-II : Commercial & Others	A (ii)	Commercial, ToD		8.65	7.95	7.70
HT Cat-II : Commercial & Others	A (iv)	Function Halls/Auditoriums	0	12.25	12.25	12.25
HT Cat-II : Commercial & Others	B	Start up power	0	12.25	12.25	12.25
HT Cat-II : Commercial & Others	C	Electric Vehicles (Evs) / Charging stations	0	6.70	6.70	6.70
HT Cat-II : Commercial & Others	D	Green Power	0	12.25	12.25	12.25
HT Cat-III : Industry	A	Industrial General	475	6.30	5.85	5.40
HT Cat-III : Industry	A	Industry, ToD Peak (6:00-10:00 to 4:00-8:00)		7.30	6.85	6.40
HT Cat-III : Industry	A	Industry, ToD Off Peak (10:00 P:M to 4:00 A:M)		5.30	4.85	4.40
HT Cat-III : Industry	A	Industrial colonies	0	7.00	7.00	7.00
HT Cat-III : Industry	B	Seasonal Industries	475	7.65	6.95	6.70
HT Cat-III : Industry	C	Energy Intensive Industries	0	5.80	5.35	4.95
HT Cat-IV : Institutional	A	Composite Protected Water Supply Schemes	475	7.65	6.95	6.70
HT Cat-IV : Institutional	B	General Purpose	475	7.95	7.25	7.00
HT Cat-IV : Institutional	C (ii)	Religious Places	30	5.00	5.00	5.00
HT Cat-IV : Institutional	D	Railway Traction	350	5.50	5.50	5.50
HT Cat-V : Agricultural & Related	B	Aquaculture and Animal Husbandry	30	3.85	3.85	3.85
HT Cat-V : Agricultural & Related	C (i)	Poultry Hatcheries and Poultry Feed Mixing Plants	Merged with Industrial General			
HT Cat-V : Agricultural & Related	C (ii)	Aqua Hatcheries & Aqua Feed mixing plants				
HT Cat-V : Agricultural & Related	E	Government / Private Lift Irrigation	0.00	7.15	7.15	7.15
Sales to RESCOs		RESCO's	0.00	7.15	7.15	7.15

14 Revenue Gap

The estimated revenue gap with proposed tariffs for the licensee for FY 2021-22 is as follows:

S.No.	Particulars	FY 2021-22
A	Aggregate Revenue Requirement	17768.00
B	Revenue from Current Tariffs (Net of incentives) (Rs. Crs.)	10908.09
C	Revenue changed through proposed tariff	406.54
D	Revenue from Cross Subsidy Surcharge	123.19
E	Revenue from Additional Surcharge	0.00
F	Revenue from REC	304.30
G = (B+C+D+E+F)	Total Revenue	11742.11
H = G-A	Revenue (Deficit) / Surplus (Rs. Crs.)	-6025.89

15 Determination of Cross Subsidy Surcharge for FY 2021-22

The licensee has calculated the cross subsidy surcharge based on the formula specified in the revised National Tariff Policy issued on 28.01.16.

As per the said Tariff Policy, the surcharge is to be computed as per the following formula;

$$S = T - [C / (1 - L / 100) + D + R]$$

Where,

‘S’ in Rs./unit is the Cross Subsidy Surcharge ,

‘T’ is the tariff payable by the relevant category of consumers in Rs./unit, including reflecting the Renewable Purchase Obligation,

‘C’ is the per unit weighted average cost of power purchase by the Licensee, including meeting the Renewable Purchase Obligation in Rs./unit ,

‘D’ is the aggregate of transmission, distribution and wheeling charge applicable to the relevant voltage level in Rs./unit and ‘L’ in percentage is the aggregate of transmission, distribution and commercial losses, applicable to the relevant voltage level and

‘R’ is the cost of carrying regulatory assets in Rs. /unit.

Provided that the surcharge shall not exceed 20% of the tariff applicable to the category of the consumers seeking open access.

Computation of CSS

For the computation of CSS;

T – is the average revenue realization excluding NTI, customer charges, minimum charges, DPS

C – Weighted average Cost of Power purchase (As per Tariff filing)

D – Calculated from the MYT orders of Transmission and Distribution

L – As per Tariff filing

R – Considered as zero

The category-wise CSS computation for APSPDCL is as follows :

Category			Average Revenue Realization (Only Demand & Energy Charges)	Per Unit Cost of Power Purchase	Wheeling Charges	Applicable Loss	Cost of Regulatory Asset	CSS (Rs./Unit)	20 % of Average Revenue Realization	Applicable CSS (Rs./Unit)
11 KV										
I	B	Townships & Colonies	8.13	4.45	1.34	9.71%	0	1.87	1.63	1.63
II	A	Commercial & Others	11.63	4.45	1.34	9.71%	0	5.36	2.33	2.33
II	iv	Function Halls/Auditoriums	12.25	4.45	1.34	9.71%	0	5.99	2.45	2.45
II	B	Start up power	12.25	4.45	1.34	9.71%	0	5.99	2.45	2.45
II	D	Green Power	12.25	4.45	1.34	9.71%	0	5.99	2.45	2.45
III	A	Industrial General	8.35	4.45	1.34	9.71%	0	2.09	1.67	1.67
III	B	Seasonal Industries	16.68	4.45	1.34	9.71%	0	10.42	3.34	3.34
III	C	Energy Intensive	5.80	4.45	1.34	9.71%	0	0.00	1.16	0.00
IV	A	CPWS	9.98	4.45	1.34	9.71%	0	3.71	2.00	2.00
IV	B	General Purpose	11.43	4.45	1.34	9.71%	0	5.17	2.29	2.29
IV	C	Religious Places	5.27	4.45	1.34	9.71%	0	0.00	1.05	0.00
V	B	Aqua and Animal Husbandry	4.01	4.45	1.34	9.71%	0	0.00	0.80	0.00
V	E	Govt./ Pvt. Lift Irrigation	7.15	4.45	1.34	9.71%	0	0.89	1.43	0.89
33 KV										
I	B	Townships & Colonies	6.25	4.45	0.67	6.58%	0	0.82	1.25	0.82
II	A	Commercial & Others	11.99	4.45	0.67	6.58%	0	6.56	2.40	2.40
II	iv	Function Halls/Auditoriums	0.00	4.45	0.67	6.58%	0	0.00	0.00	0.00
II	B	Start up power	12.25	4.45	0.67	6.58%	0	6.82	2.45	2.45
II	D	Green Power	12.25	4.45	0.67	6.58%	0	6.82	2.45	2.45
III	A	Industrial General	7.44	4.45	0.67	6.58%	0	2.01	1.49	1.49
III	B	Seasonal Industries	0.00	4.45	0.67	6.58%	0	0.00	0.00	0.00
III	C	Energy Intensive	5.35	4.45	0.67	6.58%	0	0.00	1.07	0.00
IV	A	CPWS	8.71	4.45	0.67	6.58%	0	3.27	1.74	1.74
IV	B	General Purpose	11.03	4.45	0.67	6.58%	0	5.60	2.21	2.21
IV	C	Religious Places	5.14	4.45	0.67	6.58%	0	0.00	1.03	0.00
V	B	Aqua and Animal Husbandry	0.00	4.45	0.67	6.58%	0	0.00	0.00	0.00
V	E	Govt./ Pvt. Lift Irrigation	7.15	4.45	0.67	6.58%	0	1.72	1.43	1.43
132 KV										
I	B	Townships & Colonies	0.00	4.45	0.57	3.46%	0	0.00	0.00	0.00
II	A	Commercial & Others	9.09	4.45	0.57	3.46%	0	3.91	1.82	1.82
II	iv	Function Halls/Auditoriums	0.00	4.45	0.57	3.46%	0	0.00	0.00	0.00
II	B	Start up power	12.25	4.45	0.57	3.46%	0	7.07	2.45	2.45
II	D	Green Power	0.00	4.45	0.57	3.46%	0	0.00	0.00	0.00
III	A	Industrial General	7.73	4.45	0.57	3.46%	0	2.55	1.55	1.55
III	B	Seasonal Industries	0.00	4.45	0.57	3.46%	0	0.00	0.00	0.00
III	C	Energy Intensive	4.95	4.45	0.57	3.46%	0	0.00	0.99	0.00
IV	A	CPWS	0.00	4.45	0.57	3.46%	0	0.00	0.00	0.00
IV	B	General Purpose	0.00	4.45	0.57	3.46%	0	0.00	0.00	0.00
IV	C	Religious Places	0.00	4.45	0.57	3.46%	0	0.00	0.00	0.00
IV	D	Railway Traction	8.45	4.45	0.57	3.46%	0	3.27	1.69	1.69
V	B	Aqua and Animal Husbandry	0.00	4.45	0.57	3.46%	0	0.00	0.00	0.00
V	E	Govt./ Pvt. Lift Irrigation	7.15	4.45	0.57	3.46%	0	1.97	1.43	1.43

16 Additional Surcharge

The licensee will attempt to make supplemental submissions for determination of additional surcharge at a later date.

17 Prayer

Based on the information available, the Applicant has made sincere efforts to comply with the Regulation of the Honourable 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 shall file such additional information and consequently amend/ revise the application.

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

- a. Take the accompanying ARR, Tariff Proposal, provisional true-up for FY 2020-21 and Cross Subsidy Surcharge Application of APSPDCL on record and treat it as complete;
- b. Grant suitable opportunity to APSPDCL within a reasonable time frame to file additional material information that may be subsequently available;
- c. Consider and approve APSPDCL's ARR and Tariff application including all requested regulatory treatments in the filing;
- d. Pass such order as the Honourable Commission may deem fit and proper in the facts and circumstances of the case.

Company Name	APSPDCL
Filing Date (dd/mm/yy)	02-12-2020
Multi Year Tariff Period	FY 2020-24
Year	FY2021-22
Commission' s Regulations	Reg-4/2005
Business type	Retail Supply of Electricity

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

Notes:

1)	2018-19	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)	Filings 2021-22, Licensees shall provide Full projections for FY2021-22 Estimates for FY2020-21 based on actuals for first half of the year																
3)	Regulated Business: The retail supply of electricity to (i) consumers within the area of supply of the licensee and not eligible to avail Open Access as per Commission's Regulations (ii) consumers within the area of supply of the licensee and eligible to avail Open Access but not exercising their option of availing open access.																
	Non-regulated Business: The retail supply of electricity to consumers availing supply under open access from the licensee either forming the part of area of supply of the licensee or outside the area of supply of the licensee.																
4)	Direct Non-Tariff Income: Non-Tariff income which is directly identifiable with a consumer category.																
	Apportioned Non-Tariff Income: Non-Tariff income which is not directly identifiable with a consumer category. It shall be appropriately apportioned across various consumer categories.																
5)	New Categories The Licensees shall add the proposed categories in Form A, the new categories would be then updated automatically in other forms The new categories are segregated voltage-wise in Form A																
6)	Modification/addition of Slabs/sub categories for LT consumers should be carried out in Form 7 for Current Tariff and Form 12 for Proposed Tariff. See notes in the relevant form for details																
7)	Phasing of Open Access as per Regulation 2 of 2005 of APERC Eligibility Criteria for Open Access																
	<table border="1"> <thead> <tr> <th>Phase</th> <th>Eligibility criteria</th> <th>Commencement date</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Consumers availing of power from NCE developers irrespective of the quantum of contracted capacity</td> <td>September, 2005</td> </tr> <tr> <td>2</td> <td>Contracted capacity being greater than 5 MW</td> <td>September, 2005</td> </tr> <tr> <td>3</td> <td>Contracted capacity being greater than 2 MW</td> <td>September, 2006</td> </tr> <tr> <td>4</td> <td>Contracted capacity being greater than 1 MW</td> <td>April, 2008</td> </tr> </tbody> </table>		Phase	Eligibility criteria	Commencement date	1	Consumers availing of power from NCE developers irrespective of the quantum of contracted capacity	September, 2005	2	Contracted capacity being greater than 5 MW	September, 2005	3	Contracted capacity being greater than 2 MW	September, 2006	4	Contracted capacity being greater than 1 MW	April, 2008
Phase	Eligibility criteria	Commencement date															
1	Consumers availing of power from NCE developers irrespective of the quantum of contracted capacity	September, 2005															
2	Contracted capacity being greater than 5 MW	September, 2005															
3	Contracted capacity being greater than 2 MW	September, 2006															
4	Contracted capacity being greater than 1 MW	April, 2008															
8)	Terminology for Open Access Status																
	<table border="1"> <tbody> <tr> <td>1</td> <td>Load not eligible for Open Access</td> <td>Load within the area of supply of the licensees not satisfying the eligibility criteria to avail open access as per Commission's Regulation during the time period under consideration.</td> </tr> <tr> <td>2</td> <td>Load Eligible for Open Access</td> <td>Load within the area of supply of the licensees and satisfying the eligibility criteria to avail open access as per Commission's Regulation during the period under consideration whether availing power through Open Access or not.</td> </tr> <tr> <td>3</td> <td>Availed (within area of supply)</td> <td>Load within the area of supply of the Licensee and availing power through Open Access whether from the same Licensee or any other supplier.</td> </tr> <tr> <td>4</td> <td>Availed (Outside Area of supply)</td> <td>Load outside the area of supply of the Licensee but availing power through Open Access from the Licensee under consideration.</td> </tr> </tbody> </table>		1	Load not eligible for Open Access	Load within the area of supply of the licensees not satisfying the eligibility criteria to avail open access as per Commission's Regulation during the time period under consideration.	2	Load Eligible for Open Access	Load within the area of supply of the licensees and satisfying the eligibility criteria to avail open access as per Commission's Regulation during the period under consideration whether availing power through Open Access or not.	3	Availed (within area of supply)	Load within the area of supply of the Licensee and availing power through Open Access whether from the same Licensee or any other supplier.	4	Availed (Outside Area of supply)	Load outside the area of supply of the Licensee but availing power through Open Access from the Licensee under consideration.			
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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				
			2019-20	2020-21	2021-22	2022-23	2023-24
1	Transmission Cost	Form 1.1	1,041.31	827.24	992.72	0.00	0.00
2	SLDC Cost	Form 1.2	35.10	40.65	43.44	0.00	0.00
3	Distribution Cost	Form 1.3	3,621.91	2,649.06	3,157.53	0.00	0.00
4	Additional Interest on Pension bonds of APGenco Order			461.34	497.36		
5	PGCIL Expenses		1,026.14	520.21	599.58		
6	ULDC Charges		10.17	3.59	6.00		
7	Network and SLDC Cost (1+2+3+4+5+6)		5,734.64	4,502.10	5,296.62	0.00	0.00
8	Power Purchase / Procurement Cost	Form 1.4	17,513.33	11,165.64	12,187.57	0.00	0.00
9	Interest on Consumer Security Deposits	Form 1.5	161.24	94.88	96.96	0.00	0.00
10	Supply Margin in Retail Supply Business	Form 1.6	28.31	23.15	30.78	0.00	0.00
11	Other Costs, if any	Form 1.7	76.43	38.26	156.07	0.00	0.00
12	Supply Cost (7+8+9+10+11)		17,779.31	11,321.94	12,471.38	0.00	0.00
13	Aggregate Revenue Requirement (7+12)		23,513.95	15,824.04	17,768.00	0.00	0.00

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

2018-19												
(A) Long Term and Firm Contracts												
Name of Transmission service provider	Load not eligible for Open Access			Open Access								
				Load Eligible for Open Access			Availed (within area of supply)			Availed (Outside Area of supply)		
	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)
APTRANSCO	5354.46	94.44	606.81	2862.19	94.44	324.37						
<i>Truedown</i>	0.00	0.00	-155.95	0.00	0.00	0.00						
Total	5354.46		450.86	2862.19		324.37	0.00		0.00	0.00		0.00
(B) Short Term and Temporary Contracts												
Name of Transmission service provider	Load not eligible for Open Access			Open Access								
				Load Eligible for Open Access			Availed (within area of supply)			Availed (Outside Area of supply)		
	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)
APTRANSCO												
Total	0.00		0.00	0.00		0.00	0.00		0.00	0.00		0.00
Total Long term + Short term Contracts ((A) + (B))	5354.46		450.86	2862.19		324.37	0.00		0.00	0.00		0.00

2019-20 Year 1												
(A) Long Term and Firm Contracts												
Name of Transmission service provider	Load not eligible for Open Access			Open Access								
				Load Eligible for Open Access			Availed (within area of supply)			Availed (Outside Area of supply)		
	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)
APTRANSCO	4021.97	119.28	575.69	3253.03	119.28	465.63						
Total	4021.97		575.69	3253.03		465.63	0.00		0.00	0.00		0.00
(B) Short Term and Temporary Contracts												
Name of Transmission service provider	Load not eligible for Open Access			Open Access								
				Load Eligible for Open Access			Availed (within area of supply)			Availed (Outside Area of supply)		
	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)
APTRANSCO												
Total	0.00		0.00	0.00		0.00	0.00		0.00	0.00		0.00
Total Long term + Short term Contracts ((A) + (B))	4021.97		575.69	3253.03		465.63	0.00		0.00	0.00		0.00

2020-21		Year 2										
(A) Long Term and Firm Contracts												
Name of Transmission service provider	Load not eligible for Open Access			Load Eligible for Open Access			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.)
APTRANSCO	2421.52	138.88	403.56	2542.22	138.88	423.68						
Total	2421.52		403.56	2542.22		423.68	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			Load Eligible for Open Access			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.)
APTRANSCO												
Total	0.00		0.00	0.00		0.00	0.00			0.00	0.00	0.00
Total Long term + Short term Contracts ((A) + (B))	2421.52		403.56	2542.22		423.68	0.00			0.00	0.00	0.00

2021-22		Year 3										
(A) Long Term and Firm Contracts												
Name of Transmission service provider	Load not eligible for Open Access			Load Eligible for Open Access			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.)
APTRANSCO	2683.74	154.54	497.69	2669.33	154.54	495.02						
Total	2683.74		497.69	2669.33		495.02	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			Load Eligible for Open Access			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.)
APTRANSCO												
Total	0.00		0.00	0.00		0.00	0.00			0.00	0.00	0.00
Total Long term + Short term Contracts ((A) + (B))	2683.74		497.69	2669.33		495.02	0.00			0.00	0.00	0.00

	Annual Fee			Charges			Total Cost (Rs. Crs.)
	MW	Tariff (Rs./MW/year)	Cost (Rs. Crs.)	MW	Tariff (Rs./MW/ month)	Cost (Rs. Crs.)	
Load not eligible for Open Access	5354.46	4214.27	2.26	5354.46	2342.73	15.05	17.31
Open Access							
Load Eligible for Open Access	2862.19	4214.27	1.21	2862.19	2342.73	8.05	9.25
Availed (within area of supply)			0.00			0.00	0.00
Availed (Outside Area of supply)			0.00			0.00	0.00

2019-20

	Annual Fee			Charges			Total Cost (Rs. Crs.)
	MW	Tariff (Rs./MW/year)	Cost (Rs. Crs.)	MW	Tariff (Rs./MW/ month)	Cost (Rs. Crs.)	
Load not eligible for Open Access	9430.90	1917.48	1.81	9430.90	2146.34	24.29	26.10
Open Access							
Load Eligible for Open Access	3253.03	1917.48	0.62	3253.03	2146.34	8.38	9.00
Availed (within area of supply)			0.00			0.00	0.00
Availed (Outside Area of supply)			0.00			0.00	0.00

2020-21

	Annual Fee			Charges			Total Cost (Rs. Crs.)
	MW	Tariff (Rs./MW/year)	Cost (Rs. Crs.)	MW	Tariff (Rs./MW/ month)	Cost (Rs. Crs.)	
Load not eligible for Open Access	12221.78	2838.01	3.47	12221.78	2058.18	30.19	33.65
Open Access							
Load Eligible for Open Access	2542.22	2838.01	0.72	2542.22	2058.18	6.28	7.00
Availed (within area of supply)			0.00			0.00	0.00
Availed (Outside Area of supply)			0.00			0.00	0.00

2021-22

	Annual Fee			Charges			Total Cost (Rs. Crs.)
	MW	Tariff (Rs./MW/year)	Cost (Rs. Crs.)	MW	Tariff (Rs./MW/ month)	Cost (Rs. Crs.)	
Load not eligible for Open Access	12398.67	3792.02	4.70	12398.67	2086.32	31.04	35.74
Open Access							
Load Eligible for Open Access	2669.33	3792.02	1.01	2669.33	2086.32	6.68	7.70
Availed (within area of supply)			0.00			0.00	0.00
Availed (Outside Area of supply)			0.00			0.00	0.00

2018-19

(A) Long Term and Firm Contracts

Name of Distribution service provider	Load not eligible for Open Access			Open Access								
				Load Eligible for Open Access			Avalied (within area of supply)			Avalied (Outside Area of supply)		
	MW	Tariff (Rs./kW/m onth)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/mont h)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/m onth)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/m onth)	Cost (Rs. Crs.)
SPDCL (33 KV)				1024.68	15.17	19.63						
SPDCL (11 KV)				87.40	240.68	26.57						
SPDCL LT												
Total (Non Eligible OA Cost)	7104.58		2873.46									
Total	7104.58		2873.46	1112.08		46.21	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								
				Load Eligible for Open Access			Avalied (within area of supply)			Avalied (Outside Area of supply)		
	MW	Tariff (Rs./kW/m onth)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/mont h)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/m onth)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/m onth)	Cost (Rs. Crs.)
Total	0.00		0.00	0.00		0.00	0.00		0.00	0.00		0.00
Total Long term + Short term Contracts ((A) + (B))	7104.58		2873.46	1112.08		46.21	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								
				Load Eligible for Open Access			Avalied (within area of supply)			Avalied (Outside Area of supply)		
	MW	Tariff (Rs./kW/m onth)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/mont h)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/m onth)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/m onth)	Cost (Rs. Crs.)
SPDCL (33 KV)	124.76	61.16	9.16	861.24	61.16	63.21						
SPDCL (11 KV)	1217.37	432.38	631.64	87.63	432.38	45.47						
SPDCL LT	3639.00	657.79	2872.44	0.00	657.79	0.00						
Total (Non Eligible OA Cost)												
Total	4981.14		3513.24	948.86		108.67	0.00		0.00	0.00		0.00

(B) Short Term and Temporary Contracts

Name of Distribution service provider	Load not eligible for Open Access			Open Access								
				Load Eligible for Open Access			Avalied (within area of supply)			Avalied (Outside Area of supply)		
	MW	Tariff (Rs./kW/m onth)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/mont h)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/m onth)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/m onth)	Cost (Rs. Crs.)
Total	0.00		0.00	0.00		0.00	0.00		0.00	0.00		0.00
Total Long term + Short term Contracts ((A) + (B))	4981.14		3513.24	948.86		108.67	0.00		0.00	0.00		0.00

2020-21

(A) Long Term and Firm Contracts

Name of Distribution service provider	Load not eligible for Open Access			Open Access								
				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.)
SPDCL (33 KV)	81.80	64.11	6.29	553.55	64.11	42.59						
SPDCL (11 KV)	787.84	447.58	423.15	78.95	447.58	42.40						
SPDCL LT	2632.08	675.84	2134.63	0.00	675.84	0.00						
Total (Non Eligible OA Cost)												
Total	3501.72		2564.07	632.50		84.99	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								
				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.)
Total	0.00		0.00	0.00		0.00	0.00		0.00	0.00		0.00
Total Long term + Short term Contracts ((A) + (B))	3501.72		2564.07	632.50		84.99	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								
				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.)
SPDCL (33 KV)	83.04	69.34	6.91	561.95	69.34	46.76						
SPDCL (11 KV)	824.66	478.38	473.40	82.64	478.38	47.44						
SPDCL LT	3000.66	717.35	2583.02	0.00	717.35	0.00						
Total (Non Eligible OA Cost)												
Total	3908.36		3063.33	644.58		94.20	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								
				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.)
Total	0.00		0.00	0.00		0.00	0.00		0.00	0.00		0.00
Total Long term + Short term Contracts ((A) + (B))	3908.36		3063.33	644.58		94.20	0.00		0.00	0.00		0.00

Form 1.4b Sales to Licensees

2018-19

S. No.	Discom Name	Details link	Quantity (MU)	Cost (Rs Crores)	Rate at which power is sold (Rs/kWh)	Amt received through sales (Rs crores)
1	State Discoms		0.00	0.00	0.00	0.00
	A SPDCL					
	B EPDCL					
	C CPDCL					
2	Other State licensees/Consumers		0.00	0.00	0.00	0.00
	A Bi-lateral Sales(PTC etc.)					
	B UI Sales					
	C Pool Transaction (Sales)					
Total			0.00	0.00		0.00

2019-20

S. No.	Discom Name	Details link	Quantity (MU)	Cost (Rs Crores)	Rate at which power is sold (Rs/kWh)	Amt received through sales (Rs crores)
1	State Discoms		0.00	0.00	0.00	0.00
	A SPDCL					
	B EPDCL					
	C CPDCL					
2	Other State licensees/Consumers		0.00	0.00	0.00	0.00
	A Bi-lateral Sales(PTC etc.)					
	B UI Sales					
	C Pool Transaction (Sales)					
Total			0.00	0.00		0.00

2020-21

S. No.	Discom Name	Details link	Quantity (MU)	Cost (Rs Crores)	Rate at which power is sold (Rs/kWh)	Amt received through sales (Rs crores)
1	State Discoms		-8219.49	-3679.47	0.00	0.00
	A SPDCL		-8219.49	-3679.47		
	B EPDCL					
	C CPDCL					
2	Other State licensees/Consumers		0.00	0.00	0.00	0.00
	A Bi-lateral Sales(PTC etc.)					
	B UI Sales					
	C Pool Transaction (Sales)					
Total			-8219.49	-3679.47		0.00

2021-22

S. No.	Discom Name	Details link	Quantity (MU)	Cost (Rs Crores)	Rate at which power is sold (Rs/kWh)	Amt received through sales (Rs crores)
1	State Discoms		-8440.81	-3729.28	0.00	0.00
	A SPDCL		-8440.81	-3729.28		
	B EPDCL					
	C CPDCL					
2	Other State licensees/Consumers		0.00	0.00	0.00	0.00
	A Bi-lateral Sales(PTC etc.)					
	B UI Sales					
	C Pool Transaction (Sales)					
Total			-8440.81	-3729.28		0.00

Form 1.4c Discom-Discom Purchases

Base year 2018-19

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

Year 1 2019-20

S. No.	Discom Name	Details link	Quantity (MU)	Cost (Rs Crores)	Rate (Rs/kWh)
1	SPDCL		-4854.88	-2058.47	4.24
2	EPDCL				0.00
3	CPDCL				0.00
4					0.00
5					0.00
6					0.00
Total			-4854.88	-2058.47	4.24

Year 2 2020-21

S. No.	Discom Name	Details link	Quantity (MU)	Cost (Rs Crores)	Rate (Rs/kWh)
1	SPDCL		-8219.49	-3605.56	4.39
2	EPDCL				0.00
3	CPDCL				0.00
4					0.00
5					0.00
6					0.00
Total			-8219.49	-3605.56	4.39

Year 3 2021-22

S. No.	Discom Name	Details link	Quantity (MU)	Cost (Rs Crores)	Rate (Rs/kWh)
1	SPDCL		-8440.81	-3707.53	4.39
2	EPDCL				0.00
3	CPDCL				0.00
4					0.00
5					0.00
6					0.00
Total			-8440.81	-3707.53	4.39

Form 1.5 Interest on Consumer Security Deposits

Amount (In Rs crores)

Revenue Requirement Item (Rs. Crs.)		Details link	For Control Period					
			2018-19	2019-20	2020-21	2021-22	2022-23	2023-24
A	Opening Balance		2298.86	2558.84	1575.15	1608.86		
B	Additions during the Year		1544.28	573.29	200.02	214.02		
C	Deductions during the Year		1284.30	280.19	166.30	177.94		
D	Closing Balance		2558.84	2851.95	1608.86	1644.94	0.00	0.00
E	Average Balance ((A+D)/2)		2428.85	2705.39	1592.00	1626.90	0.00	0.00
F	Interest @ % p.a. #		6.20	5.96	5.96	5.96		
G	Interest Cost (E*F)		150.67	161.24	94.88	96.96	0.00	0.00

Form 1.6

Supply Margin

Particulars		Details link	Amount (In Rs crores)					
			For Control Period					
			2018-19	2019-20	2020-21	2021-22	2022-23	2023-24
A	Supply Margin Amount		13.05	28.31	23.15	30.78		

Form 1.7

Other Costs

Amount (In Rs crores)

S.No.	Particulars	Details link	For Control Period				
			2019-20	2020-21	2021-22	2022-23	2023-24
1	Agricultural Solar Pumpsets		38.01	13.62	12.94		
2	Energy Efficient Pump Sets		25.57	16.40	21.73		
3	DELP		0.00	0.00	0.00		
4	Safety Expenses		0.00	0.00	0.00		
5	Energy Efficient Grants		2.00	1.27	1.27		
6	Compensation for victims of electrical accidents		10.84	6.98	6.98		
7	True-up of Solar pumpsets cost		0.00	0.00	83.45		
8	Financial impact on account of extension of time line for payment of C.C.Bills due to Covid19		0.00	0.00	2.72		
9	SLDC Differential Cost for FY 2020-21				26.98		
	Total		76.43	38.26	156.07	0.00	0.00

Form 2

Cost of Service: Embedded Cost Method

Cost of Service:

Consumer Categories	Detail Links	2021-22		
		Total Cost Allocation (Rs.Crs)	Sales (MU)	CoS (Rs/unit)
LT Category		12144.61	16122.84	7.53
HT Category at 11 KV		1546.30	2152.71	7.18
HT Category at 33 KV		1499.34	2159.68	6.94
HT Category at 132 KV		2577.76	3837.00	6.72
Average		17768.00	24272.22	7.32

Form 3
Base Year
2018-19

Sales / Forecast Sales (MU)	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total
LT Category	2055.47	2031.70	1892.31	1884.96	2004.58	1965.68	2081.94	1911.58	1758.29	1811.48	1838.78	2380.30	23617.08
Category I (A&B) - Domestic	725.43	844.46	875.17	723.41	765.77	761.95	777.42	753.06	662.80	577.24	569.55	636.56	8672.82
Category II (A,B & C) - Non-domestic/Commercial	158.34	178.19	179.78	159.44	163.20	165.56	160.09	161.78	149.77	148.12	134.28	148.80	1907.34
Category III (A & B) - Industrial	211.45	199.03	201.78	184.29	174.91	175.06	178.78	201.26	195.03	196.60	193.63	191.55	2303.37
Category IV (A,B & C) - Cottage Industries & Dhobighats	3.72	3.76	3.81	3.61	3.87	3.94	3.42	3.83	3.65	4.12	3.57	2.99	44.29
Category V (A, B & C) - Irrigation and Agriculture	886.30	736.95	563.15	748.75	828.43	786.14	892.22	716.81	672.20	810.12	863.14	1328.28	9832.49
Category VI (A & B) - Local Bodies, St. Lighting & PWS	60.02	60.42	60.22	56.97	58.61	62.92	60.11	65.64	64.84	66.18	66.89	62.82	745.64
Category VII (A & B) - General Purpose	10.15	8.77	8.13	8.42	9.74	10.04	9.74	9.06	9.88	9.02	7.58	9.29	109.81
Category VIII (A & B) -Temporary Supply	0.07	0.12	0.28	0.07	0.06	0.07	0.17	0.13	0.12	0.08	0.15	0.01	1.32
HT Category at 11 KV	234.97	220.95	215.01	222.00	217.72	214.30	237.40	224.48	227.14	221.97	217.22	276.63	2729.79
HT I (A): General	40.48	39.37	36.45	37.93	35.62	36.12	40.56	38.63	42.17	37.89	37.51	49.13	471.87
Lights and Fans	6.33	2.69	2.50	2.43	0.62	0.66	1.60	1.53	1.52	5.42	4.45	5.27	35.00
Industrial Colonies	0.11	0.08	0.07	0.13	0.13	0.13	0.15	0.23	0.17	0.13	0.15	0.23	1.71
Seasonal Industries	0.32	0.45	0.23	0.15	0.18	0.43	0.80	0.33	0.26	0.28	0.20	0.35	3.96
Time of Day Tariffs Peak (6 AM to 10 AM & 6 PM to 10 PM)	35.86	37.91	35.67	35.79	32.48	34.57	38.71	36.92	39.17	36.59	35.25	46.15	445.05
Time of Day Tariffs Off Peak (10 PM to 6 AM)	30.95	35.64	33.11	33.35	30.42	32.46	35.98	34.00	36.42	34.16	33.15	42.94	412.59
HT I (B): Energy Intensive Industries	0.18	0.21	0.20	0.21	0.19	0.19	0.20	0.20	0.20	0.15	0.14	0.19	2.26
HT I (C): Aquaculture and Animal Husbandry	3.35	3.59	2.87	2.50	2.58	2.90	3.36	4.41	2.26	1.85	1.76	3.08	34.52
HT I (D): Poultry Hatcheries abd Poultry Feed Mixing Plants	2.29	2.51	2.35	2.74	2.38	3.13	3.61	3.50	4.43	4.52	4.24	5.00	40.70
HT II: Others	44.52	45.32	45.13	43.17	42.84	42.11	41.42	39.95	36.79	34.35	37.34	48.55	501.49
Time of Day Tariffs Peak (6 AM to 10 AM & 6 PM to 10 PM)	11.10	11.27	11.15	10.86	11.24	10.85	11.18	10.66	10.33	9.75	10.47	12.51	131.38
HT II (B): Religious Places	0.51	0.60	0.56	0.52	0.51	0.48	0.51	0.46	0.45	0.38	0.44	0.57	5.98
HT II (C): Function Halls/Auditoriums	0.99	0.72	0.75	0.53	1.12	0.54	0.64	0.51	0.81	0.41	0.98	0.91	8.90
HT II (E): Electric Vehicles (Evs) / Charging stations	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Time of Day Tariffs Peak (6 AM to 10 AM & 6 PM to 10 PM)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Time of Day Tariffs Off Peak (10 PM to 6 AM)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HT II (F) : Start up power	0.02	0.02	0.01	0.01	0.01	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.21
HT III: Public Infrastructure and Tourism	3.56	3.83	3.38	3.11	2.79	2.96	2.44	2.58	2.34	1.85	2.06	3.17	34.08
Time of Day Tariffs (6 PM to 10 PM)	0.79	0.85	0.76	0.70	0.66	0.72	0.57	0.63	0.59	0.46	0.49	0.73	7.96
HT IV Government LIS	2.30	0.71	0.95	1.70	3.26	5.53	9.60	10.72	7.99	6.84	3.84	2.77	56.22
HT IV Private Irrigation and Agriculture	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HT IV CPWS	4.31	3.89	3.91	3.65	3.97	3.92	4.31	4.22	4.36	4.11	3.68	3.96	48.29
HT VI: Townships & Residential Colonies	2.02	2.29	2.10	1.96	1.87	1.90	1.87	1.67	1.59	1.61	1.69	2.11	22.66
HT VII: Green Power	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.02
HT VIII: Temporary	0.23	0.23	0.22	0.23	0.23	0.22	0.24	0.19	0.16	0.13	0.13	0.12	2.33
Category: RESCOs	44.78	28.77	32.61	40.34	44.63	34.46	39.63	33.12	35.10	41.06	39.23	48.85	462.59
HT Category at 33 KV	291.24	312.05	287.75	288.23	286.76	310.64	353.15	326.87	331.45	305.89	293.06	368.22	3755.32
HT I (A): General	98.11	88.15	78.12	77.24	78.05	81.61	91.87	85.87	89.73	83.21	81.46	100.72	1034.14
Lights and Fans	2.79	2.60	2.45	3.06	2.56	2.71	2.87	2.74	1.99	1.95	2.06	2.86	30.64
Industrial Colonies	0.98	1.05	0.91	0.95	0.82	1.23	1.01	0.86	0.73	0.62	0.71	0.97	10.83
Seasonal Industries	0.01	0.00	0.02	0.17	0.12	0.12	0.29	0.02	0.02	0.09	0.00	0.00	0.86
Time of Day Tariffs Peak (6 AM to 10 AM & 6 PM to 10 PM)	75.36	86.74	80.78	82.31	79.42	83.43	95.29	88.32	89.94	84.53	81.80	102.69	1030.61
Time of Day Tariffs Off Peak (10 PM to 6 AM)	71.29	86.10	78.85	81.30	77.77	82.49	93.49	87.46	89.12	83.02	79.67	100.07	1010.64

Sales / Forecast Sales (MU)	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total
HT I (B): Energy Intensive Industries	21.41	21.86	19.85	18.84	18.61	21.26	24.60	22.77	21.92	19.83	17.97	23.39	252.30
HT I (C) : Aquaculture and Animal Husbandry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HT I (D) : Poultry Hatcheries and Poultry Feed Mixing Plants	0.92	4.63	5.74	5.90	5.91	6.76	7.67	6.84	5.99	6.08	6.21	8.17	70.83
HT II: Others	6.79	6.26	8.53	7.10	6.92	6.56	6.74	6.70	6.52	6.48	6.73	8.18	83.51
Time of Day Tariffs (6 PM to 10 PM)	2.13	2.10	2.24	1.92	1.87	2.20	2.17	2.04	2.14	2.17	2.22	2.70	25.89
HT II (B): Religious Places	3.16	3.86	2.15	0.91	0.83	2.55	2.62	2.29	2.56	2.70	2.42	2.96	29.01
HT II (C) : Function Halls / Auditoriums	0.02	0.02	0.02	0.02	0.02	0.01	0.02	0.00	0.00	0.00	0.00	0.00	0.11
HT II (E): Electric Vehicles (Evs) / Charging stations	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Time of Day Tariffs Peak (6 AM to 10 AM & 6 PM to 10 PM)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Time of Day Tariffs Off Peak (10 PM to 6 AM)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HT II (F) : Start up power	1.34	1.78	0.72	0.27	0.23	1.37	1.82	1.11	1.14	2.89	1.69	2.99	17.37
HT III: Public Infrastructure and Tourism	0.71	0.77	0.64	0.61	0.53	0.60	0.47	0.49	0.47	0.38	0.42	0.67	6.77
Time of Day Tariffs (6 PM to 10 PM)	0.20	0.22	0.18	0.18	0.15	0.17	0.13	0.14	0.13	0.10	0.11	0.17	1.87
HT IV Government LIS	1.11	0.51	0.68	2.26	8.35	12.17	17.39	14.25	12.40	6.48	4.44	6.28	86.31
HT IV Agriculture	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HT IV CPWS	4.59	5.01	5.47	4.90	4.34	5.09	4.39	4.66	6.38	5.12	4.89	5.03	59.86
HT VI: Townships & Residential Colonies	0.32	0.39	0.37	0.31	0.29	0.31	0.32	0.29	0.27	0.25	0.27	0.36	3.76
HT VII: Green 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
HT VIII: Temporary	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Category: RESCOs	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
													0.00
HT Category at 132 KV	317.81	327.92	287.92	325.38	442.08	452.72	528.45	471.53	462.02	405.42	381.52	383.95	4786.72
HT I (A): General	94.04	75.56	61.03	69.81	73.15	76.68	76.82	68.20	69.14	68.91	68.50	62.25	864.08
Lights and Fans	1.35	1.39	0.91	1.29	1.13	1.42	1.31	1.14	1.12	1.03	1.25	1.29	14.63
Industrial Colonies	1.25	1.36	1.19	1.08	1.02	1.10	1.13	0.99	0.93	0.82	0.88	1.20	12.95
Seasonal Industries	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Time of Day Tariffs Peak (6 AM to 10 AM & 6 PM to 10 PM)	63.37	73.00	68.70	72.63	66.96	71.63	77.24	71.13	73.34	74.14	65.57	62.68	840.39
Time of Day Tariffs Off Peak (10 PM to 6 AM)	68.10	82.28	73.58	77.91	71.49	76.01	83.69	74.99	78.34	78.48	69.95	65.87	900.70
HT I (B): Energy Intensive Industries	13.82	10.56	7.57	7.65	8.19	8.88	9.64	8.65	8.75	7.98	7.54	9.43	108.68
HT I (C) : Aquaculture and Animal Husbandry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HT I (D): Poultry and Hatcheries and Poultry Feed Mixing Plants	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HT II: Others	3.69	5.14	2.96	2.75	2.69	2.91	2.79	2.66	2.87	3.14	2.78	3.13	37.52
Time of Day Tariffs (6 PM to 10 PM)	0.68	1.04	0.65	0.68	0.63	0.66	0.63	0.64	0.67	0.76	0.63	0.74	8.41
HT II (B): Religious Places	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HT II (C) : Function Halls / Auditoriums	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HT II (E): Electric Vehicles (Evs) / Charging stations	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Time of Day Tariffs Peak (6 AM to 10 AM & 6 PM to 10 PM)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Time of Day Tariffs Off Peak (10 PM to 6 AM)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HT II (F) : Start up power	0.27	0.38	0.15	0.28	0.12	0.31	0.35	0.25	0.23	0.44	0.34	0.48	3.62
HT III: Public Infrastructure and Tourism	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Time of Day Tariffs (6 PM to 10 PM)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HT IV Government LIS	5.41	5.27	2.15	19.37	144.19	143.80	200.67	175.67	158.65	107.30	103.17	111.48	1177.12
HT IV Agriculture	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HT IV CPWS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HT V: Railway Traction	65.84	71.94	69.03	71.92	72.51	69.31	74.17	67.21	67.98	62.41	60.92	65.40	818.64
HT VI: Townships & Residential Colonies	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HT VII: Green 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
HT VIII: Temporary	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Category: RESCOs	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Grand Total (LT+HT)	2899.50	2892.63	2682.99	2720.57	2951.14	2943.34	3200.95	2934.46	2778.90	2744.76	2730.58	3409.09	34888.91

Sales / Forecast Sales (MU)	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total
Year-2													
2020-21													
Sales / Forecast Sales (MU)	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total
LT Category	1361.58	1496.85	1297.90	1007.54	1183.78	995.70	1196.45	1138.66	1158.15	1327.19	1367.85	1564.44	15096.09
Domestic	508.13	472.82	450.39	456.44	454.47	429.04	426.21	422.70	364.32	340.98	347.25	377.41	5050.17
Commerical & Others	66.03	59.86	66.26	61.38	61.60	63.50	61.00	61.93	58.05	55.73	54.14	55.16	724.63
Industry	22.98	34.23	40.47	40.08	51.96	38.06	40.01	40.81	42.28	44.06	44.93	42.47	482.34
Institutional	70.35	55.35	51.99	51.01	51.60	48.07	51.38	53.86	53.96	55.04	51.43	44.46	638.52
Agriculture & Related	694.08	874.60	688.78	398.63	564.14	417.02	617.85	559.37	639.54	831.37	870.10	1044.94	8200.44
HT Category	360.37	399.69	399.06	446.59	580.14	634.25	751.83	750.44	713.51	694.65	665.57	657.68	7053.79
HT Cat-I : Domestic													
(B): Townships, Colonies, Gated Communities and Villas	1.36	1.43	1.16	1.39	1.36	1.43	1.44	1.31	1.08	1.03	1.03	1.27	15.27
11 kV	1.17	1.19	0.97	1.19	1.20	1.27	1.11	1.02	0.77	0.74	0.69	0.87	12.20
33 kV	0.19	0.24	0.19	0.19	0.16	0.16	0.32	0.29	0.31	0.29	0.34	0.40	3.07
132 kV & Above	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HT Cat-II : Commercial & Others	20.95	24.38	23.45	21.12	19.61	22.34	24.84	23.70	21.29	22.06	21.26	29.22	274.22
Commercial	14.81	17.71	6.37	10.73	13.54	12.56	16.50	16.20	14.58	14.32	14.55	20.09	171.97
11 kV	11.89	14.51	5.47	9.28	11.54	10.72	13.44	13.28	11.89	11.71	12.09	16.73	142.55
33 kV	1.23	1.42	0.51	0.95	1.16	1.02	0.75	0.66	0.53	0.51	0.48	0.65	9.87
132 kV & Above	1.69	1.79	0.39	0.50	0.84	0.81	2.32	2.27	2.16	2.10	1.98	2.70	19.55
Commercial, ToD	2.80	3.37	16.40	8.63	5.03	8.08	4.58	4.51	4.21	4.21	4.21	5.29	71.31
11 kV	2.05	2.44	6.02	7.74	4.12	7.14	3.69	3.63	3.34	3.35	3.38	4.24	51.15
33 kV	0.22	0.28	1.60	0.19	0.22	0.24	0.28	0.26	0.24	0.23	0.23	0.30	4.29
132 kV & Above	0.53	0.66	8.77	0.70	0.68	0.69	0.61	0.62	0.63	0.63	0.60	0.75	15.87
(iv) Function Halls/Auditoriums	0.09	0.11	0.03	0.06	0.10	0.06	0.19	0.20	0.17	0.15	0.24	0.26	1.67
11 kV	0.09	0.11	0.03	0.06	0.10	0.06	0.19	0.20	0.17	0.15	0.24	0.26	1.67
33 kV	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
132 kV & Above	0.00	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): Start up power	3.24	3.19	0.64	1.70	0.93	1.64	3.54	2.77	2.29	3.37	2.25	3.51	29.07
11 kV	0.02	0.02	0.00	0.01	0.01	0.01	0.02	0.02	0.01	0.02	0.01	0.02	0.17
33 kV	2.71	2.63	0.51	1.38	0.63	1.32	2.91	2.30	1.89	2.89	1.86	2.99	24.03
132 kV & Above	0.50	0.54	0.13	0.31	0.29	0.31	0.61	0.45	0.39	0.46	0.38	0.50	4.87
(C): Electric Vehicles (Evs) / Charging stations	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11 kV	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
33 kV	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
132 kV & Above	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
(D): Green Power	0.01	0.00	0.01	0.00	0.01	0.01	0.02	0.01	0.04	0.02	0.01	0.07	0.21
11 kV	0.00	0.00	0.01	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.01	0.02	0.05
33 kV	0.01	0.00	0.00	0.00	0.01	0.00	0.02	0.01	0.04	0.02	0.00	0.05	0.16
132 kV & Above	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HT Cat-III : Industry	131.62	264.57	289.88	322.66	335.04	353.53	356.28	346.91	339.47	352.01	349.67	381.96	3823.58
(A): Industrial General	42.00	76.68	87.37	93.69	68.55	63.46	107.24	107.24	99.32	101.01	98.03	133.17	1077.75
11 kV	11.96	23.30	24.69	26.68	27.18	27.83	33.76	34.03	34.11	34.30	35.84	49.39	363.06
33 kV	14.01	22.58	32.13	33.45	29.06	30.63	42.86	42.45	37.43	39.25	36.59	51.65	412.08
132 kV & Above	16.04	30.80	30.54	33.57	12.30	5.00	30.62	30.76	27.78	27.45	25.61	32.13	302.61
Industry, ToD Peak ((6 AM to 10 AM & 6 PM to 10 PM)	40.80	80.29	88.77	100.42	115.28	118.93	103.91	100.86	103.76	106.11	105.81	98.16	1163.12
11 kV	9.13	17.67	18.77	20.60	21.00	22.07	25.71	26.13	26.90	27.86	28.87	32.23	276.96
33 kV	15.92	31.93	38.25	42.66	46.03	48.01	43.68	43.65	44.63	45.42	45.46	41.84	487.48
132 kV & Above	15.75	30.69	31.75	37.16	48.25	48.85	34.53	31.09	32.22	32.83	31.48	24.09	398.68

Sales / Forecast Sales (MU)	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total
Industry, ToD Off Peak (10 PM to 6 AM)	45.77	87.54	95.35	108.12	123.52	139.04	125.57	119.77	118.10	126.09	128.23	126.69	1343.76
11 kV	8.24	15.97	17.30	19.39	19.76	20.79	23.90	24.63	25.15	26.56	28.35	33.72	263.76
33 kV	17.05	32.56	38.64	44.75	48.09	54.72	51.00	50.11	46.37	49.11	51.29	47.70	531.41
132 kV & Above	20.48	39.00	39.41	43.98	55.66	63.53	50.67	45.02	46.57	50.42	48.60	45.27	548.59
Industrial colonies	0.53	0.84	0.80	0.82	0.77	0.86	0.79	0.77	0.70	0.71	0.71	1.09	9.38
11 kV	0.00	0.01	0.01	0.00	0.00	0.01	0.07	0.07	0.06	0.06	0.08	0.08	0.45
33 kV	0.07	0.08	0.06	0.06	0.06	0.11	0.08	0.07	0.06	0.06	0.06	0.08	0.86
132 kV & Above	0.46	0.76	0.73	0.76	0.71	0.75	0.64	0.63	0.58	0.59	0.56	0.92	8.08
(B): Seasonal Industries	0.08	0.13	0.25	0.34	0.33	0.49	0.38	0.62	0.34	0.35	0.24	0.21	3.75
11 kV	0.08	0.13	0.25	0.34	0.33	0.49	0.38	0.62	0.34	0.35	0.24	0.21	3.75
33 kV	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
132 kV & Above	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
(C): Energy Intensive Industries	2.44	19.09	17.35	19.27	26.60	30.74	18.39	17.65	17.25	17.74	16.64	22.65	225.81
11 kV	0.01	0.04	0.07	0.11	0.09	0.10	0.19	0.18	0.18	0.18	0.18	0.26	1.62
33 kV	0.72	6.56	7.91	9.50	13.92	14.85	9.90	9.49	8.99	7.79	7.08	9.46	106.17
132 kV & Above	1.70	12.49	9.37	9.66	12.59	15.79	8.30	7.98	8.07	9.76	9.38	12.93	118.02
HT Cat-IV : Institutional	27.97	42.75	39.84	37.19	38.25	37.46	42.73	43.44	45.53	46.02	46.24	48.08	495.50
(A): Utilities - Composite Protected Water Supply Schemes	7.55	8.02	8.20	8.72	8.41	8.26	8.95	9.23	9.79	9.36	8.90	12.09	107.49
11 kV	2.66	3.19	3.08	4.37	3.01	2.78	3.32	3.51	3.54	3.48	3.09	4.07	40.09
33 kV	4.89	4.83	5.12	4.35	5.40	5.49	5.63	5.72	6.26	5.88	5.80	8.02	67.40
132 kV & Above	0.00	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): General Purpose	2.29	3.21	3.25	3.02	3.05	3.27	4.79	4.75	4.21	3.85	4.26	5.69	45.65
11 kV	2.13	2.99	3.04	2.84	2.89	3.11	4.49	4.45	3.97	3.59	3.96	5.32	42.78
33 kV	0.16	0.22	0.21	0.18	0.16	0.16	0.31	0.30	0.24	0.25	0.31	0.37	2.87
132 kV & Above	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
(C): Religious Places	0.71	0.84	0.76	0.94	0.85	1.59	3.84	3.27	3.36	3.49	3.38	3.93	26.95
11 kV	0.15	0.17	0.21	0.17	0.16	0.20	0.46	0.46	0.40	0.38	0.42	0.52	3.69
33 kV	0.56	0.67	0.55	0.76	0.69	1.39	3.38	2.81	2.96	3.10	2.96	3.41	23.26
132 kV & Above	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
(D) Railway Traction	17.42	30.67	27.63	24.52	25.94	24.33	25.15	26.20	28.16	29.32	29.70	26.37	315.41
HT Cat-V : Agricultural & Related	140.72	28.66	12.11	35.23	148.24	190.00	291.45	302.48	274.28	232.21	194.30	148.78	1998.45
(B): Aquaculture and Animal Husbandry	2.55	1.99	1.59	1.76	2.27	2.58	2.41	2.10	1.53	1.19	1.57	3.23	24.78
11 kV	2.55	1.99	1.59	1.76	2.27	2.58	2.41	2.10	1.53	1.19	1.57	3.23	24.78
33 kV	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
132 kV & Above	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
(C):Poultry & Aquature													
(i) Poultry Hatcheries and Poultry Feed Mixing Plants	1.92	1.82	1.75	1.93	1.80	1.87	2.03	2.24	2.38	2.28	2.21	3.01	25.23
11 kV	1.42	1.43	1.29	1.42	1.30	1.36	1.54	1.73	1.83	1.73	1.69	2.31	19.04
33 kV	0.49	0.40	0.46	0.51	0.50	0.51	0.49	0.52	0.55	0.55	0.51	0.71	6.20
132 kV & Above	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
(ii): Aqua Hatcheries & Aqua Feed mixing plants	1.92	2.21	2.56	2.79	2.63	2.59	2.51	2.29	2.38	2.99	3.17	4.79	32.83
11 kV	0.89	1.31	1.57	1.67	1.42	1.41	1.05	0.99	1.23	1.61	1.62	2.25	17.01
33 kV	1.03	0.89	0.99	1.12	1.20	1.18	1.47	1.30	1.16	1.38	1.55	2.54	15.82
132 kV & Above	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
(E): Government / Private Lift Irrigation	134.33	22.63	6.20	28.74	141.54	182.97	284.50	295.85	268.00	225.74	187.35	137.75	1915.61
11 kV	1.19	1.28	1.09	0.69	1.17	0.54	2.18	4.08	3.35	2.80	1.90	1.83	22.11
33 kV	2.25	2.88	2.68	1.13	3.31	6.61	9.96	15.07	12.42	10.04	7.22	4.18	77.74
132 kV & Above	130.89	18.48	2.43	26.91	137.06	175.82	272.36	276.70	252.22	212.90	178.23	131.73	1815.76
Kuppam	37.75	37.92	32.63	29.00	37.64	29.48	35.10	32.61	31.88	41.33	53.07	48.38	446.77
Grand Total (LT+HT)	1721.95	1896.55	1696.96	1454.12	1763.92	1629.94	1948.28	1889.10	1871.67	2021.84	2033.42	2222.12	22149.87

Sales / Forecast Sales (MU)	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total
Year-3													
2021-22													
Sales / Forecast Sales (MU)	April	May	June	July	August	September	October	November	December	January	February	March	Total
LT Category	1380.81	1375.07	1243.55	1362.99	1357.47	1248.32	1262.67	1202.19	1218.07	1389.89	1435.42	1646.37	16122.84
Domestic	437.02	484.17	503.23	450.37	450.48	462.52	449.79	445.41	383.51	357.91	364.06	395.60	5184.08
Commerical & Others	71.44	78.09	78.18	73.55	73.60	73.91	70.36	71.41	66.91	64.22	62.38	63.54	847.59
Industry	47.13	46.07	47.42	44.98	46.06	45.16	42.14	42.99	44.53	46.40	47.31	44.71	544.90
Institutional	61.29	60.06	59.26	53.07	57.61	60.36	56.60	59.71	58.12	58.27	58.23	58.01	700.60
Agriculture & Related	763.93	706.69	555.46	741.01	729.72	606.37	643.78	582.68	665.00	863.08	903.44	1084.51	8845.67
HT Category	521.63	522.38	503.92	533.58	693.72	727.86	828.73	827.94	785.64	761.65	728.22	714.10	8149.38
HT Cat-I : Domestic													
(B): Townships, Colonies, Gated Communities and Villas	1.39	1.43	1.32	1.22	1.13	1.06	1.00	0.88	0.76	0.70	0.71	0.83	12.42
11 kV	1.02	1.01	0.91	0.83	0.75	0.68	0.62	0.54	0.39	0.36	0.31	0.36	7.77
33 kV	0.37	0.42	0.41	0.39	0.38	0.38	0.38	0.34	0.37	0.35	0.40	0.47	4.65
132 kV & Above	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HT Cat-II : Commercial & Others	28.31	29.37	26.94	26.52	28.35	26.84	27.96	26.55	23.79	24.77	23.72	32.59	325.71
Commercial	20.03	20.66	19.65	19.83	20.85	18.61	18.13	17.77	15.97	15.67	15.90	21.93	225.00
11 kV	16.33	16.83	16.10	16.30	17.10	14.95	14.49	14.31	12.82	12.62	13.03	18.02	182.90
33 kV	1.50	1.41	1.39	1.31	1.40	1.09	1.04	0.91	0.72	0.70	0.65	0.88	13.01
132 kV & Above	2.19	2.42	2.15	2.21	2.35	2.58	2.61	2.55	2.43	2.36	2.22	3.03	29.10
Commercial, ToD	5.30	5.52	5.25	5.33	5.91	5.19	5.19	5.11	4.77	4.77	4.77	5.99	63.10
11 kV	4.34	4.49	4.24	4.33	4.82	4.20	4.19	4.11	3.78	3.80	3.83	4.80	50.93
33 kV	0.34	0.34	0.34	0.33	0.37	0.30	0.29	0.27	0.25	0.24	0.24	0.31	3.61
132 kV & Above	0.62	0.69	0.67	0.68	0.73	0.69	0.71	0.73	0.74	0.73	0.70	0.88	8.57
(iv) Function Halls/Auditoriums	0.24	0.25	0.24	0.17	0.26	0.15	0.23	0.23	0.19	0.17	0.28	0.30	2.72
11 kV	0.24	0.25	0.24	0.17	0.26	0.15	0.23	0.23	0.19	0.17	0.28	0.30	2.72
33 kV	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
132 kV & Above	0.00	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): Start up power	2.65	2.86	1.72	1.11	1.21	2.83	4.38	3.42	2.82	4.14	2.76	4.29	34.19
11 kV	0.02	0.02	0.01	0.01	0.01	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.19
33 kV	2.14	2.31	1.40	0.79	0.85	2.25	3.62	2.86	2.34	3.56	2.29	3.67	28.07
132 kV & Above	0.49	0.53	0.31	0.31	0.34	0.56	0.74	0.55	0.47	0.56	0.46	0.60	5.92
(C): Electric Vehicles (Evs) / Charging stations	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11 kV	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
33 kV	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
132 kV & Above	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
(D): Green Power	0.10	0.08	0.08	0.09	0.12	0.05	0.03	0.01	0.04	0.02	0.01	0.07	0.70
11 kV	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.01	0.02	0.08
33 kV	0.09	0.08	0.07	0.08	0.11	0.05	0.02	0.01	0.04	0.02	0.00	0.05	0.62
132 kV & Above	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HT Cat-III : Industry	357.48	383.07	367.57	380.85	357.21	365.49	366.92	357.60	349.69	362.66	361.02	395.73	4405.30
(A): Industrial General	117.99	111.98	107.84	109.60	107.08	108.28	108.11	107.84	99.98	101.72	98.94	135.08	1314.42
11 kV	39.53	38.42	38.44	40.07	38.41	38.82	37.91	38.19	38.27	38.45	40.16	55.32	481.98
33 kV	47.10	44.12	42.84	44.19	43.87	45.67	46.93	46.48	40.97	42.96	40.03	56.49	541.64
132 kV & Above	31.36	29.44	26.56	25.34	24.79	23.78	23.27	23.18	20.74	20.31	18.75	23.27	290.79
Industry, ToD Peak (6 AM to 10 AM & 6 PM to 10 PM)	104.17	110.93	108.45	112.03	105.82	106.16	104.57	101.96	104.73	107.03	106.93	100.44	1273.23
11 kV	28.70	29.57	29.61	30.69	29.67	28.84	28.24	28.70	29.55	30.59	31.70	35.37	361.22
33 kV	43.64	47.93	47.11	49.54	47.41	48.24	46.90	46.86	47.91	48.76	48.79	44.91	567.99
132 kV & Above	31.83	33.43	31.73	31.81	28.74	29.09	29.43	26.41	27.27	27.68	26.45	20.16	344.03

Sales / Forecast Sales (MU)	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total
Industry, ToD Off Peak (10 PM to 6 AM)	114.74	138.47	131.36	138.69	124.12	131.23	133.96	128.03	126.03	134.47	136.96	135.48	1573.54
11 kV	24.52	27.88	27.55	29.05	27.13	26.19	26.20	27.00	27.56	29.10	31.05	36.92	340.15
33 kV	45.02	55.08	52.99	56.30	51.14	54.88	56.37	55.37	51.22	54.23	56.63	52.65	641.88
132 kV & Above	45.20	55.52	50.82	53.34	45.85	50.16	51.40	45.67	47.24	51.13	49.28	45.90	591.51
Industrial colonies	0.92	0.94	0.90	0.85	0.82	0.82	0.78	0.76	0.69	0.70	0.70	1.07	9.93
11 kV	0.10	0.09	0.07	0.08	0.09	0.09	0.07	0.07	0.06	0.06	0.08	0.09	0.97
33 kV	0.08	0.07	0.07	0.07	0.07	0.07	0.08	0.07	0.06	0.06	0.06	0.08	0.83
132 kV & Above	0.74	0.78	0.76	0.71	0.66	0.65	0.63	0.62	0.56	0.57	0.55	0.90	8.14
(B): Seasonal Industries	0.20	0.16	0.14	0.14	0.13	0.15	0.41	0.68	0.37	0.38	0.26	0.22	3.24
11 kV	0.20	0.16	0.14	0.14	0.13	0.15	0.41	0.68	0.37	0.38	0.26	0.22	3.24
33 kV	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
132 kV & Above	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
(C): Energy Intensive Industries	19.46	20.59	18.89	19.55	19.25	18.86	19.09	18.32	17.90	18.37	17.23	23.44	230.94
11 kV	0.19	0.20	0.19	0.22	0.21	0.22	0.23	0.21	0.21	0.21	0.21	0.30	2.60
33 kV	9.47	10.47	10.07	10.90	10.78	10.18	10.38	9.95	9.43	8.17	7.42	9.92	117.14
132 kV & Above	9.81	9.92	8.62	8.43	8.26	8.45	8.49	8.17	8.26	9.98	9.59	13.22	111.20
HT Cat-IV : Institutional	53.59	56.43	59.04	58.14	74.33	55.54	52.30	53.33	56.12	56.97	57.32	58.28	691.38
(A): Utilities - Composite Protected Water Supply Schemes	9.17	9.00	10.76	9.30	9.97	9.46	9.47	9.76	10.36	9.90	9.42	12.80	119.37
11 kV	3.20	3.06	4.83	3.02	3.39	3.23	3.36	3.56	3.58	3.52	3.13	4.12	41.99
33 kV	5.98	5.94	5.93	6.29	6.58	6.23	6.11	6.20	6.78	6.37	6.29	8.68	77.38
132 kV & Above	0.00	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): General Purpose	5.63	5.29	4.79	5.29	5.85	5.16	4.96	4.91	4.35	3.98	4.41	5.88	60.51
11 kV	5.43	5.05	4.60	4.99	5.44	4.84	4.59	4.55	4.06	3.67	4.04	5.44	56.70
33 kV	0.20	0.24	0.19	0.30	0.41	0.33	0.37	0.36	0.30	0.31	0.37	0.44	3.82
132 kV & Above	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
(C): Religious Places	4.20	4.66	3.30	2.28	2.48	3.09	4.09	3.47	3.57	3.70	3.59	4.17	42.60
11 kV	0.57	0.61	0.60	0.56	0.59	0.51	0.49	0.49	0.42	0.41	0.44	0.55	6.25
33 kV	3.62	4.05	2.70	1.72	1.89	2.58	3.60	2.99	3.14	3.30	3.15	3.62	36.34
132 kV & Above	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
(D) Railway Traction	34.59	37.48	40.19	41.26	56.03	37.83	33.78	35.19	37.83	39.39	39.90	35.42	468.90
HT Cat-V : Agricultural & Related	34.57	18.08	13.33	21.41	189.40	240.77	340.44	352.33	318.89	269.38	224.92	171.51	2195.04
(B): Aquaculture and Animal Husbandry	2.71	3.06	3.03	2.98	2.82	2.33	2.56	2.23	1.62	1.27	1.67	3.43	29.72
11 kV	2.71	3.06	3.03	2.98	2.82	2.33	2.56	2.23	1.62	1.27	1.67	3.43	29.72
33 kV	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
132 kV & Above	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
(C):Poultry & Aqualture													
(i) Poultry Hatcheries and Poultry Feed Mixing Plants	2.19	2.18	2.13	2.08	2.14	1.88	2.17	2.40	2.54	2.43	2.36	3.22	27.72
11 kV	1.66	1.64	1.59	1.58	1.61	1.40	1.67	1.87	1.98	1.88	1.83	2.50	21.21
33 kV	0.52	0.54	0.54	0.51	0.52	0.47	0.50	0.53	0.56	0.56	0.53	0.72	6.51
132 kV & Above	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
(ii): Aqua Hatcheries & Aqua Feed mixing plants	3.02	3.25	3.47	2.94	2.82	2.46	2.80	2.55	2.65	3.33	3.52	5.31	38.12
11 kV	1.24	1.11	1.15	1.27	1.21	1.19	1.17	1.11	1.37	1.81	1.81	2.51	16.81
33 kV	1.78	2.14	2.33	1.67	1.62	1.37	1.63	1.44	1.28	1.53	1.72	2.81	21.32
132 kV & Above	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
(E): Government / Private Lift Irrigation	26.65	9.59	4.71	13.41	181.61	234.10	332.92	345.15	312.07	262.35	217.37	159.54	2099.48
11 kV	0.91	0.67	0.85	0.96	2.08	2.23	2.45	4.56	3.75	3.13	2.11	2.04	25.75
33 kV	0.95	4.92	0.57	1.95	8.95	11.46	11.23	16.96	13.94	11.24	8.06	4.66	94.89
132 kV & Above	24.79	4.00	3.28	10.51	170.58	220.41	319.23	323.63	294.38	247.99	207.20	152.84	1978.85
Kuppam	46.28	34.00	35.72	45.43	43.30	38.17	40.11	37.25	36.40	47.17	60.54	55.17	519.54
Grand Total (LT+HT)	1902.44	1897.45	1747.47	1896.58	2051.19	1976.18	2091.40	2030.14	2003.71	2151.54	2163.64	2360.47	24272.22

Form 4

Power Purchase Requirement

Particulars	Detail Links	2019-20	2020-21	2021-22	2022-23	2023-24
Total Sales, MU		35158.60	22149.87	24272.22	0.00	0.00
Sales (LT, 11kV, 33kV) (MU)	Form 3	30704.77	18602.44	20435.22		
EHT Sales (MU)	Form 3	4453.83	3547.43	3837.00		
Total Losses, MU		4388.40	2886.20	3123.36	0.00	0.00
Distribution System Losses (MU)	Form 4a	3134.76	2014.94	2175.47	0.00	0.00
Transmission System Losses (MU)		1253.64	871.26	947.89	0.00	0.00
Total Losses, (%)		11.10	11.53	11.40	0.00	0.00
Transmission Losses (%)		3.17	3.48	3.46	0.00	0.00
Distribution System Losses(%)	Form 4a	9.26	9.77	9.62	0.00	0.00
Input to Distribution System		33839.53	20617.38	22610.69	0.00	0.00
Power Purchase Requirement (MU)		39547.00	25036.07	27395.58	0.00	0.00
Availability	Form 4.1	40345.11	38249.26	37054.67	0.00	0.00
Dispatch	Form 4.2	40345.11	24850.05	27395.59		
Surplus /(deficit)		798.12	13213.19	9659.10	0.00	0.00

Form 4a Energy Losses (Distribution System)

Particulars		D - Link	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24
I. Losses in 33 KV System and Connected Equipment								
(i)	Total Energy delivered into 33 KV Distribution System from EHT SSs	A	33243.34	31731.69	19328.54	21197.25		
(ii)	Energy delivered by all other Generating Stations at 33kV	B	0.00	1962.89	1195.95	1311.57		
(iii)	Energy consumed by HT consumers at 33KV (Sales + Third Party)	X	3755.32	3635.41	1772.70	2159.68		
(iv)	Energy Delivered into 11 KV and LT System from 33/11 KV SSs	C	28374.37	28964.10	18086.80	19622.10		
Losses (33 kV System)		(A + B) - (C + X)	1113.65	1095.07	664.99	727.03		
% Losses (33 kV System)		100 x [(A+B)-(C+X)] / (A+B)	3.35	3.25	3.24	3.23		
II. Losses in 11 KV System and Connected Equipment								
(i)	Energy delivered into 11 KV system from 33/11kV SSs	C	28374.37	28964.10	18086.80	19622.10		
(ii)	Energy delivered into 11 KV Distribution System from EHT SSs	D	0.00	133.72	81.47	89.35		
(iii)	Energy delivered at 11kV from all other Generating Stations	E	0.00	11.23	11.42	12.53		
(iv)	Total Energy delivered into 11 KV and LT Distribution System	C+D+E	28374.37	29109.05	18179.69	19723.98		
(v)	Energy consumed by HT consumers at 11KV (Sales + Third Party)	Y	2729.79	3059.18	1733.66	2152.71		
(vi)	Total Output from 11kV to LT	F	24685.52	25098.00	15835.20	16910.52		
Losses (11kV System)		(C + D + E) - (Y + F)	959.05	951.87	610.84	660.75		
% Losses (11kV System)		[(C+D+E)-(Y+F)] x 100 / (C+D+E)	3.38	3.27	3.36	3.35		
III. Losses in LT system and connected equipment								
(i)	Energy delivered to LT system from 11/400 V DTRs	F	24685.52	25098.00	15835.20	16910.52		
(ii)	Energy sold to metered categories	Z	13786.23	15069.34	7562.59	8068.32		
(iii)	Energy sold to un-metered categories	N	9830.85	8940.84	7533.49	8054.51		
Losses (LT System)		F-(Z+N)	1068.44	1087.83	739.11	787.68		
% Losses (LT System)		[F-(Z+N)] x 100 / (F)	4.33	4.33	4.67	4.66		
IV. Total losses in the Distribution System								
(i)	Total Input to the distribution system	A + B + D + E	33243.34	33839.53	20617.38	22610.69		
(ii)	Total Output from the Distribution Sytem	X + Y + Z + N	30102.19	30704.77	18602.44	20435.22		
(iii)	EHT Sales	G	4786.72	4453.83	3547.43	3837.00		
Distribution System Losses		(A + B + D + E)-(X + Y + Z + N)	3141.15	3134.76	2014.94	2175.47		
% Distribution System Losses (Excluding EHT Sales)		[(A+B+D+E)-(X+Y+Z+N)] x 100 / (A+B+D+E)	9.45	9.26	9.77	9.62		
% Distribution System Losses (Including EHT Sales)		[(A+B+D+E)-(X+Y+Z+N)] x 100 / (A+B+D+E +G)	8.26	8.19	8.34	8.23		

Form 4B - Transmission Losses

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**.

Particulars	2019-20	2020-21	2021-22	2022-23	2023-24
Total Transmission Losses (Inclusive of PGCIL) (%)					
Input to APTransco Network (MU)					
APTransco Losses (%)	3.17	3.48	3.46		
APTransco Losses (MU)					
Input to PGCIL (For CGS) (MU)					
PGCIL Losses (%) (For CGS)	3.17	3.48	3.46		
PGCIL Losses (MU) (For CGS)					

Generating Station	D Link	PLF (%)	Variable Cost (Rs. / kWh)	Gross Energy Availability (MU)												Yearly Auxiliary Consumption (MU)	Net Energy Availability (MU)	
				April	May	June	July	August	September	October	November	December	January	February	March			Total
NCE - Industrial Waste				0.70	0.33	0.09	0.00	0.00	0.26	0.51	0.84	0.00	0.88	0.00	0.00	3.61		
NCE - Wind Power				417.69	615.52	1084.97	1327.40	1367.60	548.53	167.58	237.01	203.65	193.44	316.81	353.40	6833.60		
NCE - Mini Hydel				0.60	0.77	0.60	0.11	7.85	15.01	17.18	15.39	14.18	9.35	11.95	471.60	564.59		
NCE - SOLAR Power (Without Bundled)				170.22	168.48	151.46	134.69	121.42	116.25	97.24	118.10	83.57	114.68	139.35	708.00	2123.46		
NVVNL Bundled Power - SOALR				4.92	3.59	2.79	1.07	0.49	0.93	2.95	0.58	1.75	2.95	3.56	4.84	30.42		
NTPC Ramagundam Solar 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		
NTPC NPKunta Ultra Mega Solar PVP				22.92	22.54	20.86	19.10	17.08	17.33	18.81	18.33	17.67	37.21	54.49	60.09	326.42		
NTPC NVVNL NSM Phase-II, Batch-II, Trench-I Bundled Power -SOLAR POWER (*)				239.86	200.35	243.57	191.36	137.14	166.28	151.33	98.93	280.26	118.98	207.79	314.09	2349.96		
TOTAL NCE				871.84	1021.34	1517.60	1684.07	1658.69	871.91	460.22	496.04	613.36	491.56	750.25	1926.15	12363.02		
IPPs-Others																0.00		
Srivathsa (Exclusive EPDCL)				0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
Thermal Powertech Corporation India				95.48	90.55	98.78	110.20	92.66	99.25	94.27	104.32	111.46	108.14	105.02	107.96	1218.10		
Hinduja National Power Corp Ltd(HNPCL)				187.04	182.90	188.14	217.61	43.02	113.26	142.73	97.70	192.49	175.33	152.12	114.44	1806.81		
KSK Mahanadi Power Co., Ltd.,				6.63	93.17	50.16	58.19	171.57	21.81	141.76	132.30	192.32	189.04	156.41	190.53	1403.88		
TOTAL OTHERS				289.15	366.62	337.08	386.00	307.26	234.32	378.77	334.32	496.27	472.51	413.54	412.93	4428.78		
MARKET																0.00		
Short Term Purchases (Trading/IX/PXIL)				212.25	194.91	151.06	182.61	172.71	147.91	323.69	333.81	230.31	30.03	51.82	438.64	2469.75		
Short Term Purchases (Swap Receipt)				0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
Short Term Purchases (Swap Return)				0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2165.98		
Market sources				0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
D<>D Transactions				0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-4854.88		
POSOCO-Deviation Charges (CGS UI charges)																16.55		
TOTAL MARKET				212.25	194.91	151.06	182.61	172.71	147.91	323.69	333.81	230.31	30.03	51.82	438.64	-4534.56		
Sale of power																-17.52		
TOTAL (From All Sources)				3864.97	4120.82	4281.32	4689.60	4568.80	3991.78	3198.85	3212.84	3389.43	3466.60	3629.74	4952.20	40345.11		

Generating Station	D Link	Variable Cost (Rs. / kWh)	Energy Dispatch (MU)												
			April	May	June	July	August	September	October	November	December	January	February	March	Total
TOTAL IPPS			139.31	105.33	107.33	81.53	86.19	100.21	110.41	84.08	112.31	116.12	105.21	118.92	1266.96
NCE															0.00
NCE - Bio Mass			12.80	9.77	13.25	10.35	7.11	7.32	4.60	4.73	5.94	8.44	10.83	10.43	105.58
NCE - Bagasse			2.13	0.00	0.00	0.00	0.00	0.00	0.00	2.13	6.33	5.63	5.47	3.70	25.38
NCE - Industrial Waste			0.70	0.33	0.09	0.00	0.00	0.26	0.51	0.84	0.00	0.88	0.00	0.00	3.61
NCE - Wind Power			417.69	615.52	1084.97	1327.40	1367.60	548.53	167.58	237.01	203.65	193.44	316.81	353.40	6833.60
NCE - Mini Hydel			0.60	0.77	0.60	0.11	7.85	15.01	17.18	15.39	14.18	9.35	11.95	471.60	564.59
NCE - SOLAR Power (Without Bundled)			170.22	168.48	151.46	134.69	121.42	116.25	97.24	118.10	83.57	114.68	139.35	708.00	2123.46
NVVNL Bundled Power - SOALR			4.92	3.59	2.79	1.07	0.49	0.93	2.95	0.58	1.75	2.95	3.56	4.84	30.42
NTPC Ramagundam Solar 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
NTPC NPKunta Ultra Mega Solar PVP			22.92	22.54	20.86	19.10	17.08	17.33	18.81	18.33	17.67	37.21	54.49	60.09	326.42
NTPC NVVNL NSM Phase-II, Batch-II, Trench-I Bundled Power -SOLAR POWER (*)			239.86	200.35	243.57	191.36	137.14	166.28	151.33	98.93	280.26	118.98	207.79	314.09	2349.96
TOTAL NCE			871.84	1021.34	1517.60	1684.07	1658.69	871.91	460.22	496.04	613.36	491.56	750.25	1926.15	12363.02
IPPs-Others															0.00
Srivathsa (Exclusive EPDCL)			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Thermal Powertech Corporation India			95.48	90.55	98.78	110.20	92.66	99.25	94.27	104.32	111.46	108.14	105.02	107.96	1218.10
Hinduja National Power Corp Ltd(HNPCL)			187.04	182.90	188.14	217.61	43.02	113.26	142.73	97.70	192.49	175.33	152.12	114.44	1806.81
KSK Mahanadi Power Co., Ltd.,			6.63	93.17	50.16	58.19	171.57	21.81	141.76	132.30	192.32	189.04	156.41	190.53	1403.88
TOTAL OTHERS			289.15	366.62	337.08	386.00	307.26	234.32	378.77	334.32	496.27	472.51	413.54	412.93	4428.78
MARKET															0.00
Short Term Purchases (Trading/EX/PXIL)			212.25	194.91	151.06	182.61	172.71	147.91	323.69	333.81	230.31	30.03	51.82	438.64	2469.75
Short Term Purchases (Swap Receipt)			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Short Term Purchases (Swap Return)			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2165.98
Market sources			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
D<->D Transactions			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-4854.88
POSOCO-Deviation Charges (CGS UI charges)															16.55
TOTAL MARKET			212.25	194.91	151.06	182.61	172.71	147.91	323.69	333.81	230.31	30.03	51.82	438.64	-4534.56
Sale of power															-17.52
TOTAL (From All Sources)			3864.97	4120.82	4281.32	4689.60	4568.80	3991.78	3198.85	3212.84	3389.43	3466.60	3629.74	4952.20	40345.11

Form 5

Revenue from Current Tariffs (Rs. Crs.)	2018-19						
	Retail Supply (Regulated Business)			Surcharges (Open Access)		Grid Support Charges	Total Revenue
	Gross Revenue	Incentives	Net Revenue	Surcharge	Additional surcharge		
LT Category	7087.71	0.00	7087.71	0.00	0.00	0.00	7087.71
Category I (A&B) - Domestic	3229.08	0.00	3229.08				3229.08
Category II (A,B & C) - Non-domestic/Commercial	1952.73	0.00	1952.73				1952.73
Category III (A & B) - Industrial	1301.28	0.00	1301.28				1301.28
Category IV (A,B &C) - Cottage Industries & Dhobighats	18.03	0.00	18.03				18.03
Category V (A, B & C) - Irrigation and Agriculture	55.82	0.00	55.82				55.82
Category VI (A & B) - Local Bodies, St. Lighting & PWS	443.70	0.00	443.70				443.70
Category VII (A & B) - General Purpose	85.64	0.00	85.64				85.64
Category VIII (A & B) -Temporary Supply	1.42	0.00	1.42				1.42
		0.00	0.00				0.00
		0.00	0.00				0.00
HT Category at 11 KV	2190.16	0.00	2190.16	0.00	0.00	0.00	2190.16
HT I (A): General	731.68	0.00	731.68				731.68
Lights and Fans	22.16	0.00	22.16				22.16
Industrial Colonies	1.08	0.00	1.08				1.08
Seasonal Industries	3.03	0.00	3.03				3.03
Time of Day Tariffs Peak (6 AM to 10 AM & 6 PM to 10 PM)	328.45	0.00	328.45				328.45
Time of Day Tariffs Off Peak (10 PM to 6 AM)	219.91	0.00	219.91				219.91
HT I (B): Energy Intensive Industries	1.32	0.00	1.32				1.32
HT I (C): Aquaculture and Animal Husbandry	14.17	0.00	14.17				14.17
HT I (D): Poultry Hatcheries abd Poultry Feed Mixing Plants	34.68	0.00	34.68				34.68
HT II: Others	574.97	0.00	574.97				574.97
Time of Day Tariffs Peak (6 AM to 10 AM & 6 PM to 10 PM)	114.43	0.00	114.43				114.43
HT II (B): Religious Places	3.15	0.00	3.15				3.15
HT II (C): Function Halls/Auditoriums	10.68	0.00	10.68				10.68
HT II (E): Electric Vehicles (Evs) / Charging stations	0.00	0.00	0.00				0.00
Time of Day Tariffs Peak (6 AM to 10 AM & 6 PM to 10 PM)	0.00	0.00	0.00				0.00
Time of Day Tariffs Off Peak (10 PM to 6 AM)	0.00	0.00	0.00				0.00
HT II (F) : Start up power	0.25	0.00	0.25				0.25
HT III: Public Infrastructure and Tourism	33.60	0.00	33.60				33.60
Time of Day Tariffs (6 PM to 10 PM)	6.64	0.00	6.64				6.64
HT IV Government LIS	33.36	0.00	33.36				33.36
HT IV Private Irrigation and Agriculture	0.00	0.00	0.00				0.00
HT IV CPWS	23.80	0.00	23.80				23.80
HT VI: Townships & Residential Colonies	15.26	0.00	15.26				15.26
HT VII: Green Power	0.03	0.00	0.03				0.03
HT VIII: Temporary	2.22	0.00	2.22				2.22
Category: RESCOs	15.27	0.00	15.27				15.27
	0.00	0.00	0.00				0.00
	0.00	0.00	0.00				0.00
HT Category at 33 KV	2727.28	0.00	2727.28	0.00	0.00	0.00	2727.28
HT I (A): General	1074.96	0.00	1074.96				1074.96
Lights and Fans	17.99	0.00	17.99				17.99
Industrial Colonies	6.84	0.00	6.84				6.84
Seasonal Industries	0.60	0.00	0.60				0.60
Time of Day Tariffs Peak (6 AM to 10 AM & 6 PM to 10 PM)	713.18	0.00	713.18				713.18
Time of Day Tariffs Off Peak (10 PM to 6 AM)	492.18	0.00	492.18				492.18

Revenue from Current Tariffs (Rs. Crs.)	2018-19						
	Retail Supply (Regulated Business)			Surcharges (Open Access)		Grid Support Charges	Total Revenue
	Gross Revenue	Incentives	Net Revenue	Surcharge	Additional surcharge		
HT I (B): Energy Intensive Industries	135.52	0.00	135.52				135.52
HT I (C) : Aquaculture and Animal Husbandry	0.00	0.00	0.00				0.00
HT I (D) : Poultry Hatcheries and Poultry Feed Mixing Plants	50.54	0.00	50.54				50.54
HT II: Others	88.07	0.00	88.07				88.07
Time of Day Tariffs (6 PM to 10 PM)	20.79	0.00	20.79				20.79
HT II (B): Religious Places	14.85	0.00	14.85				14.85
HT II (C) : Function Halls / Auditoriums	0.13	0.00	0.13				0.13
HT II (E): Electric Vehicles (Evs) / Charging stations	0.00	0.00	0.00				0.00
Time of Day Tariffs Peak (6 AM to 10 AM & 6 PM to 10 PM)	0.00	0.00	0.00				0.00
Time of Day Tariffs Off Peak (10 PM to 6 AM)	0.00	0.00	0.00				0.00
HT II (F) : Start up power	21.41	0.00	21.41				21.41
HT III: Public Infrastructure and Tourism	6.36	0.00	6.36				6.36
Time of Day Tariffs (6 PM to 10 PM)	1.45	0.00	1.45				1.45
HT IV Government LIS	50.41	0.00	50.41				50.41
HT IV Agriculture	0.00	0.00	0.00				0.00
HT IV CPWS	29.34	0.00	29.34				29.34
HT VI: Townships & Residential Colonies	2.66	0.00	2.66				2.66
HT VII: Green Power	0.00	0.00	0.00				0.00
HT VIII: Temporary	0.00	0.00	0.00				0.00
Category: RESCOs	0.00	0.00	0.00				0.00
		0.00	0.00				0.00
		0.00	0.00				0.00
HT Category at 132 KV	2979.51	0.00	2979.51	0.00	0.00	0.00	2979.51
HT I (A): General	824.46	0.00	824.46				824.46
Lights and Fans	7.96	0.00	7.96				7.96
Industrial Colonies	8.18	0.00	8.18				8.18
Seasonal Industries	0.00	0.00	0.00				0.00
Time of Day Tariffs Peak (6 AM to 10 AM & 6 PM to 10 PM)	545.41	0.00	545.41				545.41
Time of Day Tariffs Off Peak (10 PM to 6 AM)	399.91	0.00	399.91				399.91
HT I (B): Energy Intensive Industries	53.80	0.00	53.80				53.80
HT I (C) : Aquaculture and Animal Husbandry	0.00	0.00	0.00				0.00
HT I (D): Poultry and Hatcheries and Poultry Feed Mixing Plants	0.00	0.00	0.00				0.00
HT II: Others	32.63	0.00	32.63				32.63
Time of Day Tariffs (6 PM to 10 PM)	6.53	0.00	6.53				6.53
HT II (B): Religious Places	0.00	0.00	0.00				0.00
HT II (C) : Function Halls / Auditoriums	0.00	0.00	0.00				0.00
HT II (E): Electric Vehicles (Evs) / Charging stations	0.00	0.00	0.00				0.00
Time of Day Tariffs Peak (6 AM to 10 AM & 6 PM to 10 PM)	0.00	0.00	0.00				0.00
Time of Day Tariffs Off Peak (10 PM to 6 AM)	0.00	0.00	0.00				0.00
HT II (F) : Start up power	4.32	0.00	4.32				4.32
HT III: Public Infrastructure and Tourism	0.00	0.00	0.00				0.00
Time of Day Tariffs (6 PM to 10 PM)	0.00	0.00	0.00				0.00
HT IV Government LIS	685.17	0.00	685.17				685.17
HT IV Agriculture	0.00	0.00	0.00				0.00
HT IV CPWS	0.00	0.00	0.00				0.00
HT V: Railway Traction	411.14	0.00	411.14				411.14
HT VI: Townships & Residential Colonies	0.00	0.00	0.00				0.00
HT VII: Green Power	0.00	0.00	0.00				0.00
HT VIII: Temporary	0.00	0.00	0.00				0.00
Category: RESCOs	0.00	0.00	0.00				0.00
		0.00	0.00				0.00
		0.00	0.00				0.00
Total	14984.65	0.00	14984.65	0.00	0.00	0.00	14984.65

Form 5

Revenue from Current Tariffs (Rs. Crs.)	2019-20						Total Revenue
	Retail Supply (Regulated Business)			Surcharges (Open Access)		Grid Support Charges	
	Gross Revenue	Incentives	Net Revenue	Surcharge	Additional surcharge		
LT Category	7271.45	0.00	7297.84	0.00	0.00	0.00	7297.84
Domestic	3556.02	0.00	3556.02				3556.02
Commerical & Others	1705.33	0.00	1705.33				1705.33
Industry	804.19	0.00	804.19				804.19
Institutional	531.60	0.00	557.98				557.98
Agriculture & Related	674.32	0.00	674.32				674.32
							0.00
HT Category	7916.28	10.89	7905.39	0.00	0.00	0.00	7905.39
HT Cat-(A): Domestic							0.00
(B): Townships, Colonies, Gated Communities and Villas							0.00
11 kV	13.54	0.00	13.54				13.54
33 kV	2.40	0.00	2.40				2.40
132 kV & Above	0.00	0.00	0.00				0.00
HT Cat-II : Commercial & Others							0.00
(A): Commercial							0.00
11 kV	655.39	0.00	655.39				655.39
33 kV	108.14	0.00	108.14				108.14
132 kV & Above	33.01	0.00	33.01				33.01
Commercial, ToD							0.00
11 kV	100.35	0.00	100.35				100.35
33 kV	16.06	0.00	16.06				16.06
132 kV & Above	5.73	0.00	5.73				5.73
(B): Public Infrastructure & Tourism							0.00
11 kV	39.49	0.00	39.49				39.49
33 kV	7.97	0.00	7.97				7.97
132 kV & Above	0.00	0.00	0.00				0.00
Public Infrastructure & Tourism, ToD							0.00
11 kV	7.25	0.00	7.25				7.25
33 kV	1.51	0.00	1.51				1.51
132 kV & Above	0.00	0.00	0.00				0.00
(D) (i) Function Halls/Auditoriums							0.00
11 kV	3.46	0.00	3.46				3.46
33 kV	0.00	0.00	0.00				0.00
132 kV & Above	0.00	0.00	0.00				0.00
(D): (ii) Start up power							0.00
11 kV	11.33	0.00	11.33				11.33
33 kV	27.45	0.00	27.45				27.45
132 kV & Above	5.69	0.00	5.69				5.69
(E): Electric Vehicles (Evs) / Charging stations							0.00
11 kV	0.00	0.00	0.00				0.00
33 kV	0.00	0.00	0.00				0.00
132 kV & Above	0.00	0.00	0.00				0.00
(F): Green Power							0.00
11 kV	0.10	0.00	0.10				0.10
33 kV	0.10	0.00	0.10				0.10

Revenue from Current Tariffs (Rs. Crs.)	2019-20						
	Retail Supply (Regulated Business)			Surcharges (Open Access)		Grid Support Charges	Total Revenue
	Gross Revenue	Incentives	Net Revenue	Surcharge	Additional surcharge		
132 kV & Above	0.00	0.00	0.00				0.00
HT Cat-III : Industry							0.00
(A): Industrial General							0.00
11 kV	1064.52	1.15	1063.37				1063.37
33 kV	1502.66	6.68	1495.98				1495.98
132 kV & Above	981.79	3.06	978.74				978.74
Industry, ToD Peak (6 AM to 10 AM & 6 PM to 10 PM)							0.00
11 kV	221.25	0.00	221.25				221.25
33 kV	424.27	0.00	424.27				424.27
132 kV & Above	264.85	0.00	264.85				264.85
Industry, ToD Off Peak (10 PM to 6 AM)							0.00
11 kV	152.30	0.00	152.30				152.30
33 kV	334.11	0.00	334.11				334.11
132 kV & Above	226.76	0.00	226.76				226.76
Industrial colonies							0.00
11 kV	0.34	0.00	0.34				0.34
33 kV	4.59	0.00	4.59				4.59
132 kV & Above	5.79	0.00	5.79				5.79
(B): Seasonal Industries							0.00
11 kV	4.50	0.00	4.50				4.50
33 kV	0.44	0.00	0.44				0.44
132 kV & Above	0.00	0.00	0.00				0.00
(C): Energy Intensive Industries							0.00
11 kV	0.79	0.00	0.79				0.79
33 kV	46.44	0.00	46.44				46.44
132 kV & Above	40.57	0.00	40.57				40.57
HT Cat-IV : Institutional							0.00
(B): Composite Protected Water Supply Schemes/ PWS Schemes							0.00
11 kV	27.56	0.00	27.56				27.56
33 kV	31.26	0.00	31.26				31.26
132 kV & Above	0.00	0.00	0.00				0.00
(E): Religious Places							0.00
11 kV	4.20	0.00	4.20				4.20
33 kV	16.03	0.00	16.03				16.03
132 kV & Above	0.00	0.00	0.00				0.00
(F) Railway Traction	454.35	0.00	454.35				454.35
HT Cat-V : Agricultural & Related							0.00
(C): Aquaculture and Animal Husbandry							0.00
11 kV	19.10	0.00	19.10				19.10
33 kV	0.00	0.00	0.00				0.00
132 kV & Above	0.00	0.00	0.00				0.00
(D) Poultry Hatcheries and Poultry Feed Mixing Plants, Aqua Hatcheries and Aqua feed mixing plants & Floriculture in Green House							0.00
11 kV	48.28	0.00	48.28				48.28
33 kV	71.14	0.00	71.14				71.14
132 kV & Above	0.00	0.00	0.00				0.00
(F): Government / Private Lift Irrigation							0.00
11 kV	36.13	0.00	36.13				36.13
33 kV	62.12	0.00	62.12				62.12
132 kV & Above	813.04	0.00	813.04				813.04
RESCO							0.00
Kuppam	18.12	0.00	18.12				18.12
Grand Total (LT+HT)	15187.73	10.89	15203.23	0.00	0.00	0.00	15203.23

Revenue from Current Tariffs (Rs. Crs.)	2020-21						2021-22							
	Retail Supply (Regulated Business)			Surcharges (Open Access)		Grid Support Charges	Total Revenue	Retail Supply (Regulated Business)			Surcharges (Open Access)		Grid Support Charges	Total Revenue
	Gross Revenue	Incentives	Net Revenue	Surcharge	Additional surcharge			Gross Revenue	Incentives	Net Revenue	Surcharge	Additional surcharge		
LT Category	3915.02	0.00	3915.02	0.00	0.00	0.00	3915.02	4176.75	0.00	4176.75	0.00	0.00	0.00	4176.75
Domestic	1943.33	0.00	1943.33				1943.33	1915.51	0.00	1915.51				1915.51
Commerical & Others	775.67	0.00	775.67				775.67	911.96	0.00	911.96				911.96
Industry	393.44	0.00	393.44				393.44	443.27	0.00	443.27				443.27
Institutional	492.99	0.00	492.99				492.99	542.62	0.00	542.62				542.62
Agriculture & Related	309.60	0.00	309.60				309.60	363.39	0.00	363.39				363.39
														0.00
HT Category	5210.01	10.05	5199.96	0.00	0.00	0.00	5199.96	5942.42	11.89	5930.54	0.00	0.00	0.00	5930.54
HT Cat-I : Domestic														0.00
(B): Townships, Colonies, Gated Communities and Villas														0.00
11 kV	9.21	0.00	9.21				9.21	7.44	0.00	7.44				7.44
33 kV	2.31	0.00	2.31				2.31	3.41	0.00	3.41				3.41
132 kV & Above	0.00	0.00	0.00				0.00	0.00	0.00	0.00				0.00
HT Cat-II : Commercial & Others							0.00							0.00
Commercial							0.00							0.00
11 kV	190.21	0.00	190.21				190.21	229.13	0.00	229.13				229.13
33 kV	14.98	0.00	14.98				14.98	17.17	0.00	17.17				17.17
132 kV & Above	20.51	0.00	20.51				20.51	27.65	0.00	27.65				27.65
Commercial, ToD							0.00							0.00
11 kV	44.25	0.00	44.25				44.25	44.05	0.00	44.05				44.05
33 kV	3.41	0.00	3.41				3.41	2.87	0.00	2.87				2.87
132 kV & Above	12.22	0.00	12.22				12.22	6.60	0.00	6.60				6.60
(iv) Function Halls/Auditoriums							0.00							0.00
11 kV	2.12	0.00	2.12				2.12	3.46	0.00	3.46				3.46
33 kV	0.00	0.00	0.00				0.00	0.00	0.00	0.00				0.00
132 kV & Above	0.00	0.00	0.00				0.00	0.00	0.00	0.00				0.00
(B): Start up power							0.00							0.00
11 kV	0.22	0.00	0.22				0.22	0.25	0.00	0.25				0.25
33 kV	30.49	0.00	30.49				30.49	35.63	0.00	35.63				35.63
132 kV & Above	6.04	0.00	6.04				6.04	7.34	0.00	7.34				7.34
(C): Electric Vehicles (Evs) / Charging stations							0.00							0.00
11 kV	0.00	0.00	0.00				0.00	0.00	0.00	0.00				0.00
33 kV	0.00	0.00	0.00				0.00	0.00	0.00	0.00				0.00
132 kV & Above	0.00	0.00	0.00				0.00	0.00	0.00	0.00				0.00
(D): Green Power							0.00							0.00
11 kV	0.06	0.00	0.06				0.06	0.10	0.00	0.10				0.10
33 kV	0.20	0.00	0.20				0.20	0.79	0.00	0.79				0.79
132 kV & Above	0.00	0.00	0.00				0.00	0.00	0.00	0.00				0.00
HT Cat-III : Industry							0.00							0.00
(A): Industrial General							0.00							0.00
11 kV	458.37	1.12	457.25				457.25	547.18	1.39	545.79				545.79
33 kV	509.08	6.11	502.97				502.97	602.80	7.44	595.36				595.36
132 kV & Above	455.97	2.83	453.14				453.14	468.48	3.06	465.42				465.42
Industry, ToD Peak (6 AM to 10 AM & 6 PM to 10 PM)							0.00							0.00
11 kV	202.18	0.00	202.18				202.18	263.69	0.00	263.69				263.69

Revenue from Current Tariffs (Rs. Crs.)	2020-21						2021-22							
	Retail Supply (Regulated Business)			Surcharges (Open Access)		Grid Support Charges	Total Revenue	Retail Supply (Regulated Business)			Surcharges (Open Access)		Grid Support Charges	Total Revenue
	Gross Revenue	Incentives	Net Revenue	Surcharge	Additional surcharge			Gross Revenue	Incentives	Net Revenue	Surcharge	Additional surcharge		
33 kV	333.92	0.00	333.92				333.92	389.07	0.00	389.07				389.07
132 kV & Above	255.16	0.00	255.16				255.16	220.18	0.00	220.18				220.18
Industry, ToD Off Peak (10 PM to 6 AM)							0.00							0.00
11 kV	139.79	0.00	139.79				139.79	180.28	0.00	180.28				180.28
33 kV	257.73	0.00	257.73				257.73	311.31	0.00	311.31				311.31
132 kV & Above	241.38	0.00	241.38				241.38	260.27	0.00	260.27				260.27
Industrial colonies							0.00							0.00
11 kV	0.32	0.00	0.32				0.32	0.68	0.00	0.68				0.68
33 kV	0.60	0.00	0.60				0.60	0.58	0.00	0.58				0.58
132 kV & Above	5.65	0.00	5.65				5.65	5.70	0.00	5.70				5.70
(B): Seasonal Industries							0.00							0.00
11 kV	5.74	0.00	5.74				5.74	5.46	0.00	5.46				5.46
33 kV	0.00	0.00	0.00				0.00	0.00	0.00	0.00				0.00
132 kV & Above	0.00	0.00	0.00				0.00	0.00	0.00	0.00				0.00
(C): Energy Intensive Industries							0.00							0.00
11 kV	0.94	0.00	0.94				0.94	1.52	0.00	1.52				1.52
33 kV	56.82	0.00	56.82				56.82	62.70	0.00	62.70				62.70
132 kV & Above	58.43	0.00	58.43				58.43	55.06	0.00	55.06				55.06
HT Cat-IV : Institutional							0.00							0.00
(A): Utilities - Composite Protected Water Supply Schemes							0.00							0.00
11 kV	40.12	0.00	40.12				40.12	42.03	0.00	42.03				42.03
33 kV	58.73	0.00	58.73				58.73	67.46	0.00	67.46				67.46
132 kV & Above	0.00	0.00	0.00				0.00	0.00	0.00	0.00				0.00
(B): General Purpose							0.00							0.00
11 kV	49.08	0.00	49.08				49.08	65.06	0.00	65.06				65.06
33 kV	3.25	0.00	3.25				3.25	4.23	0.00	4.23				4.23
132 kV & Above	0.00	0.00	0.00				0.00	0.00	0.00	0.00				0.00
(C): Religious Places							0.00							0.00
11 kV	1.96	0.00	1.96				1.96	3.33	0.00	3.33				3.33
33 kV	11.88	0.00	11.88				11.88	18.68	0.00	18.68				18.68
132 kV & Above	0.00	0.00	0.00				0.00	0.00	0.00	0.00				0.00
(D) Railway Traction	284.23	0.00	284.23				284.23	396.36	0.00	396.36				396.36
HT Cat-V : Agricultural & Related							0.00							0.00
(B): Aquaculture and Animal Husbandry							0.00							0.00
11 kV	9.97	0.00	9.97				9.97	11.95	0.00	11.95				11.95
33 kV	0.00	0.00	0.00				0.00	0.00	0.00	0.00				0.00
132 kV & Above	0.00	0.00	0.00				0.00	0.00	0.00	0.00				0.00
(C):Poultry & Aqualture							0.00							0.00
(i) Poultry Hatcheries and Poultry Feed Mixing Plants							0.00							0.00
11 kV	13.02	0.00	13.02				13.02	14.52	0.00	14.52				14.52
33 kV	4.65	0.00	4.65				4.65	4.81	0.00	4.81				4.81
132 kV & Above	0.00	0.00	0.00				0.00	0.00	0.00	0.00				0.00
(ii): Aqua Hatcheries & Aqua Feed mixing plants							0.00							0.00
11 kV	14.11	0.00	14.11				14.11	13.98	0.00	13.98				13.98
33 kV	12.71	0.00	12.71				12.71	16.78	0.00	16.78				16.78
132 kV & Above	0.00	0.00	0.00				0.00	0.00	0.00	0.00				0.00
(E): Government / Private Lift Irrigation							0.00							0.00
11 kV	16.01	0.00	16.01				16.01	18.64	0.00	18.64				18.64
33 kV	55.73	0.00	55.73				55.73	68.02	0.00	68.02				68.02
132 kV & Above	1298.36	0.00	1298.36				1298.36	1414.98	0.00	1414.98				1414.98
RESCO														0.00
Kuppam	17.87	0.00	17.87				17.87	20.78	0.00	20.78				20.78
Grand Total (LT+HT)	9125.03	10.05	9114.98	0.00	0.00	0.00	9114.98	10119.17	11.89	10107.29	0.00	0.00	0.00	10107.29

Form 5 a
Incentives at current Tariffs
2018-19

Consumer Category	Data Link	Total		Remarks
		No. of consumers	Incentive Amount	
LT Category	Form-7	0	0.00	
Category I (A&B) - Domestic				
Category II (A,B & C) - Non-domestic/Commercial				
Category III (A & B) - Industrial				
Category IV (A,B &C) - Cottage Industries & Dhobighats				
Category V (A, B & C) - Irrigation and Agriculture				
Category VI (A & B) - Local Bodies, St. Lighting & PWS				
Category VII (A & B) - General Purpose				
Category VIII (A & B) -Temporary Supply				
HT Category at 11 KV		0	0.00	
HT I (A): General				
Lights and Fans				
Industrial Colonies				
Seasonal Industries				
Time of Day Tariffs Peak (6 AM to 10 AM & 6 PM to 10 PM)				
Time of Day Tariffs Off Peak (10 PM to 6 AM)				
HT I (B): Energy Intensive Industries				
HT I (C): Aquaculture and Animal Husbandry				
HT I (D): Poultry Hatcheries abd Poultry Feed Mixing Plants				
HT II: Others				
Time of Day Tariffs Peak (6 AM to 10 AM & 6 PM to 10 PM)				
HT II (B): Religious Places				
HT II (C): Function Halls/Auditoriums				
HT II (E): Electric Vehicles (Evs) / Charging stations				
Time of Day Tariffs Peak (6 AM to 10 AM & 6 PM to 10 PM)				
Time of Day Tariffs Off Peak (10 PM to 6 AM)				
HT II (F) : Start up power				
HT III: Public Infrastructure and Tourism				
Time of Day Tariffs (6 PM to 10 PM)				
HT IV Government LIS				
HT IV Private Irrigation and Agriculture				
HT IV CPWS				
HT VI: Townships & Residential Colonies				
HT VII: Green Power				
HT VIII: Temporary				
Category: RESCOs				

Consumer Category	Data Link	Total		Remarks
		No. of consumers	Incentive Amount	
HT Category at 33 KV		0	0.00	
HT I (A): General				
Lights and Fans				
Industrial Colonies				
Seasonal Industries				
Time of Day Tariffs Peak (6 AM to 10 AM & 6 PM to 10 PM)				
Time of Day Tariffs Off Peak (10 PM to 6 AM)				
HT I (B): Energy Intensive Industries				
HT I (C) : Aquaculture and Animal Husbandry				
HT I (D) : Poultry Hatcheries and Poultry Feed Mixing Plants				
HT II: Others				
Time of Day Tariffs (6 PM to 10 PM)				
HT II (B): Religious Places				
HT II (C) : Function Halls / Auditoriums				
HT II (E): Electric Vehicles (Evs) / Charging stations				
Time of Day Tariffs Peak (6 AM to 10 AM & 6 PM to 10 PM)				
Time of Day Tariffs Off Peak (10 PM to 6 AM)				
HT II (F) : Start up power				
HT III: Public Infrastructure and Tourism				
Time of Day Tariffs (6 PM to 10 PM)				
HT IV - Government LIS				
HT IV Agriculture				
HT IV CPWS				
HT VI: Townships & Residential Colonies				
HT VII: Green Power				
HT VIII: Temporary				
Category: RESCOs				
HT Category at 132 KV		0	0.00	
HT I (A): General				
Lights and Fans				
Industrial Colonies				
Seasonal Industries				
Time of Day Tariffs Peak (6 AM to 10 AM & 6 PM to 10 PM)				
Time of Day Tariffs Off Peak (10 PM to 6 AM)				
HT I (B): Energy Intensive Industries				
HT I (C) : Aquaculture and Animal Husbandry				
HT I (D): Poultry and Hatcheries and Poultry Feed Mixing Plants				
HT II: Others				
Time of Day Tariffs (6 PM to 10 PM)				
HT II (B): Religious Places				
HT II (C) : Function Halls / Auditoriums				
HT II (E): Electric Vehicles (Evs) / Charging stations				
Time of Day Tariffs Peak (6 AM to 10 AM & 6 PM to 10 PM)				
Time of Day Tariffs Off Peak (10 PM to 6 AM)				
HT II (F) : Start up power				
HT III: Public Infrastructure and Tourism				
Time of Day Tariffs (6 PM to 10 PM)				
HT IV - Government LIS				
HT IV Agriculture				
HT IV CPWS				
HT V: Railway Traction				
HT VI: Townships & Residential Colonies				
HT VII: Green Power				
HT VIII: Temporary				
Category: RESCOs				
Total (LT & HT)		0.00	0.00	

Consumer Category	Data Link	Total		Remarks
		No. of consumers	Incentive Amount	

2019-20

Consumer Category	Data Link	Total		Remarks
		No. of consumers	Incentive Amount	
LT Category	<u>Form-7</u>	0	0	
Domestic				
Commerical & Others				
Industry				
Institutional				
Agriculture & Related				
HT Category		3619	11	
HT Cat-(A): Domestic				
(B): Townships, Colonies, Gated Communities and Villas				
11 kV				
33 kV				
132 kV & Above				
HT Cat-II : Commercial & Others				
(A): Commercial				
11 kV				
33 kV				
132 kV & Above				
Commercial, ToD				
11 kV				
33 kV				
132 kV & Above				
(B): Public Infrastructure & Tourism				
11 kV				
33 kV				
132 kV & Above				
Public Infrastructure & Tourism, ToD				
11 kV				
33 kV				
132 kV & Above				
(D) (i) Function Halls/Auditoriums				
11 kV				
33 kV				
132 kV & Above				
(D): (ii) Start up power				
11 kV				
33 kV				
132 kV & Above				

Consumer Category	Data Link	Total		Remarks
		No. of consumers	Incentive Amount	
(E): Electric Vehicles (Evs) / Charging stations				
11 kV				
33 kV				
132 kV & Above				
(F): Green Power				
11 kV				
33 kV				
132 kV & Above				
HT Cat-III : Industry				
(A): Industrial General				
11 kV		2304	1.15	
33 kV		1203	6.68	
132 kV & Above		112	3.06	
Industry, ToD Peak (6 AM to 10 AM & 6 PM to 10 PM)				
11 kV				
33 kV				
132 kV & Above				
Industry, ToD Off Peak (10 PM to 6 AM)				
11 kV				
33 kV				
132 kV & Above				
Industrial colonies				
11 kV				
33 kV				
132 kV & Above				
(B): Seasonal Industries				
11 kV				
33 kV				
132 kV & Above				
(C): Energy Intensive Industries				
11 kV				
33 kV				
132 kV & Above				
HT Cat-IV : Institutional				
(B): Composite Protected Water Supply Schemes/ PWS Schemes				
11 kV				
33 kV				
132 kV & Above				
(E): Religious Places				
11 kV				
33 kV				
132 kV & Above				
(F) Railway Traction				
HT Cat-V : Agricultural & Related				
(C): Aquaculture and Animal Husbandry				
11 kV				
33 kV				
132 kV & Above				
(D) Poultry Hatcheries and Poultry Feed Mixing Plants, Aqua Hatcheries and Aqua feed mixing plants & Floriculture in Green House				
11 kV				
33 kV				
132 kV & Above				
(F): Government / Private Lift Irrigation				
11 kV				
33 kV				
132 kV & Above				
RESCO				
Kuppam				
Grand Total (LT+HT)		3619	10.89	

Consumer Category	Data Link	Total		Remarks
		No. of consumers	Incentive Amount	

2020-21

Consumer Category	Data Link	Total		Remarks
		No. of consumers	Incentive Amount	
		LT Category	Form-7	
Domestic				
Commerical & Others				
Industry				
Institutional				
Agriculture & Related				
HT Category		1534	10	
HT Cat-I : Domestic				
(B): Townships, Colonies, Gated Communities and Villas				
11 kV				
33 kV				
132 kV & Above				
HT Cat-II : Commercial & Others				
Commercial				
11 kV				
33 kV				
132 kV & Above				
Commercial, ToD				
11 kV				
33 kV				
132 kV & Above				
(iv) Function Halls/Auditoriums				
11 kV				
33 kV				
132 kV & Above				
(B): Start up power				
11 kV				
33 kV				
132 kV & Above				
(C): Electric Vehicles (Evs) / Charging stations				
11 kV				
33 kV				
132 kV & Above				
(D): Green Power				
11 kV				
33 kV				
132 kV & Above				

Consumer Category	Data Link	Total		Remarks
		No. of consumers	Incentive Amount	
HT Cat-III : Industry				
(A): Industrial General				
11 kV		976	1.12	
33 kV		508	6.11	
132 kV & Above		50	2.83	
Industry, ToD Peak (6 AM to 10 AM & 6 PM to 10 PM)				
11 kV				
33 kV				
132 kV & Above				
Industry, ToD Off Peak (10 PM to 6 AM)				
11 kV				
33 kV				
132 kV & Above				
Industrial colonies				
11 kV				
33 kV				
132 kV & Above				
(B): Seasonal Industries				
11 kV				
33 kV				
132 kV & Above				
(C): Energy Intensive Industries				
11 kV				
33 kV				
132 kV & Above				
HT Cat-IV : Institutional				
(A): Utilities - Composite Protected Water Supply Schemes				
11 kV				
33 kV				
132 kV & Above				
(B): General Purpose				
11 kV				
33 kV				
132 kV & Above				
(C): Religious Places				
11 kV				
33 kV				
132 kV & Above				
(D) Railway Traction				
HT Cat-V : Agricultural & Related				
(B): Aquaculture and Animal Husbandry				
11 kV				
33 kV				
132 kV & Above				
(C):Poultry & Aquature				
(i) Poultry Hatcheries and Poultry Feed Mixing Plants				
11 kV				
33 kV				
132 kV & Above				
(ii): Aqua Hatcheries & Aqua Feed mixing plants				
11 kV				
33 kV				
132 kV & Above				
(E): Government / Private Lift Irrigation				
11 kV				
33 kV				
132 kV & Above				
RESCO				
Kuppam				
Total (LT & HT)		1534	10.05	

Consumer Category	Data Link	Total		Remarks
		No. of consumers	Incentive Amount	

2021-22

Consumer Category	Data Link	Total		Remarks
		No. of consumers	Incentive Amount	
	LT Category	<u>Form-7</u>	0	
Domestic				
Commerical & Others				
Industry				
Institutional				
Agriculture & Related				
HT Category		1868	12	
HT Cat-I : Domestic				
(B): Townships, Colonies, Gated Communities and Villas				
11 kV				
33 kV				
132 kV & Above				
HT Cat-II : Commercial & Others				
Commercial				
11 kV				
33 kV				
132 kV & Above				
Commercial, ToD				
11 kV				
33 kV				
132 kV & Above				
(iv) Function Halls/Auditoriums				
11 kV				
33 kV				
132 kV & Above				
(B): Start up power				
11 kV				
33 kV				
132 kV & Above				
(C): Electric Vehicles (Evs) / Charging stations				
11 kV				
33 kV				
132 kV & Above				
(D): Green Power				
11 kV				
33 kV				
132 kV & Above				
HT Cat-III : Industry				
(A): Industrial General				
11 kV		1372	1.39	
33 kV		468	7.44	
132 kV & Above		28	3.06	
Industry, ToD Peak (6 AM to 10 AM & 6 PM to 10 PM)				
11 kV				
33 kV				
132 kV & Above				

Consumer Category	Data Link	Total		Remarks
		No. of consumers	Incentive Amount	
Industry, ToD Off Peak (10 PM to 6 AM)				
11 kV				
33 kV				
132 kV & Above				
Industrial colonies				
11 kV				
33 kV				
132 kV & Above				
(B): Seasonal Industries				
11 kV				
33 kV				
132 kV & Above				
(C): Energy Intensive Industries				
11 kV				
33 kV				
132 kV & Above				
HT Cat-IV : Institutional				
(A): Utilities - Composite Protected Water Supply Schemes				
11 kV				
33 kV				
132 kV & Above				
(B): General Purpose				
11 kV				
33 kV				
132 kV & Above				
(C): Religious Places				
11 kV				
33 kV				
132 kV & Above				
(D) Railway Traction				
HT Cat-V : Agricultural & Related				
(B): Aquaculture and Animal Husbandry				
11 kV				
33 kV				
132 kV & Above				
(C):Poultry & Aqualture				
(i) Poultry Hatcheries and Poultry Feed Mixing Plants				
11 kV				
33 kV				
132 kV & Above				
(ii): Aqua Hatcheries & Aqua Feed mixing plants				
11 kV				
33 kV				
132 kV & Above				
(E): Government / Private Lift Irrigation				
11 kV				
33 kV				
132 kV & Above				
RESCO				
Kuppam				
Total (LT & HT)		1868	11.89	

Revenue from Current Tariffs (Rs. Crs.)	Detail Links	Area 1				Area 2				
		Name of Area :	Number of consumers	Sales (MU)	Average Supply Rate (Rs/kWh)	Amount (In Rs crores)	Name of Area :	Number of consumers	Sales (MU)	Average Supply Rate (Rs/kWh)
HT Category at 132 KV			0	0.00	0.00	0	0.00			0.00
HT I (A): General										
Lights and Fans										
Industrial Colonies										
Seasonal Industries										
HT I (B): Energy Intensive Industries										
HT I (C) : Aquaculture and Animal Husbandry										
HT I (D): Poultry and Hatcheries and Poultry Feed Mixing Plants										
HT II: Others										
Time of Day Tariffs (6 PM to 10 PM)										
HT II (B): Religious Places										
HT II (C) : Function Halls / Auditoriums										
HT II (E): Electric Vehicles (Evs) / Charging stations										
Time of Day Tariffs Peak (6 AM to 10 AM & 6 PM to 10 PM)										
Time of Day Tariffs Off Peak (10 PM to 6 AM)										
HT II (F) : Start up power										
HT III: Public Infrastructure and Tourism										
Time of Day Tariffs (6 PM to 10 PM)										
HT IV Government LIS										
HT IV Agriculture										
HT IV CPWS										
HT V: Railway Traction										
HT VI: Townships & Residential Colonies										
HT VII: Green Power										
HT VIII: Temporary										
Category: RESCOs										
Total			0	0.00	0.00	0	0.00			0.00

		Area 1				Area 2			
		Name of Area :			Name of Area :				
Revenue from Current Tariffs (Rs. Crs.)	Detail Links	Number of consumers	Sales (MU)	Average Supply Rate (Rs/kWh)	Amount (In Rs crores)	Number of consumers	Sales (MU)	Average Supply Rate (Rs/kWh)	Amount (In Rs crores)
2019-20									
		Area 1				Area 2			
		Name of Area :			Name of Area :				
Revenue from Current Tariffs (Rs. Crs.)	Detail Links	Number of consumers	Sales (MU)	Average Supply Rate (Rs/kWh)	Amount (In Rs crores)	Number of consumers	Sales (MU)	Average Supply Rate (Rs/kWh)	Amount (In Rs crores)
LT Category									
Domestic									
Commerical & Others									
Industry									
Institutional									
Agriculture & Related									
HT Category									
HT Cat-(A): Domestic									
(B): Townships, Colonies, Gated Communities and Villas									
11 kV									
33 kV									
132 kV & Above									
HT Cat-II : Commercial & Others									
(A): Commercial									
11 kV									
33 kV									
132 kV & Above									
Commercial, ToD									
11 kV									
33 kV									
132 kV & Above									
(B): Public Infrastructure & Tourism									
11 kV									
33 kV									
132 kV & Above									
Public Infrastructure & Tourism, ToD									
11 kV									
33 kV									
132 kV & Above									
(D) (i) Function Halls/Auditoriums									
11 kV									
33 kV									
132 kV & Above									
(D): (ii) Start up power									
11 kV									
33 kV									
132 kV & Above									
(E): Electric Vehicles (Evs) / Charging stations									
11 kV									
33 kV									
132 kV & Above									
(F): Green Power									
11 kV									
33 kV									
132 kV & Above									
HT Cat-III : Industry									
(A): Industrial General									
11 kV									
33 kV									
132 kV & Above									
Industry, ToD Peak (6 AM to 10 AM & 6 PM to 10 PM)									
11 kV									
33 kV									
132 kV & Above									
Industry, ToD Off Peak (10 PM to 6 AM)									
11 kV									
33 kV									
132 kV & Above									
Industrial colonies									
11 kV									
33 kV									
132 kV & Above									
(B): Seasonal Industries									
11 kV									
33 kV									
132 kV & Above									
(C): Energy Intensive Industries									
11 kV									

Revenue from Current Tariffs (Rs. Crs.)	Detail Links	Area 1				Area 2			
		Name of Area :				Name of Area :			
		Number of consumers	Sales (MU)	Average Supply Rate (Rs/kWh)	Amount (In Rs crores)	Number of consumers	Sales (MU)	Average Supply Rate (Rs/kWh)	Amount (In Rs crores)
33 kV									
132 kV & Above									
HT Cat-IV : Institutional									
(B): Composite Protected Water Supply Schemes/ PWS Schemes									
11 kV									
33 kV									
132 kV & Above									
(E): Religious Places									
11 kV									
33 kV									
132 kV & Above									
(F) Railway Traction									
HT Cat-V : Agricultural & Related									
(C): Aquaculture and Animal Husbandry									
11 kV									
33 kV									
132 kV & Above									
(D) Poultry Hatcheries and Poultry Feed Mixing Plants, Aqua Hatcheries and Aqua feed mixing plants & Floriculture in Green House									
11 kV									
33 kV									
132 kV & Above									
(F): Government / Private Lift Irrigation									
11 kV									
33 kV									
132 kV & Above									
RESCO									
Kuppam									
Total		0	0.00		0.00	0	0.00		0.00

		Area 1				Area 2			
		Name of Area :			Name of Area :				
Revenue from Current Tariffs (Rs. Crs.)	Detail Links	Number of consumers	Sales (MU)	Average Supply Rate (Rs/kWh)	Amount (In Rs crores)	Number of consumers	Sales (MU)	Average Supply Rate (Rs/kWh)	Amount (In Rs crores)
2020-21									
		Area 1				Area 2			
		Name of Area :			Name of Area :				
Revenue from Current Tariffs (Rs. Crs.)	Detail Links	Number of consumers	Sales (MU)	Average Supply Rate (Rs/kWh)	Amount (In Rs crores)	Number of consumers	Sales (MU)	Average Supply Rate (Rs/kWh)	Amount (In Rs crores)
LT Category									
Domestic									
Commerical & Others									
Industry									
Institutional									
Agriculture & Related									
HT Category									
HT Cat-I : Domestic									
(B): Townships, Colonies, Gated Communities and Villas									
11 kV									
33 kV									
132 kV & Above									
HT Cat-II : Commercial & Others									
Commercial									
11 kV									
33 kV									
132 kV & Above									
Commercial, ToD									
11 kV									
33 kV									
132 kV & Above									
(iv) Function Halls/Auditoriums									
11 kV									
33 kV									
132 kV & Above									
(B): Start up power									
11 kV									
33 kV									
132 kV & Above									
(C): Electric Vehicles (Evs) / Charging stations									
11 kV									
33 kV									
132 kV & Above									
(D): Green Power									
11 kV									
33 kV									
132 kV & Above									
HT Cat-III : Industry									
(A): Industrial General									
11 kV									
33 kV									
132 kV & Above									
Industry, ToD Peak (6 AM to 10 AM & 6 PM to 10 PM)									
11 kV									
33 kV									
132 kV & Above									
Industry, ToD Off Peak (10 PM to 6 AM)									
11 kV									
33 kV									
132 kV & Above									
Industrial colonies									
11 kV									
33 kV									
132 kV & Above									
(B): Seasonal Industries									
11 kV									
33 kV									
132 kV & Above									
(C): Energy Intensive Industries									
11 kV									
33 kV									
132 kV & Above									
HT Cat-IV : Institutional									
(A): Utilities - Composite Protected Water Supply Schemes									
11 kV									
33 kV									
132 kV & Above									
(B): General Purpose									

Revenue from Current Tariffs (Rs. Crs.)	Detail Links	Area 1				Area 2				
		Name of Area :	Number of consumers	Sales (MU)	Average Supply Rate (Rs/kWh)	Amount (In Rs crores)	Name of Area :	Number of consumers	Sales (MU)	Average Supply Rate (Rs/kWh)
11 kV										
33 kV										
132 kV & Above										
(C): Religious Places										
11 kV										
33 kV										
132 kV & Above										
(D) Railway Traction										
HT Cat-V : Agricultural & Related										
(B): Aquaculture and Animal Husbandry										
11 kV										
33 kV										
132 kV & Above										
(C):Poultry & Aqualture										
(i) Poultry Hatcheries and Poultry Feed Mixing Plants										
11 kV										
33 kV										
132 kV & Above										
(ii): Aqua Hatcheries & Aqua Feed mixing plants										
11 kV										
33 kV										
132 kV & Above										
(E): Government / Private Lift Irrigation										
11 kV										
33 kV										
132 kV & Above										
RESCO										
Kuppam										
Total		0	0.00		0.00	0	0.00		0.00	

Revenue from Current Tariffs (Rs. Crs.)	Detail Links	Area 1				Area 2			
		Name of Area :				Name of Area :			
		Number of consumers	Sales (MU)	Average Supply Rate (Rs/kWh)	Amount (In Rs crores)	Number of consumers	Sales (MU)	Average Supply Rate (Rs/kWh)	Amount (In Rs crores)
Industry , ToD Off Peak (10 PM to 6 AM)									
11 kV									
33 kV									
132 kV & Above									
Industrial colonies									
11 kV									
33 kV									
132 kV & Above									
(B): Seasonal Industries									
11 kV									
33 kV									
132 kV & Above									
(C): Energy Intensive Industries									
11 kV									
33 kV									
132 kV & Above									
HT Cat-IV : Institutional									
(A): Utilities - Composite Protected Water Supply Schemes									
11 kV									
33 kV									
132 kV & Above									
(B): General Purpose									
11 kV									
132 kV & Above									
(C): Religious Places									
11 kV									
33 kV									
132 kV & Above									
(D) Railway Traction									
HT Cat-V : Agricultural & Related									
(B): Aquaculture and Animal Husbandry									
11 kV									
33 kV									
132 kV & Above									
(C):Poultry & Aqualture									
(i) Poultry Hatcheries and Poultry Feed Mixing Plants									
11 kV									
33 kV									
132 kV & Above									
(ii): Aqua Hatcheries & Aqua Feed mixing plants									
11 kV									
33 kV									
132 kV & Above									
(E): Government / Private Lift Irrigation									
11 kV									
33 kV									
132 kV & Above									
RESCO									
Kuppam									
Total		0	0.00		0.00	0	0.00		0.00

Form 6

Non-tariff Income at Current Charges

This form refers to 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	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24
Rebate on Power Purchase		96.60	19.49	12.73	13.62		
Cap S/c		82.86	101.07	71.23	76.22		
Gain/loss (Billing)		-0.11	-0.16	-0.11	-0.12		
HT EPSS		0.00	0.00	0.00	0.00		
IED		6.12	6.99	5.18	5.54		
Int on Bank Deposits		0.67	0.22	0.14	0.15		
LPF		2.94	5.61	4.66	4.98		
LVSe		8.67	15.00	10.45	11.18		
Malpractice		6.40	4.71	2.16	2.31		
Prior Period HT		-27.99	-39.44	-40.63	-43.47		
Prior Period LT		-8.70	-29.26	-26.03	-27.85		
Reactive Income		1.14	2.35	1.54	1.65		
Receipt of Direct Ta		2.57	1.72	1.42	1.52		
Recoveries for TP		0.00	0.00	0.00	0.00		
Theft		16.59	9.36	5.82	6.23		
Reconnection fee		56.29	59.64	29.61	31.68		
Delayed payment surcharge		654.46	857.19	670.24	717.15		
Total Non tariff income		898.52	1014.49	748.41	800.80	0.00	0.00

2018-19

Consumer Categories	No of consumers	Components of tariff			Relevant sales related data				Full year revenue excluding external subsidy					
		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)
LT Total - (Existing Categories)	10728800				23617.08	0.00	10541.36	11154292.58	6242.32	324.89	88.56	431.94	0.00	7087.71
Category- Domestic (All)	8169327				8672.82	0.00	8209.97	0.00	2828.94	0.00	70.66	329.48	0.00	3229.08
Group A: All consumers with annual consumption <= 900 Units	4409111				2314.68	0.00	2817.32	0.00	426.06	0.00	58.16	138.74	0.00	622.95
0-50	3416939	1.45			1742.39		2116.30		252.65	0.00	58.16	102.51		413.31
51-100	913423	2.60			440.38		620.64		114.50	0.00		32.88		147.38
101-200	72709	3.60			97.28		73.07		35.02	0.00		3.05		38.07
Above 200	6040	6.90			34.63		7.31		23.90	0.00		0.29		24.19
Group B: All consumers with consumption (<=2700 and > 900 units)	3286587				4679.61	0.00	3923.04	0.00	1450.49	0.00	7.62	163.90	0.00	1622.01
0-50	381335	2.60			1818.60		431.11		472.84	0.00	7.62	16.02		496.47
51-100	1600710	2.60			1487.48		1664.88		386.75	0.00		76.83		463.58
101-200	1214684	3.60			1103.20		1678.74		397.15	0.00		65.59		462.75
201-300	78669	6.90			185.32		133.11		127.87	0.00		4.72		132.59
Above 300	11189	7.75			85.01		15.20		65.88	0.00		0.74		66.62
Group C: All consumers with annual consumption >2700 units	473629				1678.53	0.00	1469.61	0.00	952.39	0.00	4.88	26.85	0.00	984.12
0-50	15383	2.68			272.20		36.92		72.95	0.00	4.88	0.65		78.48
51-100	29723	3.35			260.31		74.46		87.21	0.00		1.43		88.63
101-200	218164	5.42			458.52		614.77		248.52	0.00		11.78		260.30
201-300	148680	7.11			298.35		463.63		212.13	0.00		8.92		221.05
301-400	37215	7.98			154.17		144.95		123.03	0.00		2.46		125.48
401-500	10992	8.52			80.19		52.79		68.32	0.00		0.73		69.05
Above 500 units	13472	9.06			154.79		82.09		140.24	0.00		0.89		141.13
Smart Meters (Optional for above 500 units/month)		9.06							0.00	0.00				0.00
Time of Day Tariff (ToD) 10 AM to 12 Noon		8.06							0.00	0.00				0.00
Category II - Non-domestic/Commr (A, B, C, D, E & F)	828729				1907.34	0.00	2097.45	0.00	1733.29	167.72	16.57	35.15	0.00	1952.73
Category II - Non-domestic/Commr (A & B)	826028				1883.55	0.00	2054.84	0.00	1705.18	167.46	16.57	34.99	0.00	1924.20
Lt - II (A) Upto 50 units/month	487284				102.85	0.00	728.11	0.00	55.54	48.06	16.57	17.54	0.00	137.71
0-50 units	487284	5.40	660.00		102.85		728.11		55.54	48.06	16.57	17.54		137.71
Lt - II (B) >50 Units/month	338744				1780.70	0.00	1326.73	0.00	1649.64	119.41	0.00	17.44	0.00	1786.49
0-50 units	0	6.90	900.00		226.26		0.00		156.12	0.00		0.00		156.12
51- 100 units	141268	7.69	900.00		177.73		238.16		136.67	21.43		6.78		164.89
101- 300 units	123656	9.06	900.00		321.07		325.44		290.89	29.29		6.68		326.86
301- 500 units	26932	9.61	900.00		167.87		132.98		161.33	11.97		1.45		174.75
Above 500 units	46888	10.19	900.00		887.76		630.16		904.63	56.71		2.53		963.88
LT II (C): Advertisement Hoardings	749	12.28	900.00		2.19		2.87		2.69	0.26		0.04		3.00
LT II (D) : Function Halls / Auditoriums	1952	11.77			21.60		39.75		25.42	0.00		0.12		25.54
LT II (E): Electric Vehicles (Evs) / Charging stations		6.95							0.00	0.00		0.00		0.00
Time of Day Tariffs Peak (6 AM to 10 AM & 6 PM to 10 PM)		8.00							0.00	0.00				0.00
Time of Day Tariffs Off Peak (10 PM to 6 AM)		5.95							0.00	0.00				0.00
LT II (F) : Start up power		11.77							0.00	0.00		0.00		0.00
Category III - Industrial	78352				2303.37	0.00	0.00	2264537.00	1180.47	114.89	0.00	5.92	0.00	1301.28
Industries (General)	44788	6.71	900.00		1017.64			1321409.00	682.84	88.68		3.39		774.91
Seasonal Industries (off season)	0	7.45	900.00		0.01			0.00	0.01	0.00		0.00		0.01
Aquaculture and Animal Husbandry	32298	3.86	360.00		1271.07			920263.00	490.63	24.70		2.44		517.78
Sugarcane crushing	37	3.86	360.00		1.78			808.00	0.69	0.02		0.00		0.71
Mushroom and Rabbit farms	7	5.91	900.00		0.06			80.00	0.04	0.01		0.00		0.04
Floriculture in Green House	6	5.91	900.00		0.04			42.00	0.02	0.00		0.00		0.02
Poultry Hatcheries & Poultry Feed mixing plants, Aqua Hatcheries and Aqua Feed mixing plants	1216	4.89	900.00		12.76			21935.00	6.24	1.47		0.09		7.81

Consumer Categories	No of consumers	Components of tariff			Relevant sales related data				Full year revenue excluding external subsidy					
		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)
Category IV- Cottage Industries	13173				44.29	0.00	0.00	52864.00	16.61	0.95	0.00	0.47	0.00	18.03
Cat -IV(A) - Cottage Industr. upto 10 HP	13077	3.75		240.00	44.01			52485.00	16.50	0.94		0.47		17.91
Cat -IV(B) - Agro Based Acticity upto 10 HP	96	3.75		240.00	0.28			379.00	0.11	0.01		0.00		0.12
Category V (A,B & C) - Agriculture (1+2)	1460452				9832.49	0.00	0.00	8538967.58	3.00	0.25	0.00	52.58	0.00	55.82
Category V(A&B) - Agriculture - (1)	1457550				9827.80	0.00	0.00	8528495.74	1.70	0.00	0.00	52.47	0.00	54.17
LT (A) with DSM	1244155				9820.55	0.00	0.00	7340884.75	0.64	0.00	0.00	44.79	0.00	45.43
Corporate Farmers & IT Assesses	232556	2.50			2.11			1489560.09	0.53	0.00		8.37		8.90
Wet Land Farmers (Holdings >2.5 acre)	4859	0.50			2.04			23622.84	0.10	0.00		0.17		0.28
Dry Land Farmers (Connections > 3 nos.)	1653	0.50			0.11			9444.64	0.01	0.00		0.06		0.06
Wet Land Farmers (Holdings <= 2.5 acre)	196061				99.47			945492.90	0.00	0.00		7.06		7.06
Dry Land Farmers (Connections <= 3 nos.)	809026				9716.82			4872764.30	0.00	0.00		29.12		29.12
LT (B) without DSM	213395				7.25	0.00	0.00	1187610.99	1.07	0.00	0.00	7.68	0.00	8.75
Corporate Farmers & IT Assesses	201320	3.50			1.52			1126906.94	0.53	0.00		7.25		7.78
Wet Land Farmers (Holdings >2.5 acre)	9291	1.00			4.56			44789.11	0.46	0.00		0.33		0.79
Dry Land Farmers (Connections > 3 nos.)	1929	1.00			0.39			11063.40	0.04	0.00		0.07		0.11
Wet Land Farmers (Holdings <= 2.5 acre)	472	0.50			0.42			2504.83	0.02	0.00		0.02		0.04
Dry Land Farmers (Connections <= 3 nos.)	383	0.50			0.35			2346.70	0.02	0.00		0.01		0.03
Category LT V(C) - Others - (2)	2902.00				4.69	0.00	0.00	10471.84	1.30	0.25	0.00	0.10	0.00	1.65
Salt Farming Units with CL upto 15HP	1451	3.70		240.00	2.69			5723.27	1.00	0.14		0.05		1.19
Rural Horticulture Nurseries	1451.00				2.00	0.00	0.00	4748.57	0.30	0.11	0.00	0.05	0.00	0.47
Rural Horticulture Nurseries (load upto 5HP)	1451	1.50		240.00	2.00			4748.57	0.30	0.11		0.05		0.47
Rural Horticulture Nurseries (> 5HP)		3.70		240.00					0.00	0.00		0.00		0.00
Category VI - Street Lighting & PWS	109520				745.64	0.00	112.87	297924.00	402.38	36.72	0.00	4.59	0.00	443.70
VI(A) - Street Lighting	64348				187.48	0.00	112.87	0.00	118.16	10.16	0.00	2.70	0.00	131.02
Panchayats	46465	5.98	900.00		115.99		72.12		69.36	6.49		1.95		77.81
Municipalities	8898	6.53	900.00		33.71		18.45		22.01	1.66		0.37		24.05
Municipal Corporations	8985	7.09	900.00		37.78		22.30		26.79	2.01		0.38		29.17
VI(B) - PWS Schemes	44236				553.12	0.00	0.00	294753.00	282.21	26.53	0.00	1.86	0.00	310.59
Panchayats	39003	4.87	900.00	900.00	455.94			252612.00	222.04	22.74		1.64		246.42
Municipalities	2932	5.98		900.00	59.92			24832.00	35.83	2.23		0.12		38.19
Municipal Corporations	2301	6.53		900.00	37.27			17309.00	24.34	1.56		0.10		25.99
VI(C) - NTR Sjujala Pathakam	936	4.00		120.00	5.04			3171.00	2.01	0.04		0.03		2.09
Category VII (A&B)	69175				109.81	0.00	120.25	0.00	76.25	4.33	1.33	3.74	0.00	85.64
Cat VII(A) - General Purpose	57501	7.28	360.00		93.87		103.48		68.34	3.73	1.32	3.11		76.49
Cat VII-B - Religious Places	11674				15.94	0.00	16.77	0.00	7.91	0.60	0.00	0.63	0.00	9.14
With contracted load <= 2 kw	666	4.84	360.00		6.31		5.24		3.05	0.19	0.00	0.04		3.28
With contracted load > 2 kw	11008	5.04	360.00		9.63		11.53		4.85	0.42		0.59		5.86
Category VIII-Temporary Supply	72				1.32	0.00	0.82	0.00	1.39	0.03	0.00	0.00	0.00	1.42
Temp. Supply (for all units)	72	10.50	360.00		1.32		0.82		1.39	0.03		0.00		1.42
New L T Categories (Total)	0							0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL (LT including new categories)	10728800				23617.08	0.00	10541.36	11154292.58	6242.32	324.89	88.56	431.94	0.00	7087.71
HIGH TENSION	6830				11271.83	0.00		0.00	6246.94	1636.92	0.00	13.09	0.00	7896.95
HT Category at 11 kv					2729.79	0.00		0.00	1539.86	640.34	0.00	9.96	0.00	2190.16
HT I (A): General	3221	6.33	5700.00		471.87		750.09		298.69	427.55		5.43		731.68
Lights and Fans		6.33			35.00				22.16	0.00		0.00		22.16
Industrial Colonies		6.32			1.71				1.08	0.00		0.00		1.08
Seasonal Industries		7.66	5700.00		3.96				3.03	0.00		0.00		3.03
Time of Day Tariffs Peak (6 AM to 10 AM & 6 PM to 10 PM)		7.38			445.05				328.45	0.00		0.00		328.45
Time of Day Tariffs Off Peak (10 PM to 6 AM)		5.33			412.59				219.91	0.00		0.00		219.91
HT I (B): Energy Intensive Industries	3	5.82			2.26		0.74		1.31	0.00		0.01		1.32
HT I (C): Aquaculture and Animal Husbandry	59	3.86	360.00		34.52		20.74		13.33	0.75		0.10		14.17
HT I (D): Poultry Hatcheries abd Poultry Feed Mixing Plants	98	4.89	5700.00		40.70		25.64		19.90	14.61		0.17		34.68
HT II: Others	1777	7.66	5700.00		501.49		329.53		384.14	187.83		3.00		574.97
Time of Day Tariffs Peak (6 AM to 10 AM & 6 PM to 10 PM)		8.71			131.38				114.43	0.00		0.00		114.43
HT II (B): Religious Places	16	5.03	360.00		5.98		3.29		3.01	0.12		0.03		3.15
HT II (C): Function Halls/Auditoriums	121	11.77			8.90		21.59		10.48	0.00		0.20		10.68
HT II (E): Electric Vehicles (Evs) / Charging stations		6.95			0.00				0.00	0.00		0.00		0.00
Time of Day Tariffs Peak (6 AM to 10 AM & 6 PM to 10 PM)		8.00			0.00				0.00	0.00		0.00		0.00

Consumer Categories	No of consumers	Components of tariff			Relevant sales related data				Full year revenue excluding external subsidy					
		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)
Time of Day Tariffs Off Peak (10 PM to 6 AM)		5.95			0.00				0.00	0.00				0.00
HT II (F) : Start up power	6	11.77			0.21		0.44		0.24	0.00				0.01
HT III: Public Infrastructure and Tourism	65	7.30	5700.00		34.08		15.11		24.88	8.61				0.11
Time of Day Tariffs (6 PM to 10 PM)		8.35			7.96				6.64	0.00				0.00
HT IV Government LIS	380	5.82			56.22		104.23		32.72	0.00				0.64
HT IV Private Irrigation and Agriculture		5.82			0.00				0.00	0.00				0.00
HT IV CPWS	109	4.89			48.29		21.07		23.62	0.00				0.18
HT VI: Townships & Residential Colonies	46	6.32	900.00		22.66		9.58		14.32	0.86				0.08
HT VII: Green Power		11.32			0.02				0.03	0.00				0.00
HT VIII: Temporary	1	9.50			2.33		0.14		2.21	0.00				0.00
Category: RESCOs	1	0.33			462.59		0.00		15.27	0.00				0.00
HT Category at 33 kV					3755.32	0.00		0.00	2210.06	514.50	0.00			2.72
HT I (A): General	349	5.87	5700.00		1034.14		818.85		607.04	466.74				1.18
Lights and Fans		5.87			30.64				17.99	0.00				0.00
Industrial Colonies		6.32			10.83				6.84	0.00				0.00
Seasonal Industries		6.98	5700.00		0.86				0.60	0.00				0.00
Time of Day Tariffs Peak (6 AM to 10 AM & 6 PM to 10 PM)		6.92			1030.61				713.18	0.00				0.00
Time of Day Tariffs Off Peak (10 PM to 6 AM)		4.87			1010.64				492.18	0.00				0.00
HT I (B): Energy Intensive Industries	11	5.37			252.30		50.15		135.49	0.00				0.04
HT I (C) : Aquaculture and Animal Husbandry		3.86	360.00		0.00				0.00	0.00				0.00
HT I (D) : Poultry Hatcheries and Poultry Feed Mixing Plants	15	4.89	5700.00		70.83		27.81		34.64	15.85				0.05
HT II: Others	62	6.98	5700.00		83.51		51.88		58.29	29.57				0.21
Time of Day Tariffs (6 PM to 10 PM)		8.03			25.89				20.79	0.00				0.00
HT II (B): Religious Places	1	5.03	360.00		29.01		7.00		14.59	0.25				0.00
HT II (C) : Function Halls / Auditoriums		11.77			0.11				0.13	0.00				0.00
HT II (E): Electric Vehicles (Evs) / Charging stations		6.95			0.00				0.00	0.00				0.00
Time of Day Tariffs Peak (6 AM to 10 AM & 6 PM to 10 PM)		8.00			0.00				0.00	0.00				0.00
Time of Day Tariffs Off Peak (10 PM to 6 AM)		5.95			0.00				0.00	0.00				0.00
HT II (F) : Start up power	285	11.77			17.37		39.27		20.45	0.00				0.96
HT III: Public Infrastructure and Tourism	3	6.69	5700.00		6.77		3.20		4.53	1.82				0.01
Time of Day Tariffs (6 PM to 10 PM)		7.74			1.87				1.45	0.00				0.00
HT IV Government LIS	52	5.82			86.31		129.89		50.23	0.00				0.18
HT IV Agriculture		5.82			0.00				0.00	0.00				0.00
HT IV CPWS	20	4.89			59.86		20.74		29.27	0.00				0.07
HT VI: Townships & Residential Colonies	7	6.32	900.00		3.76		2.90		2.38	0.26				0.02
HT VII: Green Power		11.32			0.00				0.00	0.00				0.00
HT VIII: Temporary		8.81			0.00				0.00	0.00				0.00
Category: RESCOs		0.33			0.00				0.00	0.00				0.00
HT Category at 132 kV					4786.72	0.00		0.00	2497.02	482.07	0.00			0.41
HT I (A): General	46	5.44	5700.00		864.08		621.48		470.06	354.24				0.16
Lights and Fans		5.44			14.63				7.96	0.00				0.00
Industrial Colonies		6.32			12.95				8.18	0.00				0.00
Seasonal Industries		6.72	5700.00		0.00				0.00	0.00				0.00
Time of Day Tariffs Peak (6 AM to 10 AM & 6 PM to 10 PM)		6.49			840.39				545.41	0.00				0.00
Time of Day Tariffs Off Peak (10 PM to 6 AM)		4.44			900.70				399.91	0.00				0.00
HT I (B): Energy Intensive Industries	1	4.95			108.68		18.00		53.79	0.00				0.00
HT I (C) : Aquaculture and Animal Husbandry		3.86	360.00		0.00				0.00	0.00				0.00
HT I (D): Poultry Hatcheries and Poultry Feed Mixing Plants		4.89	5700.00		0.00				0.00	0.00				0.00
HT II: Others	1	6.72	5700.00		37.52		13.00		25.21	7.41				0.00
Time of Day Tariffs (6 PM to 10 PM)		7.77			8.41				6.53	0.00				0.00
HT II (B): Religious Places		5.03	360.00		0.00				0.00	0.00				0.00
HT II (C) : Function Halls / Auditoriums		11.77			0.00				0.00	0.00				0.00
HT II (E): Electric Vehicles (Evs) / Charging stations		6.95			0.00				0.00	0.00				0.00
Time of Day Tariffs Peak (6 AM to 10 AM & 6 PM to 10 PM)		8.00			0.00				0.00	0.00				0.00
Time of Day Tariffs Off Peak (10 PM to 6 AM)		5.95			0.00				0.00	0.00				0.00
HT II (F) : Start up power	18	11.77			3.62		2.84		4.26	0.00				0.06
HT III: Public Infrastructure and Tourism		6.38	5700.00		0.00				0.00	0.00				0.00
Time of Day Tariffs (6 PM to 10 PM)		7.43			0.00				0.00	0.00				0.00
HT IV Government LIS	26	5.82			1177.12		765.53		685.09	0.00				0.09
HT IV Agriculture		5.82			0.00				0.00	0.00				0.00
HT IV CPWS		4.89			0.00				0.00	0.00				0.00
HT V: Railway Traction	30	3.55	3600.00		818.64		334.50		290.62	120.42				0.10
HT VI: Townships & Residential Colonies		6.32	900.00		0.00				0.00	0.00				0.00
HT VII: Green Power		11.32			0.00				0.00	0.00				0.00
HT VIII: Temporary		8.16			0.00				0.00	0.00				0.00
Category: RESCOs		0.33			0.00				0.00	0.00				0.00
									0.00	0.00				0.00
									0.00	0.00				0.00
TOTAL(LT + HT)	10735630				34888.91	0.00	10541.36	11154292.58	12489.26	1961.80	88.56	445.03	0.00	14984.65

Consumer Categories	No of consumers	Components of tariff			Relevant sales related data				Full year revenue excluding external subsidy					
		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)

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Consumer Categories	No of consumers	Components of tariff			Relevant sales related data				Full year revenue excluding external subsidy					
		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)
LT Total - (Existing Categories)	10445110				24010.18	0.00	12570.51	6459590.25	5837.12	274.96	84.56	480.92	0.00	7271.45
LT Cat-I (A): Domestic (Telescopic)	8133627				9668.59	0.00	8878.56	0.00	3149.74	0.00	65.72	340.56	0.00	3556.02
Group A : Consumption ≤ 900 Units during FY2018-19	4332229				2769.75	0.00	2750.14	0.00	558.12	0.00	65.72	145.83	0.00	769.67
0-50	2675918	1.45			1890.72		1536.10		274.15	0.00	65.72	80.28		420.15
51-100	698057	2.60			607.44		529.33		157.94	0.00		25.13		183.07
101-200	928786	3.60			185.95		623.53		66.94	0.00		39.01		105.95
Above 200	29468	6.90			85.64		61.18		59.09	0.00		1.41		60.50
Group B: Consumption ≤ 2700 and > 900 units during FY2018-19	3091301				5058.83	0.00	4095.52	0.00	1590.08	0.00	0.00	156.96	0.00	1747.04
0-50	250411	2.60			1968.83		540.53		511.90	0.00		10.52		522.41
51-100	1324681	2.60			1562.28		1359.91		406.19	0.00		63.58		469.78
101-200	1370139	3.60			1189.10		1903.82		428.08	0.00		73.99		502.06
201-300	128825	6.90			217.80		248.89		150.28	0.00		7.73		158.01
Above 300	17245	7.75			120.82		42.36		93.63	0.00		1.14		94.77
Group C: Consumption > 2700 units during FY2018-19	710097				1840.02	0.00	2032.90	0.00	1001.54	0.00	0.00	37.78	0.00	1039.31
0-50	148665	2.65			356.05		309.14		94.35	0.00		6.24		100.60
51-100	100571	3.35			312.83		204.31		104.80	0.00		4.83		109.62
101-200	234294	5.40			491.93		655.10		265.64	0.00		12.65		278.30
201-300	150192	7.10			289.75		496.33		205.72	0.00		9.01		214.73
301-400	45620	7.95			152.68		185.24		121.38	0.00		3.01		124.39
401-500	15102	8.50			84.48		74.60		71.81	0.00		1.00		72.80
Above 500 units	15653	9.05			152.31		108.17		137.84	0.00		1.03		138.87
(B) : Townships & Colonies									0.00	0.00		0.00		0.00
LT Cat-II : Commercial & Others	869615				1973.48	0.00	2110.71	0.00	951.66	104.79	17.71	37.28	0.00	1705.33
(A): Commercial	865342				1948.15	0.00	2054.79	0.00	921.82	104.29	17.71	37.02	0.00	1674.72
(i) Minor 0-50 units	487523	5.40	660.00		102.00		626.37		55.08	41.34	17.71	17.55		131.68
(ii) Major	377819				1846.16	0.00	1428.42	0.00	866.74	62.94	0.00	19.47	0.00	1543.04
0-50	0	7.65	900.00		235.24		0.00		179.96	0.00		0.00		773.84
51-100	154867	9.05	900.00		185.18		223.73		167.59	20.14		7.43		195.16
101-300	138979	9.60	900.00		350.38		331.48		336.37	29.83		7.50		373.71
301-500	30755	10.15	900.00		180.12		144.17		182.82	12.98		1.66		197.46
Above 500	53218				895.23		729.03		0.00	0.00		2.87		2.87
(C) : Advertising Hoardings	1732	12.25	900.00		3.29		5.60		4.04	0.50		0.10		4.64
(D) : Function Halls / Auditoriums, Startup Power for Captive Generating Plants or Co-Generation Plants or Renewable Energy Generation Plants	2523	11.75			21.92		50.18		25.76	0.00		0.15		25.91
(E) : Electric Vehicles (EVs) / Charging Stations	18	5.00			0.11		0.13		0.05	0.00		0.01		0.06
LT Cat-III : Industry	58448				1006.03	0.00	1055.93	0.00	660.71	92.32	0.00	51.17	0.00	804.19
(A) : Industry (General)	44516	6.70	900.00		960.49		1014.50		643.53	91.31		50.11		784.94
(B) : Seasonal Industries (off- season)	24	7.45	900.00		0.26		0.26		0.20	0.02		0.01		0.23
(D) : Cottage Industries upto 10HP *	13908	3.75	240.00		45.28		41.17		16.98	0.99		1.05		19.02
Dhobigatts														
LT Cat-IV : Institutional	206696				868.45	0.00	525.31	0.00	479.15	41.77	1.14	9.54	0.00	531.60
(A) : Street Lighting	69143				140.61	0.00	121.13	0.00	87.89	10.90	0.00	2.90	0.00	101.70
(i) Panchayats	50455	5.95	900.00		89.55		78.07		53.28	7.03		2.12		62.43
(ii) Municipalities	8427	6.50	900.00		25.22		16.95		16.39	1.53		0.35		18.27
(iii) Municipal Corporations	10261	7.05	900.00		25.84		26.10		18.22	2.35		0.43		21.00
(B) : CPWS/PWS Schemes	45407				589.09	0.00	303.73	0.00	298.28	27.34	0.00	1.91	0.00	327.52
(i) Panchayats	39987	4.85	900.00		490.18		258.78		237.74	23.29		1.68		262.70
(ii) Municipalities	3067	5.95	900.00		68.21		28.05		40.59	2.52		0.13		43.24
(iii) Municipal Corporations	2353	6.50	900.00		30.70		16.90		19.96	1.52		0.10		21.58
(C) : NTR Sujala Pathakam	1016	4.00	120.00		5.68		3.63		2.27	0.04		0.04		2.35
(D) : General Purpose	78517	7.25	360.00		108.88		77.97		78.94	2.81	1.14	4.24		87.12
(E) : Religious Places	12613				24.19	0.00	18.86	0.00	11.77	0.68	0.00	0.45	0.00	12.91
(i) ≤ 2kW	11669	4.80	360.00		16.10		13.07		7.73	0.47		0.42		8.62
(ii) > 2kW	944	5.00	360.00		8.09		5.79		4.04	0.21		0.03		4.29
LT Cat-V : Agricultural & Related	1176724				10493.62	0.00	0.00	6459590.25	595.86	36.09	0.00	42.36	0.00	674.32
(A) : Corporate Farmers / Salt Farming Units upto 15 HP									0.00	0.00		0.00		0.00
Corporate Farmers with DSM measures	5008	2.50			16.74				28796.16	4.18		0.18		4.36
Salt farming units upto 15HP	1028	2.50			2.22				3598.50	0.56		0.04		0.59
(B) : Non-Corporate Farmers / Sugarcane crushing / Rural									0.00	0.00		0.00		0.00

Consumer Categories	No of consumers	Components of tariff			Relevant sales related data			Full year revenue excluding external subsidy						
		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)
Non Corporate Farmers	1131454	0.00			8932.98			5410409.05	0.00	0.00		40.73		40.73
Sugarcane crushing	26	0.00			0.01			232.52	0.00	0.00		0.00		0.00
Rural Horticulture Nurseries	4132	0.00			5.63			6436.06	0.00	0.00		0.15		0.15
(C) Aqua culture, Animal Husbandry	33311	3.85		360.00	1510.53			986095.18	581.55	35.50		1.20		618.25
(D): Poultry & Aquaculture								0.00	0.00	0.00		0.00		0.00
Poultry Hatcheries and Poultry Feed Mixing Plants	36	3.85		900.00	0.20			237.08	0.08	0.02		0.00		0.10
Aqua Hatcheries and Aqua feed mixing plants	1537	3.75		240.00	24.72			22849.93	9.27	0.55		0.06		9.87
Floriculture in Green House	0	3.85		900.00	0.00			0.00	0.00	0.00		0.00		0.00
(E): Agro based cottage industries upto 10HP	192	3.75		240.00	0.59			935.76	0.22	0.02		0.01		0.25
Temporary		10.50		360.00					0.00	0.00		0.00		0.00
HT Category	7305				11148.42	0.00	4369.42	0.00	6199.68	1702.49	0.00	14.12	0.00	7916.28
HT Cat-(A): Domestic	61				23.24	0.00	13.14	0.00	14.64	1.18	0.00	0.12	0.00	15.94
(B): Townships, Colonies, Gated Communities and Villas	61				23.24	0.00	13.14	0.00	14.64	1.18	0.00	0.12	0.00	15.94
11 kV	53	6.30	900.00		19.86		10.40		12.51	0.94		0.09		13.54
33 kV	8	6.30	900.00		3.38		2.74		2.13	0.25		0.03		2.40
132 kV & Above		6.30	900.00		0.00				0.00	0.00		0.00		0.00
HT Cat-II : Commercial & Others	2598				978.70	0.00	521.47	0.00	764.44	253.46	0.00	5.14	0.00	1023.05
(A): Commercial	1996				734.42	0.00	424.91	0.00	550.85	242.20	0.00	3.49	0.00	796.54
11 kV	1923	7.65	5700		591.20		350.67		452.27	199.88		3.24		655.39
33 kV	72	6.95	5700		105.02		61.24		72.99	34.91		0.24		108.14
132 kV & Above	1	6.70	5700		38.20		13.00		25.59	7.41		0.00		33.01
Commercial, ToD	0				143.67	0.00	0.00	0.00	122.15	0.00	0.00	0.00	0.00	122.15
11 kV		8.65			116.02				100.35	0.00		0.00		100.35
33 kV		7.95			20.20				16.06	0.00		0.00		16.06
132 kV & Above		7.70			7.44				5.73	0.00		0.00		5.73
(B): Public Infrastructure & Tourism	74				50.23	0.00	19.77	0.00	36.07	11.27	0.00	0.13	0.00	47.47
11 kV	71	7.30	5700		41.00		16.57		29.93	9.44		0.12		39.49
33 kV	3	6.65	5700		9.23		3.20		6.14	1.82		0.01	0.00	7.97
132 kV & Above		6.35	5700		0.00				0.00	0.00		0.00		0.00
Public Infrastructure & Tourism, ToD	0				10.71	0.00	0.00	0.00	8.76	0.00	0.00	0.00	0.00	8.76
11 kV		8.30			8.73				7.25	0.00		0.00		7.25
33 kV		7.65			1.98				1.51	0.00		0.00		1.51
132 kV & Above		7.35			0.00				0.00	0.00		0.00		0.00
(D) (i) Function Halls/Auditoriums	145				2.74	0.00	26.27	0.00	3.22	0.00	0.00	0.24	0.00	3.46
11 kV	145	11.75			2.74		26.27		3.22	0.00		0.24		3.46
33 kV		11.75			0.00				0.00	0.00		0.00		0.00
132 kV & Above		11.75			0.00				0.00	0.00		0.00		0.00
(D): (ii) Start up power	380				36.77	0.00	50.17	0.00	43.20	0.00	0.00	1.27	0.00	44.47
11 kV	9	11.75			9.63		0.78		11.31	0.00		0.02		11.33
33 kV	350	11.75			22.35		46.03		26.27	0.00		1.18		27.45
132 kV & Above	21	11.75			4.79		3.36		5.62	0.00		0.07		5.69
(E): Electric Vehicles (Evs) / Charging stations	0				0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11 kV		5.00			0.00				0.00	0.00		0.00		0.00
33 kV		5.00			0.00				0.00	0.00		0.00		0.00
132 kV & Above		5.00			0.00				0.00	0.00		0.00		0.00
(F): Green Power	3				0.17	0.00	0.36	0.00	0.19	0.00	0.00	0.01	0.00	0.20
11 kV	1	11.30			0.09		0.22		0.10	0.00		0.00		0.10
33 kV	2	11.30			0.08		0.14		0.09	0.00		0.01		0.10
132 kV & Above		11.30			0.00				0.00	0.00		0.00		0.00
HT Cat-III : Industry	3786				6939.32	0.00	2258.38	0.00	4010.04	1258.80	0.00	7.14	0.00	5275.98
(A): Industrial General	3768				3917.86	0.00	2208.42	0.00	2283.09	1258.80	0.00	7.09	0.00	3548.98
11 kV	3336	6.30	5700		981.54		772.85		618.37	440.52		5.63		1064.52
33 kV	385	5.85	5700		1757.92		829.78		1028.39	472.98		1.30		1502.66
132 kV & Above	47	5.40	5700		1178.40		605.79		636.33	345.30		0.16		981.79
Industry, ToD Peak (6 AM to 10 AM & 6 PM to 10 PM)	0				1336.29	0.00	0.00	0.00	910.37	0.00	0.00	0.00	0.00	910.37
11 kV		7.30			303.09				221.25	0.00		0.00		221.25
33 kV		6.85			619.37				424.27	0.00		0.00		424.27
132 kV & Above		6.40			413.82				264.85	0.00		0.00		264.85

Consumer Categories	No of consumers	Components of tariff			Relevant sales related data				Full year revenue excluding external subsidy					
		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)
Industry, ToD Off Peak (10 PM to 6 AM)	0				1491.59	0.00	0.00	0.00	713.16	0.00	0.00	0.00	0.00	713.16
11 kV		5.30			287.35				152.30	0.00		0.00		152.30
33 kV		4.85			688.88				334.11	0.00		0.00		334.11
132 kV & Above		4.40			515.36				226.76	0.00		0.00		226.76
Industrial colonies	0				17.03	0.00	0.00	0.00	10.73	0.00	0.00	0.00	0.00	10.73
11 kV		6.30			0.54				0.34	0.00		0.00		0.34
33 kV		6.30			7.29				4.59	0.00		0.00		4.59
132 kV & Above		6.30			9.20				5.79	0.00		0.00		5.79
(B): Seasonal Industries	4				6.51	0.00	0.00	0.00	4.93	0.00	0.00	0.01	0.00	4.94
11 kV	4	7.65	5700		5.87				4.49	0.00		0.01		4.50
33 kV		6.95	5700		0.64				0.44	0.00		0.00		0.44
132 kV & Above		6.70	5700		0.00				0.00	0.00		0.00		0.00
(C): Energy Intensive Industries	14				170.05	0.00	49.96	0.00	87.76	0.00	0.00	0.04	0.00	87.80
11 kV	3	5.80			1.35		0.74		0.78	0.00		0.01		0.79
33 kV	8	5.35			86.75		22.73		46.41	0.00		0.03		46.44
132 kV & Above	3	4.95			81.95		26.50		40.56	0.00		0.01		40.57
HT Cat-IV : Institutional	186				963.40	0.00	418.37	0.00	379.51	153.48	0.00	0.41	0.00	533.39
(B): Composite Protected Water Supply Schemes/ PWS Schemes	133				120.74	0.00	43.03	0.00	58.56	0.00	0.00	0.26	0.00	58.82
11 kV	113	4.85			56.43		22.29		27.37	0.00		0.19		27.56
33 kV	20	4.85			64.31		20.74		31.19	0.00		0.07		31.26
132 kV & Above		4.85			0.00				0.00	0.00		0.00		0.00
(E): Religious Places	19				39.61	0.00	10.84	0.00	19.81	0.39	0.00	0.03	0.00	20.23
11 kV	18	5.00	360		8.06		3.84		4.03	0.14		0.03		4.20
33 kV	1	5.00	360		31.55		7.00		15.77	0.25		0.00		16.03
132 kV & Above		5.00	360		0.00				0.00	0.00		0.00		0.00
(F) Railway Traction	34	3.75	4200		803.04		364.50		301.14	153.09		0.11		454.35
HT Cat-V : Agricultural & Related	673				1790.80	0.00	1158.06	0.00	1012.93	35.56	0.00	1.31	0.00	1049.80
(C): Aquaculture and Animal Husbandry	67				47.19	0.00	22.61	0.00	18.17	0.81	0.00	0.11	0.00	19.10
11 kV	67	3.85	360		47.19		22.61		18.17	0.81		0.11		19.10
33 kV		3.85	360		0.00				0.00	0.00		0.00		0.00
132 kV & Above		3.85	360		0.00				0.00	0.00		0.00		0.00
(D) Poultry Hatcheries and Poultry Feed Mixing Plants, Aqua Hatcheries and Aqua feed mixing plants & Floriculture in Green House	129				174.07	0.00	60.96	0.00	84.42	34.75	0.00	0.25	0.00	119.42
11 kV	111	4.85	5700		64.38		29.59		31.23	16.87		0.19		48.28
33 kV	18	4.85	5700		109.69		31.37		53.20	17.88		0.06		71.14
132 kV & Above		4.85	5700		0.00				0.00	0.00		0.00		0.00
(F): Government / Private Lift Irrigation	477				1569.54	0.00	1074.48	0.00	910.33	0.00	0.00	0.95	0.00	911.29
11 kV	389	5.80			61.15		105.88		35.47	0.00		0.66		36.13
33 kV	59	5.80			106.76		147.77		61.92	0.00		0.20		62.12
132 kV & Above	29	5.80			1401.63		820.84		812.95	0.00		0.10		813.04
RESCO									0.00	0.00				0.00
Kuppam	1	0.40			452.96				18.12	0.00		0.00		18.12
TOTAL (LT + HT)	10452415				35158.60	0.00	16939.93	6459590.25	12036.80	1977.45	84.56	495.03	0.00	15187.73

Consumer Categories	No of consumers	Components of tariff			Relevant sales related data				Full year revenue excluding external subsidy					
		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)
2020-21														
Consumer Categories	No of consumers	Components of tariff			Relevant sales related data				Full year revenue excluding external subsidy					
LT Total - (Existing Categories)	6574727				15096.09	0.00	6987.76	6193999.73	3378.27	201.25	46.56	288.95	0.00	3915.02
LT Cat-I (A): Domestic (Telescopic)	4896678				5050.17	0.00	4463.38	0.00	1714.60	0.00	34.01	194.72	0.00	1943.33
Group A: Consumption <= 75 Units during the billing month	3019344				1073.14	0.00	1993.03	0.00	171.13	0.00	34.01	96.05	0.00	301.18
0-50	2107744	1.45			938.19		1328.16		136.04	0.00	34.01	63.23		233.28
51-75	911600	2.60			134.96		664.87		35.09	0.00		32.82		67.91
Group B: Consumption < 225 and >75 units during the billing month	1755168				2796.19	0.00	2116.88	0.00	817.65	0.00	0.00	91.09	0.00	908.74
0-50	0	2.60			1037.78		0.00		269.82	0.00		0.00		269.82
51-100	678982	2.60			981.39		621.55		255.16	0.00		32.59		287.75
101-200	1012620	3.60			737.81		1363.31		265.61	0.00		54.68		320.29
201-225	63566	6.90			39.21		132.01		27.05	0.00		3.81		30.87
Group C: Consumption >225 units during the billing month	122166				1180.83	0.00	353.47	0.00	725.82	0.00	0.00	7.59	0.00	733.41
0-50	0	2.65			145.03		0.00		38.43	0.00		0.00		38.43
51-100	0	3.35			145.03		0.00		48.59	0.00		0.00		48.59
101-200	0	5.40			290.06		0.00		156.63	0.00		0.00		156.63
201-300	79114	7.10			277.08		195.34		196.72	0.00		4.75		201.47
301-400	27174	7.95			133.43		85.47		106.08	0.00		1.79		107.87
401-500	8074	8.50			68.16		31.38		57.94	0.00		0.53		58.47
Above 500 units	7804	9.95			122.04		41.28		121.43	0.00		0.52		121.95
LT Cat-II : Commercial & Others	479303				724.63	0.00	1151.59	0.00	648.81	95.15	11.39	20.32	0.00	775.67
(A): Commercial	476561				716.22	0.00	1118.78	0.00	638.59	91.22	11.39	20.15	0.00	761.35
(i) Minor 0-50 units	283016	5.40	660.00		58.34		394.49		31.50	26.04	11.39	10.19		79.12
(ii) Major	193545				657.89	0.00	724.29	0.00	607.09	65.19	0.00	9.96	0.00	682.23
0-50	0	6.90	900.00		82.77		0.00		57.11	0.00		0.00		57.11
51-100	81572	7.65	900.00		67.89		128.83		51.94	11.59		3.92		67.45
101-300	70214	9.05	900.00		121.68		168.35		110.12	15.15		3.79		129.07
301-500	14910	9.60	900.00		62.07		68.28		59.58	6.15		0.81		66.53
Above 500	26849	10.15	900.00		323.48		358.83		328.33	32.30		1.45		362.08
(iii) Advertising Hoardings	1220	12.25	1200.00		1.39		3.38		1.71	0.41		0.07		2.18
(iv) Function Halls/Auditoriums	1511	12.25	1200.00		6.88		29.38		8.43	3.53		0.09		12.05
(B): Start up power	0	12.25			0.00		0.00		0.00	0.00		0.00		0.00
(C) : Electric Vehicles (Evs) / Charging stations	11	6.70			0.13		0.04		0.09	0.00		0.00		0.09
LT Cat-III : Industry	39177				482.34	0.00	593.40	0.00	311.99	50.67	0.00	30.78	0.00	393.44
(A): Industry(General)	26492	6.70	900.00		444.18		551.69		297.60	49.65		29.82		377.07
(B): Seasonal Industries (off season)	21	7.45	900.00		0.24		0.23		0.18	0.02		0.01		0.20
(D): Cottage Industries upto 10HP	12664	3.75	240.00		37.89		41.48		14.21	1.00		0.96		16.16
(E) : Micro Small & Marginal Enterprises	11				0.03		0.00		0.00	0.00		0.00		0.00
LT Cat-IV : Institutional	141610				638.52	0.00	447.94	0.00	445.49	39.86	1.16	6.48	0.00	492.99
(A): Utilities	89837				541.33	0.00	324.04	0.00	378.93	29.16	0.00	3.77	0.00	411.87
Panchayats	71419	7.00	900.00		431.44		260.41		302.01	23.44		3.00		328.44
NTR Sujala Pathakam	712	7.00	900.00		3.36		2.52		2.35	0.23		0.03		2.61
Urban Local Bodies	17706	7.00	900.00		106.53		61.11		74.57	5.50		0.74		80.82
(B): General Purpose	46646	7.00	900.00		90.20		115.51		63.14	10.40	1.16	2.52		77.22
(C): Religious Places	5127				6.98	0.00	8.39	0.00	3.41	0.30	0.00	0.18	0.00	3.90
(i) <= 2kW	4688	4.80	360.00		3.95		4.96		1.90	0.18		0.17		2.24
(ii) > 2kW	439	5.00	360.00		3.04		3.43		1.52	0.12		0.02		1.66
LT Cat-V : Agricultural & Related	1017959				8200.44	0.00	331.46	6193999.73	257.39	15.56	0.00	36.65	0.00	309.60
(A): Agriculture					0.00				0.00	0.00		0.00		0.00
(i) Corporate Farmers & IT Assesses	1987			2400.00	4.00				12725.35	0.00		3.05	0.07	3.13
(ii) Non-Corporate Farmers	999083	0.00			7532.50			6179310.56	0.00	0.00		35.97		35.97
(iii) Salt farming units with Connected Load upto 15HP	290	2.50			0.50				1166.24	0.13		0.01		0.14
(iv) Sugarcane crushing	14	0.00			0.01				191.69	0.00		0.00	0.00	0.00
(v) Rural Horticulture Nurseries	87	0.00			0.48				605.89	0.00		0.00		0.00
(vi) Floriculture in Green House	0	4.50		900.00	0.01				0.00	0.00		0.00		0.00
(B): Aquaculture and Animal Husbandry	15109	3.85	360.00		645.27		316.78		248.43	11.40		0.54	0.00	260.38
(C): Poultry & Aquaculture					0.00				0.00	0.00		0.00		0.00
(i) Poultry Hatcheries and Poultry Feed Mixing Plants	9	4.50	900.00		0.13		0.09		0.06	0.01		0.00		0.07
(ii) Aqua Hatcheries and Aqua feed mixing plants	1124	5.00	900.00		17.31		12.12		8.65	1.09		0.04		9.78
(D): Agro Based Cottage Industries upto 10HP	56	3.75	240.00		0.14		0.25		0.05	0.01		0.00		0.06
(E): Government/Private Lift Irrigation Schemes	200	7.06			0.10		2.22		0.07	0.00		0.01		0.08
Temporary	0	10.50	360.00		0.00				0.00	0.00		0.00		0.00

Consumer Categories	No of consumers	Components of tariff			Relevant sales related data			Full year revenue excluding external subsidy						
		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)
HT Category	3519				7053.79	0.00	2974.24	0.00	4156.20	1046.60	0.00	7.22	0.00	5210.01
HT Cat-(A): Domestic	35				15.27	0.00	8.48	0.00	10.69	0.76	0.00	0.07	0.00	11.52
(B): Townships, Colonies, Gated Communities and Villas	35				15.27	0.00	8.48	0.00	10.69	0.76	0.00	0.07	0.00	11.52
11 kV	30	7.00	900.00		12.20		6.92		8.54	0.62		0.05		9.21
33 kV	5	7.00	900.00		3.07		1.56		2.15	0.14		0.02		2.31
132 kV & Above	0	7.00	900.00		0.00		0.00		0.00	0.00		0.00		0.00
HT Cat-II : Commercial & Others	1153				274.22	0.00	221.87	0.00	226.79	95.36	0.00	2.57	0.00	324.72
(ii) Major	761				171.97	0.00	167.30	0.00	129.01	95.36	0.00	1.34	0.00	225.71
11 kV	729	7.65	5700		142.55		140.23		109.05	79.93		1.23		190.21
33 kV	31	6.95	5700		9.87		14.07		6.86	8.02		0.10		14.98
132 kV & Above	1	6.70	5700		19.55		13.00		13.10	7.41		0.00		20.51
Commercial, ToD	0				71.31	0.00	0.00	0.00	59.88	0.00	0.00	0.00	0.00	59.88
11 kV	0	8.65			51.15		0.00		44.25	0.00		0.00		44.25
33 kV	0	7.95			4.29		0.00		3.41	0.00		0.00		3.41
132 kV & Above	0	7.70			15.87		0.00		12.22	0.00		0.00		12.22
(iv) Function Halls/Auditoriums	47				1.67	0.00	8.76	0.00	2.04	0.00	0.00	0.08	0.00	2.12
11 kV	47	12.25			1.67		8.76		2.04	0.00		0.08		2.12
33 kV	0	12.25			0.00		0.00		0.00	0.00		0.00	0.00	0.00
132 kV & Above	0	12.25			0.00		0.00		0.00	0.00		0.00		0.00
(B): Start up power	342				29.07	0.00	45.45	0.00	35.61	0.00	0.00	1.14	0.00	36.75
11 kV	7	12.25			0.17		0.51		0.21	0.00		0.01		0.22
33 kV	314	12.25			24.03		41.58		29.44	0.00		1.06		30.49
132 kV & Above	21	12.25			4.87		3.36		5.96	0.00		0.07		6.04
(C): Electric Vehicles (Evs) / Charging stations	0				0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11 kV	0	6.70			0.00		0.00		0.00	0.00		0.00		0.00
33 kV	0	6.70			0.00		0.00		0.00	0.00		0.00		0.00
132 kV & Above	0	6.70			0.00		0.00		0.00	0.00		0.00		0.00
(D): Green Power	3				0.21	0.00	0.36	0.00	0.25	0.00	0.00	0.01	0.00	0.26
11 kV	1	12.25			0.05		0.22		0.06	0.00		0.00		0.06
33 kV	2	12.25			0.16		0.14		0.20	0.00		0.01		0.20
132 kV & Above	0	12.25			0.00		0.00		0.00	0.00		0.00		0.00
HT Cat-III : Industry	1822				3823.58	0.00	1439.39	0.00	2188.97	789.61	0.00	3.51	0.00	2982.09
(A): Industrial General	1782				1077.75	0.00	1380.33	0.00	633.21	786.79	0.00	3.42	0.00	1423.41
11 kV	1537	6.30	5700.00		363.06		398.33		228.73	227.05		2.59		458.37
33 kV	208	5.85	5700.00		412.08		468.96		241.07	267.31		0.70		509.08
132 kV & Above	37	5.40	5700.00		302.61		513.04		163.41	292.43		0.12		455.97
Industry, ToD Peak (6 AM to 10 AM & 6 PM to 10 PM)	0				1163.12	0.00	0.00	0.00	791.26	0.00	0.00	0.00	0.00	791.26
11 kV	0	7.30			276.96		0.00		202.18	0.00		0.00		202.18
33 kV	0	6.85			487.48		0.00		333.92	0.00		0.00		333.92
132 kV & Above	0	6.40			398.68		0.00		255.16	0.00		0.00		255.16
Industry, ToD Off Peak (10 PM to 6 AM)	0				1343.76	0.00	0.00	0.00	638.91	0.00	0.00	0.00	0.00	638.91
11 kV	0	5.30			263.76		0.00		139.79	0.00		0.00		139.79
33 kV	0	4.85			531.41		0.00		257.73	0.00		0.00		257.73
132 kV & Above	0	4.40			548.59		0.00		241.38	0.00		0.00		241.38
Industrial colonies	0				9.38	0.00	0.00	0.00	6.57	0.00	0.00	0.00	0.00	6.57
11 kV	0	7.00			0.45		0.00		0.32	0.00		0.00		0.32
33 kV	0	7.00			0.86		0.00		0.60	0.00		0.00		0.60
132 kV & Above	0	7.00			8.08		0.00		5.65	0.00		0.00		5.65
(B): Seasonal Industries	27				3.75	0.00	9.30	0.00	2.87	2.83	0.00	0.05	0.00	5.74
11 kV	27	7.65	3040.00		3.75		9.30		2.87	2.83		0.05		5.74
33 kV	0	6.95	3040.00		0.00		0.00		0.00	0.00		0.00		0.00
132 kV & Above	0	6.70	3040.00		0.00		0.00		0.00	0.00		0.00		0.00
(C): Energy Intensive Industries	13				225.81	0.00	49.77	0.00	116.16	0.00	0.00	0.04	0.00	116.20
11 kV	2	5.80			1.62		0.55		0.94	0.00		0.00		0.94
33 kV	7	5.35			106.17		17.03		56.80	0.00		0.02		56.82
132 kV & Above	4	4.95			118.02		32.20		58.42	0.00		0.01		58.43
HT Cat-IV : Institutional	247				495.50	0.00	338.44	0.00	300.55	148.20	0.00	0.50	0.00	449.25
(A): Utilities														
Composite Protected Water Supply Schemes	102				107.49	0.00	37.08	0.00	77.51	21.13	0.00	0.21	0.00	98.85
11 kV	82	7.65	5700.00		40.09		16.33		30.67	9.31		0.14		40.12
33 kV	20	6.95	5700.00		67.40		20.74		46.84	11.82		0.07		58.73
132 kV & Above	0	6.70	5700.00		0.00		0.00		0.00	0.00		0.00		0.00
(B): General Purpose	108				45.65	0.00	28.15	0.00	36.09	16.04	0.00	0.19	0.00	52.32
11 kV	104	7.95	5700.00		42.78		26.12		34.01	14.89		0.18		49.08
33 kV	4	7.25	5700.00		2.87		2.03		2.08	1.15		0.01		3.25
132 kV & Above	0	7.00	5700.00		0.00		0.00		0.00	0.00		0.00		0.00

Consumer Categories	No of consumers	Components of tariff			Relevant sales related data				Full year revenue excluding external subsidy					
		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)
(C): Religious Places	12				26.95	0.00	9.72	0.00	13.47	0.35	0.00	0.02	0.00	13.85
11 kV	11	5.00	360.00		3.69		2.72		1.85	0.10		0.02		1.96
33 kV	1	5.00	360.00		23.26		7.00		11.63	0.25		0.00		11.88
132 kV & Above	0	5.00	360.00		0.00		0.00		0.00	0.00		0.00		0.00
(D) Railway Traction	25	5.50	4200.00		315.41		263.50		173.47	110.67		0.08		284.23
HT Cat-V : Agricultural & Related	261				1998.45	0.00	966.05	0.00	1411.32	12.66	0.00	0.57	0.00	1424.56
(B): Aquaculture and Animal Husbandry	22				24.78	0.00	10.86	0.00	9.54	0.39	0.00	0.04	0.00	9.97
11 kV	22	3.85	360.00		24.78		10.86		9.54	0.39		0.04		9.97
33 kV	0	3.85	360.00		0.00		0.00		0.00	0.00		0.00		0.00
132 kV & Above	0	3.85	360.00		0.00		0.00		0.00	0.00		0.00		0.00
(C):Poultry & Aqualture														
(i) Poultry Hatcheries and Poultry Feed Mixing Plants	19				25.23	0.00	7.70	0.00	13.25	4.39	0.00	0.04	0.00	17.67
11 kV	17	5.25	5700.00		19.04		5.26		9.99	3.00		0.03		13.02
33 kV	2	5.25	5700.00		6.20		2.44		3.25	1.39		0.01		4.65
132 kV & Above	0	5.25	5700.00		0.00		0.00		0.00	0.00		0.00		0.00
(ii): Aqua Hatcheries & Aqua Feed mixing plants	30				32.83	0.00	13.83	0.00	18.88	7.88	0.00	0.06	0.00	26.82
11 kV	26	5.75	5700.00		17.01		7.51		9.78	4.28		0.04		14.11
33 kV	4	5.75	5700.00		15.82		6.33		9.10	3.61		0.01		12.71
132 kV & Above	0	5.75	5700.00		0.00		0.00		0.00	0.00		0.00		0.00
(E): Government / Private Lift Irrigation	190				1915.61	0.00	933.66	0.00	1369.66	0.00	0.00	0.44	0.00	1370.10
11 kV	119	7.15			22.11		31.61		15.81	0.00		0.20		16.01
33 kV	43	7.15			77.74		106.22		55.58	0.00		0.15		55.73
132 kV & Above	28	7.15			1815.76		795.84		1298.27	0.00		0.09		1298.36
RESCO									0.00	0.00				0.00
Kuppam	1	0.40			446.77		0.00		17.87	0.00		0.00		17.87
TOTAL(LT + HT)	6578246				22149.87	0.00	9962.00	6193999.73	7534.46	1247.84	46.56	296.16	0.00	9125.03

0.00

Consumer Categories	No of consumers	Components of tariff			Relevant sales related data				Full year revenue excluding external subsidy					
		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)
2021-22														
Consumer Categories	No of consumers	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)
LT Total - (Existing Categories)	7140847				16122.84	0.00	7785.85	7100241.38	3583.75	229.70	50.48	312.82	0.00	4176.75
LT Cat-I (A): Domestic (Telescopic)	5308259				5184.08	0.00	4909.41	0.00	1670.05	0.00	36.86	208.60	0.00	1915.51
Group A: Consumption <= 75 Units during the billing month	3361391				1156.11	0.00	2210.37	0.00	176.12	0.00	36.86	106.42	0.00	319.41
0-50	2431559	1.45			1082.32		1532.21		156.94	0.00	36.86	72.95		266.75
51-75	929832	2.60			73.79		678.16		19.18	0.00		33.47		52.66
Group B: Consumption < 225 and >75 units during the billing month	1822260				2861.83	0.00	2238.50	0.00	808.48	0.00	0.00	94.44	0.00	902.93
0-50		2.60			1209.45				314.46	0.00		0.00		314.46
51-100	724551	2.60			1047.25		673.27		272.29	0.00		34.78		307.06
101-200	1032872	3.60			593.33		1410.58		213.60	0.00		55.78		269.38
201-225	64837	6.90			11.80		154.65		8.14	0.00		3.89		12.03
Group C: Consumption >225 units during the billing month	124608				1166.14	0.00	460.53	0.00	685.44	0.00	0.00	7.74	0.00	693.18
0-50		2.65			162.92				43.17	0.00		0.00		43.17
51-100		3.35			162.92				54.58	0.00		0.00		54.58
101-200		5.40			325.84				175.95	0.00		0.00		175.95
201-300	80696	7.10			249.35		224.25		177.04	0.00		4.84		181.88
301-400	27717	7.95			107.56		112.18		85.51	0.00		1.83		87.34
401-500	8235	8.50			52.20		57.01		44.37	0.00		0.54		44.92
Above 500 units	7960	9.95			105.34		67.10		104.81	0.00		0.53		105.34
LT Cat-II : Commercial & Others	513692				847.59	0.00	1307.43	0.00	767.95	109.72	12.21	22.09	0.00	911.96
(A): Commercial	509770				834.52	0.00	1255.13		752.01	103.45	12.21	21.85	0.00	889.52
(i) Minor 0-50 units	284431	5.40	660.00		48.16		396.46	0	26.01	26.17	12.21	10.24		74.62
(ii) Major	225339				786.36	0.00	858.67	0.00	726.01	77.28	0.00	11.61	0.00	814.90
0-50	0	6.90	900.00		101.74				70.20	0.00		0.00		70.20
51-100	92409	7.65	900.00		76.91		145.94		58.84	13.13		4.44		76.41
101-300	82653	9.05	900.00		143.24		198.18		129.63	17.84		4.46		151.93
301-500	17916	9.60	900.00		74.58		82.04		71.60	7.38		0.97		79.95
Above 500	32361	10.15	900.00		389.89		432.50		395.74	38.93		1.75		436.41
(iii) Advertising Hoardings	1427	12.25	1200.00		1.63		3.95		1.99	0.47		0.09		2.55
(iv) Function Halls/Auditoriums	2484	12.25	1200.00		11.31		48.30		13.86	5.80		0.15		19.80
(B): Start up power		12.25			0.00				0.00	0.00		0.00		0.00
(C) : Electric Vehicles (Evs) / Charging stations	11	6.70			0.13		0.04		0.09	0.00		0.00		0.09
LT Cat-III : Industry	45080				544.90	0.00	670.20	0.00	351.61	57.00	0.00	34.66	0.00	443.27
(A): Industry(General)	29757	6.70	900.00		498.92		619.68		334.27	55.77		33.49		423.54
(B): Seasonal Industries (off season)	24	7.45	900.00		0.26		0.26		0.20	0.02		0.01		0.23
(D): Cottage Industries upto 10HP	15278	3.75	240.00		45.72		50.05		17.14	1.20		1.16		19.50
Dhobigats	21				0.01		0.21		0.00	0.00		0.00		0.00
LT Cat-IV : Institutional	160913				700.60	0.00	506.03	0.00	488.77	45.03	1.41	7.40	0.00	542.62
(A): Utilities	98729				583.26	0.00	356.41	0.00	408.28	32.08	0.00	4.15	0.00	444.51
Panchayats	79954	7.00	900.00		483.00		291.53		338.10	26.24		3.36		367.70
NTR Sujala Pathakam	892	7.00	900.00		4.21		3.15		2.95	0.28		0.04		3.27
Urban Local Bodies	17883	7.00	900.00		96.05		61.72		67.23	5.56		0.75		73.54
(B): General Purpose	56623	7.00	900.00		109.49		140.22		76.64	12.62	1.41	3.06		93.73
(C): Religious Places	5561				7.85	0.00	9.40	0.00	3.84	0.34	0.00	0.20	0.00	4.38
(i) <= 2kW	5040	4.80	360.00		4.25		5.34		2.04	0.19		0.18		2.41
(ii) > 2kW	521	5.00	360.00		3.60		4.07		1.80	0.15		0.02		1.97
LT Cat-V : Agricultural & Related	1112903				8845.67	0.00	392.79	7100241.38	305.37	17.95	0.00	40.06	0.00	363.39
(A): Agriculture					0.00				0.00	0.00		0.00		0.00
(i) Corporate Farmers & IT Assesses	2057		2400.00		4.20		0.00	13173.65	0.00	3.16		0.07		3.24
(ii) Non-Corporate Farmers	1090895	0.00			8053.37		0.00	7084736.05	0.00	0.00		39.27		39.27
(iii) Salt farming units with Connected Load upto 15HP	354	2.50			0.61		0.00	1423.61	0.15	0.00		0.01		0.17
(iv) Sugarcane crushing	18	0.00			0.01		0.00	246.46	0.00	0.00		0.00	0.00	0.00
(v) Rural Horticulture Nurseries	95	0.00			0.52		0.00	661.61	0.00	0.00		0.00		0.00
(vi) Floriculture in Green House	0	4.50	900.00		0.00		0.00	0.00	0.00	0.00		0.00		0.00
(B): Aquaculture and Animal Husbandry	17971	3.85	360.00		767.47		376.78		295.48	13.56		0.65	0.00	309.69
(C): Poultry & Aquaculture					0.00				0.00	0.00		0.00		0.00
(i) Poultry Hatcheries and Poultry Feed Mixing Plants	9	4.50	900.00		0.04		0.09		0.02	0.01		0.00		0.02
(ii) Aqua Hatcheries and Aqua feed mixing plants	1247	5.00	900.00		19.20		13.45		9.60	1.21		0.04		10.86
(D): Agro Based Cottage Industries upto 10HP	57	3.75	240.00		0.14		0.26		0.05	0.01		0.00		0.06
(E): Government/Private Lift Irrigation Schemes	200	7.06			0.10		2.22		0.07	0.00		0.01		0.08
Temporary		10.50	360.00		0.00				0.00	0.00		0.00		0.00

Consumer Categories	No of consumers	Components of tariff			Relevant sales related data				Full year revenue excluding external subsidy					
		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 (MW/Δ)	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)
HT Category	3994				8149.38	0.00	3312.12	0.00	4790.47	1143.75	0.00	8.20	0.00	5942.42
HT Cat-(A): Domestic	184				12.42	0.00	20.40	0.00	8.69	1.84	0.00	0.32	0.00	10.85
(B): Townships, Colonies, Gated Communities Villas	184				12.42	0.00	20.40	0.00	8.69	1.84	0.00	0.32	0.00	10.85
11 kV	179	7.00	900.00		7.77		18.84	0	5.44	1.70		0.30		7.44
33 kV	5	7.00	900.00		4.65		1.56	0	3.25	0.14		0.02		3.41
132 kV & Above		7.00	900.00		0.00				0.00	0.00		0.00		0.00
HT Cat-II : Commercial & Others	1285				325.71	0.00	251.32	0.00	268.04	104.10	0.00	2.90	0.00	375.03
(ii) Major	797				225.00	0.00	182.63	0.00	168.45	104.10	0.00	1.40	0.00	273.95
11 kV	765	7.65	5700		182.90		154.26	0	139.92	87.93		1.29		229.13
33 kV	31	6.95	5700		13.01		14.07	0	9.04	8.02		0.10		17.17
132 kV & Above	1	6.70	5700		29.10		14.30	0	19.50	8.15		0.00		27.65
Commercial, ToD	0				63.10	0.00	0.00	0.00	53.52	0.00	0.00	0.00	0.00	53.52
11 kV	0	8.65			50.93				44.05	0.00		0.00		44.05
33 kV	0	7.95			3.61				2.87	0.00		0.00		2.87
132 kV & Above	0	7.70			8.57				6.60	0.00		0.00		6.60
(iv) Function Halls/Auditoriums	77				2.72	0.00	14.35	0.00	3.33	0.00	0.00	0.13	0.00	3.46
11 kV	77	12.25			2.72		14.35	0	3.33	0.00		0.13		3.46
33 kV		12.25			0.00				0.00	0.00		0.00	0.00	0.00
132 kV & Above		12.25			0.00				0.00	0.00		0.00	0.00	0.00
(B): Start up power	401				34.19	0.00	53.34	0.00	41.88	0.00	0.00	1.34	0.00	43.22
11 kV	8	12.25			0.19		0.58	0	0.24	0.00		0.01		0.25
33 kV	367	12.25			28.07		48.60	0	34.39	0.00		1.24		35.63
132 kV & Above	26	12.25			5.92		4.16	0	7.25	0.00		0.09		7.34
(C): Electric Vehicles (Evs) / Charging stations	0				0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11 kV		6.70			0.00				0.00	0.00		0.00		0.00
33 kV		6.70			0.00				0.00	0.00		0.00		0.00
132 kV & Above		6.70			0.00				0.00	0.00		0.00		0.00
(D): Green Power	10				0.70	0.00	1.00	0.00	0.86	0.00	0.00	0.03	0.00	0.89
11 kV	2	12.25			0.08		0.44	0	0.10	0.00		0.00		0.10
33 kV	8	12.25			0.62		0.56	0	0.76	0.00		0.03		0.79
132 kV & Above		12.25			0.00				0.00	0.00		0.00		0.00
HT Cat-III : Industry	1914				4405.30	0.00	1531.11	0.00	2530.98	840.26	0.00	3.68	0.00	3374.93
(A): Industrial General	1871				1314.42	0.00	1469.00	0.00	777.54	837.33	0.00	3.59	0.00	1618.46
11 kV	1614	6.30	5700.00		481.98		422.47	0	303.65	240.81		2.72		547.18
33 kV	218	5.85	5700.00		541.64		500.35	0	316.86	285.20		0.74		602.80
132 kV & Above	39	5.40	5700.00		290.79		546.18	0	157.03	311.32		0.13		468.48
Industry, ToD Peak (6 AM to 10 AM & 6 PM to 10 PM)	0				1273.23	0.00	0.00	0.00	872.94	0.00	0.00	0.00	0.00	872.94
11 kV		7.30			361.22				263.69	0.00		0.00		263.69
33 kV		6.85			567.99				389.07	0.00		0.00		389.07
132 kV & Above		6.40			344.03				220.18	0.00		0.00		220.18
Industry, ToD Off Peak (10 PM to 6 AM)	0				1573.54	0.00	0.00	0.00	751.85	0.00	0.00	0.00	0.00	751.85
11 kV		5.30			340.15				180.28	0.00		0.00		180.28
33 kV		4.85			641.88				311.31	0.00		0.00		311.31
132 kV & Above		4.40			591.51				260.27	0.00		0.00		260.27
Industrial colonies	0				9.93	0.00	0.00	0.00	6.95	0.00	0.00	0.00	0.00	6.95
11 kV		7.00			0.97				0.68	0.00		0.00		0.68
33 kV		7.00			0.83				0.58	0.00		0.00		0.58
132 kV & Above		7.00			8.14				5.70	0.00		0.00		5.70
(B): Seasonal Industries	28				3.24	0.00	9.64	0.00	2.48	2.93	0.00	0.05	0.00	5.46
11 kV	28	7.65	3040.00		3.24		9.64	0	2.48	2.93		0.05		5.46
33 kV		6.95	3040.00		0.00				0.00	0.00		0.00		0.00
132 kV & Above		6.70	3040.00		0.00				0.00	0.00		0.00		0.00
(C): Energy Intensive Industries	15				230.94	0.00	52.47	0.00	119.22	0.00	0.00	0.05	0.00	119.27
11 kV	3	5.80			2.60		0.82	0	1.51	0.00		0.01		1.52
33 kV	8	5.35			117.14		19.46	0	62.67	0.00		0.03		62.70
132 kV & Above	4	4.95			111.20		32.20	0	55.04	0.00		0.01		55.06
HT Cat-IV : Institutional	310				691.38	0.00	426.25	0.00	412.93	183.57	0.00	0.64	0.00	597.14
(A): Utilities														
Composite Protected Water Supply Schemes	109				119.37	0.00	40.98	0.00	85.90	23.36	0.00	0.22	0.00	109.49
11 kV	86	7.65	5700.00		41.99		17.13	0	32.12	9.76		0.15		42.03
33 kV	23	6.95	5700.00		77.38		23.85	0	53.78	13.60		0.08		67.46
132 kV & Above		6.70	5700.00		0.00				0.00	0.00		0.00		0.00
(B): General Purpose	143				60.51	0.00	37.19	0.00	47.84	21.20	0.00	0.25	0.00	69.29
11 kV	138	7.95	5700.00		56.70		34.66	0	45.07	19.76		0.23		65.06
33 kV	5	7.25	5700.00		3.82		2.53	0	2.77	1.44		0.02		4.23
132 kV & Above		7.00	5700.00		0.00				0.00	0.00		0.00		0.00

Consumer Categories	No of consumers	Components of tariff			Relevant sales related data				Full year revenue excluding external subsidy					
		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)
(C): Religious Places	21				42.60	0.00	18.70	0.00	21.30	0.67	0.00	0.04	0.00	22.01
11 kV	19	5.00	360.00		6.25		4.70	0	3.13	0.17		0.03		3.33
33 kV	2	5.00	360.00		36.34		14.00	0	18.17	0.50		0.01		18.68
132 kV & Above		5.00	360.00		0.00				0.00	0.00		0.00		0.00
(D) Railway Traction	37	5.50	4200.00		468.90		329.38	0	257.89	138.34		0.12		396.36
HT Cat-V : Agricultural & Related	300				2195.04	0.00	1083.03	0.00	1549.04	13.99	0.00	0.66	0.00	1563.69
(B): Aquaculture and Animal Husbandry	26				29.72	0.00	12.84	0.00	11.44	0.46	0.00	0.04	0.00	11.95
11 kV	26	3.85	360.00		29.72		12.84	0	11.44	0.46		0.04		11.95
33 kV		3.85	360.00		0.00				0.00	0.00		0.00		0.00
132 kV & Above		3.85	360.00		0.00				0.00	0.00		0.00		0.00
(C):Poultry & Aquature														
(i) Poultry Hatcheries and Poultry Feed Mixing Plants	21				27.72	0.00	8.31	0.00	14.55	4.74	0.00	0.04	0.00	19.33
11 kV	19	5.25	5700.00		21.21		5.87	0	11.14	3.35		0.03		14.52
33 kV	2	5.25	5700.00		6.51		2.44	0	3.42	1.39		0.01		4.81
132 kV & Above		5.25	5700.00		0.00				0.00	0.00		0.00		0.00
(ii): Aqua Hatcheries & Aqua Feed mixing plants	31				38.12	0.00	15.41	0.00	21.92	8.79	0.00	0.06	0.00	30.76
11 kV	26	5.75	5700.00		16.80		7.51	0	9.66	4.28		0.04		13.98
33 kV	5	5.75	5700.00		21.32		7.91	0	12.26	4.51		0.02		16.78
132 kV & Above		5.75	5700.00		0.00				0.00	0.00		0.00		0.00
(E): Government / Private Lift Irrigation	222				2099.48	0.00	1046.47	0.00	1501.13	0.00	0.00	0.51	0.00	1501.65
11 kV	139	7.15			25.75		36.92	0	18.41	0.00		0.23		18.64
33 kV	52	7.15			94.89		128.45	0	67.85	0.00		0.18		68.02
132 kV & Above	31	7.15			1978.85		881.11	0	1414.88	0.00		0.10		1414.98
RESCO									0.00	0.00				0.00
Kuppam	1	0.40			519.54				20.78	0.00		0.00		20.78
TOTAL(LT + HT)	7144841				24272.22	0.00	11097.97	7100241.38	8374.22	1373.45	50.48	321.02	0.00	10119.17

Form 7

2018-19

Consumer Categories	Incentives (Rs. Crs)	Net Revenue from Tariff (Rs. Crores)	Surcharges		Grid Support Charges (Rs. Crs)	Non - tariff Income		Total Revenue (Net of incentives) (Rs.Crs)
			Surcharge (Rs.Crs)	Additional Surcharge (Rs.Crs)		Direct	Apportioned	
LT Total - (Existing Categories)	0.00	7087.71	0.00	0.00	0.00	0.00	608.23	7695.94
Category- Domestic (All)	0.00	3229.08					223.36	3452.44
Group A: All consumers with annual consumption < = 900 Units		622.95						622.95
0-50		413.31						413.31
51-100		147.38						147.38
101-200		38.07						38.07
Above 200		24.19						24.19
Group B: All consumers with consumption (< =2700 and > 900 units)		1622.01						1622.01
0-50		496.47						496.47
51-100		463.58						463.58
101-200		462.75						462.75
201-300		132.59						132.59
Above 300		66.62						66.62
Group C: All consumers with annual consumption >2700 units		984.12						984.12
0-50		78.48						78.48
51-100		88.63						88.63
101-200		260.30						260.30
201-300		221.05						221.05
301-400		125.48						125.48
401-500		69.05						69.05
Above 500 units		141.13						141.13
Smart Meters (Optional for above 500 units/month		0.00						0.00
Time of Day Tariff (ToD) 10 AM to 12 Noon		0.00						0.00
Category II - Non-domestic/CommrI (A,B ,C, D, E & F)	0.00	1952.73					49.12	2001.85
Category II - Non-domestic/CommrI (A & B)		1924.20						1924.20
Lt - II (A) Upto 50 units/month		137.71						137.71
0-50 units		137.71						137.71
Lt - II (B) >50 Units/month		1786.49						1786.49
0-50 units		156.12						156.12
51- 100 units		164.89						164.89
101- 300 units		326.86						326.86
301- 500 units		174.75						174.75
Above 500 units		963.88						963.88
LT II (C): Advertisement Hoardings		3.00						3.00
LT II (D) : Function Halls / Auditoriums		25.54						25.54
LT II (E): Electric Vehicles (Evs) / Charging stations		0.00						0.00
Time of Day Tariffs Peak (6 AM to 10 AM & 6 PM to 10 PM)		0.00						0.00
Time of Day Tariffs Off Peak (10 PM to 6 AM)		0.00						0.00
LT II (F) : Start up power		0.00						0.00
Category III - Industrial	0.00	1301.28					59.32	1360.61
Industries (General)		774.91						774.91
Seasonal Industries (off season)		0.01						0.01
Aquaculture and Animal Husbandry		517.78						517.78
Sugarcane crushing		0.71						0.71
Mushroom and Rabbit farms		0.04						0.04
Floriculture in Green House		0.02						0.02
Poultry Hatcherries & Poultry Feed mixing plants, Aqua Hatcherries and Aqua Feed mixing plants		7.81						7.81

Consumer Categories	Incentives (Rs. Crs)	Net Revenue from Tariff (Rs. Crores)	Surcharges		Grid Support Charges (Rs. Crs)	Non - tariff Income		Total Revenue (Net of incentives) (Rs.Crs)
			Surcharge (Rs.Crs)	Additional Surcharge (Rs.Crs)		Direct	AppORTioned	
Category IV- Cottage Industries	0.00	18.03					1.14	19.17
Cat -IV(A) - Cottage Indstr. Upto 10 HP		17.91						17.91
Cat -IV(B) - Agro Based Acticity upto 10 HP		0.12						0.12
Category V (A,B & C) - Agriculture (1+2)	0.00	55.82					253.22	309.05
Category V(A&B) - Agriculture - (1)		54.17						54.17
LT (A) with DSM		45.43						45.43
Corporate Farmers & IT Assesses		8.90						8.90
Wet Land Farmers (Holdings >2.5 acre)		0.28						0.28
Dry Land Farmers (Connections > 3 nos.)		0.06						0.06
Wet Land Farmers (Holdings <= 2.5 acre)		7.06						7.06
Dry Land Farmers (Connections <= 3 nos.)		29.12						29.12
LT (B) without DSM		8.75						8.75
Corporate Farmers & IT Assesses		7.78						7.78
Wet Land Farmers (Holdings >2.5 acre)		0.79						0.79
Dry Land Farmers (Connections > 3 nos.)		0.11						0.11
Wet Land Farmers (Holdings <= 2.5 acre)		0.04						0.04
Dry Land Farmers (Connections <= 3 nos.)		0.03						0.03
Category LT V(C) - Others - (2)		1.65						1.65
Salt Farming Units with CL upto 15HP		1.19						1.19
Rural Horticulture Nurseries		0.47						0.47
Rural Horticulture Nurseries (load upto 5HP)		0.47						0.47
Rural Horticulture Nurseries (> 5HP)		0.00						0.00
Category VI - Street Lighting & PWS	0.00	443.70					19.20	462.91
VI(A) - Street Lighting		131.02						131.02
Panchayats		77.81						77.81
Municipalities		24.05						24.05
Municipal Corporations		29.17						29.17
VI(B) - PWS Schemes		310.59						310.59
Panchayats		246.42						246.42
Municipalities		38.19						38.19
Municipal Corporations		25.99						25.99
VI(C) - NTR Sjujala Pathakam		2.09						2.09
Category VII (A&B)	0.00	85.64					2.83	88.46
Cat VII (A) - General Purpose		76.49						76.49
Cat VII-B - Religious Places		9.14						9.14
With contracted load <= 2 kw		3.28						3.28
With contracted load > 2 kw		5.86						5.86
Category VIII-Temporary Supply	0.00	1.42					0.03	1.45
Temp. Supply (for all units)		1.42						1.42
New L T Categories (Total)	0.00	0.00						0.00
TOTAL (LT including new categories)	0.00	7087.71	0.00	0.00	0.00	0.00	608.23	7695.94
HIGH TENSION	0.00	7896.95	0.00	0.00	0.00	0.00	290.29	8187.24
HT Category at 11 kV	0.00	2190.16	0.00	0.00	0.00	0.00	70.30	2260.46
HT I (A): General	0.00	731.68					12.15	743.83
Lights and Fans	0.00	22.16					0.90	23.06
Industrial Colonies	0.00	1.08					0.04	1.13
Seasonal Industries	0.00	3.03					0.10	3.13
Time of Day Tariffs Peak (6 AM to 10 AM & 6 PM to 10 PM)	0.00	328.45					11.46	339.91
Time of Day Tariffs Off Peak (10 PM to 6 AM)	0.00	219.91					10.63	230.54
HT I (B): Energy Intensive Industries	0.00	1.32					0.06	1.38
HT I (C): Aquaculture and Animal Husbandry	0.00	14.17					0.89	15.06
HT I (D): Poultry Hatcheries abd Poultry Feed Mixing Plants	0.00	34.68					1.05	35.73
HT II: Others	0.00	574.97					12.92	587.89
Time of Day Tariffs Peak (6 AM to 10 AM & 6 PM to 10 PM)	0.00	114.43					3.38	117.81
HT II (B): Religious Places	0.00	3.15					0.15	3.31
HT II (C): Function Halls/Auditoriums	0.00	10.68					0.23	10.91
HT II (E): Electric Vehicles (Evs) / Charging stations	0.00	0.00					0.00	0.00
Time of Day Tariffs Peak (6 AM to 10 AM & 6 PM to 10 PM)	0.00	0.00					0.00	0.00

Consumer Categories	Incentives (Rs. Crs)	Net Revenue from Tariff (Rs. Crores)	Surcharges		Grid Support Charges (Rs. Crs)	Non - tariff Income		Total Revenue (Net of incentives) (Rs.Crs)
			Surcharge (Rs.Crs)	Additional Surcharge (Rs.Crs)		Direct	Apportioned	
Time of Day Tariffs Off Peak (10 PM to 6 AM)	0.00	0.00					0.00	0.00
HT II (F) : Start up power	0.00	0.25					0.01	0.26
HT III: Public Infrastructure and Tourism	0.00	33.60					0.88	34.48
Time of Day Tariffs (6 PM to 10 PM)	0.00	6.64					0.20	6.85
HT IV Government LIS	0.00	33.36					1.45	34.81
HT IV Private Irrigation and Agriculture	0.00	0.00					0.00	0.00
HT IV CPWS	0.00	23.80					1.24	25.04
HT VI: Townships & Residential Colonies	0.00	15.26					0.58	15.85
HT VII: Green Power	0.00	0.03					0.00	0.03
HT VIII: Temporary	0.00	2.22					0.06	2.28
Category: RESCOs	0.00	15.27					11.91	27.18
HT Category at 33 kV	0.00	2727.28	0.00	0.00	0.00	0.00	96.71	2824.00
HT I (A): General	0.00	1074.96					26.63	1101.59
Lights and Fans	0.00	17.99					0.79	18.77
Industrial Colonies	0.00	6.84					0.28	7.12
Seasonal Industries	0.00	0.60					0.02	0.62
Time of Day Tariffs Peak (6 AM to 10 AM & 6 PM to 10 PM)	0.00	713.18					26.54	739.72
Time of Day Tariffs Off Peak (10 PM to 6 AM)	0.00	492.18					26.03	518.21
HT I (B): Energy Intensive Industries	0.00	135.52					6.50	142.02
HT I (C) : Aquaculture and Animal Husbandry	0.00	0.00					0.00	0.00
HT I (D) : Poultry Hatcheries and Poultry Feed Mixing Plants	0.00	50.54					1.82	52.36
HT II: Others	0.00	88.07					2.15	90.22
Time of Day Tariffs (6 PM to 10 PM)	0.00	20.79					0.67	21.46
HT II (B): Religious Places	0.00	14.85					0.75	15.60
HT II (C) : Function Halls / Auditoriums	0.00	0.13					0.00	0.13
HT II (E): Electric Vehicles (Evs) / Charging stations	0.00	0.00					0.00	0.00
Time of Day Tariffs Peak (6 AM to 10 AM & 6 PM to 10 PM)	0.00	0.00					0.00	0.00
Time of Day Tariffs Off Peak (10 PM to 6 AM)	0.00	0.00					0.00	0.00
HT II (F) : Start up power	0.00	21.41					0.45	21.86
HT III: Public Infrastructure and Tourism	0.00	6.36					0.17	6.54
Time of Day Tariffs (6 PM to 10 PM)	0.00	1.45					0.05	1.50
HT IV Government LIS	0.00	50.41					2.22	52.63
HT IV Agriculture	0.00	0.00					0.00	0.00
HT IV CPWS	0.00	29.34					1.54	30.88
HT VI: Townships & Residential Colonies	0.00	2.66					0.10	2.76
HT VII: Green Power	0.00	0.00					0.00	0.00
HT VIII: Temporary	0.00	0.00					0.00	0.00
Category: RESCOs	0.00	0.00					0.00	0.00
HT Category at 132 kV	0.00	2979.51	0.00	0.00	0.00	0.00	123.28	3102.78
HT I (A): General	0.00	824.46					22.25	846.71
Lights and Fans	0.00	7.96					0.38	8.34
Industrial Colonies	0.00	8.18					0.33	8.52
Seasonal Industries	0.00	0.00					0.00	0.00
Time of Day Tariffs Peak (6 AM to 10 AM & 6 PM to 10 PM)	0.00	545.41					21.64	567.06
Time of Day Tariffs Off Peak (10 PM to 6 AM)	0.00	399.91					23.20	423.11
HT I (B): Energy Intensive Industries	0.00	53.80					2.80	56.60
HT I (C) : Aquaculture and Animal Husbandry	0.00	0.00					0.00	0.00
HT I (D): Poultry Hatcheries and Poultry Feed Mixing Plants	0.00	0.00					0.00	0.00
HT II: Others	0.00	32.63					0.97	33.59
Time of Day Tariffs (6 PM to 10 PM)	0.00	6.53					0.22	6.75
HT II (B): Religious Places	0.00	0.00					0.00	0.00
HT II (C) : Function Halls / Auditoriums	0.00	0.00					0.00	0.00
HT II (E): Electric Vehicles (Evs) / Charging stations	0.00	0.00					0.00	0.00
Time of Day Tariffs Peak (6 AM to 10 AM & 6 PM to 10 PM)	0.00	0.00					0.00	0.00
Time of Day Tariffs Off Peak (10 PM to 6 AM)	0.00	0.00					0.00	0.00
HT II (F) : Start up power	0.00	4.32					0.09	4.41
HT III: Public Infrastructure and Tourism	0.00	0.00					0.00	0.00
Time of Day Tariffs (6 PM to 10 PM)	0.00	0.00					0.00	0.00
HT IV Government LIS	0.00	685.17					30.32	715.49
HT IV Agriculture	0.00	0.00					0.00	0.00
HT IV CPWS	0.00	0.00					0.00	0.00
HT V: Railway Traction	0.00	411.14					21.08	432.22
HT VI: Townships & Residential Colonies	0.00	0.00					0.00	0.00
HT VII: Green Power	0.00	0.00					0.00	0.00
HT VIII: Temporary	0.00	0.00					0.00	0.00
Category: RESCOs	0.00	0.00					0.00	0.00
	0.00	0.00						0.00
	0.00	0.00						0.00
TOTAL (LT + HT)	0.00	14984.65	0.00	0.00	0.00	0.00	898.52	15883.18

Consumer Categories	Incentives (Rs. Crs)	Net Revenue from Tariff (Rs. Crores)	Surcharges		Grid Support Charges (Rs. Crs)	Non - tariff Income		Total Revenue (Net of incentives) (Rs.Crs)
			Surcharge (Rs.Crs)	Additional Surcharge (Rs.Crs)		Direct	Apportioned	

2019-20

Consumer Categories	Incentives (Rs. Crs)	Net Revenue from Tariff (Rs. Crores)	Surcharges		Grid Support Charges (Rs. Crs)	Non - tariff Income		Total Revenue (Net of incentives) (Rs.Crs)
			Surcharge (Rs.Crs)	Additional Surcharge (Rs.Crs)		Direct	Apportioned	
LT Total - (Existing Categories)	0.00	7297.84	0.00	0.00	0.00	0.00	583.24	7881.07
LT Cat-I (A): Domestic (Telescopic)	0.00	3556.02	0.00	0.00	0.00	0.00	374.01	3930.03
Group A : Consumption ≤ 900 Units during FY2018-19	0.00	769.67	0.00	0.00	0.00	0.00	107.14	876.81
0-50		420.15					73.14	493.29
51-100		183.07					23.50	206.56
101-200		105.95					7.19	113.14
Above 200		60.50					3.31	63.82
Group B: Consumption ≤ 2700 and > 900 units during FY2018-19	0.00	1747.04	0.00	0.00	0.00	0.00	195.69	1942.73
0-50		522.41					76.16	598.57
51-100		469.78					60.43	530.21
101-200		502.06					46.00	548.06
201-300		158.01					8.43	166.44
Above 300		94.77					4.67	99.44
Group C: Consumption > 2700 units during FY2018-19	0.00	1039.31	0.00	0.00	0.00	0.00	71.18	1110.49
0-50		100.60					13.77	114.37
51-100		109.62					12.10	121.73
101-200		278.30					19.03	297.33
201-300		214.73					11.21	225.94
301-400		124.39					5.91	130.30
401-500		72.80					3.27	76.07
Above 500 units		138.87					5.89	144.76
(B) : Townships & Colonies		0.00					0.00	0.00
LT Cat-II : Commercial & Others	0.00	1705.33	0.00	0.00	0.00	0.00	76.34	1781.67
(A) : Commercial	0.00	1674.72	0.00	0.00	0.00	0.00	75.36	1750.08
(i) Minor 0-50 units		131.68					3.95	135.62
(ii) Major	0.00	1543.04	0.00	0.00	0.00	0.00	71.42	1614.46
0-50		773.84					9.10	782.94
51-100		195.16					7.16	202.32
101-300		373.71					13.55	387.26
301-500		197.46					6.97	204.43
Above 500		2.87					34.63	37.50
(C) : Advertising Hoardings		4.64					0.13	4.77
(D) : Function Halls / Auditoriums, Startup Power for Captive Generating Plants or Co-Generation Plants or Renewable Energy Generation Plants		25.91					0.85	26.76
(E) : Electric Vehicles (EVs) / Charging Stations		0.06					0.00	0.06
LT Cat-III : Industry	0.00	804.19	0.00	0.00	0.00	0.00	38.92	843.10
(A) : Industry (General)		784.94					37.15	822.10
(B) : Seasonal Industries (off- season)		0.23					0.01	0.24
(D) : Cottage Industries upto 10HP *		19.02					1.75	20.77
Dhobigatts								
LT Cat-IV : Institutional	0.00	557.98	0.00	0.00	0.00	0.00	33.59	591.58
(A) : Street Lighting	0.00	101.70	0.00	0.00	0.00	0.00	5.44	107.14
(i) Panchayats		62.43					3.46	65.89
(ii) Municipalities		18.27					0.98	19.25
(iii) Municipal Corporations		21.00					1.00	22.00
(B) : CPWS/PWS Schemes	0.00	353.91	0.00	0.00	0.00	0.00	22.79	376.70
(i) Panchayats		262.70					18.96	281.67
(ii) Municipalities		43.24					2.64	45.88
(iii) Municipal Corporations		47.96					1.19	49.15
(C) : NTR Sujala Pathakam		2.35					0.22	2.57
(D) : General Purpose		87.12					4.21	91.33
(E) : Religious Places	0.00	12.91	0.00	0.00	0.00	0.00	0.94	13.84
(i) ≤ 2kW		8.62					0.62	9.24
(ii) > 2kW		4.29					0.31	4.60
LT Cat-V : Agricultural & Related	0.00	674.32	0.00	0.00	0.00	0.00	60.37	734.69
(A) : Corporate Farmers / Salt Farming Units upto 15 HP		0.00					0.00	0.00
Corporate Farmers with DSM measures		4.36					0.65	5.01
Salt farming units upto 15HP		0.59					0.09	0.68
(B) : Non-Corporate Farmers / Sugarcane crushing / Rural		0.00						0.00

Consumer Categories	Incentives (Rs. Crs)	Net Revenue from Tariff (Rs. Crores)	Surcharges		Grid Support Charges (Rs. Crs)	Non - tariff Income		Total Revenue (Net of incentives) (Rs.Crs)
			Surcharge (Rs.Crs)	Additional Surcharge (Rs.Crs)		Direct	Apportioned	
Non Corporate Farmers		40.73					0.00	40.73
Sugarcane crushing		0.00					0.00	0.00
Rural Horticulture Nurseries		0.15					0.22	0.37
(C) Aqua culture, Animal Husbandry		618.25					58.43	676.68
(D): Poultry & Aquaculture		0.00					0.00	0.00
Poultry Hatcheries and Poultry Feed Mixing Plants		0.10					0.01	0.11
Aqua Hatcheries and Aqua feed mixing plants		9.87					0.96	10.83
Floriculture in Gree House		0.00					0.00	0.00
(E): Agro based cottage industries upto 10HP		0.25					0.02	0.28
Temporary		0.00					0.00	0.00
HT Category	10.89	7905.39	0.00	0.00	0.00	0.00	431.26	8336.65
HT Cat-(A): Domestic	0.00	15.94	0.00	0.00	0.00	0.00	0.90	16.84
(B): Townships, Colonies, Gated Communities and Villas	0.00	15.94	0.00	0.00	0.00	0.00	0.90	16.84
11 kV		13.54					0.77	14.31
33 kV		2.40					0.13	2.54
132 kV & Above		0.00					0.00	0.00
HT Cat-II : Commercial & Others	0.00	1023.05	0.00	0.00	0.00	0.00	37.86	1060.90
(A): Commercial	0.00	796.54	0.00	0.00	0.00	0.00	28.41	824.95
11 kV		655.39					22.87	678.26
33 kV		108.14					4.06	112.20
132 kV & Above		33.01					1.48	34.48
Commercial, ToD	0.00	122.15	0.00	0.00	0.00	0.00	5.56	127.71
11 kV		100.35					4.49	104.84
33 kV		16.06					0.78	16.84
132 kV & Above		5.73					0.29	6.02
(B): Public Infrastructure & Tourism	0.00	47.47	0.00	0.00	0.00	0.00	1.94	49.41
11 kV		39.49					1.59	41.08
33 kV		7.97					0.36	8.33
132 kV & Above		0.00					0.00	0.00
Public Infrastructure & Tourism, ToD	0.00	8.76	0.00	0.00	0.00	0.00	0.41	9.17
11 kV		7.25					0.34	7.59
33 kV		1.51					0.08	1.59
132 kV & Above		0.00					0.00	0.00
(D) (i) Function Halls/Auditoriums	0.00	3.46	0.00	0.00	0.00	0.00	0.11	3.57
11 kV		3.46					0.11	3.57
33 kV		0.00					0.00	0.00
132 kV & Above		0.00					0.00	0.00
(D) (ii) Start up power	0.00	44.47	0.00	0.00	0.00	0.00	1.42	45.89
11 kV		11.33					0.37	11.70
33 kV		27.45					0.86	28.31
132 kV & Above		5.69					0.19	5.88
(E): Electric Vehicles (Evs) / Charging stations	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11 kV		0.00					0.00	0.00
33 kV		0.00					0.00	0.00
132 kV & Above		0.00					0.00	0.00
(F): Green Power	0.00	0.20	0.00	0.00	0.00	0.00	0.01	0.21
11 kV		0.10					0.00	0.10
33 kV		0.10					0.00	0.10
132 kV & Above		0.00					0.00	0.00
HT Cat-III : Industry	10.89	5265.09	0.00	0.00	0.00	0.00	268.44	5533.52
(A): Industrial General	10.89	3538.08	0.00	0.00	0.00	0.00	151.56	3689.64
11 kV		1.15					37.97	1101.34
33 kV		6.68					68.00	1563.98
132 kV & Above		3.06					45.58	1024.32
Industry, ToD Peak (6 AM to 10 AM & 6 PM to 10 PM)	0.00	910.37	0.00	0.00	0.00	0.00	51.69	962.07
11 kV		221.25					11.72	232.98
33 kV		424.27					23.96	448.23
132 kV & Above		264.85					16.01	280.86

Consumer Categories	Incentives (Rs. Crs)	Net Revenue from Tariff (Rs. Crores)	Surcharges		Grid Support Charges (Rs. Crs)	Non - tariff Income		Total Revenue (Net of incentives) (Rs.Crs)
			Surcharge (Rs.Crs)	Additional Surcharge (Rs.Crs)		Direct	Apportioned	
Industry, ToD Off Peak (10 PM to 6 AM)	0.00	713.16	0.00	0.00	0.00	0.00	57.70	770.86
11 kV		152.30					11.12	163.41
33 kV		334.11					26.65	360.75
132 kV & Above		226.76					19.94	246.69
Industrial colonies	0.00	10.73	0.00	0.00	0.00	0.00	0.66	11.39
11 kV		0.34					0.02	0.36
33 kV		4.59					0.28	4.88
132 kV & Above		5.79					0.36	6.15
(B): Seasonal Industries	0.00	4.94	0.00	0.00	0.00	0.00	0.25	5.19
11 kV		4.50					0.23	4.72
33 kV		0.44					0.02	0.47
132 kV & Above		0.00					0.00	0.00
(C): Energy Intensive Industries	0.00	87.80	0.00	0.00	0.00	0.00	6.58	94.38
11 kV		0.79					0.05	0.84
33 kV		46.44					3.36	49.80
132 kV & Above		40.57					3.17	43.74
HT Cat-IV : Institutional	0.00	533.39	0.00	0.00	0.00	0.00	37.27	570.66
(B): Composite Protected Water Supply Schemes/ PWS Schemes	0.00	58.82	0.00	0.00	0.00	0.00	4.67	63.49
11 kV		27.56					2.18	29.74
33 kV		31.26					2.49	33.75
132 kV & Above		0.00					0.00	0.00
(E): Religious Places	0.00	20.23	0.00	0.00	0.00	0.00	1.53	21.76
11 kV		4.20					0.31	4.51
33 kV		16.03					1.22	17.25
132 kV & Above		0.00					0.00	0.00
(F) Railway Traction		454.35					31.06	485.41
HT Cat-V : Agricultural & Related	0.00	1049.80	0.00	0.00	0.00	0.00	69.27	1119.08
(C): Aquaculture and Animal Husbandry	0.00	19.10	0.00	0.00	0.00	0.00	1.83	20.92
11 kV		19.10					1.83	20.92
33 kV		0.00					0.00	0.00
132 kV & Above		0.00					0.00	0.00
(D) Poultry Hatcheries and Poultry Feed Mixing Plants, Aqua Hatcheries and Aqua feed mixing plants & Floriculture in Green House	0.00	119.42	0.00	0.00	0.00	0.00	6.73	126.15
11 kV		48.28					2.49	50.77
33 kV		71.14					4.24	75.38
132 kV & Above		0.00					0.00	0.00
(F): Government / Private Lift Irrigation	0.00	911.29	0.00	0.00	0.00	0.00	60.72	972.00
11 kV		36.13					2.37	38.49
33 kV		62.12					4.13	66.25
132 kV & Above		813.04					54.22	867.26
RESCO		0.00						0.00
Kuppam		18.12					17.52	35.64
TOTAL(LT + HT)	10.89	15203.23	0.00	0.00	0.00	0.00	1014.49	16217.72

Consumer Categories	Incentives (Rs. Crs)	Net Revenue from Tariff (Rs. Crores)	Surcharges		Grid Support Charges (Rs. Crs)	Non - tariff Income		Total Revenue (Net of incentives) (Rs.Crs)
			Surcharge (Rs.Crs)	Additional Surcharge (Rs.Crs)		Direct	Apportioned	
2020-21								
Consumer Categories	Incentives (Rs. Crs)	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)
LT Total - (Existing Categories)	0.00	3915.02	0.00	0.00	0.00	0.00	387.26	4302.28
LT Cat-I (A): Domestic (Telescopic)	0.00	1943.33	0.00	0.00	0.00	0.00	258.57	2201.90
Group A: Consumption < = 75 Units during the billing month	0.00	301.18	0.00	0.00	0.00	0.00	54.95	356.13
0-50		233.28					48.04	281.31
51-75		67.91					6.91	74.82
Group B: Consumption < 225 and >75 units during the billing month	0.00	908.74	0.00	0.00	0.00	0.00	143.17	1051.90
0-50		269.82					53.13	322.96
51-100		287.75					50.25	338.00
101-200		320.29					37.78	358.07
201-225		30.87					2.01	32.87
Group C: Consumption >225 units during the billing month	0.00	733.41	0.00	0.00	0.00	0.00	60.46	793.87
0-50		38.43					7.43	45.86
51-100		48.59					7.43	56.01
101-200		156.63					14.85	171.48
201-300		201.47					14.19	215.66
301-400		107.87					6.83	114.71
401-500		58.47					3.49	61.96
Above 500 units		121.95					6.25	128.19
LT Cat-II : Commercial & Others	0.00	775.67	0.00	0.00	0.00	0.00	37.10	812.77
(A): Commercial	0.00	761.35	0.00	0.00	0.00	0.00	36.67	798.02
(i) Minor 0-50 units		79.12					2.99	82.10
(ii) Major	0.00	682.23	0.00	0.00	0.00	0.00	33.68	715.92
0-50		57.11					4.24	61.35
51-100		67.45					3.48	70.92
101-300		129.07					6.23	135.30
301-500		66.53					3.18	69.71
Above 500		362.08					16.56	378.64
(iii) Advertising Hoardings		2.18					0.07	2.26
(iv) Function Halls/Auditoriums		12.05					0.35	12.40
(B): Start up power		0.00					0.00	0.00
(C) : Electric Vehicles (Evs) / Charging stations		0.09					0.01	0.10
LT Cat-III : Industry	0.00	393.44	0.00	0.00	0.00	0.00	24.70	418.13
(A): Industry(General)		377.07					22.74	399.81
(B): Seasonal Industries (off season)		0.20					0.01	0.22
(D): Cottage Industries upto 10HP		16.16					1.94	18.10
LT Cat-IV : Institutional	0.00	492.99	0.00	0.00	0.00	0.00	32.69	525.68
(A): Utilities	0.00	411.87	0.00	0.00	0.00	0.00	27.72	439.59
Panchayats		328.44					22.09	350.53
NTR Sujala Pathakam		2.61					0.17	2.78
Urban Local Bodies		80.82					5.45	86.27
(B): General Purpose		77.22					4.62	81.84
(C): Religious Places	0.00	3.90	0.00	0.00	0.00	0.00	0.36	4.26
(i) <= 2kW		2.24					0.20	2.44
(ii) > 2kW		1.66					0.16	1.81
LT Cat-V : Agricultural & Related	0.00	309.60	0.00	0.00	0.00	0.00	34.20	343.80
(A): Agriculture		0.00					0.00	0.00
(i) Corporate Farmers & IT Assesses		3.13					0.20	3.33
(ii) Non-Corporate Farmers		35.97					0.00	35.97
(iii) Salt farming units with Connected Load upto 15HP		0.14					0.03	0.16
(iv) Sugarcane crushing		0.00					0.00	0.00
(v) Rural Horticulture Nurseries		0.00					0.02	0.03
(vi) Floriculture in Green House		0.00					0.00	0.00
(B): Aquaculture and Animal Husbandry		260.38					33.04	293.41
(C): Poultry & Aquaculture		0.00					0.00	0.00
(i) Poultry Hatcheries and Poultry Feed Mixing Plants		0.07					0.01	0.07
(ii) Aqua Hatcheries and Aqua feed mixing plants		9.78					0.89	10.67
(D): Agro Based Cottage Industries upto 10HP		0.06					0.01	0.07
(E): Government/Private Lift Irrigation Schemes		0.08					0.01	0.08
Temporary		0.00					0.00	0.00

Consumer Categories	Incentives (Rs. Crs)	Net Revenue from Tariff (Rs. Crores)	Surcharges		Grid Support Charges (Rs. Crs)	Non - tariff Income		Total Revenue (Net of incentives) (Rs.Crs)
			Surcharge (Rs.Crs)	Additional Surcharge (Rs.Crs)		Direct	Apportioned	
HT Category	10.05	5199.96	0.00	0.00	0.00	0.00	361.16	5561.11
HT Cat-(A): Domestic	0.00	11.52	0.00	0.00	0.00	0.00	0.78	12.30
(B): Townships, Colonies, Gated Communities and Villas	0.00	11.52	0.00	0.00	0.00	0.00	0.78	12.30
11 kV		9.21					0.62	9.84
33 kV		2.31					0.16	2.47
132 kV & Above		0.00					0.00	0.00
HT Cat-II : Commercial & Others	0.00	324.72	0.00	0.00	0.00	0.00	14.04	338.76
(ii) Major	0.00	225.71	0.00	0.00	0.00	0.00	8.80	234.51
11 kV		190.21					7.30	197.51
33 kV		14.98					0.51	15.49
132 kV & Above		20.51					1.00	21.51
Commercial, ToD	0.00	59.88	0.00	0.00	0.00	0.00	3.65	63.53
11 kV		44.25					2.62	46.87
33 kV		3.41					0.22	3.63
132 kV & Above		12.22					0.81	13.03
(iv) Function Halls/Auditoriums	0.00	2.12	0.00	0.00	0.00	0.00	0.09	2.21
11 kV		2.12					0.09	2.21
33 kV		0.00					0.00	0.00
132 kV & Above		0.00					0.00	0.00
(B): Start up power	0.00	36.75	0.00	0.00	0.00	0.00	1.49	38.24
11 kV		0.22					0.01	0.23
33 kV		30.49					1.23	31.73
132 kV & Above		6.04					0.25	6.28
(C): Electric Vehicles (Evs) / Charging stations	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11 kV		0.00					0.00	0.00
33 kV		0.00					0.00	0.00
132 kV & Above		0.00					0.00	0.00
(D): Green Power	0.00	0.26	0.00	0.00	0.00	0.00	0.01	0.27
11 kV		0.06					0.00	0.06
33 kV		0.20					0.01	0.21
132 kV & Above		0.00					0.00	0.00
HT Cat-III : Industry	10.05	2972.04	0.00	0.00	0.00	0.00	195.77	3167.80
(A): Industrial General	10.05	1413.36	0.00	0.00	0.00	0.00	55.18	1468.54
11 kV	1.12	457.25					18.59	475.84
33 kV	6.11	502.97					21.10	524.07
132 kV & Above	2.83	453.14					15.49	468.64
Industry, ToD Peak (6 AM to 10 AM & 6 PM to 10 PM)	0.00	791.26	0.00	0.00	0.00	0.00	59.55	850.81
11 kV		202.18					14.18	216.36
33 kV		333.92					24.96	358.88
132 kV & Above		255.16					20.41	275.57
Industry, ToD Off Peak (10 PM to 6 AM)	0.00	638.91	0.00	0.00	0.00	0.00	68.80	707.71
11 kV		139.79					13.50	153.30
33 kV		257.73					27.21	284.94
132 kV & Above		241.38					28.09	269.47
Industrial colonies	0.00	6.57	0.00	0.00	0.00	0.00	0.48	7.05
11 kV		0.32					0.02	0.34
33 kV		0.60					0.04	0.64
132 kV & Above		5.65					0.41	6.07
(B): Seasonal Industries	0.00	5.74	0.00	0.00	0.00	0.00	0.19	5.93
11 kV		5.74					0.19	5.93
33 kV		0.00					0.00	0.00
132 kV & Above		0.00					0.00	0.00
(C): Energy Intensive Industries	0.00	116.20	0.00	0.00	0.00	0.00	11.56	127.76
11 kV		0.94					0.08	1.03
33 kV		56.82					5.44	62.26
132 kV & Above		58.43					6.04	64.48
HT Cat-IV : Institutional	0.00	449.25	0.00	0.00	0.00	0.00	25.37	474.62
(A): Utilities								
Composite Protected Water Supply Schemes	0.00	98.85	0.00	0.00	0.00	0.00	5.50	104.36
11 kV		40.12					2.05	42.17
33 kV		58.73					3.45	62.18
132 kV & Above		0.00					0.00	0.00
(B): General Purpose	0.00	52.32	0.00	0.00	0.00	0.00	2.34	54.66
11 kV		49.08					2.19	51.27
33 kV		3.25					0.15	3.39
132 kV & Above		0.00					0.00	0.00

Consumer Categories	Incentives (Rs. Crs)	Net Revenue from Tariff (Rs. Crores)	Surcharges		Grid Support Charges (Rs. Crs)	Non - tariff Income		Total Revenue (Net of incentives) (Rs.Crs)
			Surcharge (Rs.Crs)	Additional Surcharge (Rs.Crs)		Direct	Apportioned	
(C): Religious Places	0.00	13.85	0.00	0.00	0.00	0.00	1.38	15.23
11 kV		1.96					0.19	2.15
33 kV		11.88					1.19	13.07
132 kV & Above		0.00					0.00	0.00
(D) Railway Traction		284.23					16.15	300.38
HT Cat-V : Agricultural & Related	0.00	1424.56	0.00	0.00	0.00	0.00	102.32	1526.88
(B): Aquaculture and Animal Husbandry	0.00	9.97	0.00	0.00	0.00	0.00	1.27	11.24
11 kV		9.97					1.27	11.24
33 kV		0.00					0.00	0.00
132 kV & Above		0.00					0.00	0.00
(C):Poultry & Aqualture								
(i) Poultry Hatcheries and Poultry Feed Mixing Plants	0.00	17.67	0.00	0.00	0.00	0.00	1.29	18.96
11 kV		13.02					0.97	13.99
33 kV		4.65					0.32	4.97
132 kV & Above		0.00					0.00	0.00
(ii): Aqua Hatcheries & Aqua Feed mixing plants	0.00	26.82	0.00	0.00	0.00	0.00	1.68	28.50
11 kV		14.11					0.87	14.98
33 kV		12.71					0.81	13.52
132 kV & Above		0.00					0.00	0.00
(E): Government / Private Lift Irrigation	0.00	1370.10	0.00	0.00	0.00	0.00	98.08	1468.18
11 kV		16.01					1.13	17.14
33 kV		55.73					3.98	59.71
132 kV & Above		1298.36					92.97	1391.33
RESCO		0.00						0.00
Kuppam		17.87					22.87	40.75
TOTAL(LT + HT)	10.05	9114.98	0.00	0.00	0.00	0.00	748.41	9863.39

Consumer Categories	Incentives (Rs. Crs)	Net Revenue from Tariff (Rs. Crores)	Surcharges		Grid Support Charges (Rs. Crs)	Non - tariff Income		Total Revenue (Net of incentives) (Rs.Crs)
			Surcharge (Rs.Crs)	Additional Surcharge (Rs.Crs)		Direct	Apportioned	
2021-22								
Consumer Categories	Incentives (Rs. Crs)	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)
LT Total - (Existing Categories)	0.00	4176.75	0.00	0.00	0.00	0.00	398.43	4575.18
LT Cat-I (A): Domestic (Telescopic)	0.00	1915.51	0.00	0.00	0.00	0.00	255.96	2171.48
Group A: Consumption <= 75 Units during the billing month	0.00	319.41	0.00	0.00	0.00	0.00	57.08	376.49
0-50		266.75					53.44	320.19
51-75		52.66					3.64	56.30
Group B: Consumption < 225 and >75 units during the billing month	0.00	902.93	0.00	0.00	0.00	0.00	141.30	1044.23
0-50		314.46					59.72	374.17
51-100		307.06					51.71	358.77
101-200		269.38					29.30	298.67
201-225		12.03					0.58	12.61
Group C: Consumption >225 units during the billing month	0.00	693.18	0.00	0.00	0.00	0.00	57.58	750.76
0-50		43.17					8.04	51.22
51-100		54.58					8.04	62.62
101-200		175.95					16.09	192.04
201-300		181.88					12.31	194.19
301-400		87.34					5.31	92.65
401-500		44.92					2.58	47.49
Above 500 units		105.34					5.20	110.54
LT Cat-II : Commercial & Others	0.00	911.96	0.00	0.00	0.00	0.00	41.85	953.81
(A): Commercial	0.00	889.52	0.00	0.00	0.00	0.00	41.20	930.72
(i) Minor 0-50 units		74.62					2.38	77.00
(ii) Major	0.00	814.90	0.00	0.00	0.00	0.00	38.83	853.73
0-50		70.20					5.02	75.22
51-100		76.41					3.80	80.21
101-300		151.93					7.07	159.00
301-500		79.95					3.68	83.63
Above 500		436.41					19.25	455.67
(iii) Advertising Hoardings		2.55					0.08	2.63
(iv) Function Halls/Auditoriums		19.80					0.56	20.36
(B): Start up power		0.00					0.00	0.00
(C) : Electric Vehicles (Evs) / Charging stations		0.09					0.01	0.10
LT Cat-III : Industry	0.00	443.27	0.00	0.00	0.00	0.00	26.90	470.17
(A): Industry(General)		423.54					24.63	448.17
(B): Seasonal Industries (off season)		0.23					0.01	0.24
(D): Cottage Industries upto 10HP		19.50					2.26	21.76
Dhobigatts		0.00					0.00	0.00
LT Cat-IV : Institutional	0.00	542.62	0.00	0.00	0.00	0.00	34.59	577.21
(A): Utilities	0.00	444.51	0.00	0.00	0.00	0.00	28.80	473.31
Panchayats		367.70					23.85	391.55
NTR Sujala Pathakam		3.27					0.21	3.48
Urban Local Bodies		73.54					4.74	78.28
(B): General Purpose		93.73					5.41	99.14
(C): Religious Places	0.00	4.38	0.00	0.00	0.00	0.00	0.39	4.76
(i) <= 2kW		2.41					0.21	2.62
(ii) > 2kW		1.97					0.18	2.14
LT Cat-V : Agricultural & Related	0.00	363.39	0.00	0.00	0.00	0.00	39.11	402.50
(A): Agriculture		0.00					0.00	0.00
(i) Corporate Farmers & IT Assesses		3.24					0.21	3.44
(ii) Non-Corporate Farmers		39.27					0.00	39.27
(iii) Salt farming units with Connected Load upto 15HP		0.17					0.03	0.20
(iv) Sugarcane crushing		0.00					0.00	0.00
(v) Rural Horticulture Nurseries		0.00					0.03	0.03
(vi) Floriculture in Green House		0.00					0.00	0.00
(B): Aquaculture and Animal Husbandry		309.69					37.89	347.58
(C): Poultry & Aquaculture		0.00					0.00	0.00
(i) Poultry Hatcheries and Poultry Feed Mixing Plants		0.02					0.00	0.03
(ii) Aqua Hatcheries and Aqua feed mixing plants		10.86					0.95	11.80
(D): Agro Based Cottage Industries upto 10HP		0.06					0.01	0.07
(E): Government/Private Lift Irrigation Schemes		0.08					0.00	0.08
Temporary		0.00					0.00	0.00

Consumer Categories	Incentives (Rs. Crs)	Net Revenue from Tariff (Rs. Crores)	Surcharges		Grid Support Charges (Rs. Crs)	Non - tariff Income		Total Revenue (Net of incentives) (Rs.Crs)
			Surcharge (Rs.Crs)	Additional Surcharge (Rs.Crs)		Direct	Apportioned	
HT Category	11.89	5930.54	0.00	0.00	0.00	0.00	402.38	6332.91
HT Cat-(A): Domestic	0.00	10.85	0.00	0.00	0.00	0.00	0.61	11.46
(B): Townships, Colonies, Gated Communities Villas	0.00	10.85	0.00	0.00	0.00	0.00	0.61	11.46
11 kV		7.44					0.38	7.82
33 kV		3.41					0.23	3.64
132 kV & Above		0.00					0.00	0.00
HT Cat-II : Commercial & Others	0.00	375.03	0.00	0.00	0.00	0.00	16.08	391.12
(ii) Major	0.00	273.95	0.00	0.00	0.00	0.00	11.11	285.06
11 kV		229.13					9.03	238.16
33 kV		17.17					0.64	17.81
132 kV & Above		27.65					1.44	29.09
Commercial, ToD	0.00	53.52	0.00	0.00	0.00	0.00	3.12	56.63
11 kV		44.05					2.51	46.57
33 kV		2.87					0.18	3.05
132 kV & Above		6.60					0.42	7.02
(iv) Function Halls/Auditoriums	0.00	3.46	0.00	0.00	0.00	0.00	0.13	3.60
11 kV		3.46					0.13	3.60
33 kV		0.00					0.00	0.00
132 kV & Above		0.00					0.00	0.00
(B): Start up power	0.00	43.22	0.00	0.00	0.00	0.00	1.69	44.91
11 kV		0.25					0.01	0.26
33 kV		35.63					1.39	37.01
132 kV & Above		7.34					0.29	7.63
(C): Electric Vehicles (Evs) / Charging stations	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11 kV		0.00					0.00	0.00
33 kV		0.00					0.00	0.00
132 kV & Above		0.00					0.00	0.00
(D): Green Power	0.00	0.89	0.00	0.00	0.00	0.00	0.03	0.92
11 kV		0.10					0.00	0.10
33 kV		0.79					0.03	0.82
132 kV & Above		0.00					0.00	0.00
HT Cat-III : Industry	11.89	3363.04	0.00	0.00	0.00	0.00	217.51	3580.55
(A): Industrial General	11.89	1606.57	0.00	0.00	0.00	0.00	64.90	1671.47
11 kV	1.39	545.79					23.80	569.59
33 kV	7.44	595.36					26.74	622.10
132 kV & Above	3.06	465.42					14.36	479.78
Industry, ToD Peak (6 AM to 10 AM & 6 PM to 10 PM)	0.00	872.94	0.00	0.00	0.00	0.00	62.87	935.80
11 kV		263.69					17.84	281.52
33 kV		389.07					28.04	417.12
132 kV & Above		220.18					16.99	237.16
Industry, ToD Off Peak (10 PM to 6 AM)	0.00	751.85	0.00	0.00	0.00	0.00	77.69	829.55
11 kV		180.28					16.79	197.07
33 kV		311.31					31.69	343.00
132 kV & Above		260.27					29.21	289.47
Industrial colonies	0.00	6.95	0.00	0.00	0.00	0.00	0.49	7.44
11 kV		0.68					0.05	0.73
33 kV		0.58					0.04	0.62
132 kV & Above		5.70					0.40	6.10
(B): Seasonal Industries	0.00	5.46	0.00	0.00	0.00	0.00	0.16	5.62
11 kV		5.46					0.16	5.62
33 kV		0.00					0.00	0.00
132 kV & Above		0.00					0.00	0.00
(C): Energy Intensive Industries	0.00	119.27	0.00	0.00	0.00	0.00	11.40	130.67
11 kV		1.52					0.13	1.64
33 kV		62.70					5.78	68.48
132 kV & Above		55.06					5.49	60.55
HT Cat-IV : Institutional	0.00	597.14	0.00	0.00	0.00	0.00	34.14	631.28
(A): Utilities								
Composite Protected Water Supply Schemes	0.00	109.49	0.00	0.00	0.00	0.00	5.89	115.38
11 kV		42.03					2.07	44.11
33 kV		67.46					3.82	71.28
132 kV & Above		0.00					0.00	0.00
(B): General Purpose	0.00	69.29	0.00	0.00	0.00	0.00	2.99	72.28
11 kV		65.06					2.80	67.86
33 kV		4.23					0.19	4.41
132 kV & Above		0.00					0.00	0.00

Consumer Categories	Incentives (Rs. Crs)	Net Revenue from Tariff (Rs. Crores)	Surcharges		Grid Support Charges (Rs. Crs)	Non - tariff Income		Total Revenue (Net of incentives) (Rs.Crs)
			Surcharge (Rs.Crs)	Additional Surcharge (Rs.Crs)		Direct	Apportioned	
(C): Religious Places	0.00	22.01	0.00	0.00	0.00	0.00	2.10	24.11
11 kV		3.33					0.31	3.64
33 kV		18.68					1.79	20.48
132 kV & Above		0.00					0.00	0.00
(D) Railway Traction		396.36					23.15	419.51
HT Cat-V : Agricultural & Related	0.00	1563.69	0.00	0.00	0.00	0.00	108.38	1672.07
(B): Aquaculture and Animal Husbandry	0.00	11.95	0.00	0.00	0.00	0.00	1.47	13.42
11 kV		11.95					1.47	13.42
33 kV		0.00					0.00	0.00
132 kV & Above		0.00					0.00	0.00
(C):Poultry & Aqualture								
(i) Poultry Hatcheries and Poultry Feed Mixing Plants	0.00	19.33	0.00	0.00	0.00	0.00	1.37	20.70
11 kV		14.52					1.05	15.56
33 kV		4.81					0.32	5.13
132 kV & Above		0.00					0.00	0.00
(ii): Aqua Hatcheries & Aqua Feed mixing plants	0.00	30.76	0.00	0.00	0.00	0.00	1.88	32.65
11 kV		13.98					0.83	14.81
33 kV		16.78					1.05	17.83
132 kV & Above		0.00					0.00	0.00
(E): Government / Private Lift Irrigation	0.00	1501.65	0.00	0.00	0.00	0.00	103.66	1605.31
11 kV		18.64					1.27	19.91
33 kV		68.02					4.69	72.71
132 kV & Above		1414.98					97.71	1512.69
RESCO		0.00						0.00
Kuppam		20.78					25.65	46.44
TOTAL(LT + HT)	11.89	10107.29	0.00	0.00	0.00	0.00	800.80	10908.09

Form 8

Revenue Deficit / Surplus at Current Tariffs and Charges

Items of Revenue Deficit/Surplus (Rs. Crs.)	Detail Links	2019-20	2020-21	2021-22	2022-23	2023-24
Aggregate Revenue Requirement (Rs. Crs.)	Form 1	23513.95	15824.04	17768.00		
Total Revenue		16217.72	9863.39	10908.09	0.00	0.00
Revenue from Current Tariffs (Net of incentives) (Rs. Crs.)	Form 5	15203.23	9114.98	10107.29		
Non - Tariff Income (Rs. Crs.)	Form 6'	1014.49	748.41	800.80		
Revenue from Trading (Rs. Crs.)	Form 1.4 b	0.00	0.00	0.00		
Revenue Deficit (-) / Surplus(+) at Current Tariffs (Rs. Crs.)		-7296.23	-5960.65	-6859.92	0.00	0.00

Form 9

Revenue Deficit / Surplus and Proposed Adjustments

	Items of Revenue Deficit/ Surplus (Rs. Crs.)	Detail Links	2019-20	2020-21	2021-22
A	Aggregate Revenue Requirement	Form 1	23513.95	15824.04	17768.00
B	Revenue from Current Tariffs (Net of incentives) (Rs. Crs.)	Form 5	15203.23	9114.98	10107.29
C	Non - Tariff Income (Rs. Crs.)	Form 6'	1014.49	748.41	800.80
D	Revenue from Trading	Form 1.4 b	0.00	0.00	0.00
E	Revenue Deficit(-) / Surplus(+) at Current Tariff		-7296.23	-5960.65	-6859.92
F	Revenue changed through proposed tariff				406.54
G	External subsidy available / contracted				
H	Any other means of adjustments				
i	Revenue from Cross Subsidy Surcharge		105.36	91.55	123.19
j	Revenue from Additional Surcharge				
K	Revenue from REC		453.59	325.70	304.30
	Net Deficit / Surplus		-6737.28	-5543.40	-6025.89

Revenue from Proposed Tariffs (Rs. Crs.)	2021-22						
	Retail Supply (Regulated Business)			Surcharges (Open Access)		Grid Support Charges	Total Revenue
	Gross Revenue	Incentives	Net Revenue	Surcharge	Additional surcharge		
LT Category	4218.26	0.00	4218.26	0.00	0.00	0.00	4218.26
Domestic	1958.18	0.00	1958.18	0.00	0.00	0.00	1958.18
Commerical & Others	906.17	0.00	906.17	0.00	0.00	0.00	906.17
Industry	458.79	0.00	458.79	0.00	0.00	0.00	458.79
Institutional	542.62	0.00	542.62	0.00	0.00	0.00	542.62
Agriculture & Related	352.51	0.00	352.51	0.00	0.00	0.00	352.51
Temporary							0.00
HT Category	6295.56	0.00	6295.56	0.00	0.00	0.00	6295.56
HT Cat-(A): Domestic	9.54	0.00	9.54	0.00	0.00	0.00	9.54
(B): Townships, Colonies, Gated Communities and Villas	9.54	0.00	9.54	0.00	0.00	0.00	9.54
11 kV	6.62	0.00	6.62	0.00	0.00	0.00	6.62
33 kV	2.92	0.00	2.92	0.00	0.00	0.00	2.92
132 kV & Above	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HT Cat-II : Commercial & Others	375.03	0.00	375.03	0.00	0.00	0.00	375.03
(ii) Major	273.95	0.00	273.95	0.00	0.00	0.00	273.95
11 kV	229.13	0.00	229.13	0.00	0.00	0.00	229.13
33 kV	17.17	0.00	17.17	0.00	0.00	0.00	17.17
132 kV & Above	27.65	0.00	27.65	0.00	0.00	0.00	27.65
Commercial, ToD	53.52	0.00	53.52	0.00	0.00	0.00	53.52
11 kV	44.05	0.00	44.05	0.00	0.00	0.00	44.05
33 kV	2.87	0.00	2.87	0.00	0.00	0.00	2.87
132 kV & Above	6.60	0.00	6.60	0.00	0.00	0.00	6.60
(iv) Function Halls/Auditoriums	3.46	0.00	3.46	0.00	0.00	0.00	3.46
11 kV	3.46	0.00	3.46	0.00	0.00	0.00	3.46
33 kV	0.00	0.00	0.00	0.00	0.00	0.00	0.00
132 kV & Above	0.00	0.00	0.00	0.00	0.00	0.00	0.00
(B): Start up power	43.22	0.00	43.22	0.00	0.00	0.00	43.22
11 kV	0.25	0.00	0.25	0.00	0.00	0.00	0.25
33 kV	35.63	0.00	35.63	0.00	0.00	0.00	35.63
132 kV & Above	7.34	0.00	7.34	0.00	0.00	0.00	7.34
(C): Electric Vehicles (Evs) / Charging stations	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11 kV	0.00	0.00	0.00	0.00	0.00	0.00	0.00
33 kV	0.00	0.00	0.00	0.00	0.00	0.00	0.00
132 kV & Above	0.00	0.00	0.00	0.00	0.00	0.00	0.00
(D): Green Power	0.89	0.00	0.89	0.00	0.00	0.00	0.89
11 kV	0.10	0.00	0.10	0.00	0.00	0.00	0.10
33 kV	0.79	0.00	0.79	0.00	0.00	0.00	0.79
132 kV & Above	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HT Cat-III : Industry	3374.93	0.00	3374.93	0.00	0.00	0.00	3374.93
(A): Industrial General	1618.46	0.00	1618.46	0.00	0.00	0.00	1618.46
11 kV	547.18	0.00	547.18	0.00	0.00	0.00	547.18
33 kV	602.80	0.00	602.80	0.00	0.00	0.00	602.80
132 kV & Above	468.48	0.00	468.48	0.00	0.00	0.00	468.48
Industry, ToD Peak (6 AM to 10 AM & 6 PM to 10 PM)	872.94	0.00	872.94	0.00	0.00	0.00	872.94
11 kV	263.69	0.00	263.69	0.00	0.00	0.00	263.69
33 kV	389.07	0.00	389.07	0.00	0.00	0.00	389.07
132 kV & Above	220.18	0.00	220.18	0.00	0.00	0.00	220.18
Industry, ToD Off Peak (10 PM to 6 AM)	751.85	0.00	751.85	0.00	0.00	0.00	751.85

Revenue from Proposed Tariffs (Rs. Crs.)	2021-22						Total Revenue
	Retail Supply (Regulated Business)			Surcharges (Open Access)		Grid Support Charges	
	Gross Revenue	Incentives	Net Revenue	Surcharge	Additional surcharge		
11 kV	180.28	0.00	180.28	0.00	0.00	0.00	180.28
33 kV	311.31	0.00	311.31	0.00	0.00	0.00	311.31
132 kV & Above	260.27	0.00	260.27	0.00	0.00	0.00	260.27
Industrial colonies	6.95	0.00	6.95	0.00	0.00	0.00	6.95
11 kV	0.68	0.00	0.68	0.00	0.00	0.00	0.68
33 kV	0.58	0.00	0.58	0.00	0.00	0.00	0.58
132 kV & Above	5.70	0.00	5.70	0.00	0.00	0.00	5.70
(B): Seasonal Industries	5.46	0.00	5.46	0.00	0.00	0.00	5.46
11 kV	5.46	0.00	5.46	0.00	0.00	0.00	5.46
33 kV	0.00	0.00	0.00	0.00	0.00	0.00	0.00
132 kV & Above	0.00	0.00	0.00	0.00	0.00	0.00	0.00
(C): Energy Intensive Industries	119.27	0.00	119.27	0.00	0.00	0.00	119.27
11 kV	1.52	0.00	1.52	0.00	0.00	0.00	1.52
33 kV	62.70	0.00	62.70	0.00	0.00	0.00	62.70
132 kV & Above	55.06	0.00	55.06	0.00	0.00	0.00	55.06
HT Cat-IV : Institutional	597.14	0.00	597.14	0.00	0.00	0.00	597.14
(A): Utilities							
Composite Protected Water Supply Schemes	109.49	0.00	109.49	0.00	0.00	0.00	109.49
11 kV	42.03	0.00	42.03	0.00	0.00	0.00	42.03
33 kV	67.46	0.00	67.46	0.00	0.00	0.00	67.46
132 kV & Above	0.00	0.00	0.00	0.00	0.00	0.00	0.00
(B): General Purpose	69.29	0.00	69.29	0.00	0.00	0.00	69.29
11 kV	65.06	0.00	65.06	0.00	0.00	0.00	65.06
33 kV	4.23	0.00	4.23	0.00	0.00	0.00	4.23
132 kV & Above	0.00	0.00	0.00	0.00	0.00	0.00	0.00
(C): Religious Places	22.01	0.00	22.01	0.00	0.00	0.00	22.01
11 kV	3.33	0.00	3.33	0.00	0.00	0.00	3.33
33 kV	18.68	0.00	18.68	0.00	0.00	0.00	18.68
132 kV & Above	0.00	0.00	0.00	0.00	0.00	0.00	0.00
(D) Railway Traction	396.36	0.00	396.36	0.00	0.00	0.00	396.36
HT Cat-V : Agricultural & Related	1567.44	0.00	1567.44	0.00	0.00	0.00	1567.44
(B): Aquaculture and Animal Husbandry	11.95	0.00	11.95	0.00	0.00	0.00	11.95
11 kV	11.95	0.00	11.95	0.00	0.00	0.00	11.95
33 kV	0.00	0.00	0.00	0.00	0.00	0.00	0.00
132 kV & Above	0.00	0.00	0.00	0.00	0.00	0.00	0.00
(C): Poultry & Aquaculture							0.00
(i) Poultry Hatcheries and Poultry Feed Mixing Plants	21.95	0.00	21.95	0.00	0.00	0.00	21.95
11 kV	16.74	0.00	16.74	0.00	0.00	0.00	16.74
33 kV	5.20	0.00	5.20	0.00	0.00	0.00	5.20
132 kV & Above	0.00	0.00	0.00	0.00	0.00	0.00	0.00
(ii) Aqua Hatcheries & Aqua Feed mixing plants	31.90	0.00	31.90	0.00	0.00	0.00	31.90
11 kV	14.91	0.00	14.91	0.00	0.00	0.00	14.91
33 kV	16.99	0.00	16.99	0.00	0.00	0.00	16.99
132 kV & Above	0.00	0.00	0.00	0.00	0.00	0.00	0.00
(E): Government / Private Lift Irrigation	1501.65	0.00	1501.65	0.00	0.00	0.00	1501.65
11 kV	18.64	0.00	18.64	0.00	0.00	0.00	18.64
33 kV	68.02	0.00	68.02	0.00	0.00	0.00	68.02
132 kV & Above	1414.98	0.00	1414.98	0.00	0.00	0.00	1414.98
RESCO	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Kuppam	371.47	0.00	371.47	0.00	0.00	0.00	371.47
TOTAL (LT + HT)	10513.82	0.00	10513.82	0.00	0.00	0.00	10513.82

Form 10 a
Incentives at current Tariffs
2021-22

Consumer Category	Data Link	Total		Remarks
		No. of consumers	Incentive Amount	
LT Category	Form-7	0	0	
Domestic				
Commerical & Others				
Industry				
Institutional				
Agriculture & Related				
Temporary				
HT Category		0.00	0.00	
HT Cat-(A): Domestic		0.00	0.00	
(B): Townships, Colonies, Gated Communities and Villas		0.00	0.00	
11 kV				
33 kV				
132 kV & Above				
HT Cat-II : Commercial & Others		0.00	0.00	
(ii) Major		0.00	0.00	
11 kV				
33 kV				
132 kV & Above				
Commercial, ToD		0.00	0.00	
11 kV				
33 kV				
132 kV & Above				
(iv) Function Halls/Auditoriums		0.00	0.00	
11 kV				
33 kV				
132 kV & Above				
(B): Start up power		0.00	0.00	
11 kV				
33 kV				
132 kV & Above				
(C): Electric Vehicles (Evs) / Charging stations		0.00	0.00	
11 kV				
33 kV				
132 kV & Above				
(D): Green Power		0.00	0.00	
11 kV				
33 kV				
132 kV & Above				
HT Cat-III : Industry		0	0.00	
(A): Industrial General		0	0.00	
11 kV				
33 kV				
132 kV & Above				
Industry, ToD Peak (6 AM to 10 AM & 6 PM to 10 PM)		0	0.00	
11 kV				
33 kV				
132 kV & Above				
Industry, ToD Off Peak (10 PM to 6 AM)		0	0.00	

Consumer Category	Data Link	Total		Remarks
		No. of consumers	Incentive Amount	
11 kV				
33 kV				
132 kV & Above				
Industrial colonies		0	0.00	
11 kV				
33 kV				
132 kV & Above				
(B): Seasonal Industries		0	0.00	
11 kV				
33 kV				
132 kV & Above				
(C): Energy Intensive Industries		0	0.00	
11 kV				
33 kV				
132 kV & Above				
HT Cat-IV : Institutional		0	0.00	
(A): Utilities				
Composite Protected Water Supply Schemes		0	0.00	
11 kV				
33 kV				
132 kV & Above				
(B): General Purpose		0	0.00	
11 kV				
33 kV				
132 kV & Above				
(C): Religious Places		0	0.00	
11 kV				
33 kV				
132 kV & Above				
(D) Railway Traction				
HT Cat-V : Agricultural & Related		0	0.00	
(B): Aquaculture and Animal Husbandry		0	0.00	
11 kV				
33 kV				
132 kV & Above				
(C): Poultry & Aquaculture				
(i) Poultry Hatcheries and Poultry Feed Mixing Plants		0	0.00	
11 kV				
33 kV				
132 kV & Above				
(ii): Aqua Hatcheries & Aqua Feed mixing plants		0	0.00	
11 kV				
33 kV				
132 kV & Above				
(E): Government / Private Lift Irrigation		0	0.00	
11 kV				
33 kV				
132 kV & Above				
RESCO				
Kuppam				
TOTAL (LT + HT)		0	0.00	

Form 11

Non-tariff Income at Proposed Charges

This form refers to the income other than the income derived from tariffs and does not include cross subsidy surcharge, additional surcharge, etc.

Items of Non - Tariff Income (Rs. Crs.)	Detail Links	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24
Rebate on Power Purchase		96.60	19.49	12.73	13.62		
Cap S/c		82.86	101.07	71.23	76.22		
Gain/loss (Billing)		-0.11	-0.16	-0.11	-0.12		
HT EPSS		0.00	0.00	0.00	0.00		
IED		6.12	6.99	5.18	5.54		
Int on Bank Deposits		0.67	0.22	0.14	0.15		
LPF		2.94	5.61	4.66	4.98		
LVSe		8.67	15.00	10.45	11.18		
Malpractice		6.40	4.71	2.16	2.31		
Prior Period HT		-27.99	-39.44	-40.63	-43.47		
Prior Period LT		-8.70	-29.26	-26.03	-27.85		
Reactive Income		1.14	2.35	1.54	1.65		
Receipt of Direct Ta		2.57	1.72	1.42	1.52		
Recoveries for TP		0.00	0.00	0.00	0.00		
Theft		16.59	9.36	5.82	6.23		
Reconnection fee		56.29	59.64	29.61	31.68		
Delayed payment surcharge		654.46	857.19	670.24	717.15		
Total Non tariff income		898.52	1014.49	748.41	800.80		

Proposed Tariffs & Revenue for FY 2021-22

Consumer Categories	No of consumers	Components of tariff			Relevant sales related data				Full year revenue excluding external subsidy					
		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)
LT Total - (Existing Categories)	7140847				16122.84	0.00	7785.85	7100241.38	3587.02	303.43	13.62	314.19	0.00	4218.26
LT Cat-I (A): Domestic (Telescopic)	5308259				5184.08	0.00	4909.41	0.00	1670.05	79.53	0.00	208.60	0.00	1958.18
Group A: Consumption <= 75 Units during the billing month	3361391				1156.11	0.00	2210.37	0.00	176.12	35.81	0.00	106.42	0.00	318.35
0-50	2431559	1.45	120.00	0.00	1082.32	0.00	1532.21	0.00	156.94	24.82	0.00	72.95	0.00	254.71
51-75	929832	2.60	120.00	0.00	73.79	0.00	678.16	0.00	19.18	10.99	0.00	33.47	0.00	63.65
Group B: Consumption < 225 and >75 units during the billing month	1822260				2861.83	0.00	2238.50	0.00	808.48	36.26	0.00	94.44	0.00	939.19
0-100	724551	2.60	120.00	0.00	2256.70	0.00	673.27	0.00	586.74	10.91	0.00	34.78	0.00	632.43
101-200	1032872	3.60	120.00	0.00	593.33	0.00	1410.58	0.00	213.60	22.85	0.00	55.78	0.00	292.23
201-225	64837	6.90	120.00	0.00	11.80	0.00	154.65	0.00	8.14	2.51	0.00	3.89	0.00	14.54
Group C: Consumption >225 units during the billing month	124608				1166.14	0.00	460.53	0.00	685.44	7.46	0.00	7.74	0.00	700.64
0-50	0	2.65	120.00	0.00	162.92	0.00	0.00	0.00	43.17	0.00	0.00	0.00	0.00	43.17
51-100	0	3.35	120.00	0.00	162.92	0.00	0.00	0.00	54.58	0.00	0.00	0.00	0.00	54.58
101-200	0	5.40	120.00	0.00	325.84	0.00	0.00	0.00	175.95	0.00	0.00	0.00	0.00	175.95
201-300	80696	7.10	120.00	0.00	249.35	0.00	224.25	0.00	177.04	3.63	0.00	4.84	0.00	185.51
301-400	27717	7.95	120.00	0.00	107.56	0.00	112.18	0.00	85.51	1.82	0.00	1.83	0.00	89.16
401-500	8235	8.50	120.00	0.00	52.20	0.00	57.01	0.00	44.37	0.92	0.00	0.54	0.00	45.84
Above 500 units	7960	9.95	120.00	0.00	105.34	0.00	67.10	0.00	104.81	1.09	0.00	0.53	0.00	106.42
LT Cat-II : Commercial & Others	513692				847.59	0.00	1307.43	0.00	767.95	103.92	12.21	22.09	0.00	906.17
(A): Commercial	509770				834.52	0.00	1255.13	0.00	752.01	103.45	12.21	21.85	0.00	889.52
(i) Minor 0-50 units	284431	5.40	660.00	0.00	48.16	0.00	396.46	0.00	26.01	26.17	12.21	10.24	0.00	74.62
(ii) Major	225339				786.36	0.00	858.67	0.00	726.01	77.28	0.00	11.61	0.00	814.90
0-50	0	6.90	900.00	0.00	101.74	0.00	0.00	0.00	70.20	0.00	0.00	0.00	0.00	70.20
51-100	92409	7.65	900.00	0.00	76.91	0.00	145.94	0.00	58.84	13.13	0.00	4.44	0.00	76.41
101-300	82653	9.05	900.00	0.00	143.24	0.00	198.18	0.00	129.63	17.84	0.00	4.46	0.00	151.93
301-500	17916	9.60	900.00	0.00	74.58	0.00	82.04	0.00	71.60	7.38	0.00	0.97	0.00	79.95
Above 500	32361	10.15	900.00	0.00	389.89	0.00	432.50	0.00	395.74	38.93	0.00	1.75	0.00	436.41
(iii) Advertising Hoardings	1427	12.25	1200.00	0.00	1.63	0.00	3.95	0.00	1.99	0.47	0.00	0.09	0.00	2.55
(iv) Function Halls/Auditoriums	2484	12.25	0.00	0.00	11.31	0.00	48.30	0.00	13.86	0.00	0.00	0.15	0.00	14.01
(B): Start up power	0	12.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
(C) : Electric Vehicles (Evs) / Charging stations	11	6.70	0.00	0.00	0.13	0.00	0.04	0.00	0.09	0.00	0.00	0.00	0.00	0.09
LT Cat-III : Industry	46336				564.14	0.00	683.73	0.00	364.50	58.21	0.00	36.07	0.00	458.79
(A): Industry(General)	29757	6.70	900.00	0.00	498.92	0.00	619.68	0.00	334.27	55.77	0.00	33.49	0.00	423.54
Poultry Hatcheries and Poultry Feed Mixing Plants	9	6.70	900.00	0.00	0.04	0.00	0.09	0.00	0.02	0.01	0.00	0.01	0.00	0.04
Aqua Hatcheries and Aqua feed mixing plants	1247	6.70	900.00	0.00	19.20	0.00	13.45	0.00	12.87	1.21	0.00	1.40	0.00	15.48
(B): Seasonal Industries (off season)	24	7.45	900.00	0.00	0.26	0.00	0.26	0.00	0.20	0.02	0.00	0.01	0.00	0.23
(D): Cottage Industries upto 10HP	15278	3.75	240.00	0.00	45.72	0.00	50.05	0.00	17.14	1.20	0.00	1.16	0.00	19.50
Dhobigats	21	0.00	0.00	0.00	0.01	0.00	0.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LT Cat-IV : Institutional	160913				700.60	0.00	506.03	0.00	488.77	45.03	1.41	7.40	0.00	542.62
(A): Utilities	98729				583.26	0.00	356.41	0.00	408.28	32.08	0.00	4.15	0.00	444.51
Panchayats	79954	7.00	900.00	0.00	483.00	0.00	291.53	0.00	338.10	26.24	0.00	3.36	0.00	367.70
NTR Sujala Pathakam	892	7.00	900.00	0.00	4.21	0.00	3.15	0.00	2.95	0.28	0.00	0.04	0.00	3.27
Urban Local Bodies	17883	7.00	900.00	0.00	96.05	0.00	61.72	0.00	67.23	5.56	0.00	0.75	0.00	73.54
(B): General Purpose	56623	7.00	900.00	0.00	109.49	0.00	140.22	0.00	76.64	12.62	1.41	3.06	0.00	93.73
(C): Religious Places	5561				7.85	0.00	9.40	0.00	3.84	0.34	0.00	0.20	0.00	4.38
(i) <= 2kW	5040	4.80	360.00	0.00	4.25	0.00	5.34	0.00	2.04	0.19	0.00	0.18	0.00	2.41
(ii) > 2kW	521	5.00	360.00	0.00	3.60	0.00	4.07	0.00	1.80	0.15	0.00	0.02	0.00	1.97

Consumer Categories	No of consumers	Components of tariff			Relevant sales related data				Full year revenue excluding external subsidy					
		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)
LT Cat-V : Agricultural & Related	1111647				8826.43	0.00	379.26	7100241.38	295.76	16.73	0.00	40.02	0.00	352.51
(A): Agriculture	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
(i) Corporate Farmers & IT Assesses	2057	0.00	0.00	2400.00	4.20	0.00	0.00	13173.65	0.00	3.16	0.00	0.07	0.00	3.24
(ii) Non-Corporate Farmers	1090895	0.00	0.00	0.00	8053.37	0.00	0.00	7084736.05	0.00	0.00	0.00	39.27	0.00	39.27
(iii) Salt farming units with Connected Load upto 15HP	354	2.50	0.00	0.00	0.61	0.00	0.00	1423.61	0.15	0.00	0.00	0.01	0.00	0.17
(iv) Sugarcane crushing	18	0.00	0.00	0.00	0.01	0.00	0.00	246.46	0.00	0.00	0.00	0.00	0.00	0.00
(v) Rural Horticulture Nurseries	95	0.00	0.00	0.00	0.52	0.00	0.00	661.61	0.00	0.00	0.00	0.00	0.00	0.00
(vi) Floriculture in Green House	0	4.50	0.00	900.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
(B): Aquaculture and Animal Husbandry	17971	3.85	360.00	0.00	767.47	0.00	376.78	0.00	295.48	13.56	0.00	0.65	0.00	309.69
(D): Agro Based Cottage Industries upto 10HP	57	3.75	240.00	0.00	0.14	0.00	0.26	0.00	0.05	0.01	0.00	0.00	0.00	0.06
(E): Government/Private Lift Irrigation Schemes	200	7.06	0.00	0.00	0.10	0.00	2.22	0.00	0.07	0.00	0.00	0.01	0.00	0.08
Temporary	0	10.50	360.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HT Category	3994				8149.38	0.00	3312.12	0.00	5143.61	1143.75	0.00	8.20	0.00	6295.56
HT Cat-(A): Domestic	184				12.42	0.00	20.40	0.00	7.39	1.84	0.00	0.32	0.00	9.54
(B): Townships, Colonies, Gated Communities and Villas	184				12.42	0.00	20.40	0.00	7.39	1.84	0.00	0.32	0.00	9.54
11 kV	179	5.95	900.00	0.00	7.77	0.00	18.84	0.00	4.62	1.70	0.00	0.30	0.00	6.62
33 kV	5	5.95	900.00	0.00	4.65	0.00	1.56	0.00	2.77	0.14	0.00	0.02	0.00	2.92
132 kV & Above	0	5.95	900.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HT Cat-II : Commercial & Others	1285				325.71	0.00	251.32	0.00	268.04	104.10	0.00	2.90	0.00	375.03
(ii) Major	797				225.00	0.00	182.63	0.00	168.45	104.10	0.00	1.40	0.00	273.95
11 kV	765	7.65	5700.00	0.00	182.90	0.00	154.26	0.00	139.92	87.93	0.00	1.29	0.00	229.13
33 kV	31	6.95	5700.00	0.00	13.01	0.00	14.07	0.00	9.04	8.02	0.00	0.10	0.00	17.17
132 kV & Above	1	6.70	5700.00	0.00	29.10	0.00	14.30	0.00	19.50	8.15	0.00	0.00	0.00	27.65
Commercial, ToD	0				63.10	0.00	0.00	0.00	53.52	0.00	0.00	0.00	0.00	53.52
11 kV	0	8.65	0.00	0.00	50.93	0.00	0.00	0.00	44.05	0.00	0.00	0.00	0.00	44.05
33 kV	0	7.95	0.00	0.00	3.61	0.00	0.00	0.00	2.87	0.00	0.00	0.00	0.00	2.87
132 kV & Above	0	7.70	0.00	0.00	8.57	0.00	0.00	0.00	6.60	0.00	0.00	0.00	0.00	6.60
(iv) Function Halls/Auditoriums	77				2.72	0.00	14.35	0.00	3.33	0.00	0.00	0.13	0.00	3.46
11 kV	77	12.25	0.00	0.00	2.72	0.00	14.35	0.00	3.33	0.00	0.00	0.13	0.00	3.46
33 kV	0	12.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
132 kV & Above	0	12.25	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): Start up power	401				34.19	0.00	53.34	0.00	41.88	0.00	0.00	1.34	0.00	43.22
11 kV	8	12.25	0.00	0.00	0.19	0.00	0.58	0.00	0.24	0.00	0.00	0.01	0.00	0.25
33 kV	367	12.25	0.00	0.00	28.07	0.00	48.60	0.00	34.39	0.00	0.00	1.24	0.00	35.63
132 kV & Above	26	12.25	0.00	0.00	5.92	0.00	4.16	0.00	7.25	0.00	0.00	0.09	0.00	7.34
(C): Electric Vehicles (Evs) / Charging stations	0				0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11 kV	0	6.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
33 kV	0	6.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
132 kV & Above	0	6.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
(D): Green Power	10				0.70	0.00	1.00	0.00	0.86	0.00	0.00	0.03	0.00	0.89
11 kV	2	12.25	0.00	0.00	0.08	0.00	0.44	0.00	0.10	0.00	0.00	0.00	0.00	0.10
33 kV	8	12.25	0.00	0.00	0.62	0.00	0.56	0.00	0.76	0.00	0.00	0.03	0.00	0.79
132 kV & Above	0	12.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HT Cat-III : Industry	1966				4471.13	0.00	1554.84	0.00	2571.21	853.78	0.00	3.78	0.00	3428.77
(A): Industrial General	1871				1314.42	0.00	1469.00	0.00	777.54	837.33	0.00	3.59	0.00	1618.46
11 kV	1614	6.30	5700.00	0.00	481.98	0.00	422.47	0.00	303.65	240.81	0.00	2.72	0.00	547.18
33 kV	218	5.85	5700.00	0.00	541.64	0.00	500.35	0.00	316.86	285.20	0.00	0.74	0.00	602.80
132 kV & Above	39	5.40	5700.00	0.00	290.79	0.00	546.18	0.00	157.03	311.32	0.00	0.13	0.00	468.48
Industry, ToD Peak ((6 AM to 10 AM & 6 PM to 10 PM)	0				1273.23	0.00	0.00	0.00	872.94	0.00	0.00	0.00	0.00	872.94
11 kV	0	7.30	0.00	0.00	361.22	0.00	0.00	0.00	263.69	0.00	0.00	0.00	0.00	263.69
33 kV	0	6.85	0.00	0.00	567.99	0.00	0.00	0.00	389.07	0.00	0.00	0.00	0.00	389.07
132 kV & Above	0	6.40	0.00	0.00	344.03	0.00	0.00	0.00	220.18	0.00	0.00	0.00	0.00	220.18
Industry, ToD Off Peak (10 PM to 6 AM)	0				1573.54	0.00	0.00	0.00	751.85	0.00	0.00	0.00	0.00	751.85
11 kV	0	5.30	0.00	0.00	340.15	0.00	0.00	0.00	180.28	0.00	0.00	0.00	0.00	180.28
33 kV	0	4.85	0.00	0.00	641.88	0.00	0.00	0.00	311.31	0.00	0.00	0.00	0.00	311.31
132 kV & Above	0	4.40	0.00	0.00	591.51	0.00	0.00	0.00	260.27	0.00	0.00	0.00	0.00	260.27

Consumer Categories	No of consumers	Components of tariff			Relevant sales related data				Full year revenue excluding external subsidy					
		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)
Industrial colonies	0				9.93	0.00	0.00	0.00	6.95	0.00	0.00	0.00	0.00	6.95
11 kV	0	7.00	0.00	0.00	0.97	0.00	0.00	0.00	0.68	0.00	0.00	0.00	0.00	0.68
33 kV	0	7.00	0.00	0.00	0.83	0.00	0.00	0.00	0.58	0.00	0.00	0.00	0.00	0.58
132 kV & Above	0	7.00	0.00	0.00	8.14	0.00	0.00	0.00	5.70	0.00	0.00	0.00	0.00	5.70
(C):Poultry & Aqualture	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
(i) Poultry Hatcheries and Poultry Feed Mixing Plants	21				27.72	0.00	8.31	0.00	17.17	4.74	0.00	0.04	0.00	21.95
11 kV	19	6.30	5700.00	0.00	21.21	0.00	5.87	0.00	13.36	3.35	0.00	0.03	0.00	16.74
33 kV	2	5.85	5700.00	0.00	6.51	0.00	2.44	0.00	3.81	1.39	0.00	0.01	0.00	5.20
132 kV & Above	0	5.40	5700.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
(ii): Aqua Hatcheries & Aqua Feed mixing plants	31				38.12	0.00	15.41	0.00	23.05	8.79	0.00	0.06	0.00	31.90
11 kV	26	6.30	5700.00	0.00	16.80	0.00	7.51	0.00	10.58	4.28	0.00	0.04	0.00	14.91
33 kV	5	5.85	5700.00	0.00	21.32	0.00	7.91	0.00	12.47	4.51	0.00	0.02	0.00	16.99
132 kV & Above	0	5.40	5700.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
(B): Seasonal Industries	28				3.24	0.00	9.64	0.00	2.48	2.93	0.00	0.05	0.00	5.46
11 kV	28	7.65	3040.00	0.00	3.24	0.00	9.64	0.00	2.48	2.93	0.00	0.05	0.00	5.46
33 kV	0	6.95	3040.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
132 kV & Above	0	6.70	3040.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
(C): Energy Intensive Industries	15				230.94	0.00	52.47	0.00	119.22	0.00	0.00	0.05	0.00	119.27
11 kV	3	5.80	0.00	0.00	2.60	0.00	0.82	0.00	1.51	0.00	0.00	0.01	0.00	1.52
33 kV	8	5.35	0.00	0.00	117.14	0.00	19.46	0.00	62.67	0.00	0.00	0.03	0.00	62.70
132 kV & Above	4	4.95	0.00	0.00	111.20	0.00	32.20	0.00	55.04	0.00	0.00	0.01	0.00	55.06
HT Cat-IV : Institutional	310				691.38	0.00	426.25	0.00	412.93	183.57	0.00	0.64	0.00	597.14
(A): Utilities														
Composite Protected Water Supply Schemes	109				119.37	0.00	40.98	0.00	85.90	23.36	0.00	0.22	0.00	109.49
11 kV	86	7.65	5700.00	0.00	41.99	0.00	17.13	0.00	32.12	9.76	0.00	0.15	0.00	42.03
33 kV	23	6.95	5700.00	0.00	77.38	0.00	23.85	0.00	53.78	13.60	0.00	0.08	0.00	67.46
132 kV & Above	0	6.70	5700.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
(B): General Purpose	143				60.51	0.00	37.19	0.00	47.84	21.20	0.00	0.25	0.00	69.29
11 kV	138	7.95	5700.00	0.00	56.70	0.00	34.66	0.00	45.07	19.76	0.00	0.23	0.00	65.06
33 kV	5	7.25	5700.00	0.00	3.82	0.00	2.53	0.00	2.77	1.44	0.00	0.02	0.00	4.23
132 kV & Above	0	7.00	5700.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
(C): Religious Places	21				42.60	0.00	18.70	0.00	21.30	0.67	0.00	0.04	0.00	22.01
11 kV	19	5.00	360.00	0.00	6.25	0.00	4.70	0.00	3.13	0.17	0.00	0.03	0.00	3.33
33 kV	2	5.00	360.00	0.00	36.34	0.00	14.00	0.00	18.17	0.50	0.00	0.01	0.00	18.68
132 kV & Above	0	5.00	360.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
(D) Railway Traction	37	5.50	4200.00	0.00	468.90	0.00	329.38	0.00	257.89	138.34	0.00	0.12	0.00	396.36
HT Cat-V : Agricultural & Related	248				2129.20	0.00	1059.31	0.00	1512.57	0.46	0.00	0.56	0.00	1513.59
(B): Aquaculture and Animal Husbandry	26				29.72	0.00	12.84	0.00	11.44	0.46	0.00	0.04	0.00	11.95
11 kV	26	3.85	360.00	0.00	29.72	0.00	12.84	0.00	11.44	0.46	0.00	0.04	0.00	11.95
33 kV	0	3.85	360.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
132 kV & Above	0	3.85	360.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
(E): Government / Private Lift Irrigation	222				2099.48	0.00	1046.47	0.00	1501.13	0.00	0.00	0.51	0.00	1501.65
11 kV	139	7.15	0.00	0.00	25.75	0.00	36.92	0.00	18.41	0.00	0.00	0.23	0.00	18.64
33 kV	52	7.15	0.00	0.00	94.89	0.00	128.45	0.00	67.85	0.00	0.00	0.18	0.00	68.02
132 kV & Above	31	7.15	0.00	0.00	1978.85	0.00	881.11	0.00	1414.88	0.00	0.00	0.10	0.00	1414.98
RESCO									0.00	0.00				0.00
Kuppam	1	7.15	0.00	0.00	519.54	0.00	0.00	0.00	371.47	0.00	0.00	0.00	0.00	371.47
TOTAL(LT + HT)	7144841				24272.22	0.00	11097.97	7100241.38	8730.63	1447.18	13.62	322.39	0.00	10513.82

Proposed Tariffs & Revenue for FY 2021-22

Consumer Categories	Incentives (Rs. Crs)	Net Revenue from Tariff (Rs. Crores)	Surcharges		Grid Support Charges (Rs. Crs)	Non - tariff Income		Total Revenue (Net of incentives) (Rs.Crs)
			Surcharge (Rs.Crs)	Additional Surcharge (Rs.Crs)		Direct	Apportioned	
LT Total - (Existing Categories)	0.00	4218.26	0.00	0.00	0.00	0.00	398.43	4616.69
LT Cat-I (A): Domestic (Telescopic)	0.00	1958.18	0.00	0.00	0.00	0.00	255.96	2214.15
Group A: Consumption <= 75 Units during the billing month	0.00	318.35	0.00	0.00	0.00	0.00	57.08	375.43
0-50	0.00	254.71					53.44	308.14
51-75	0.00	63.65					3.64	67.29
Group B: Consumption < 225 and >75 units during the billing month	0.00	939.19	0.00	0.00	0.00	0.00	141.30	1080.49
0-100	0.00	632.43					111.42	743.85
101-200	0.00	292.23					29.30	321.52
201-225	0.00	14.54					0.58	15.12
Group C: Consumption >225 units during the billing month	0.00	700.64	0.00	0.00	0.00	0.00	57.58	758.22
0-50	0.00	43.17					8.04	51.22
51-100	0.00	54.58					8.04	62.62
101-200	0.00	175.95					16.09	192.04
201-300	0.00	185.51					12.31	197.82
301-400	0.00	89.16					5.31	94.47
401-500	0.00	45.84					2.58	48.42
Above 500 units	0.00	106.42					5.20	111.63
LT Cat-II : Commercial & Others	0.00	906.17	0.00	0.00	0.00	0.00	41.85	948.02
(A): Commercial	0.00	889.52	0.00	0.00	0.00	0.00	41.20	930.72
(i) Minor 0-50 units	0.00	74.62					2.38	77.00
(ii) Major	0.00	814.90	0.00	0.00	0.00	0.00	38.83	853.73
0-50	0.00	70.20					5.02	75.22
51-100	0.00	76.41					3.80	80.21
101-300	0.00	151.93					7.07	159.00
301-500	0.00	79.95					3.68	83.63
Above 500	0.00	436.41					19.25	455.67
(iii) Advertising Hoardings	0.00	2.55					0.08	2.63
(iv) Function Halls/Auditoriums	0.00	14.01					0.56	14.57
(B): Start up power	0.00	0.00					0.00	0.00
(C) : Electric Vehicles (Evs) / Charging stations	0.00	0.09					0.01	0.10
LT Cat-III : Industry	0.00	458.79	0.00	0.00	0.00	0.00	27.85	486.64
(A): Industry(General)	0.00	423.54					24.63	448.17
Poultry Hatcheries and Poultry Feed Mixing Plants	0.00	0.04					0.00	0.04
Aqua Hatcheries and Aqua feed mixing plants	0.00	15.48					0.95	16.43
(B): Seasonal Industries (off season)	0.00	0.23					0.01	0.24
(D): Cottage Industries upto 10HP	0.00	19.50					2.26	21.76
Dhobigats	0.00	0.00					0.00	0.00
LT Cat-IV : Institutional	0.00	542.62	0.00	0.00	0.00	0.00	34.59	577.21
(A): Utilities	0.00	444.51	0.00	0.00	0.00	0.00	28.80	473.31
Panchayats	0.00	367.70					23.85	391.55
NTR Sujala Pathakam	0.00	3.27					0.21	3.48
Urban Local Bodies	0.00	73.54					4.74	78.28
(B): General Purpose	0.00	93.73					5.41	99.14
(C): Religious Places	0.00	4.38	0.00	0.00	0.00	0.00	0.39	4.76
(i) <= 2kW	0.00	2.41					0.21	2.62
(ii) > 2kW	0.00	1.97					0.18	2.14

Consumer Categories	Incentives (Rs. Crs)	Net Revenue from Tariff (Rs. Crores)	Surcharges		Grid Support Charges (Rs. Crs)	Non - tariff Income		Total Revenue (Net of incentives) (Rs.Crs)
			Surcharge (Rs.Crs)	Additional Surcharge (Rs.Crs)		Direct	Apportioned	
LT Cat-V : Agricultural & Related	0.00	352.51	0.00	0.00	0.00	0.00	38.16	390.67
(A): Agriculture	0.00	0.00					0.00	0.00
(i) Corporate Farmers & IT Assesses	0.00	3.24					0.21	3.44
(ii) Non-Corporate Farmers	0.00	39.27					0.00	39.27
(iii) Salt farming units with Connected Load upto 15HP	0.00	0.17					0.03	0.20
(iv) Sugarcane crushing	0.00	0.00					0.00	0.00
(v) Rural Horticulture Nurseries	0.00	0.00					0.03	0.03
(vi) Floriculture in Green House	0.00	0.00					0.00	0.00
(B): Aquaculture and Animal Husbandry	0.00	309.69					37.89	347.58
(D): Agro Based Cottage Industries upto 10HP	0.00	0.06					0.01	0.07
(E): Government/Private Lift Irrigation Schemes	0.00	0.08					0.00	0.08
Temporary	0.00	0.00					0.00	0.00
HT Category	0.00	6295.56	0.00	0.00	0.00	0.00	402.38	6697.94
HT Cat-(A): Domestic	0.00	9.54	0.00	0.00	0.00	0.00	0.61	10.16
(B): Townships, Colonies, Gated Communities and Villas	0.00	9.54	0.00	0.00	0.00	0.00	0.61	10.16
11 kV	0.00	6.62					0.38	7.00
33 kV	0.00	2.92					0.23	3.15
132 kV & Above	0.00	0.00					0.00	0.00
HT Cat-II : Commercial & Others	0.00	375.03	0.00	0.00	0.00	0.00	16.08	391.12
(ii) Major	0.00	273.95	0.00	0.00	0.00	0.00	11.11	285.06
11 kV	0.00	229.13					9.03	238.16
33 kV	0.00	17.17					0.64	17.81
132 kV & Above	0.00	27.65					1.44	29.09
Commercial, ToD	0.00	53.52	0.00	0.00	0.00	0.00	3.12	56.63
11 kV	0.00	44.05					2.51	46.57
33 kV	0.00	2.87					0.18	3.05
132 kV & Above	0.00	6.60					0.42	7.02
(iv) Function Halls/Auditoriums	0.00	3.46	0.00	0.00	0.00	0.00	0.13	3.60
11 kV	0.00	3.46					0.13	3.60
33 kV	0.00	0.00					0.00	0.00
132 kV & Above	0.00	0.00					0.00	0.00
(B): Start up power	0.00	43.22	0.00	0.00	0.00	0.00	1.69	44.91
11 kV	0.00	0.25					0.01	0.26
33 kV	0.00	35.63					1.39	37.01
132 kV & Above	0.00	7.34					0.29	7.63
(C): Electric Vehicles (Evs) / Charging stations	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11 kV	0.00	0.00					0.00	0.00
33 kV	0.00	0.00					0.00	0.00
132 kV & Above	0.00	0.00					0.00	0.00
(D): Green Power	0.00	0.89	0.00	0.00	0.00	0.00	0.03	0.92
11 kV	0.00	0.10					0.00	0.10
33 kV	0.00	0.79					0.03	0.82
132 kV & Above	0.00	0.00					0.00	0.00
HT Cat-III : Industry	0.00	3428.77	0.00	0.00	0.00	0.00	220.76	3649.54
(A): Industrial General	0.00	1618.46	0.00	0.00	0.00	0.00	64.90	1683.36
11 kV	0.00	547.18					23.80	570.98
33 kV	0.00	602.80					26.74	629.54
132 kV & Above	0.00	468.48					14.36	482.84
Industry, ToD Peak (6 AM to 10 AM & 6 PM to 10 PM)	0.00	872.94	0.00	0.00	0.00	0.00	62.87	935.80
11 kV	0.00	263.69					17.84	281.52
33 kV	0.00	389.07					28.04	417.12
132 kV & Above	0.00	220.18					16.99	237.16
Industry, ToD Off Peak (10 PM to 6 AM)	0.00	751.85	0.00	0.00	0.00	0.00	77.69	829.55
11 kV	0.00	180.28					16.79	197.07
33 kV	0.00	311.31					31.69	343.00
132 kV & Above	0.00	260.27					29.21	289.47

Consumer Categories	Incentives (Rs. Crs)	Net Revenue from Tariff (Rs. Crores)	Surcharges		Grid Support Charges (Rs. Crs)	Non - tariff Income		Total Revenue (Net of incentives) (Rs.Crs)
			Surcharge (Rs.Crs)	Additional Surcharge (Rs.Crs)		Direct	Apportioned	
Industrial colonies	0.00	6.95	0.00	0.00	0.00	0.00	0.49	7.44
11 kV	0.00	0.68					0.05	0.73
33 kV	0.00	0.58					0.04	0.62
132 kV & Above	0.00	5.70					0.40	6.10
(C):Poultry & Aqualture								
(i) Poultry Hatcheries and Poultry Feed Mixing Plants	0.00	21.95	0.00	0.00	0.00	0.00	1.37	23.32
11 kV	0.00	16.74					1.05	17.79
33 kV	0.00	5.20					0.32	5.53
132 kV & Above	0.00	0.00					0.00	0.00
(ii): Aqua Hatcheries & Aqua Feed mixing plants	0.00	31.90	0.00	0.00	0.00	0.00	1.88	33.78
11 kV	0.00	14.91					0.83	15.74
33 kV	0.00	16.99					1.05	18.05
132 kV & Above	0.00	0.00					0.00	0.00
(B): Seasonal Industries	0.00	5.46	0.00	0.00	0.00	0.00	0.16	5.62
11 kV	0.00	5.46					0.16	5.62
33 kV	0.00	0.00					0.00	0.00
132 kV & Above	0.00	0.00					0.00	0.00
(C): Energy Intensive Industries	0.00	119.27	0.00	0.00	0.00	0.00	11.40	130.67
11 kV	0.00	1.52					0.13	1.64
33 kV	0.00	62.70					5.78	68.48
132 kV & Above	0.00	55.06					5.49	60.55
HT Cat-IV : Institutional	0.00	597.14	0.00	0.00	0.00	0.00	34.14	631.28
(A): Utilities								
Composite Protected Water Supply Schemes	0.00	109.49	0.00	0.00	0.00	0.00	5.89	115.38
11 kV	0.00	42.03					2.07	44.11
33 kV	0.00	67.46					3.82	71.28
132 kV & Above	0.00	0.00					0.00	0.00
(B): General Purpose	0.00	69.29	0.00	0.00	0.00	0.00	2.99	72.28
11 kV	0.00	65.06					2.80	67.86
33 kV	0.00	4.23					0.19	4.41
132 kV & Above	0.00	0.00					0.00	0.00
(C): Religious Places	0.00	22.01	0.00	0.00	0.00	0.00	2.10	24.11
11 kV	0.00	3.33					0.31	3.64
33 kV	0.00	18.68					1.79	20.48
132 kV & Above	0.00	0.00					0.00	0.00
(D) Railway Traction	0.00	396.36					23.15	419.51
HT Cat-V : Agricultural & Related	0.00	1513.59	0.00	0.00	0.00	0.00	105.13	1618.72
(B): Aquaculture and Animal Husbandry	0.00	11.95	0.00	0.00	0.00	0.00	1.47	13.42
11 kV	0.00	11.95					1.47	13.42
33 kV	0.00	0.00					0.00	0.00
132 kV & Above	0.00	0.00					0.00	0.00
(E): Government / Private Lift Irrigation	0.00	1501.65	0.00	0.00	0.00	0.00	103.66	1605.31
11 kV	0.00	18.64					1.27	19.91
33 kV	0.00	68.02					4.69	72.71
132 kV & Above	0.00	1414.98					97.71	1512.69
RESCO		0.00						0.00
Kuppam	0.00	371.47					25.65	397.12
TOTAL(LT + HT)	0.00	10513.82	0.00	0.00	0.00	0.00	800.80	11314.63

Form 13
2021-22

CoSt and Revenue

Amount in Rs crores

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
LT Category		12144.61	4176.75	-7967.86	0.00	-7967.86	
HT Category at 11 KV		1546.30	1472.14	-74.16	0.00	-74.16	
HT Category at 33 KV		1499.34	1598.85	99.51	0.00	99.51	
HT Category at 132 KV		2577.76	2859.55	281.79	0.00	281.79	
Total		17768.00	10107.29	-7660.72	0.00	-7660.72	