

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 2020-21**

2nd December 2019

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

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

FILING NO. _____/2019

CASE NO. _____/2019

In the matter of:

Filing of the ARR application in respect of Retail Supply Business and proposed Tariffs for the FY 2020-21 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, Bathula Lalitha, D/o of Late Sri Bathula Raja Rao, aged about 51 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 Chief General Manager / RAC of APSPDCL, the Licensee that has, vide the Honourable Commission’s approval in proceedings no. APERC/Secy/Engg/No.6 dt.31.3.2000, been granted the distribution and retail supply functions that APTransco was authorised to conduct or carry out under the Act and the license, with respect to the business of distribution and retail supply of electricity in the Southern distribution zone in Andhra Pradesh. 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 2020-21 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 2020-21 and provisional true-up for FY 2019-20 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.

VERIFICATION:

I, the above named Deponent solemnly affirm at ...Tirupati... on this 2nd day of December, 2019 that the contents of the above affidavit are true to my knowledge, no part of it is false and nothing material has been concealed there from.


DEPONENT
CHIEF GENERAL MANAGER
RAC
APSPDCL :: TIRUPATI

Solemnly affirmed and signed before me.


DEPONENT
CHIEF GENERAL MANAGER
RAC
APSPDCL :: TIRUPATI


COMPANY SECRETARY
APSPDCL :: TIRUPATI.

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

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

FILING NO. _____/2019

CASE NO. _____/2019

In the matter of:

Filing of the ARR application in respect of Retail Supply Business and proposed Tariffs for the FY 2020-21 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 2020-21.
- 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 2020-21 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 2020-21 is Rs. 4178.00 Cr.
 - **Transmission Cost:** The licensee has estimated the transmission cost for FY 2020-21 which is the second 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.1304.58 Cr for the FY 2020-21.
 - **SLDC Cost:** The licensee has estimated the SLDC cost for FY 2020-21 which is the second 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.21.56 Cr for the FY 20-21.

- **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 2020-21 is Rs. 1166.31 Cr. and Rs.2.94 Cr. respectively.
- **Distribution losses:** The licensee has considered losses for H2 FY 2019-20 as per APERC approved values and projected for FY 2020-21. The following table provides the voltage level losses considered by the APSPDCL for projecting the energy requirement for H2 FY 2019-20 and FY 2020-21:

Voltage Level	FY 2019-20 (H2)	FY 2020-21
33 KV	3.27%	3.25%
11 KV	3.32%	3.30%
LT	4.31%	4.28%

- **Transmission losses:** The Licensee has considered the actual losses for H1 FY 19-20 and approved losses of 3.17% in the Tariff Order FY 2019-20 for H2FY 2019-20 and FY 2020-21.
- **PGCIL Losses:** The Licensee has considered the external (PGCIL) losses as approved by the Hon'ble Commission at 3.17% in the Tariff Order for FY2019-20 and FY2020-21.

3 Filing of Retail Supply ARR for FY 20-21

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 2020-21 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 2020-21 instead of total control period of FY 2019-20 to FY 2023-24 vide APERC Proceeding No.T-83/2019, Dt. 28-8-19.

4 Performance Analysis of APSPDCL for the previous year FY2018-19 and current year FY 2019-20

Performance Analysis: A brief analysis of the licensee business for FY 2018-19 and FY 2019-20 is as follows:

Particulars	2018-19				2019-20			
	APERC Order		Actuals		APERC Order		Present Estimate	
	MU	%	MU	%	MU	%	MU	%
Metered Sales (incl. EHT)	26180.06	68.84%	25056.42	65.89%	27663.94	68.67%	27105.13	67.71%
LT Agricultural Sales	8741.73	22.99%	9832.49	25.85%	9502.76	23.59%	9656.87	24.12%
Total Sales	34921.79	91.82%	34888.91	91.74%	37166.70	92.26%	36762.01	91.83%
EHT Sales	5339.31		4786.72		6214.85		4826.32	
DISCOM Input (Exc. EHT sales)	32692.73		33243.34		34070.96		35205.79	
DISCOM Losses (Exc. EHT sales)		9.51%		9.45%		9.15%		9.29%
DISCOM Input	38032.04	100.00%	38030.06	100.00%	40285.81	100.00%	40032.11	100.00%
Loss Including EHT Sales %		8.18%		8.26%		7.74%		8.17%

- **Revenue**

The table below shows a comparison of the revenue from various consumer categories as approved in the Tariff Order and as billed (FY 2018-19) and expected to be billed (FY 2019-20) by APSPDCL.

Category Wise Revenue: (Figures shown in Rs Crores)

S.No	Category	2018-19		S.No	Category	2019-20	
		APERC Target	Actuals			APERC Target	Proj.
A	HT			A	HT		
1	Industrial	5471.40	5655.67	1	Domestic	20.92	16.45
2	Others	803.91	858.74	2	Commerical & Others	910.14	1299.41
3	Aviation activity at Airports	55.27	51.00	3	Industry	5639.50	5703.60
4	Irrigation & Agr.	1417.89	812.50	4	Institutional	515.54	545.75
5	Railway Traction	364.85	426.37	5	Agriculture & Related	1851.69	1138.40
6	Colony Lightning	24.94	16.30		RESCO's	24.80	30.20
7	Green Power	0.00	0.01		Temporary	0.00	0.03
8	RESCO's	14.03	24.52		Total	8962.59	8733.83
9	Temporary	0.11	1.44	B	LT		
	Total	8152.40	7846.54	1	Domestic	3526.64	4070.24
B	LT			2	Commerical & Others	2068.24	2162.35
1	Domestic	3451.06	3405.88	3	Industry	835.22	817.94
2	Non-Domestic	1924.78	2032.08	4	Institutional	535.23	581.63
3	Industrial	1293.34	1450.73	5	Agriculture & Related	936.93	898.00
4	Cottage Industries	17.67	19.46		Temporary	0.00	0.71
5	Agricultural	232.53	246.99		Total	7902.26	8530.87
6	Local Bodies	462.13	546.56		Grand Total	16864.85	17347.38
7	General Purpose	84.36	91.16				
8	Temporary	1.73	2.42				
	Total	7467.59	7795.29				
	Grand Total	15619.99	15641.84				

5 Retail Supply Business True-up for FY 2018-19 and Provisional True-up for FY 2019-20

The licensee has submitted the True-up petition for FY 2018-19 before the Honourable Commission on 07-11-2019. The provisional True-up of power purchase cost for FY 2019-20 is given below.

Rs. Crs.

2019-20			
Particulars	Approved	Present Estimate	Diff.
Power Purchase/Procurement Cost	16805.80	20404.12	3598.32

The station wise estimated power purchase cost for FY 2019-20 is as per Retails Supply Format No.1.4 PP Cost. The licensee prays that the Honourable Commission may approve the provisional true-up of Rs.3598.32 Crs. on account of power purchase cost variation.

6 ARR Projections for FY 2020-21

Sales Estimates for FY 2020-21

The licensee has adopted a modified trend approach for projecting 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 2014-15 to FY 2018-19 and the same has been applied to compute the sales for H2 FY 2019-20 also for FY 2020-21. 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 8 districts are used to project the sales of 8 districts for H2 FY 2019-20 & FY 2020-21. The total sales forecast for key categories is as follows:

Category	2019-20 (H1 actuals & H2 Projections) (MU)	2020-21 Un Restricted (MU)
LT Supply	24875.45	26444.58
Domestic	9733.91	10445.84
Commerical & Others	2067.07	2223.30
Industry	1060.73	1073.35
Agriculture & Related	11104.80	11744.73
Others	908.95	957.35
HT Supply	11886.55	12349.25
Industrial	7425.05	7633.38
Commerical & Others	1176.24	1206.34
Others	3285.27	3509.53
Total	36762.01	38793.83

Due to optimum energy availability in the state, the licensee is not considering any load relief in H2 of FY 2019-20 and FY 2020-21.

Yearly Growth Rate:

Category	2019-20 / 2018-19 Unrestricted	2020-21 / 2019-20 Unrestricted
LT Supply	5.33%	6.31%
Domestic	12.23%	7.31%
Commerical & Others	8.37%	7.56%
Industry	-0.09%	1.19%
Agriculture & Related	-0.12%	5.76%
Others	6.09%	5.32%
HT Supply	5.45%	3.89%
Industrial	-0.79%	2.81%
Commerical & Others	35.34%	2.56%
Others	12.55%	6.83%
Total	5.37%	5.53%

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 FY2020-21.

Revenue estimate at Current Tariffs for APSPDCL in FY 2020-21

Revenue projected at current tariffs incl. NTI is Rs.18247.33 Crs. Revenue from key categories at current tariff for FY 2020-21 is shown below:

Category	Revised Estimate for FY 2019-20 (Crs.)	FY 2020-21 (Crs.)
LT Supply	8530.87	9172.31
Domestic	4070.24	4435.05
Non-Domestic	2162.35	2323.10
Industrial	817.94	826.88
Irrigation & Agriculture	898.00	975.66
Others	582.34	611.62
HT Supply	8733.83	9075.02
Industrial	5703.60	5893.95
Non-Industrial	1299.41	1337.04
Others	1730.82	1844.02
Total	17264.70	18247.33

Power Purchase Requirement and Cost Estimate for the state of Andhra Pradesh for FY 2020-21

Subsequent 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. As per section 92 read with the Twelfth Schedule of the above Act, the districts of Anantapur and Kurnool which were within the jurisdiction of the erstwhile APCPDCL (Central Power Distribution Company AP Ltd., now TSSPDCL (Southern Power Distribution Company of Telangana Limited)) were transferred to the APSPDCL (Southern Power Distribution Company of AP Ltd.). Further, as per the G.O.Ms. No.20 (dated 08.05.2014), 17.45% share of power held by the erstwhile APCPDCL was transferred to APSPDCL based on the last 5 years' average consumption of Anantapur and Kurnool districts at the time of bifurcation. After factoring the above transfer, the present DISCOMS (Distribution Companies) of Andhra Pradesh have 46.11% share of power out of the share held by the erstwhile four Distribution Companies in the Power Stations of Central Sector. With effect from June 2017, power from APGENCO stations is being fully availed by the AP DISCOMs without allocation to TS DISCOMs and vice-versa. Presently the shares of APEPDCL and APSPDCL (Distribution Companies of AP) in the Power Purchase Agreements (PPAs) is 34.27% & 65.73% respectively. The details of capacities being availed by APDISCOMs from various power stations have been described in the subsequent paragraphs.

The following are the key assumptions considered by the licensee with regard to power purchase availability by the licensee –

APGENCO STATIONS

APDISCOMS have been purchasing power from APGENCO Stations based on the long term PPAs/approval of Hon'ble APERC. From FY 2014-15, APDISCOMs have been availing 100% power from APGENCO Hydel stations and similarly TSDISCOMs have been availing 100% power from TSGENCO Hydel Stations. Further, as per the directions of Government of Andhra Pradesh, APGENCO implemented Power Regulation to TSDISCOMS (Distribution Companies of Telangana) from their thermal stations w.e.f 11.06.2017 due to the non-payment of dues by TSDISCOMs. Similarly, TSGENCO (Telangana State Generating Company) also regulated Power from their thermal stations to APDISCOMS w.e.f the same date. In view of the Power Regulation to TSDISCOMs, APGENCO requested APDISCOMS to avail 100% power from their thermal Stations. Accordingly, APDISCOMs have been purchasing 100% Power from APGENCO thermal Stations since 11.06.2017. Further, as of now, APDISCOMs are not availing any power from TSGENCO. New Power Plants, Dr.NTTPS-V and DSSTPS-II are expected to be commissioned by Oct'20. APDISCOMS propose to purchase the power from these plants subject to the approval of Hon'ble APERC.

CENTRAL GENERATING STATIONS

APDISCOMS have been purchasing power from Central Generating Stations controlled/owned by GoI 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 Sep'19) are indicated in the following table. Further, APDISCOMs have been purchasing bundled power from

thermal Stations of NTPC which was allocated by MOP/GOI against the solar power procurement by APDISCOMs under JNNSM Phase I &II. NNTP (New Neyveli Thermal Plant) of NLC is expected to be commissioned by Dec' 19.

GAS – OLD INDEPENDENT POWER PRODUCERS

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 2019-20. APDISCOMs propose to avail the power from this plant during FY 2020-21 also subject to the approval of Hon'ble APERC.

SPGL (Spectrum Power Generation Limited-205.187MW)

Upon the expiry of PPA with the plant on 18.04.2016, APDISCOMs proposed to renew the PPA for a further period of 15 years and accordingly sent the proposal to GoAP for consent. If the consent is received from GoAP, APDISCOMs will file the draft PPA before Hon'ble APERC for approval. APDISCOMs are at present purchasing the power from this plant at the rates approved in the Retail Tariff Order for FY 2019-20. Pending permission from GoAP, APDISCOMs propose to purchase the power from this plant during FY 2020-21 also subject to the approval of Hon'ble APERC.

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. APDISCOMs are availing power from this project to the extent of APTRANSCO's equity share in the project.

OTHER RENEWABLE ENERGY PLANTS

APDISCOMs are having PPAs with the following Other Renewable Energy plants (stable energy producing plants) for the second half of FY 2019-20 and FY 2020-21 as given below. Renewable Energy based projects have been allocated to the APDISCOMs based on location basis (see Go Ms No 116, Dt 1-10-2019).

VARIABLE RENEWABLE ENERGY PLANTS

APDISCOMs are having PPAs with the following class of Variable Renewable Energy/ Non-Conventional based Projects for the second half of FY 2019-20 and FY 2020-21 as given below. Renewable Energy based projects have been allocated to the APDISCOMs based on location basis (see Go Ms No 116, Dt 1-10-2019). Further the Solar PPA in respect of Ghani project has been assigned to APSPDCL instead of APEPDCL vide the amendment PPA entered into between M/s NTPC and APSPDCL on 18-11-2019. The Amendment is effective from 1st April 2018.

VARIABLE RENEWABLE ENERGY

In view of variable nature of generation with a character of non-dispatchability, the availability from VRE sources has not been considered for Power Purchase Cost calculations. The energy from VRE sources cannot be scheduled for day ahead or week ahead planning. The generation from these sources is considered as inadvertent/infirm in nature. As such the generation from VRE sources will be used subject to its availability as per grid code

ENERGY REQUIREMENT

The DISCOM wise Energy Requirement are tabulated below.

DISCOM	FY 2019-20H2	FY 2020-21
APEPDCL	11925.7	26358.53
APSPDCL	21385.7	43618.65
Total	33311.3	69977.18

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.

VRE SUBSIDY

The highest technical authority in the Country i.e. the Central Electricity Authority (CEA) has identified the VRE integration cost by the RE rich states such as AP for accommodating the Renewable Energy duly backing down the conventional generation. The consumption of this VRE in place of dispatchable energy will entail the following subsidy.

	FY 2019-20 H2 – Rs Crs	FY 2020-21 Rs Crs
Minimum	Rs 1062.62 Cr	Rs. 2324.66 Cr
Maximum	Rs 1592.70 Cr	Rs 3498.90 Cr.

This additional burden has to be made good through a special provision of subsidy in the name of VRE subsidy. This is in addition to the aforementioned power purchase cost and paid directly by Govt. of A.P to developers.

PP COST SUMMARY

Based on the availability, requirement and costs for each source, the summary of power purchase cost for Andhra Pradesh for H2 FY 2019-20 is projected as follows:

FY 2019-20 H2				
Source	Energy Availability	Energy Dispatch (MU)	Total Cost (Rs Crs)	Per Unit Cost (Rs/kWh)
APGENCO Thermal and DSTPP-I &II	14,561.38	14,561.38	7,592.04	5.21
APGENCO Hydel	1,444.98	1,444.98	294.77	2.04
CGS	9,561.09	9,483.69	4,076.61	4.30
APGPCL	39.96	39.96	15.68	3.92
IPPs – Gas	909.62	909.36	291.98	3.21
KSK Mahanadhi	1,485.12	1,485.12	634.13	4.27
Sembcorp Energy	1,007.05	1007.05	374.19	3.72
Market Purchases	188.35	4,378.07	2118.99	4.84
Gross Purchases	29,197.55	33,309.61	15,398.39	4.62

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

FY 2020-21				
Source	Energy Availability	Energy Dispatch (MU)	Cost (Rs Crs)	Per Unit Cost (Rs/kWh)
APGENCO Thermal and DSTPP-I &II	37,114.68	36,230.71	19,604.92	5.41
APGENCO Hydel	3,137.50	3,137.50	601.41	1.92
CGS	18,806.38	18,358.87	8,585.90	4.68
APGPCL	86.78	86.78	43.09	4.97
IPPs – Gas	1,981.07	1,981.07	650.96	3.29
Other Renewable Energy Sources	338.03	338.03	174.71	5.17
KSK Mahanadhi	2,978.40	2,978.40	1,328.34	4.46

FY 2020-21				
Source	Energy Availability	Energy Dispatch (MU)	Cost (Rs Crs)	Per Unit Cost (Rs/kWh)
Semcorp Energy	1,916.54	1,916.54	747.73	3.90
Market Purchases		4949.36	2133.17	4.31
Total Purchases	66,359.38	69,977.26	33,870.23	4.84

Average Revenue Realized vs Average CoS break up for APSPDCL in FY 2020-21

- Average Revenue Realisation (ARR) for FY 2020-21 through proposed tariffs is Rs.4.94/kWh
- Average Cost of Supply (CoS) for APSPDCL - Rs. 7.36/kWh
- Average CoS break-up (per unit of Sales) for APSPDCL is as follows:-

Particulars	FY 2019-20 Approved (Rs./Unit)	FY 2019-20 Projected(Rs./Unit)	FY 2020-21 Projected (Rs./Unit)
Power Purchase cost	4.04	4.94	4.91
T&D Loss Cost	0.48	0.61	0.61
Network Cost	1.55	1.54	1.72
Other Cost	0.11	0.09	0.11
Cost of Service	6.18	7.18	7.36

- **The estimated revenue gap for the licensee for FY 2020-21 is as follows:**

S.No.	Particulars	FY 2020-21
A	Aggregate Revenue Requirement	28548.51
B	Revenue from Current Tariffs (Net of incentives) (Rs. Crs.)	18247.33
C	Revenue changed through proposed tariff	843.07
D	Revenue from Cross Subsidy Surcharge	92.18
E	Revenue from Additional Surcharge	0.00
F	Revenue from REC	0.00
G = (B+C+D+E+F)-A	Revenue (Deficit) / Surplus (Rs. Crs.)	-9365.94

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 2019-20.

The following changes have been proposed:

LT-I Domestic : The licensee proposed to dispense with the categorization of consumers based on consumption during the previous financial year and levy energy charges based on consumption of current month.

Sub-Category	Slab	Energy Charges (Rs./Kwh)
A: <= 75 Units per month	0-50	1.45
	51-75	2.60
B: > 75-225 Units Per month	0-50	2.60
	51-100	2.60
	101-200	3.60
	201-225	6.90
C: >225 Units Per month	0-50	2.65
	51-100	3.35
	101-200	5.40
	201-300	7.10
	301-400	7.95
	401-500	8.50
	>500	9.95

HT-I- Gated communities, Bungalows & Villas: The licensee proposes to include gated communities, villas & Bungalows in this category with energy charges of Rs 7.00 per unit

Commercial & Non-Domestic:

LT –II C-General: The existing subcategories ie II-C–Advertising Hoardings and II-D- Function Halls/Auditoriums, Startup power and II-E, E.V.Charging Stations are clubbed into single Group IIC- General, duly adopting tariffs of Advertising Hoardings of energy charges of Rs. 12.25 per unit with Fixed Charges of Rs.100 per KW. Additionally, the railway stations and Bus stands which are previously in LT -IIA Commercial are also oriented into LT -IIC-General now.

HT –II Commercial

HT-II A-General: The licensee proposes to club existing HT Cat II-B-Public Infrastructure and Tourism and HT-II-E-EV Charging Stations with HT-II-A-Commercial renaming as HT-II-A-General

Category	11KV	33KV	132KV and above
Existing Tariff			
HT-II(A) Commercial	7.65	6.95	6.70
TOD peak (6PM to 10PM)	8.65	7.95	7.70
HT-II(B) Public Infrastructure & Tourism	7.30	6.65	6.35
TOD peak (6PM to 10PM)	8.30	7.65	7.35
HT-II(E) EV Charging Stations	5.00	5.00	5.00
Proposed Tariff			
HT-II A-General:	7.65	7.50	7.35
TOD peak (6PM to 10PM)	8.65	8.50	8.35

HT-II B-Occasional: The licensee proposes to merge the existing HT Cat II-D-Function Halls/Auditoriums, Startup power & HT-II-F- Green power into single group as HT-II-B-Occasional.

Category	11KV	33KV	132KV and above
Existing Tariff			
HT-II-D Function Halls/Auditoriums, Startup power	11.75	11.75	11.75
HT-II-F-Green Power	11.30	11.30	11.30
Proposed Tariff			
H-II B-Occasional:	12.25	12.25	12.25

III Industry:

HT-III-A : Industry (General) : The licensee proposes to withdraw the load factor incentive scheme for FY 2020-21

HT-III-C-Energy Intensive Industries: The licensee proposes to incorporate a condition to Energy Intensive industries as follows:

“If the monthly consumption of Energy Intensive Industries falls below 85% Load utilization factor during any billing month, the consumer shall be billed in HT-III-A-Industry General Category in the billing month”.

IV-Institutional:

LT – Institutional-A-Utilities: The Licensee proposes that the existing subcategories of Panchayats, Municipalities & Municipal Corporations of IV-A- Street lighting & IV-B-CPWS/PWS schemes and LT-IV-C-NTR Sujala Pathakam are clubbed into one subcategory and renaming as LT-IV – Institutional-A-Utilities and the regrouping as Panchayats and Urban Local bodies as follows:

Category	Fixed Charges per month (Rs./HP or KW)	Energy Charges (Rs per Unit)
Existing Tariff		
LT-IV- A- Street lighting		
(i) Panchayats	75	5.95
(ii) Municipalities	75	6.50
(iii) Municipal Corporations	75	7.05
IV- B- CPWS/PWS Schemes		
(i) Panchayats	75	4.85
(ii) Municipalities	75	5.95
(iii) Municipal Corporations	75	6.50
IV- C- NTR Sujala Pathakam	10	4.00
Proposed Tariff		
LT-IV-A-Utilities		
Panchayats	75	7.00
Urban Local bodies	75	7.00

LT – Institutional-B-General: The Licensee proposes renaming of the existing subcategories of IV-D-General purpose as LT-IV –Institutional-B-General with tariffs as given below:

Category	Fixed Charges per month (Rs./HP or KW)	Energy Charges (Rs per Unit)
Existing Tariff		
LT-IV- D- General purpose	30	7.25
Proposed Tariff		
LT-IV-B-General	75	7.00

IV-HT-Institutional:

HT IV-A-Utilities: The Licensee proposes the existing subcategory HT-IV-B-CPWS/PWS Schemes to be renamed as HT IV-A-Utilities and proposes an increase energy charges 11KV – Rs.7.95, 33KV - Rs.7.25 & 132KV - Rs.7.00 per unit with fixed charges Rs.475 / KVA / Month.

HT IV-B-General : The Licensee proposes to introduce new category with Govt. offices, Govt. educational institutions / Hostels, Govt. Hospitals & Charitable institutions with tariff as given below:

Category	Fixed Charges per month (Rs./HP or KW)	Energy Charges (Rs per Unit)
Existing Tariff (II (A) Commercial)		
11 KV	475	7.65
33 KV	475	6.95

Category	Fixed Charges per month (Rs./HP or KW)	Energy Charges (Rs per Unit)
132 KV	475	6.70
Proposed Tariff (IV-B General)		
11 KV	475	7.95
33 KV	475	7.25
132 KV	475	7.00

HT IV-D-Railway traction: The Licensee proposes to increase in energy charges from Rs. 3.75 to 6.50 per unit.

V-Agriculture and related:

LT-V-Agriculture and related: LT-V-A-Corporate Farmers: The licensee proposes a flat rate Tariff of Rs. 200/HP/Month in place of energy charges of Rs. 2.50 per unit. LT-V-D-Hatcheries, Feed Mixing Plants and Floriculture: The licensee proposes an increase in Energy Charges from Rs. 3.85 to 4.50 per unit

HT-V-Agriculture and related:

HT-V-B-Hatcheries, Feed Mixing Plants and Floriculture: The licensee proposes an increase in Energy Charges from Rs. 4.85 to 5.25 per unit

HT-V-C-Lift Irrigations: The licensee proposes an increase in Energy Charges from Rs. 5.80 to 7.15 per unit

RECSOs: The activity of RESCOs is similar to that of the Licensee in implementing similar tariffs as approved by the Hon'ble commission wherein RESCOs draw power from Licensee as determined by the Commission. In order to encourage a competitive spirit on par with DISCOM, the Licensee proposes to increase Resco Tariff Rs 3.50 per unit each for both RESCOs.

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 2020-21 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)
HT I (B): Townships & Residential Colonies								
11 KV	7.42	4.91	1.37	9.41%	0	0.81	1.48	0.81
33 KV	7.42	4.91	0.60	6.32%	0	1.91	1.48	1.48
HT Cat-II : Commercial								
A) General								
11 KV	9.21	4.91	1.37	9.41%	0	2.60	1.84	1.84
33 KV	10.30	4.91	0.60	6.32%	0	4.63	2.06	2.06
132 KV	9.32	4.91	0.49	3.17%	0	3.92	1.86	1.86
B) Occasional								
11 KV	12.25	4.91	1.37	9.41%	0	5.64	2.45	2.45
33 KV	12.25	4.91	0.60	6.32%	0	6.58	2.45	2.45
132 KV	12.25	4.91	0.49	3.17%	0	6.85	2.45	2.45
HT Cat-III : Industry								
A) Industrial General								
11 KV	9.37	4.91	1.37	9.41%	0	2.76	1.87	1.87
33 KV	7.42	4.91	0.60	6.32%	0	1.75	1.48	1.48
132 KV	6.77	4.91	0.49	3.17%	0	1.37	1.35	1.35
B) Industrial Seasonal								
11 KV	7.65	4.91	1.37	9.41%	0	1.04	1.53	1.04
33 KV	6.95	4.91	0.60	6.32%	0	1.44	1.39	1.39
C) Energy Intensive								
11 KV	5.80	4.91	1.37	9.41%	0	0.00	1.16	0.00
33 KV	5.35	4.91	0.60	6.32%	0	0.00	1.07	0.00
132 KV	4.95	4.91	0.49	3.17%	0	0.00	0.99	0.00
HT Cat-IV : Institutions								
A) Utilities								
11 KV	10.42	4.91	1.37	9.41%	0	3.82	2.08	2.08
33 KV	9.22	4.91	0.60	6.32%	0	3.71	1.84	1.84
B) General Purpose								
11 KV	10.26	4.91	1.37	9.41%	0	3.66	2.05	2.05
33 KV	9.98	4.91	0.60	6.32%	0	4.47	2.00	2.00
D) Railway Traction								
132 KV	8.23	4.91	0.49	3.17%	0	2.83	1.65	1.65
C) Religious Places								
11 KV	5.39	4.91	1.37	9.41%	0	0.00	1.08	0.00
33 KV	5.39	4.91	0.60	6.32%	0	0.00	1.08	0.00
132 KV	5.39	4.91	0.49	3.17%	0	0.00	1.08	0.00
HT Cat-V : Agriculture & Related								
A) Animal husbandry & Aqua								
11 KV	4.07	4.91	1.37	9.41%	0	0.00	0.81	0.00
33 KV	4.07	4.91	0.60	6.32%	0	0.00	0.81	0.00
B) Hatcheries, Feed Mixing Plants & Floriculture								
11 KV	7.96	4.91	1.37	9.41%	0	1.35	1.59	1.35
33 KV	7.96	4.91	0.60	6.32%	0	2.45	1.59	1.59
C) Lift Irrigation Schemes								
11 KV	7.15	4.91	1.37	9.41%	0	0.54	1.43	0.54
33 KV	7.15	4.91	0.60	6.32%	0	1.48	1.43	1.43
132 KV	7.15	4.91	0.49	3.17%	0	1.75	1.43	1.43

9. Additional Surcharge

The Licensee filed for Additional Surcharge of Rs. 0.95 per unit in petition for ARR of FY 2018-19. The Hon'ble Commission disallowed it with following comments:

“the Licensees have not been able to demonstrate the above conclusively, as the parameters for grant of additional surcharge prescribed by section 42(4) read with clause 8.5.4 of the National Tariff Policy, 2016 are not satisfactorily established to exist to sustain such a claim. Therefore, the Commission is not rendering any decision on the eligibility or otherwise of the licensees to collect such additional surcharge from a consumer or any class of consumers for FY2018-19 in the present consideration. However, the licensees are at liberty to move an appropriate application for the purpose in accordance with law sufficiently supported by the relevant data and material which may be considered on merits.”

Hence, the Licensee requests the Hon'ble Commission to determine the methodology for determination of the Additional Surcharge. Based on the methodology, the Licensee shall file the Additional Surcharge in supplementary filings.

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 2020-21 and provisional true-up for FY 2019-20 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

Place: *Tirupati*

Dated: 02-12-2019


Chief General Manager / RAC
APSPDCL, Tirupati

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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 current filing follows the principles laid down under this Regulation for determination of the ARR for the retail supply business for the year FY 2020-21, which is the second year of the fourth Control Period.

1.2 Filing Contents

The filing is structured in the following way:

Section 2 provides analysis of expected performance for FY 2019-20 for Retail supply Business comprising:

- Operating Performance
- Financial Performance

A brief analysis of the financial and operational performance of the licensee during FY 2018-19 and FY 2019-20 (with projections for second half of FY) are given.

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 second year of the fourth control period i.e. FY 2020-21 and the energy input required for meeting the demand. The power procurement plan is based on the availability of the generation sources during FY 2020-21, 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 reorganization of the State of Andhra Pradesh, two districts i.e., Anantapur & Kurnool districts were merged into APSPDCL w.e.f 02-06-2014. In this context, for FY 2014-15 (during Apr & May, 2014) all the figures / data considered are actuals and pertains to six districts of APSPDCL (viz., Krishna, Guntur, Prakasam, SPSR Nellore, Chittoor & Kadapa). And from June, 2014 onwards all the figures pertain to entire eight districts of APSPDCL including newly added Anantapur & Kurnool districts.

2 Analysis of expected performance for Current Year FY 2019-20 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	2018-19				2019-20			
	APERC Order		Actuals		APERC Order		Present Estimate	
	MU	%	MU	%	MU	%	MU	%
Metered Sales (incl. EHT)	26180.06	68.84%	25056.42	65.89%	27663.94	68.67%	27105.13	67.71%
LT Agricultural Sales	8741.73	22.99%	9832.49	25.85%	9502.76	23.59%	9656.87	24.12%
Total Sales	34921.79	91.82%	34888.91	91.74%	37166.70	92.26%	36762.01	91.83%
EHT Sales	5339.31		4786.72		6214.85		4826.32	
DISCOM Input (Exc. EHT sales)	32692.73		33243.34		34070.96		35205.79	
DISCOM Losses (Exc. EHT sales)		9.51%		9.45%		9.15%		9.29%
DISCOM Input	38032.04	100.00%	38030.06	100.00%	40285.81	100.00%	40032.11	100.00%
Loss Including EHT Sales %		8.18%		8.26%		7.74%		8.17%

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 (H1)	9.21	8.17	1764	39	39

As seen from the above table, the actual losses for the FY 2018-19 is 8.26% and reduced compared to previous year loss of 8.31%. 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 1764 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 2018-19, 1764 Nos. feeders are available in E-AUDIT for which energy audit is done on regular basis at corporate office level.

32 Nos. additional 11 KV 2 MVAR capacitor banks were proposed for erection during the FY 2018-19 and completed.

For the year 2018-19, 32 Nos. additional 33/11KV sub-stations were charged and for the year FY2019-20, 99 Nos. additional 33/11 KV sub-stations are proposed out of this 39 Nos. were already 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 2018-19, the percentage of metered sales is 65.89 % as against 66.41% during 2018-19.

The total load curtailment (due to Load relief) during FY 2018-19 is 28.78 MU, which is very negligible and which is due to certain emergencies. In FY 2019-20, the metered sales are expected to increase by 2048.71 MU over 2018-19 levels, which is 8.18 % increase and also the percentage metered sales is expected to change from 65.89% (FY 2018-19) to 67.71% (FY 2019-20).

2.2.4 Agricultural Sales

In the previous year 2018-19 the actual Agriculture Consumption is 9832.49 MU. In the current year FY 2019-20 (H1), the agriculture consumption is 4127.11 MU and the projection for the entire year is 9656.87 MU, which is 154.11 MU (1.62%) excess 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 2018-19 is Rs. 15641.84 crores (including non-tariff income). The NTI during FY 2018-19 is Rs.898.52 crores. During FY 2019-20, the estimated revenue from sale of power (inclusive of Non-tariff income) is Rs. 17259.06 crores. The expected NTI during FY 2019-20 is Rs. 943.45 crores.

S.No	Category	2018-19		S.No	Category	2019-20	
		APERC Target	Actuals			APERC Target	Proj.
A	HT			A	HT		
1	Industrial	5471.40	5655.67	1	Domestic	20.92	16.45
2	Others	803.91	858.74	2	Commerical & Others	910.14	1299.41
3	Aviation activity at Airports	55.27	51.00	3	Industry	5639.50	5703.60
4	Irrigation & Agr.	1417.89	812.50	4	Institutional	515.54	545.75
5	Railway Traction	364.85	426.37	5	Agriculture & Related	1851.69	1138.40
6	Colony Lightning	24.94	16.30		RESCO's	24.80	30.20
7	Green Power	0.00	0.01		Temporary	0.00	0.03
8	RESCO's	14.03	24.52		Total	8962.59	8733.83
9	Temporary	0.11	1.44	B	LT		
	Total	8152.40	7846.54	1	Domestic	3526.64	4070.24
B	LT			2	Commerical & Others	2068.24	2162.35
1	Domestic	3451.06	3405.88	3	Industry	835.22	817.94
2	Non-Domestic	1924.78	2032.08	4	Institutional	535.23	581.63
3	Industrial	1293.34	1450.73	5	Agriculture & Related	936.93	898.00
4	Cottage Industries	17.67	19.46		Temporary	0.00	0.71
5	Agricultural	232.53	246.99		Total	7902.26	8530.87
6	Local Bodies	462.13	546.56		Grand Total	16864.85	17347.38
7	General Purpose	84.36	91.16				
8	Temporary	1.73	2.42				
	Total	7467.59	7795.29				
	Grand Total	15619.99	15641.84				

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:

2019-20		
Particulars	Approved	Present Estimate
Transmission Cost	1057.89	1041.31
SLDC Cost	40.42	20.13
Distribution Cost	3682.44	3622.00
PGCIL Expenses	966.23	969.44
ULDC Expenses	2.94	2.85
Network and SLDC Cost (A)	5749.92	5655.73
Power Purchase/Procurement Cost	16805.80	20404.12
Interest on Consumer Security Deposits	179.24	167.20
Supply Margin	27.65	28.31
Other Cost	120.62	112.87
Expenses for Elect. Accident Compensation	6.00	18.00
True-up for FY 2015-16	72.45	72.45
Supply Cost (B)	17211.76	20802.95
Gross ARR (A+B)	22961.68	26458.68
Total Revenue earned	17184.00	17347.38
Tariff Income		
Non Tariff Income, CSC & RE	17184.00	17347.38
Surplus (Gap)	(5777.68)	(9111.31)
Subsidy	5777.68	5777.68
Net Regulatory Gap	0.00	(3333.63)

3 Power Purchase Cost for Current Year (FY 2019-20) Second Half and Ensuing Year (FY 2020-21)

3.1 INTRODUCTION

Subsequent 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. As per section 92 read with the Twelfth Schedule of the above Act, the districts of Anantapur and Kurnool which were within the jurisdiction of the erstwhile APCPDCL (Central Power Distribution Company AP Ltd., now TSSPDCL (Southern Power Distribution Company of Telangana Limited)) were transferred to the APSPDCL (Southern Power Distribution Company of AP Ltd.). Further, as per the G.O.Ms. No.20 (dated 08.05.2014), 17.45% share of power held by the erstwhile APCPDCL was transferred to APSPDCL based on the last 5 years' average consumption of Anantapur and Kurnool districts at the time of bifurcation. After factoring the above transfer, the present DISCOMS (Distribution Companies) of Andhra Pradesh have 46.11% share of power out of the share held by the erstwhile four Distribution Companies in the Power Stations of Central Sector. With effect from June 2017, power from APGENCO stations is being fully availed by the AP DISCOMS without allocation to TS DISCOMS and vice-versa. Presently the shares of APEPDCL and APSPDCL (Distribution Companies of AP) in the Power Purchase Agreements (PPAs) is 34.27% & 65.73% respectively. 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 STATIONS

APDISCOMS have been purchasing power from APGENCO Stations based on the long term PPAs/approval of Hon'ble APERC. From FY 2014-15, APDISCOMS have been availing 100% power from APGENCO Hydel stations and similarly TSDISCOMS have been availing 100% power from TSGENCO Hydel Stations. Further, as per the directions of Government of Andhra Pradesh, APGENCO implemented Power Regulation to TSDISCOMS (Distribution Companies of Telangana) from their thermal stations w.e.f 11.06.2017 due to the non-payment of dues by TSDISCOMS. Similarly, TSGENCO (Telangana State Generating Company) also regulated Power from their thermal stations to APDISCOMS w.e.f the same date. In view of the Power Regulation to TSDISCOMS, APGENCO requested APDISCOMS to avail 100% power from their thermal Stations. Accordingly, APDISCOMS have been purchasing 100% Power from APGENCO thermal Stations since 11.06.2017. Further, as of now, APDISCOMS are not availing any power from TSGENCO.

New Power Plants, Dr.NTTPS-V and DSSTPS-II are expected to be commissioned by Oct'20. APDISCOMS propose to purchase the power from these plants subject to the approval of Hon'ble APERC.

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	Capacity(MW)
Thermal	
Dr. NTPPS-I, II, III(6 x 210MW)	1260
Dr. NTPPS-IV(1 x 500MW)	500
RTPP-I(2 x 210MW)	420
RTPP-II(2 x 210MW)	420
RTPP- III (1 x 210MW)	210
RTPP- IV(1x 600MW)	600
DSSTPS-I (2 x800MW)	1600
DSSTPS-II(1x800 MW) (To be Commissioned)	800
Dr.NTPPS-V(1x800 MW)(To be Commissioned)	800
Total Thermal	6610
Hydel	
Donkarayi Canal PH (1 x 25MW)	25
Upper Sileru HES (4 x 60MW)	240
Lower Sileru HES (4 x 115MW)	460
Srisaillam Right Bank PH (7 x 110MW)	770
Nagarjuna Sagar right canal PH (3x30MW)	90
PABR (2 x 10MW)	20
Mini Hydel Station (2 x 0.5MW)	1
Nagarjuna Sagar Tail Pond PH (2 x 25MW)	50
Interstate Hydel Projects	
Machkund, Orissa (AP share 70%)	84
T.B. Station, Karnataka (AP share 80%)	57.6
Total Hydel including Interstate Projects	1797.6
Total APGENCO	8407.6

3.2.2 CENTRAL GENERATING STATIONS

APDISCOMS have been purchasing power from Central Generating Stations controlled/owned by GoI 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 Sep'19) are indicated in the following table. Further, APDISCOMs have been purchasing bundled power from thermal Stations of NTPC which was allocated by MOP/GOI against the solar power procurement by APDISCOMs under JNNSM Phase I &II. NNTP (New Neyveli Thermal Plant) of NLC is expected to be commissioned by Dec'19. The Capacities being availed by APDISCOMs in CGS are tabulated below.

Station	Capacity Share(MW)
NTPC-(SR) Ramagundam I & II	280.56
NTPC-(SR) Ramagundam- III	70.67
NTPC-Talcher-II	172.84
NTPC Simhadri Stage-I	461.1

Station	Capacity Share(MW)
NTPC Simhadri Stage-II	189.1
NLC TS II Stage-I	49.63
NLC TS II Stage-II	89.22
NPC-MAPS	18.4
NPC-Kaiga 1 & 2	56.25
NPC-Kaiga 3 & 4	59.95
Vallur (JV) NTPC with TANGEDCO	101.24
NLC-TNPL Tuticorin	127.19
NTPC-Kudigi	259.32
NTPC JNNSM Phase I	39.27
NTPC JNNSM Phase II	625
NNTPS	52.46
Total CGS	2652.20

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 Long Term 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 Long Term Open Access (LTOA) charges to the generator.

3.2.4 GAS – OLD INDEPENDENT POWER PRODUCERS

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 2019-20. APDISCOMs propose to avail the power from this plant during FY 2020-21 also subject to the approval of Hon'ble APERC.

SPGL (Spectrum Power Generation Limited-205.187MW)

Upon the expiry of PPA with the plant on 18.04.2016, APDISCOMs proposed to renew the PPA for a further period of 15 years and accordingly sent the proposal to GoAP for consent. If the consent is received from GoAP, APDISCOMs will file the draft PPA before Hon'ble APERC for approval. APDISCOMs are at present purchasing the power from this plant at the rates approved in the Retail Tariff Order for FY 2019-20. Pending permission from GoAP, APDISCOMs propose to purchase the power from this plant during FY 2020-21 also subject to the approval of Hon'ble APERC.

The capacities being availed by APDISCOMs in the above plants are as tabulated below.

Station	Capacity (MW)
GGPP	216.824
SPGL	205.187
Total	422.011

3.2.5 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.

3.2.6 APGPCL (AP GAS POWER CORPORATION LIMITED)

APGPCL is a joint sector gas-based power project. APDISCOMs are availing power from this project to the extent of APTRANSCO's equity share in the project. The share of APDISCOMS power in this project is as follows.

Station	Capacity Share (MW)
APGPCL Stage-I	9.33
APGPCL Stage-II	24.96
Total	34.29

3.2.7 OTHER RENEWABLE ENERGY PLANTS

APDISCOMs are having PPAs with the following Other Renewable Energy plants (stable energy producing plants) for the second half of FY 2019-20 and FY 2020-21 as given below. Renewable Energy based projects have been allocated to the APDISCOMs based on location basis (see Go Ms No 116, Dt 1-10-2019).

Type of NCE Projects	Capacity Share (MW) FY 2019-20 H2	Capacity Share (MW) FY 2020-21
Biomass Power Projects including Co-gen	148.5	148.5
Bagasse Cogeneration Projects.	106.5	106.5
Mini Hydel Power Projects	38.64	38.64
Industrial Waste Based Power Projects	21.66	21.66
NCL Energy Ltd.	8.25	8.25
Total	323.55	323.55

3.2.8 VARIABLE RENEWABLE ENERGY PLANTS

APDISCOMs are having PPAs with the following class of Variable Renewable Energy/ Non-Conventional based Projects for the second half of FY 2019-20 and FY 2020-21 as given below. Renewable Energy based projects have been allocated to the APDISCOMs based on location basis (see Go Ms No 116, Dt 1-10-2019). Further the Solar PPA in respect of Ghani project has been assigned to APSPDCL instead of APEPDCL vide the amendment PPA entered into between M/s NTPC and APSPDCL on 18-11-2019. The Amendment is effective from 1st April 2018.

Type of VRE Projects	Capacity Share (MW) FY 2019-20 H2	Capacity Share (MW) FY 2020-21
Wind Power Projects	3928.25	3928.25
Solar Parks	3800	3800
Solar Power Projects	665	665
NVVNL Bundled Power -SOLAR	39.2	39.2
Total	8432.45	8432.45

3.3 AVAILABILITY

3.3.1 DISPATCHABLE ENERGY AVAILABILITY

The energy availabilities have been estimated after considering the generators projections, actual performance of the generating Stations during FY 2018-19 and FY 2019-20 H1, the availabilities approved in the Retail Tariff Order for FY 2019-20, the availability of fuel, breakdown of units, expiry of the existing PPAs during FY 2019-20 H2 and FY 2020-21, expected commissioning of new stations and the need to maintain the spinning reserve. The proposed availabilities in MU are indicated in the following tables.

Availability (In MU)

Source	Station	FY 2019-20 H2	FY 2020-21
AP GENCO	Thermal		
	Dr NTTPS-I,II,III	3743.30	8035.71
	Dr NTTPS-IV	1564.18	3241.20
	RTPP-I	1401.95	2678.46
	RTPP-II	1374.83	2678.46
	RTPP-III	643.46	1339.67
	RTPP-IV	1380.67	3952.51
	DSSTPS-I	4453.00	10489.53
	DSSTPS-II	-	2466.60
	Dr.NTTPS-V	-	2232.54

Source	Station	FY 2019-20 H2	FY 2020-21
AP GENCO	Total	14561.38	37114.68
	Hydel		
	Machkund PH AP Share	175.23	294.45
	Tungabadra PH AP Share	71.28	122.86
	Upper Sileru HES	155.03	428.18
	Lower Sileru HES	623.21	1056.35
	Donkarayi Canal PH	59.40	96.01
	SSLM (Right Bank) PH	256.41	929.49
	Nagarjunasagar Right canal PH	46.04	112.81
	PABR	1.96	5.63
	Mini Hydel(Chettipeta)	1.43	2.62
	Nagarjunasagar Tail Pond PH	55.00	89.10
	Total	1444.98	3137.50
	Grand Total	16006.36	40252.18

	Station	FY 2019-20 H2	FY 2020-21
Central Generating Stations	NTPC-(SR) Ramagundam I & II	1011.66	2019.71
	NTPC-(SR) Ramagundam- III	279.32	551.02
	NTPC-Talcher-II	638.37	1206.10
	NTPC Simhadri Stage-I	1867.46	3570.30
	NTPC Simhadri Stage-II	691.16	1431.68
	NLC TS II Stage-I	135.33	270.73
	NLC TS II Stage-II	248.87	497.75
	NPC-MAPS	24.34	42.20
	NPC-Kaiga 1 & 2	209.96	393.07
	NPC-Kaiga 3 & 4	196.34	400.58
	Vallur (JV) NTPC with TANGEDCO	355.40	677.55
	NLC-TNPL Tuticorin	497.69	903.18
	NTPC-Kudigi	959.22	1759.16
	NTPC JNNSM Phase I	144.60	279.69
	NTPC JNNSM Phase II	2177.81	4435.52
	NNTPS	123.56	368.16
Total	9561.09	18806.38	
Thermal – IPPs	Sembcorp Energy India Limited	1007.05	1916.54
	KSK Mahanadi Power Corporation Ltd	1485.12	2978.40
Gas	APGPCL		
	APGPCL Stage-I	9.52	20.72
	APGPCL Stage-II	30.44	66.06
	Total	39.96	86.78
	Old-IPPs		
	GGPP	451.76	795.48
	SPGL	457.86	1185.59
	Total	909.62	1981.07
	New-IPPs		
	GVPGL	0	0
	Gautami CCPP	0	0
GVK Extension	0	0	
Konaseema Gas Power Limited	0	0	
Other RE	Other RE	188.35	338.02

3.3.2 VARIABLE RENEWABLE ENERGY

In view of variable nature of generation with a character of non-dispatchability, the availability from VRE sources has not been considered for Power Purchase Cost calculations. The energy from VRE sources cannot be scheduled for day ahead or week ahead planning. The generation from these sources is considered as inadvertent/infirm in nature. As such the generation from VRE sources will be used subject to its availability as per grid code.

3.3.3 SUMMARY OF ENERGY AVAILABILITY (MU)

Source	FY 2019-20 H2	FY 2020-21
APGENCO-Thermal	14561.38	37114.68
APGENCO-Hydel	1444.98	3137.50
CGS	9561.092	18806.38
APGPCL	39.96	86.78
IPPs	909.62	1981.07
Other RE	188.35	338.02
KSK Mahanadi and Sembcorp India	2492.17	4894.94
Total	29197.55	66359.37

3.3.4 DEFICIT

Adequacy of resources from dispatchable 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 Dispatchable Stations (MU)	Deficit/ (Surplus)
Apr-20	5807.64	5213.36	-594.28
May-20	6200.52	5323.05	-877.47
Jun-20	5887.76	4751.28	-1136.48
Jul-20	5606.65	4826.58	-780.07
Aug-20	5503.31	5324.97	-178.34
Sep-20	5402.08	5295.57	-106.51
Oct-20	6399.38	5810.50	-588.88
Nov-20	5939.3	5306.47	-632.83
Dec-20	5532.28	5567.99	35.71
Jan-21	5496.11	6296.75	800.64
Feb-21	5494.72	5885.56	390.84
Mar-21	6707.43	6419.28	-288.15
Total	69977.18	66021.35	-3955.83

Total Deficit (MU) 5183.02
 Total Surplus (MU) 1227.19

DISCOM proposes to bridge the monthly deficit wherever it is incidental though procurement from market such as from Energy exchanges 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 NTTPS-I,II,III & IV and RTPP -I,II,III, the fixed costs for FY 2019-20 H2 and for the ensuing financial year FY 2020-21 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. For DSSTPS-I & DSSTPS-II(yet to be commissioned), the fixed rate as furnished by APPDCL was considered. For Dr.NTTPS-V, which is yet to be commissioned , the fixed rate as furnished by APGENCO was considered. The fixed charges computed based on the above are indicated in the following table.

Station	FY 2019-20H2	FY 2020-21
Thermal		
Dr NTTPS-I, II, III	331.67	679.47
Dr NTTPS-IV	164.43	282.92
RTPP-I	127.46	259.43
RTPP-II	123.74	252.73
RTPP-III	126.55	186.96
RTPP-IV	396.59	1101.73
DSSTPS- Stage I	1012.24	2002.18
DSSTPS-Stage-II	--	471.12
Dr.NTTPS-V	-	608.81
Interest on Pension Bonds	444.15	921.50
Total	2726.81	6766.85
Hydel		
MACHKUND PH AP Share	16.71	35.01
TUNGBHADRA PH AP Share	11.45	24.00
Upper Sileru HES	37.28	76.55
Lower Sileru HES	71.46	146.72
Donkarayi Canal PH	3.88	7.97
SSLM (Right Bank) PH	108.25	219.76
Nagarjunasagar Right canal PH	12.40	25.19
PABR	6.44	13.07
Mini Hydel (Chettipeta)	0.83	1.70
Nagarjunasagar Tail Pond PH	26.07	51.44
Total	294.77	601.41
Grand Total	3021.58	7368.26

VARIABLE RATE IN Rs/KWH.

In respect of Dr NTTPS-I,II,III & IV and RTPP -I,II,III, the variable rates for FY 2019-20 H2 were adopted as per the AP Genco Tariff Order for the 4th Control period dated

29-04-2019 issued by the Hon'ble APERC. Variable rates for FY 2020-21 were projected with 10% hike on FY 2019-20 H2. For DSSTPS-I & DSSTPS-II (yet to be commissioned), the variable rate as furnished by APPDCL was considered. For Dr.NTTPS-V, the fixed rate as furnished by APGENCO was considered. The variable rates are indicated in the following table.

Station	FY 2019-20H2	FY 2020-21
Dr NTTPS-I, II, III	3.34	3.67
Dr NTTPS-IV	3.15	3.46
RTPP-I	3.86	4.25
RTPP-II	3.86	4.25
RTPP-III	3.86	4.25
RTPP-IV	3.86	3.86
DSSTPS- Stage-I	2.85	3.14
DSSTPS-Stage-II	2.85	3.14
Dr.NTTPS-V	--	3.15

3.4.2 CENTRAL GENERATING STATIONS

FIXED COSTS IN RS. CRS

The fixed costs for FY 2019-20 H2 and FY 2020-21 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.

Station	FY 2019-20H2	FY 2020-21
NTPC-(SR) Ramagundam I & II	71.36	142.72
NTPC-(SR) Ramagundam- III	19.25	38.50
NTPC-Talcher-II	43.75	87.51
NTPC Simhadri Stage-I	154.73	309.46
NTPC Simhadri Stage-II	102.27	204.55
NLC TS II Stage-I	11.81	23.62
NLC TS II Stage-II	22.00	44.01
NPC-MAPS	-	-
NPC-Kaiga 1 & 2	-	-
NPC-Kaiga 3 & 4	-	-
Vallur (JV) NTPC with TANGEDCO	62.73	125.46
NLC-TNPL Tuticorin	69.33	138.66
NTPC-Kudigi	166.12	332.24
NTPC JNNSM Phase I	-	28.80
NTPC JNNSM Phase II	-	665.33
NNTPS	24.97	77.68
Total	748.32	2218.54

VARIABLE RATES IN Rs/KWH

The variable rates for FY 2019-20H2 were projected as per the September 2019 month actual variable cost. For 2020-21, the variable rates were projected by enhancing the September 2019 month actual variable cost by 10%. The variable rates are indicated in the following table.

Station	FY 2019-20H2	FY 2020-21
NTPC-(SR) Ramagundam I & II	2.77	3.05
NTPC-(SR) Ramagundam- III	2.73	3.01
NTPC-Talcher-II	2.39	2.63
NTPC Simhadri Stage-I	3.38	3.72
NTPC Simhadri Stage-II	3.34	3.67
NLC TS II Stage-I	2.64	2.91
NLC TS II Stage-II	2.64	2.91
NPC-MAPS	-	-
NPC-Kaiga 1 & 2	-	-
NPC-Kaiga 3 & 4	-	-
Vallur (JV) NTPC with TANGEDCO	3.78	4.15
NLC-TNPL Tuticorin	3.16	3.48
NTPC-Kudigi	3.98	4.38
NTPC JNNSM Phase I	4.60	3.93
NTPC JNNSM Phase II	4.21	3.04
NNTPS	2.31	2.54

3.4.3 SEMBCORP ENERGY AND KSK MAHANADI

FIXED COSTS IN RS. CRS.

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.

Station	FY 2019-20H2	FY 2020-21
Sembcorp Energy India Limited	143.84	277.04
KSK Mahanadi Power Corporation Limited	222.75	446.73

VARIABLE RATES RS/KWH

Station	FY 2019-20H2	FY 2020-21
Sembcorp Energy India Limited	2.25	2.43
KSK Mahanadi Power Corporation Limited	2.77	2.96

3.4.4 APGPCL

FIXED COSTS IN Rs. CRS.

The fixed costs projected for FY 2019-20 H2 and FY 2020-21 are based on the information on projections as furnished by APGPCL. The fixed costs computed, based on the above rates, are indicated in the following table.

Station	FY 2019-20 H2	FY 2020-21
APGPCL Stage-I	2.15	1.72
APGPCL Stage-II	2.14	16.63
Total	4.29	18.35

VARIABLE RATES IN RS/KWH

The variable cost projected for FY 2019-20 H2 and FY 2020-21 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 2019-20H2	FY 2020-21
APGPCL Stage-I	2.86	2.85
APGPCL Stage-II	2.85	2.85

3.4.5 OLD GAS BASED IPPs

FIXED CHARGES IN RS. CRS.

In respect of GGPP, the fixed cost have been computed by considering the actual fixed cost up to September 2019 for FY 2019-20 & for the ensuing year. In respect of SPGL the variable rates as approved in the Retail Supply tariff order for FY 2019-20 have been adopted for H2 of current Financial year and the ensuing Financial Year.

Station	FY 2019-20H2	FY 2020-21
GGPP	18.52	32.61
SPGL	42.12	109.07
Total	60.64	141.68

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,2019 (\$3.23/MMBTU) for H2 of FY 2019-20. The same rate has been escalated with 5% to arrive at variable cost rate for the ensuing year. In respect of SPGL the variable rates as approved in the Retail Supply tariff order for FY 2019-20 have been adopted for H2 of current Financial year and the ensuing Financial Year.

and are tabulated below.

Station	FY 2019-20H2	FY 2020-21
GGPP	2.70	2.84
SPGL	2.39	2.39

It is requested for pass through of gas price in the variable cost may be permitted.

3.4.6 NEWGAS BASED IPPs

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

3.4.7 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 4.31/Unit has been considered in the category of procurement.

3.4.8 PGCIL CHARGES

The POC rate approved by CERC for the latest quarter i.e. second quarter of FY 2019-20 is Rs.4.99 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. To account for the above, the POC rate of Rs.4.99 lakhs/MW has been enhanced by 5% to arrive at a value of Rs. 5.24 lakhs/MW. Based on this value, the POC charges for FY 2019-20 H2 and FY 2020-21 have been computed in the following manner.

POC charges for FY 2019-20 H2

$$= (4.99) \times (\text{number of months in the second half of FY 2019-20}) \times (\text{interstate capacity in MW APDISCOMs are expected to avail})/100$$

$$= (4.99) \times (6) \times (2796.65)/100 = \text{Rs.837.3Crs.}$$

Total POC charges for FY 2020-21

$$= (5.24) \times (\text{number of months in the FY 2020-21}) \times (\text{interstate capacity in MW APDISCOMs are expected to avail})/100$$

$$= (5.24) \times (12) \times (2821.65)/100 = \text{Rs.1774.25 Crs.}$$

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

ENERGY REQUIREMENT

The DISCOM wise Energy Requirement are tabulated below.

DISCOM	FY 2019-20H2	FY 2020-21
APEPDCL	11925.7	26358.53
APSPDCL	21385.7	43618.65
Total	33311.3	69977.18

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 Andhra Pradesh for H2 FY 2019-20 is projected as follows:

FY 2019-20 H2				
Source	Energy Availability	Energy Dispatch (MU)	Total Cost (Rs Crs)	Per Unit Cost (Rs/kWh)
APGENCO Thermal and DSTPP-I &II	14,561.38	14,561.38	7,592.04	5.21
APGENCO Hydel	1,444.98	1,444.98	294.77	2.04
CGS	9,561.09	9,483.69	4,076.61	4.30
APGPCL	39.96	39.96	15.68	3.92
IPPs – Gas	909.62	909.36	291.98	3.21
KSK Mahanadhi	1,485.12	1,485.12	634.13	4.27
Sembcorp Energy	1,007.05	1007.05	374.19	3.72
Market Purchases	188.35	4,378.07	2118.99	4.84
Gross Purchases	29,197.55	33,309.61	15,398.39	4.62

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

FY 2020-21				
Source	Energy Availability	Energy Dispatch (MU)	Cost (Rs Crs)	Per Unit Cost (Rs/kWh)
APGENCO Thermal and DSTPP-I &II	37,114.68	36,230.71	19,604.92	5.41
APGENCO Hydel	3,137.50	3,137.50	601.41	1.92
CGS	18,806.38	18,358.87	8,585.90	4.68
APGPCL	86.78	86.78	43.09	4.97

FY 2020-21				
Source	Energy Availability	Energy Dispatch (MU)	Cost (Rs Crs)	Per Unit Cost (Rs/kWh)
IPPs – Gas	1,981.07	1,981.07	650.96	3.29
Other Renewable Energy Sources	338.03	338.03	174.71	5.17
KSK Mahanadhi	2,978.40	2,978.40	1,328.34	4.46
Sembcorp Energy	1,916.54	1,916.54	747.73	3.90
Market Purchases		4949.36	2133.17	4.31
Total Purchases	66,359.38	69,977.26	33,870.23	4.84

3.6 VARIABLE RENEWABLE ENERGY SUBSIDY

3.6.1 PROBABLE AVAILABILITY (MU)

The following is the probable energy availability (MU) from the VRE.

Type of VRE Projects	FY 2019-20 H2	FY 2020-21
Wind Power Projects	2292.96	8033.66
Solar Parks	1788.72	3577.43
Solar Power Projects	783.92	1497.59
NVVNL Bundled Power -SOLAR	42.5	84.99
Total	4908.1	13193.67

3.6.2 VRE INTEGRATION COST

The VRE integration costs are calculated based on CEA Reports on optimal energy mix in power generation (page 20) and Optimal location of various types of balancing energy sources (page 13).

- The adequacy cost is computed as a differential cost between Weighted Average RE Tariff and the weighted average Thermal variable Cost.
- The balancing cost is due to increase in specific coal consumption and increased oil consumption while operating in ramped down condition; and reduced coal plant life etc. due to frequent ramp up/ramp down or start/stop operations.

- Grid integration cost is due to the wasted evacuation and network infrastructure created for the < 25% PLF VRE plants. 75% of evacuation infrastructure remains under utilized and the fixed cost is paid unnecessarily by APTRANSCO and to PGCIL by way of PoC charges. The APTRANSCO charges are not included in the network expenditure.

Minimum VRE integration cost. The following is the minimum VRE integration cost (Rs per unit) based on the actual pooled variable cost of thermal generating stations .for the Current Financial Year and the ensuing FY.

Type of VRE Projects	Weighted Average Tariff	FY 2019-20 H2				FY 2020-21			
		Adequacy cost	Balancing Cost	Grid integration cost	Total	Adequacy cost	Balancing Cost	Grid integration cost	Total
Wind Power Projects	4.61	1.41	0.53	0.41	2.35	1.07	0.53	0.41	2.01
Solar Parks	4.63	1.43	0.53	0.41	2.37	1.09	0.53	0.41	2.03
Solar Power Projects	5.64	2.44	0.53	0.41	3.38	2.10	0.53	0.41	3.04
NVVNL Bundled Power - SOLAR	10.76	7.56	0.53	0.41	8.50	7.22	0.53	0.41	8.16

The actual pooled variable cost is considered as Rs 3.2/Unit for H2 of FY 2020 and Rs 3.54 /Unit for 20021.

The following is the minimum VRE integration cost (Rs Cr).

Type of VRE Projects	FY 2019-20 H2 – Rs Crs				FY 2020-21 Rs Crs			
	Adequacy cost	Balancing Cost	Grid integration cost	Total	Adequacy cost	Balancing Cost	Grid integration cost	Total
Wind Power Projects	323.31	121.53	94.01	538.85	859.60	425.78	329.38	1614.77
Solar Parks	255.79	94.80	73.34	423.93	389.94	189.60	146.67	726.22
Solar Power Projects	191.28	41.55	32.14	264.96	314.49	79.37	61.40	455.27
NVVNL Bundled Power - SOLAR	32.13	2.25	1.74	36.13	61.36	4.50	3.48	69.35
Total	802.50	260.13	201.23	1263.86	1625.40	699.26	540.94	2865.60

Maximum VRE integration cost. The following is the maximum VRE integration cost (Rs per unit) based on the pooled variable cost. notified by APERC vide Tariff Order 2019-20 which is Rs 2.65/Unit.

Type of VRE Projects	Weighted Average Tariff	FY 2019-20 H2				FY 2020-21			
		Adequacy cost	Balancing Cost	Grid integration cost	Total	Adequacy cost	Balancing Cost	Grid integration cost	Total
Wind Power Projects	4.61	1.96	0.53	0.41	2.90	1.96	0.53	0.41	2.90
Solar Parks	4.63	1.98	0.53	0.41	2.92	1.98	0.53	0.41	2.92
Solar Power Projects	5.64	2.99	0.53	0.41	3.93	2.99	0.53	0.41	3.93
NVVNL Bundled Power -SOLAR	10.76	8.11	0.53	0.41	9.05	8.11	0.53	0.41	9.05

The following is the maximum VRE integration cost (Rs Cr).

Type of VRE Projects	FY 2019-20 H2 – Rs Crs				FY 2020-21 Rs Crs			
	Adequacy cost	Balancing Cost	Grid integration cost	Total	Adequacy cost	Balancing Cost	Grid integration cost	Total
Wind Power Projects	449.42	121.53	94.01	664.96	1574.60	425.78	329.38	2329.76
Solar Parks	354.17	94.80	73.34	522.31	708.33	189.60	146.67	1044.61
Solar Power Projects	234.39	41.55	32.14	308.08	447.78	79.37	61.40	588.55
NVVNL Bundled Power -SOLAR	34.47	2.25	1.74	38.46	68.93	4.50	3.48	76.92
Total	1072.45	260.13	201.23	1533.81	2799.63	699.26	540.94	4039.84

3.6.3 VRE SUBSIDY

- The highest technical authority in the Country i.e. the Central Electricity Authority (CEA) has identified the VRE integration cost by the RE rich states such as AP for accommodating the Renewable Energy duly backing down the conventional generation. The consumption of this VRE in place of dispatchable energy will entail the following subsidy.

	FY 2019-20 H2 – Rs Crs	FY 2020-21 - Rs Crs
Minimum	Rs 1062.62 Cr	Rs. 2324.66 Cr
Maximum	Rs 1592.70 Cr	Rs 3498.90 Cr.

The minimum scenario is calculated based on weighted average thermal variable cost of Rs 3.20/Unit for H2 of FY 2019-20 & Rs 3.54/Unit for FY 2020-21.

The maximum scenario is calculated based on the weighted average thermal variable cost (Rs 2.65/unit) as estimated by the Hon'ble APERC in its tariff order for FY 2019-20.

- The state government has notified Wind/Solar Policies 2015. Under these policies bilateral agreements to the extent of 6500 MW are entered into between State Government (or its nominee NREDCAP) and the project developers.
- The State Government directed the DISCOM to enter into high cost VRE Power Purchase Agreements subsequently. This bilateral agreement between Government and Project developers is the basis for all the PPAs entered into by DISCOM. These bilateral government agreements include a Must Run Incentive (MRI) obligation by State Government to the Wind/Solar developers.
- The MRI can be estimated as the price differential between VRE tariff determined/discovered u/s 62 or 63 of EA -2003 and the weighted average Thermal variable Cost. To this a balancing cost component that would arise on account of frequent start ups, ramp ups and ramp down of thermal generating stations that results in increase in variable costs, wear & tear which may affect the life of the plant, is to be added.

Ultimately the per unit MRI Subsidy = Tariff determined/Discovered - weighted average Thermal variable Cost + Balancing cost

The tariff payable by the DISCOMs to VRE developers = weighted average Thermal variable Cost - balancing cost

Ex. If the Tariff determined /discovered is Rs 5/Unit, weighted average thermal variable cost is Rs 3.5/Unit and the balancing cost is Rs 0.5/Unit:

The Tariff payable by the DISCOM=3.5-0.5 = Rs 3/Unit

The MRI subsidy payable by the State Govt. = 5-3.5+0.5 = Rs 2.0/Unit.

- This MRI is the subsidy payable by State Government to the developer. This MRI subsidy amount will be paid directly by the State Government to the developers under the bilateral agreement between state government and the developers. The same is therefore not supposed to be included in the power purchase cost in ARR.
- Out of the VRE tariff, Tariff payable by DISCOM is paid to developer by DISCOM under the PPA, and the MRI subsidy is paid to developer by State Govt under the bilateral agreement.

4 Losses

4.1 DISCOM losses

The DISCOM losses for FY 2019-20 is projected at the same level as actual losses of H1 of FY 2019-20 and for FY 2020-21, losses are projected to reduce 0.6% over FY 2019-20. The table given below provides the voltage level losses for projecting APSPDCL energy requirement for FY 2019-20 (H2) and FY 2020-21.

Voltage Level	FY 2019-20 (H2)	FY 2020-21
33 KV	3.27%	3.25%
11 KV	3.32%	3.30%
LT	4.31%	4.28%

The following table gives the details of losses projected by SPDCL for 2019-20 and 2020-21.

	2019-20		2020-21	
	Excl. EHT	Incl. EHT	Excl. EHT	Incl. EHT
Approved by APERC	9.15%	7.74%	-	-
Projection of APSPDCL	9.29%	8.17%	9.26%	8.15%

4.2 TRANSCO losses

The Transco losses for H2 FY 2019-20 and for FY 2020-21 have been taken as per approved losses.

	H2 FY 2019-20	FY 2020-21
Transmission Losses	3.17%	3.17%

4.3 Losses external to APTRANSCO system

The losses external to the APTRANSCO system are considered to be 3.17 % for H2 FY 19-20 and also for FY 2020-21. This is applicable for procurement of power from Central Generating Stations and other medium and short term purchases. However, external losses have not been considered for bilateral / inter-state purchases due to considering average landed power purchase cost at APTransco periphery.

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	4269.70	119.28	611.15	3005.30	119.28	430.17	1041.31
2020-21	4672.44	138.88	778.69	3155.56	138.88	525.89	1304.58

5.2 PGCIL and ULDC Charges

The POC rate approved by CERC for the latest quarter i.e. second quarter of FY 2019-20 is Rs.4.99 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. To account for the above, the POC rate of Rs.4.99 lakhs/MW has been enhanced by 5% to arrive at a value of Rs. 5.24 lakhs/MW. Based on this value, the POC charges for FY 2019-20 H2 and FY 2020-21 have been computed in the following manner.

POC charges for FY 2019-20 H2

$$= (4.99) \times (\text{number of months in the second half of FY 2019-20}) \times (\text{interstate capacity in MW APDISCOMs are expected to avail})/100$$

$$= (4.99) \times (6) \times (2796.65)/100 = \text{Rs.837.3Crs.}$$

Total POC charges for FY 2020-21

$$=(5.24) \times (\text{number of months in the FY 2020-21}) \times (\text{interstate capacity in MW APDISCOMs are expected to avail})/100$$

$$= (5.24) \times (12) \times (2821.65)/100 = \text{Rs.1774.25 Crs.}$$

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

	2019-20	2020-21
PGCIL Expenses	969.44	1,166.31
ULDC Charges	2.85	2.94

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.

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	4269.70	1917.48	0.82	4269.70	2146.34	11.00	11.82
Open Access							
Load Eligible for Open Access	3005.30	1917.48	0.58	3005.30	2146.34	7.74	8.32
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	4672.44	2838.01	1.33	4672.44	2058.18	11.54	12.87
Open Access							
Load Eligible for Open Access	3155.56	2838.01	0.90	3155.56	2058.18	7.79	8.69
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	0.00	2873.46	1112.08	0.00	46.21	2919.66
2019-20	6107.32	0.00	3488.76	1167.68	0.00	133.24	3622.00
2020-21	6601.93	0.00	4032.04	1226.07	0.00	145.96	4178.00

5.5 Interest on Consumer Security Deposits

Interest on Security Deposit is calculated based on the past trend. The interest is calculated @ 6.20% per annum for 2019-20 & FY 2020-21 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
A	Opening Balance	2298.86	2558.84	2831.82
B	Additions during the Year	1544.28	1621.49	1702.57
C	Deductions during the Year	1284.30	1348.52	1415.94
D	Closing Balance	2558.84	2831.82	3118.45
E	Average Balance ((A+D)/2)	2428.85	2695.33	2975.13
F	Interest @ % p.a. #	6.20	6.20	6.20
G	Interest Cost (E*F)	150.67	167.20	184.56

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".

.....
"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."

5.6 Supply Margin

Proposal to Fix Supply Margin @ 2 paise /Unit

As per the present practice the Hon'ble APERC has been allowing Retail Supply Margin (RSM) on the basis of 2% additional Return on the equity portion of approved Regulated Rate Base (RRB). In this methodology there is no direct linkage to the sales/turnover which is a directly identifiable parameter in Power Supply business of the DISCOM to earn the Regulated Return, instead it is linked to the network business. The DISCOMs are proposing to deviate from this practice and propose the Retail Supply margin (RSM) in similar lines of Trading margin available to the trading licensees whose activity is analogous to the supply activity of the DISCOMs. Accordingly, the DISCOMs propose a 2 paise per sale unit as the RSM with effect from the ensuing financial year. The present trading margin allowed by the Hon'ble CERC for all Inter State trading licensees is 7 paise max. per unit. The Hon'ble Commission is humbly requested to kindly approve the proposal of Licensee and encourage to carryout the supply activity in a more effective manner.

Form – 1.6 - Supply Margin		Rs. in Crores		
Particulars	2018-19	2019-20	2020-21	
Supply Margin Amount	13.05	28.31	77.59	

5.7 Other Costs

The licensee has projected the following expenditure under other costs:

- 1) Amount payable towards DELP to M/s EESL, New Delhi
- 2) Amount payable towards solar pumpsets
- 3) Amount payable towards Energy Efficient Pump sets
- 4) Reserve fund towards to relief to victims of electrical accidents

5.7.1 DELP:

The licensee with the approval of Honourable Commission has distributed 2 Nos. LED bulbs in all the districts of its jurisdiction. The licensee has been claiming amounts payable to M/s EESL based on projections. The actual amounts incurred are variance with the projections and consequently approvals as given below.

Year	2015-16	2016-17	2017-18	2018-19	2019-20	Total
Amounts approved by Hon'ble APERC (Rs. in Crs.)	13.53	50.13	44.43	37.71	12.00	157.80
Actual amounts incurred (Rs. in Crs.)	13.53	49.27	51.25	37.88	28.76	180.69
Balance amount claimed now (Rs. in Crs.)						22.89

Hence, the licensee proposes to claim an amount of Rs.22.89 Crs. on account of True-up of expenditure incurred towards payment of amounts to M/s EESL for FY 2020-21.

5.7.2 Solar pumpsets (Off Grid) :

The licensee has erected 6507 Nos. of solar pumpsets in FY 2018-19 and is expected to erect further 724 Nos. in FY 2019-20. Cumulatively the licensee has installed 19,998 Nos. 5 HP & 111 Nos. 3 HP solar pumpsets till September, 2019. The following table summarizes the Agricultural demand met through solar off-grid power out of total Agricultural demand of the licensee.

	FY 2019-20	FY 2020-21
Agricultural demand met through Grid Power	9656.87	10139.72
Agricultural demand met through Solar	150.80	151.12
Total agricultural Demand (MU)	9807.67	10290.83

* Each 5HP Pumpset is expected to produce 7500 Units of energy per year

The power purchase cost saved by these schemes have already been factored in the power purchase calculations. 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 actual expenditure incurred and projected / approved expenditure are at variance for the previous years as given below.

Year	2015-16	2016-17	2017-18	2018-19	2019-20	Total
Actual work executed (1)	49.09	62.02	108.08	125.23	13.47	357.89
Debt (2)	31.33	30.67	48.04	85.35	0.00	195.39
Own funds (3)	17.76	31.35	60.04	39.88	13.47	162.50
Principle (4)	0.00	2.58	5.17	5.17	5.17	18.09
Interest (5)	0.87	6.77	11.04	17.17	17.94	53.79
Total amount incurred (6=3+4+5)	18.63	40.70	76.25	62.22	36.58	234.38
Approved (7)	0.00	11.38	36.90	34.80	63.93	147.01
Balance amount claimed now (Rs. in Crs.) (8=6-7)	18.63	29.32	39.35	27.42	-27.35	87.37

There is a true-up of Rs.87.37 Crs. on account of variation in approved Vs actual costs for previous years. Further, the DISCOM is projected to incur an amount of Rs.23.11 Crs. in FY 2020-21 towards repayment of loans taken for Solar pumpsets.

5.7.3 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. 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 licensee has replaced 51877 Nos. 5HP energy efficient submersible

pumpsets till September, 2019. The expenditure proposed to be incurred by the licensee towards repayment of interest on loan for FY 2020-21 is Rs.28.761 Crs.

5.7.4 Reserve fund towards relief to victims of electrical accidents

During FY 2019-20, upto Sep'19 the DISCOM has sanctioned compensation to the victims of electrical accidents an amount of Rs.4.46 Crs. Hence it is proposed to incur an amount of Rs.18 Crs. towards reserve fund for relief to victims of electrical accidents for FY 2020-21.

5.7.5 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.2 Crs. towards grants to APSEEDCO for promotion of Energy Conservation & Efficiency for FY 2020-21.

The other costs during FY 2020-21 is submitted below.

Particulars	Rs. Crs.	
	FY 2019-20	FY 2020-21
Payment to M/s EESL towards DELP	28.76	22.89
Solar Pumpsets	36.58	110.42
Energy Efficient Pumpsets	45.53	28.76
Towards Electrical accidents compensation	18.00	18.00
Grants to APSEEDCO	2.00	2.00
Total	130.87	182.07

5.8 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
1	Transmission Cost	1,041.31	1,304.58
2	SLDC Cost	20.13	21.56
3	Distribution Cost	3,622.00	4,178.00
4	PGCIL Expenses	969.44	1,166.31
5	ULDC Charges	2.85	2.94
6	Network and SLDC Cost (1+2+3+4+5)	5,655.73	6,673.39
7	Power Purchase / Procurement Cost	20,404.12	21,430.91
8	Interest on Consumer Security Deposits	167.20	184.56
9	Supply Margin in Retail Supply Business	28.31	77.59
10	Other Costs, if any	130.87	182.07
11	Supply Cost (7+8+9+10)	20,730.50	21,875.12
12	Aggregate Revenue Requirement (6+11)	26,386.23	28,548.51

6 Revenue Projections

6.1 Sales Forecast

The factors affecting the actual consumption are numerous and often beyond the control of the licensee due to factors such as Government Policy, economic climate, weather conditions and force majeure events like natural disasters. Therefore, an accurate point-estimate of the consumption (sales by licensee) is not possible. Under such a situation, the attempt 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.

6.1.1 Trend Method

This method is a non-causal model of demand forecasting which assumes that the underlying factors, which drive the demand for electricity, are expected to follow the same trend as in the past and hence the forecast for electricity is also based on the assumption that the past trend in consumption of electricity will continue in the future. The strength of this method, when used with balanced judgment, lies in its ability to reflect recent changes and therefore is probably best suited for a short-term projection as used for the ARR/ Tariff filing. 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 categories of consumers, it may not be very suitable for the industrial category because of the high dependence of demand on the end-use and also on the macroeconomic variables.

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 econometric variables and the load reliefs issued in the past. The Licensee has projected the category –wise sales based on the modified trend approach. Sales Forecast for the ensuing year has been developed primarily based on analysis of historic data for the period FY 2014-15 to H1 of FY 2019-20. The following inputs have been taken to arrive at sales consumption for H2 of FY 2019-20 and FY 2020-21.

- Actual sales (6 districts + Anantapur & Kurnool) captured from FY2014-15 to FY 2018-19
- CAGR computed for historical sales for FY 2014-15 to FY 2018-19
- Actual sales (6 districts + Anantapur & Kurnool) captured for FY 2019-20 (upto Sep'19)
- CAGR computed for actual sales from FY 2014-15 to FY 2019-20
- Growth rate used on FY 2019-20 projected sales to forecast sales for FY 2020-21
- Additional loads for Lift irrigation schemes, CRDA and Industrial clusters etc., added for projecting FY 2019-20 (H2) & FY 2020-21 sales
- Load reliefs (minimal in extent) captured for FY 2018-19 and FY 2019-20 (H1)
- No Load reliefs are expected in FY 2019-20 (H2) & FY 2020-21
- The sales for FY 2019-20 are projected by taking actuals upto Sep'19 and projecting the growth rate based on the trend observed during the period from April'19 to Sep'19 and appropriate CAGR by considering the additional loads.
- The sales for FY 2020-21 are projected based on trend observed and appropriate CAGR duly considering the additional loads.

6.1.2 LT Sales forecast

Sales Forecast for FY 2020-21 has been projected primarily based on analysis of historic data for the period FY 2014-15 to FY 2018-19. The Licensee submits the following forecasts of energy sales (in million units) as part of the current application to the Honourable Commission. For the FY 2014-15, the actual sales pertaining to Anantapur & Kurnool districts are considered from 2nd June, 2014.

6.1.2.1 LT Cat-I: Domestic

The consumption of power by the domestic category is 8672.82 MU in the year 2018-19 consisting of 4696.19 MU in the first half and 3976.63 MU in the second half of the year. The sales projected for FY 2019-20 is 9733.91 MU (H1 : 5391.87, H2 : 4342.04) and for FY 2020-21 is 10445.84 MU.

LT Cat-I	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21
	Actuals					Projections	
MUs	6132.90	6953.98	7598.85	8167.04	8672.82	9733.91	10445.84
% Growth		13.39%	9.27%	7.48%	6.19%	12.23%	7.31%

6.1.2.2 LT Cat-II: Commercial & Others

The consumption of power by the Commercial & Others category is 1907.34 MU in the year 2018-19 consisting of 1004.50 MU in the first half and 902.84 MU in the second half of the year. The sales projected for FY 2019-20 is 2067.07 MU (H1 : 1099.24, H2 : 967.83) and for FY 2020-21 is 2223.30 MU.

LT Cat-II	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21
	Actuals					Projections	
MUs	1360.27	1550.90	1655.76	1750.48	1907.34	2067.07	2223.30
% Growth		14.01%	6.76%	5.72%	8.96%	8.37%	7.56%

6.1.2.3 LT Cat-III: Industrial

The consumption of power by the category is 1061.67 MU in FY 2018-19 consisting of 523.60 MU in the first half and 538.07 MU in the second half of the year. The sales projected for FY 2019-20 is 1060.73 MU (H1 : 521.62, H2 : 539.11) and for FY 2020-21 is 1073.35 MU.

LT Cat-III	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21
	Actuals					Projections	
MUs	1408.47	916.37	947.20	986.41	1061.67	1060.73	1073.35
% Growth		-34.94%	3.36%	4.14%	7.63%	-0.09%	1.19%

6.1.2.4 LT-IV - Institutional

The consumption of power by this category is 855.45 MU in FY 2018-19 consisting of 414.41 MU in the first half and 441.05 MU in the second half of the year. The sales projected for FY 2019-20 is 908.29 MU (H1 : 439.16, H2 : 469.13) and for FY 2020-21 is 956.63 MU.

LT Cat-IV	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21
	Actuals					Projections	
MUs	598.50	628.55	734.47	801.05	855.45	908.29	956.63
% Growth		5.02%	16.85%	9.07%	6.79%	6.18%	5.32%

6.1.2.5 LT-V - Agriculture & Related

- a) The Licensed area of APSPDCL covers eight Districts after bifurcation of AP state. Farmers in these eight Districts largely depend on lifting of ground water for their irrigation needs. The Energy Demand has been growing consistently over the past years. Usually, two crops are grown in a year and in some areas where plenty of water is available, particularly in Krishna and Guntur districts & part of other districts, third crop is also grown. Among all the crops, Paddy is the most preferred crop being grown in all the eight Districts resulting in high Energy Demand on Irrigation.
- b) Large no. of the pump sets under usage are of not as per standard specifications and such pump sets draw more Energy. Also the farmers are replacing the old pump sets with higher capacity pump sets whenever the depth of water table increases.
- c) There are 14,57,550 Nos. agricultural services in the licensee's area as on 31-03-2019. During FY 2019-20, the licensee has released 17097 Nos. agricultural connections upto September, 2019 against the present target of 50,000 Nos. By this projected addition of new connections, the total no.of agricultural connections in the licensee area will be 15,07,550 Nos. at end of FY 2019-20. The circle wise break up of no.of agricultural connections existing, added and projections for FY 2019-20 & FY 2020-21 are furnished in the table below:

No.of agricultural services in APSPDCL						
S.No	Circle	Existing as on 31-03-2019	Added during 2019-20 (Proj.)	Existing as on 31-03-20 (Proj.)	Added during FY 2020-21 (Proj.)	Existing as on 31-03-21 (Proj.)
1	Vijayawada	112671	3544	116215	3544	119759
2	Guntur	110473	5839	116312	5839	122151
3	Ongole	181435	6340	187775	6340	194115
4	Nellore	187308	4490	191798	4490	196288
5	Tirupati	287398	7170	294568	7170	301738
6	Kadapa	155373	4635	160008	4635	164643
7	Anantapur	257082	8506	265588	8506	274094
8	Kurnool	165810	9476	175286	9476	184762
APSPDCL		1457550	50000	1507550	50000	1557550

- d) The majority of the agricultural connections are with bore wells. Hence, the average capacity of the pump-sets are increasing at every year. The connected load details of agricultural connections are furnished in the below table:

Connected load (HP) of agricultural services in APSPDCL						
S.No	Circle	Existing as on 31-03-2019	Added during 2019-20 (Proj.)	Existing as on 31-03-20 (Proj.)	Added during FY 2020-21 (Proj.)	Existing as on 31-03-21 (Proj.)
1	Vijayawada	614,263	19,321	633,584	19,321	652,905
2	Guntur	594,834	31,440	626,273	31,440	657,713
3	Ongole	997,658	34,862	1,032,520	34,862	1,067,382
4	Nellore	898,872	21,547	920,419	21,547	941,966
5	Tirupati	1,733,556	43,249	1,776,805	43,249	1,820,054
6	Kadapa	1,182,755	35,283	1,218,039	35,283	1,253,322
7	Anantapur	1,578,855	52,239	1,631,094	52,239	1,683,333
8	Kurnool	927,702	53,018	980,720	53,018	1,033,738
APSPDCL		8,528,496	290,959	8,819,455	290,959	9,110,414

e) **Initiatives of the licensee to control agricultural sales in line with Tariff Order :**

The licensee has taken all possible measures to control agricultural sales within the limits of Tariff Order. The following initiatives are taken in this regard.

- Strict implementation of 9 Hrs. supply a day.
- Anti-pilferage measures.
- APSPDCL has taken Demand side management measures with publicity through handouts, electronic media etc., to the farmers to install energy efficient pump sets, required rating of capacitors, HDPE pipe lines at suction and delivery and frictionless foot-valves to save energy and to avail subsidized tariff.
- Wide publicity is being given among the consumers on installation of capacitors
- With the initiatives of MNRE, Govt. of India, erection of solar pump sets project has been under taken at a large scale. REC is acting as financial agency, MNRE is giving 33% as subsidy, the consumer is contributing 11% and balance 56% is to be borne by the licensee. So far, 19,998 Nos. 5 HP & 111 Nos. 3 HP solar pumpsets were commissioned at the end of September, 2019.
- Agreement entered with M/s EESL, New Delhi for 65,000 Nos. replacement of existing old inefficient pump sets with ISI pump sets and 51877 Nos. 5HP old pumpsets were replaced with energy efficient pump sets till September, 2019.
- HVDS: The APSPDCL has taken to convert existing LT network in to HVDS for all agricultural connections. Majority of services in the districts of Vijayawada, Guntur, Prakasam, Nellore, Tirupati and Kadapa are already provided supply with HVDS. Works are in progress in all the districts of the licensee to provide HVDS to all agricultural connections.

f) **Factors for increased agricultural sales :**

The following factors are expected for the increased agricultural sales in the licensee area.

- Releasing of agricultural services in large number due to increasing demand for new services.
- Due to increase in rainfall during the current year, ground water level increased for the FY 2019-20, Hence the agricultural consumption will be increased in H2 of FY 2019-20 & FY 2020-21.

g) **Sales estimates with ISI methodology :**

The agricultural sales estimations are being done with ISI methodology for all the circles

h) **Sales estimation : Actuals for FY 2018-19, FY 2019-20 (H1) and projections for FY 2019-20 (H2) and FY 2020-21.**

- (i) Based on the methods as explained above, the actual sales are considered for FY 2018-19 and FY 2019-20 (H1).
- (ii) For FY 2019-20 (H2) and FY 2020-21, sales projections are made based on the historical sales, considering new services released / to be released and anticipated seasonal changes.
- (iii) The agricultural demand met through Off-Grid Solar pumpsets (Around 151 MUs) is not considered in the sales projections as the same are not connected to Grid.
- (iv) The actual sales estimated and projections made as discussed in the above paras are furnished in the below tables:

S.No	Circle	Actuals (FY 2018-19)											Total	
		Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Jan-19	Feb-19		Mar-19
1	Vijayawada	65.74	60.05	4.97	15.04	21.99	70.84	92.23	40.97	12.10	46.69	59.91	131.99	622.52
2	Guntur	57.64	49.16	23.06	29.85	52.41	71.70	76.74	53.58	21.83	37.49	64.38	131.84	669.68
3	Ongole	62.31	64.61	44.76	57.01	59.21	75.87	97.29	73.50	69.37	73.35	61.94	98.08	837.30
4	Nellore	70.11	82.15	61.64	92.83	71.67	39.21	49.06	31.58	57.31	86.73	86.68	109.77	838.74
5	Tirupati	219.05	166.14	137.81	173.26	195.45	134.41	124.91	105.39	136.73	163.95	175.59	255.98	1988.68
6	Kadapa	136.20	118.52	109.34	131.43	129.54	123.49	133.80	109.99	109.17	134.82	135.13	199.14	1570.55
7	Anantapur	201.95	142.04	120.99	181.36	201.29	178.74	196.36	197.69	177.69	179.75	185.72	273.40	2236.98
8	Kurnool	73.31	54.27	60.57	67.98	96.88	91.89	121.82	104.12	87.99	87.34	93.79	128.08	1068.04
APSPDCL		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

S.No	Circle	Actuals (H1 FY 2019-20) + LR						Projections (H2 FY 2019-20)						Total
		Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Jan-20	Feb-20	Mar-20	
1	Vijayawada	70.01	92.87	12.77	16.20	29.36	12.44	96.34	42.19	12.46	48.08	61.77	136.46	630.94
2	Guntur	51.06	68.65	1.13	14.66	42.35	37.14	80.16	55.17	22.48	38.60	66.37	136.30	614.06
3	Ongole	58.15	83.63	45.33	34.35	56.77	43.62	101.62	75.68	71.43	75.53	63.86	101.40	811.37
4	Nellore	63.30	101.18	85.78	60.74	62.33	26.36	51.24	32.52	59.01	89.31	89.37	113.49	834.63
5	Tirupati	183.77	213.51	143.07	125.48	115.94	74.05	130.48	108.51	140.78	168.82	181.04	264.64	1850.09
6	Kadapa	150.65	156.27	117.37	124.11	107.07	101.06	139.76	113.25	112.40	138.82	139.33	205.88	1605.96
7	Anantapur	181.18	175.96	149.67	185.51	172.63	194.99	205.10	203.56	182.96	185.10	191.48	282.66	2310.78
8	Kurnool	64.95	55.05	50.02	78.11	45.39	61.42	127.24	107.21	90.60	89.93	96.70	132.41	999.05
APSPDCL		823.08	947.12	605.12	639.15	631.83	551.07	931.94	738.09	692.12	834.19	889.93	1373.24	9656.87

S.No	Circle	Projections (FY 2020-21)											Total	
		Apr-20	May-20	Jun-20	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20	Jan-21	Feb-21		Mar-21
1	Vijayawada	73.52	97.51	13.40	17.01	30.83	13.07	101.15	44.30	13.09	50.48	64.85	143.28	662.49
2	Guntur	53.61	72.08	1.19	15.39	44.46	39.00	84.17	57.93	23.60	40.53	69.69	143.12	644.76
3	Ongole	61.06	87.81	47.59	36.07	59.61	45.80	106.70	79.47	75.00	79.30	67.06	106.47	851.94
4	Nellore	66.47	106.24	90.06	63.77	65.45	27.68	53.81	34.14	61.96	93.77	93.84	119.16	876.36
5	Tirupati	192.96	224.19	150.22	131.76	121.73	77.75	137.00	113.94	147.82	177.27	190.09	277.87	1942.60
6	Kadapa	158.19	164.08	123.23	130.32	112.42	106.11	146.74	118.91	118.02	145.76	146.29	216.17	1686.26
7	Anantapur	190.24	184.75	157.15	194.78	181.26	204.74	215.36	213.74	192.11	194.35	201.05	296.79	2426.31
8	Kurnool	68.20	57.81	52.52	82.01	47.66	64.49	133.61	112.57	95.13	94.43	101.54	139.03	1049.00
APSPDCL		864.23	994.48	635.37	671.11	663.42	578.63	978.53	775.00	726.72	875.90	934.42	1441.91	10139.72

The above sales are inclusive of paying category services.

The following issues were considered while projecting agricultural consumption for FY 2019-20 and for the next year FY 2020-21:

- The consumption of power by the category is 9832.49 MU in 2018-19 consisting of 4549.73 MU in the first half and 5282.76 MU in the second half of the year.
- While the consumption during 2018-19 H2 is higher than that of H1, the same trend is expected to continue in second half of 2019-20. The Agricultural consumption during H2 of 2019-20 is expected to be higher than H1 (4127.11 MU) and is estimated at 5459.50 MU and total for FY 2019-20 is 9586.61 MU.
- Growth in agriculture restricted sales are linked to the growth rate in agriculture connections as mentioned above. The licensee is projecting 5.76% growth in sales for FY 2020-21 over the total sales for FY 2019-20. The licensee is confident that the growth-rate projected would take care of the increase in specific consumption, consumption increase because of new services to be released in FY 2020-21.

LT Cat-V	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21
	Actuals					Projections	
MUs	8392.94	9068.74	10048.45	9732.11	11118.49	11104.80	11744.73
% Growth		8.05%	10.80%	-3.15%	14.25%	-0.12%	5.76%

The licensee has assumed 9 hours of supply to agricultural consumers, in its projections, considering the present power supply situation in the state.

6.1.3 Temporary Supply

The consumption of power by the category is 1.32 MU in FY 2018-19 consisting of 0.66 MU in the first half and 0.66 MU in the second half of the year. The sales projected for FY 2019-20 is 0.66 MU (H1 : 0, H2 : 0.66) and for FY 2020-21 is 0.73 MU.

Temporary	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21
	Actuals					Projections	
MUs	23.59	0.72	1.47	1.26	1.32	0.66	0.73
% Growth		-96.94%	104.04%	-14.42%	4.70%	-49.84%	10.00%

6.1.4 HT sales forecast

Details of the trends envisaged for key categories are discussed in the following sections.

6.1.4.1 HT Cat-I – Domestic

The consumption of power by the HT Domestic category is 26.43 MU in FY 2018-19 consisting of 14.13 MU in the first half and 12.29 MU in the second half of the year. The sales projected for FY 2019-20 is 23.44 MU (H1 : 10.28, H2 : 13.15) and for FY 2020-21 is 23.67 MU.

HT Cat-I	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21
	Actuals					Projections	
11 KV	36.00	39.89	32.89	22.78	22.66	20.30	20.51
33 KV	1.62	2.25	1.87	3.05	3.76	3.13	3.16
132 KV	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total Sales	37.62	42.14	34.76	25.83	26.43	23.44	23.67
% Growth		12.01%	-17.51%	-25.69%	2.30%	-11.33%	1.00%

6.1.4.2 HT Cat-II: Commercial & Others

The consumption of power by the HT Commercial & Others category was 869.10 MU in the FY 2018-19 consisting of 449.81 MU in the first half and 419.29 MU in the second half of the year. The sales projected for FY 2019-20 is 1176.24 MU (H1 : 572.32, H2 : 603.91) and for FY 2020-21 is 1206.34 MU.

HT Cat-II	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21
	Actuals					Projections	
11 KV	482.00	573.32	596.98	655.59	684.04	1006.75	1034.90
33 KV	81.36	114.93	115.00	101.15	135.52	126.34	130.90
132 KV	17.80	26.75	28.90	41.48	49.54	43.15	40.54
Total Sales	581.17	715.00	740.88	798.22	869.10	1176.24	1206.34
% Growth		23.03%	3.62%	7.74%	8.88%	35.34%	2.56%

6.1.4.3 HT III: Industrial

The consumption of power by the HT Industrial category was 7483.89MU in the FY 2018-19 consisting of 3651.56 MU in the first half and 3832.33 MU in the second half of the year. The sales projected for FY 2019-20 is 7425.05 MU (H1 : 3523.71, H2 : 3901.34) and for FY 2020-21 is 7633.38 MU.

HT Cat-III	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21
	Actuals					Projections	
11 KV	1469.52	1362.77	1394.37	1266.92	1372.45	1376.02	1389.39
33 KV	3251.29	3437.74	3069.30	2685.76	3370.02	3530.66	3595.66
132 KV	2504.68	2705.00	2360.62	2844.53	2741.42	2518.38	2648.34
Total Sales	7225.49	7505.51	6824.29	6797.21	7483.89	7425.05	7633.38
% Growth		3.88%	-9.08%	-0.40%	10.10%	-0.79%	2.81%

6.1.4.4 HT Cat-IV ; Institutional

The consumption of power by the HT Institutional category was 961.79 MU in the FY 2018-19 consisting of 490.23 MU in the first half and 471.55 MU in the second half of the year. The sales projected for FY 2019-20 is 968.03 MU (H1:483.23, H2:484.81) and for FY 2020-21 is 1016.66 MU

HT Cat-IV	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21
	Actuals					Projections	
11 KV	18.60	2.91	5.84	77.74	54.27	54.38	55.63
33 KV	15.25	0.00	7.20	98.21	88.87	91.06	93.53
132 KV	751.67	692.74	649.67	739.61	818.64	822.59	867.50
Total Sales	785.52	695.65	662.71	915.56	961.79	968.03	1016.66
% Growth		-11.44%	-4.74%	38.16%	5.05%	0.65%	5.02%

6.1.4.5 HT Cat-V: Agriculture & Related

The consumption of power by the HT Lift Irrigation & CPWS category is 1465.71 MU in FY 2018-19 consisting of 422.78 MU in the first half and 1042.93 MU in the second half of the year. The sales projected for FY 2019-20 is 1832.95 MU (H1 : 513.95, H2 : 1319) and for FY 2020-21 is 1955.83 MU.

HT Cat-V	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21
	Actuals					Projections	
11 KV	139.56	73.42	212.24	87.68	131.45	161.22	178.06
33 KV	63.43	75.43	113.33	60.28	157.14	229.52	263.44
132 KV	328.13	187.51	746.87	842.66	1177.12	1442.21	1514.32
Total Sales	531.13	336.36	1072.45	990.63	1465.71	1832.95	1955.83
% Growth		-36.67%	218.84%	-7.63%	47.96%	25.06%	6.70%

The Licensee has collected the likely commissioning dates of the upcoming lift irrigation schemes in consultation with Chief Engineer / Lift irrigation / APTransco and projected the sales for H2 of FY2019-20 (Oct'19 to Mar'20) & FY 2020-21. In APSPDCL, the following are major State Government Lift Irrigation schemes are expected to be operational.

Projected sales for upcoming LI schemes for the FY 2019-20													
S.No	Name of the Major Lift Irrigation scheme	District	No. of Days to be Operated in a Year	No. of Hrs to be Operated in a Day	CMD (MVA)	Voltage	Oct-19	Nov-19	Dec-19	Jan-20	Feb-20	Mar-20	Total
1	Handrineeva Sujala Sravanthi LIS Phase-II Extn. At Musalikinta 132/6.6 KV (EPC)	Chittoor	120	16	23.00	132/11KV	11.04	11.04	11.04	11.04			44.16
2	132/33 KV Kalicherla SS	Chittoor	120	16	25.90	132/33KV	12.43	12.43	12.43	12.43			49.73

Projected sales for upcoming LI schemes for the FY 2020-21													
S.No	Name of the Major Lift Irrigation scheme	District	No. of Days to be Operated in a Year	No. of Hrs to be Operated in a Day	CMD (MVA)	Voltage	Oct-20	Nov-20	Dec-20	Jan-21	Feb-21	Mar-21	Total
- NIL -													

6.1.4.6 HT Temporary :

The consumption of power by this category was 2.33 MU in FY 2018-19 consisting of 1.36 MU in the first half and 0.97 MU in the second half of the year. The sales projected for FY 2019-20 is 1.00 (H1 : 0, H2 : 1.00) and for FY 2020-21 is 1.10 MU.

Temporary	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21
	Actuals				Projections		
11 KV	0.91	0.00	0.07	0.48	2.33	1.00	1.10
% Growth		-100.00%	#DIV/0!	586.50%	385.55%	-57.20%	10.00%

6.1.4.7 RESCOs

The consumption of power by this category was 462.59 MU in FY 2018-19 consisting of 225.59 MU in the first half and 237 MU in the second half of the year. The sales projected for FY 2019-20 is 459.85 MU (H1 : 218.03, H2 : 241.82) and for FY 2020-21 is 512.27 MU.

Resco	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21
	Actuals				Projections		
11 KV	284.31	298.45	413.14	368.72	462.59	459.85	512.27
% Growth		4.97%	38.43%	-10.75%	25.46%	-0.59%	11.40%

Sales Forecast category wise and Voltage level wise (Form – 3) Sales in MU

Category	2014-15	2015-16	2016-17	2017-18	2018-19
	Actuals				
LT Category	17262.87	19119.26	20986.20	21438.36	23617.08
Domestic	5946.78	6953.98	7598.85	8167.04	8672.82
Non-domestic/Commercial	1314.61	1550.90	1655.76	1750.48	1907.34
Industrial	1380.24	1466.13	1686.22	2037.91	2303.37
Cottage Industries, Dhobighats & Others	32.32	36.65	39.94	40.43	44.29
Irrig & Agriculture	8006.78	8482.33	9269.50	8640.19	9832.49
Local Bodies, St. Lighting & PWS	489.42	539.94	638.57	699.86	745.64
General Purpose	77.14	88.61	95.89	101.19	109.81
Temporary Supply	15.57	0.72	1.47	1.26	1.32
HT Category at 11 kv	2343.35	2350.76	2655.53	2479.92	2729.79
HT I (A): General	1146.52	998.74	1080.90	1034.79	471.87
Lights and Fans	31.67	104.47	66.51	17.71	35.00
Industrial Colonies	2.50	2.55	1.95	2.08	1.71
Seasonal Industries	59.05	39.91	45.07	28.29	3.96
Time of Day Tariffs Peak (6 AM to 10 AM & 6 PM to 10 PM)	175.69	217.10	199.47	183.48	445.05
Time of Day Tariffs Off Peak (10 PM to 6 AM)	0.00	0.00	0.00	0.00	412.59
HT I (B): Energy Intensive Industries	0.00	0.00	0.46	0.58	2.26
HT I (C): Aquaculture and Animal Husbandry	0.00	0.00	21.74	27.93	34.52
HT I (D): Poultry Hatcheries abd Poultry Feed Mixing Plants	0.00	0.00	23.38	19.72	40.70
HT II: Others	377.31	461.94	456.02	500.82	501.49
Time of Day Tariffs (6 PM to 10 PM)	78.31	89.44	90.73	101.19	131.38
HT II (B): Religious Places	0.00	0.00	3.96	5.10	5.98
HT II (C): Function Halls/Auditoriums	0.00	0.00	5.06	6.12	8.90
HT II (E): Electric Vehicles (Evs) / Charging stations	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
Time of Day Tariffs Off Peak (10 PM to 6 AM)	0.00	0.00	0.00	0.00	0.00
HT II (F) : Start up power	0.00	0.00	0.00	0.00	0.21
HT III: Public Infrastructure and Tourism	14.59	18.64	37.24	39.86	34.08
Time of Day Tariffs (6 PM to 10 PM)	3.28	3.30	7.94	7.61	7.96
HT IV Government LIS	88.38	18.52	59.80	40.04	56.22
HT IV Private Irrigation and Agriculture	23.95	54.90	107.32	0.00	0.00
HT IV CPWS	24.75	2.91	1.88	72.65	48.29
HT VI: Townships & Residential Colonies	33.04	39.89	32.89	22.78	22.66
HT VII: Green Power	0.00	0.00	0.00	0.00	0.02
HT VIII: Temporary	0.00	0.00	0.07	0.48	2.33
Category: RESCOs	284.31	298.45	413.14	368.72	462.59
HT Category at 33 kv	3264.72	3630.35	3306.71	2948.46	3755.32
HT I (A): General	2405.91	2687.13	2350.79	2069.93	1034.14
Lights and Fans	32.09	47.52	38.85	20.47	30.64
Industrial Colonies	11.20	12.29	9.87	4.72	10.83
Seasonal Industries	45.39	41.30	23.05	8.85	0.86
Time of Day Tariffs Peak (6 AM to 10 AM & 6 PM to 10 PM)	393.86	544.51	463.48	360.65	1030.61
Time of Day Tariffs Off Peak (10 PM to 6 AM)	0.00	0.00	0.00	0.00	1010.64
HT I (B): Energy Intensive Industries	230.75	105.00	183.26	221.14	252.30
HT I (C): Aquaculture and Animal Husbandry	0.00	0.00	7.04	0.00	0.00
HT I (D): Poultry Hatcheries abd Poultry Feed Mixing Plants	0.00	0.00	11.37	7.63	70.83
HT II: Others	67.62	95.67	92.68	66.27	83.51

Category	2014-15	2015-16	2016-17	2017-18	2018-19
	Actuals				
Time of Day Tariffs (6 PM to 10 PM)	13.32	19.26	18.43	18.68	25.89
HT II (B): Religious Places	0.00	0.00	7.20	26.87	29.01
HT II (C): Function Halls/Auditoriums	0.00	0.00	0.00	7.73	0.11
HT II (E): Electric Vehicles (Evs) / Charging stations	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
Time of Day Tariffs Off Peak (10 PM to 6 AM)	0.00	0.00	0.00	0.00	0.00
HT II (F) : Start up power	0.00	0.00	0.00	0.00	17.37
HT III: Public Infrastructure and Tourism	0.00	0.00	3.17	6.97	6.77
Time of Day Tariffs (6 PM to 10 PM)	0.00	0.00	0.71	1.50	1.87
HT IV Government LIS	37.70	23.15	42.57	52.66	86.31
HT IV Private Irrigation and Agriculture	10.20	52.28	52.35	0.00	0.00
HT IV CPWS	15.25	0.00	0.00	71.34	59.86
HT VI: Townships & Residential Colonies	1.44	2.25	1.87	3.05	3.76
HT VII: Green Power	0.00	0.00	0.00	0.00	0.00
HT VIII: Temporary	0.00	0.00	0.00	0.00	0.00
Category: RESCOs	0.00	0.00	0.00	0.00	0.00
HT Category at 132 kv	3490.59	3612.00	3786.06	4468.28	4786.72
HT I (A): General	1914.08	2126.19	1828.51	2261.42	864.08
Lights and Fans	15.41	25.74	15.28	46.19	14.63
Industrial Colonies	12.38	14.52	11.00	11.81	12.95
Seasonal Industries	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)	317.23	407.14	388.07	385.55	840.39
Time of Day Tariffs Off Peak (10 PM to 6 AM)	0.00	0.00	0.00	0.00	900.70
HT I (B): Energy Intensive Industries	138.77	131.41	117.76	139.56	108.68
HT I (C) : Aquaculture and Animal Husbandry	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
HT II: Others	14.25	22.93	24.65	32.83	37.52
Time of Day Tariffs (6 PM to 10 PM)	2.50	3.82	4.25	6.22	8.41
HT II (B): Religious Places	0.00	0.00	0.00	0.00	0.00
HT II (C) : Function Halls / Auditoriums	0.00	0.00	0.00	2.43	0.00
HT II (E): Electric Vehicles (Evs) / Charging stations	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
Time of Day Tariffs Off Peak (10 PM to 6 AM)	0.00	0.00	0.00	0.00	0.00
HT II (F) : Start up power	0.00	0.00	0.00	0.00	3.62
HT III: Public Infrastructure and Tourism	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
HT IV Government LIS	328.13	187.51	746.87	842.66	1177.12
HT IV Agriculture	0.00	0.00	0.00	0.00	0.00
HT IV CPWS	0.00	0.00	0.00	0.00	0.00
HT V: Railway Traction	747.84	692.74	649.67	739.61	818.64
HT VI: Townships & Residential Colonies	0.00	0.00	0.00	0.00	0.00
HT VII: Green Power	0.00	0.00	0.00	0.00	0.00
HT VIII: Temporary	0.00	0.00	0.00	0.00	0.00
Category: RESCOs	0.00	0.00	0.00	0.00	0.00
Total (LT + HT)	26361.53	28712.37	30734.50	31335.03	34888.91
YoY Growth (%)		8.92%	7.04%	1.95%	11.34%

Sales projections for FY 2019-20 & FY 2020-21

Category	2019-20	2020-21
	Projection	
LT Category	24875.45	26444.58
Domestic	9733.91	10445.84
Commercial & Others	2067.07	2223.30
Industry	1060.73	1073.35
Institutional	908.29	956.63
Agriculture & Related	11104.80	11744.73
Temporary	0.66	0.73
HT Category at 11 KV	3079.52	3191.86
HT I (B): Townships & Residential Colonies	20.30	20.51
HT II (A) : Commercial	829.72	853.09
Time of Day Tariffs (6 PM to 10 PM)	125.68	126.94
HT II (B) : Public Infrastructure and Tourism	39.25	43.18
Time of Day Tariffs (6 PM to 10 PM)	3.81	3.24
HT II (D) : Function Halls / Auditoriums	8.17	8.33
HT II (D) : Start up power	0.11	0.13
HT II (E): Electric Vehicles (Evs) / Charging stations	0.00	0.00
HT II (F) : Green Power	0.00	0.00
HT III (A): Industry	498.28	500.77
Time of Day Tariffs Peak (6 AM to 10 AM & 6 PM to 10 PM)	448.24	450.48
Time of Day Tariffs Off Peak (10 PM to 6 AM)	422.27	430.71
Industrial Colonies	1.59	1.67
HT III (B): Seasonal Industries	3.73	3.80
HT III (C): Energy Intensive Industries	1.91	1.95
HT IV (B): CPWS / PWS Scheme	46.28	47.20
HT IV (E): Religious Places	8.11	8.43
HT IV (F) : Railway Traction	0.00	0.00
HT V (C) : Aquaculture and Animal Husbandry	39.05	44.16
HT V (D) : Poultry Hatcheries and Poultry Feed Mixing Plants	67.17	77.25
HT V (F) : Government / Pvt. LIS	55.00	56.65
HT Temporary supply	1.00	1.10
RESCOs	459.85	512.27
HT Category at 33 KV	3980.71	4086.69
HT I (B): Townships & Residential Colonies	3.13	3.16
HT II (A) : Commercial	81.72	83.35
Time of Day Tariffs (6 PM to 10 PM)	22.41	22.86
HT II (B) : Public Infrastructure and Tourism	8.40	9.91
Time of Day Tariffs (6 PM to 10 PM)	0.39	0.32
HT II (D) : Function Halls / Auditoriums	7.50	8.25
HT II (D) : Start up power	5.83	6.12
HT II (E): Electric Vehicles (Evs) / Charging stations	0.00	0.00
HT II (F) : Green Power	0.10	0.10
HT III (A): Industry	1168.74	1223.80
Time of Day Tariffs Peak (6 AM to 10 AM & 6 PM to 10 PM)	1066.48	1071.82

Category	2019-20	2020-21
	Projection	
Time of Day Tariffs Off Peak (10 PM to 6 AM)	1072.26	1093.70
Industrial Colonies	10.14	10.34
HT III (B): Seasonal Industries	0.73	0.67
HT III (C): Energy Intensive Industries	212.31	195.32
HT IV (B): CPWS / PWS Scheme	58.89	60.06
HT IV (E): Religious Places	32.18	33.47
HT IV (F) : Railway Traction	0.00	0.00
HT V (C) : Aquaculture and Animal Husbandry	0.00	0.00
HT V (D) : Poultry Hatcheries and Poultry Feed Mixing Plants	122.89	153.61
HT V (F) : Government / Pvt. LIS	106.63	109.83
HT Temporary supply	0.00	0.00
RESCOs	0.00	0.00
HT Category at 132 KV	4826.32	5070.70
HT I (B): Townships & Residential Colonies	0.00	0.00
HT II (A) : Commercial	32.79	30.82
Time of Day Tariffs (6 PM to 10 PM)	7.25	6.82
HT II (B) : Public Infrastructure and Tourism	0.00	0.00
Time of Day Tariffs (6 PM to 10 PM)	0.00	0.00
HT II (D) : Function Halls / Auditoriums	2.06	2.06
HT II (D) : Start up power	1.05	0.84
HT II (E): Electric Vehicles (Evs) / Charging stations	0.00	0.00
HT II (F) : Green Power	0.00	0.00
HT III (A): Industry	769.45	886.81
Time of Day Tariffs Peak (6 AM to 10 AM & 6 PM to 10 PM)	803.81	807.83
Time of Day Tariffs Off Peak (10 PM to 6 AM)	845.99	862.91
Industrial Colonies	13.15	13.42
HT III (B): Seasonal Industries	0.00	0.00
HT III (C): Energy Intensive Industries	85.96	77.36
HT IV (B): CPWS / PWS Scheme	0.00	0.00
HT IV (E): Religious Places	0.00	0.00
HT IV (F) : Railway Traction	822.59	867.50
HT V (C) : Aquaculture and Animal Husbandry	0.00	0.00
HT V (D) : Poultry Hatcheries and Poultry Feed Mixing Plants	0.00	0.00
HT V (F) : Government / Pvt. LIS	1442.21	1514.32
HT Temporary supply	0.00	0.00
RESCOs	0.00	0.00
Grand Total (LT+HT)	36762.01	38793.83
% Growth rate	5.37%	5.53%

6.2 Revenue from Current Tariffs

The computation of revenue at current tariff for FY 2019-20 and FY 2020-21 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 2019-20 & FY 2020-21. Additional demand due to additional load has been added to arrive at final demand for the year FY 2019-20 & FY 2020-21.

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 2019-20 is expected to be Rs.16333.43 Cr, while that for FY 2020-21 is expected to be Rs. 17269.61 Cr. The NTI for FY 2019-20 is Rs. 943.45 Crs., while for FY 2020-21 NTI is Rs.990.62 crores. The table below provides the category-wise revenue for FY 2019-20 and FY 2020-21:

Category-wise revenue (Excl. NTI) (Form-5)		(Rs. Crores)	
Category	2019-20	2020-21	
LT Category	7892.47	8497.03	
Domestic	3820.43	4168.31	
Commercial & Others	2109.30	2266.33	
Industry	790.72	799.47	
Institutional	558.32	587.17	
Agriculture & Related	613.01	675.75	
Temporary	0.70	0.00	
HT Category at 11 kv	2570.82	2620.76	
HT I (B): Townships & Residential Colonies	13.63	13.76	
HT II (A) : Commercial	950.46	971.11	
Time of Day Tariffs (6 PM to 10 PM)	108.71	109.80	
HT II (B) : Public Infrastructure and Tourism	38.72	42.66	
Time of Day Tariffs (6 PM to 10 PM)	3.16	2.69	
HT II (D) : Function Halls / Auditoriums / Start-up power	9.79	10.13	
HT II (E): Electric Vehicles (Evs) / Charging stations	0.00	0.00	
HT II (F) : Green Power	0.00	0.00	
HT III (A): Industry	739.51	743.23	
Time of Day Tariffs Peak (6 AM to 10 AM & 6 PM to 10 PM)	327.21	328.85	
Time of Day Tariffs Off Peak (10 PM to 6 AM)	223.80	228.28	
Industrial Colonies	1.00	1.06	
HT III (B): Seasonal Industries	2.90	2.96	
HT III (C): Energy Intensive Industries	1.11	1.13	
HT IV (B): CPWS / PWS Scheme	22.62	23.07	
HT IV (E): Religious Places	4.25	4.42	
HT IV (F) : Railway Traction	0.00	0.00	
HT V (C) : Aquaculture and Animal Husbandry	15.99	18.09	
HT V (D) : Poultry Hatcheries and Poultry Feed Mixing Plants	57.01	65.52	
HT V (F) : Government / Pvt. LIS	32.53	33.50	
HT Temporary supply	0.01	0.01	
RESCOs	18.40	20.49	
HT Category at 33 kv	2885.90	2984.66	
HT I (B): Townships & Residential Colonies	2.22	2.24	
HT II (A) : Commercial	86.09	87.71	
Time of Day Tariffs (6 PM to 10 PM)	17.82	18.17	
HT II (B) : Public Infrastructure and Tourism	8.03	9.65	
Time of Day Tariffs (6 PM to 10 PM)	0.30	0.24	
HT II (D) : Function Halls / Auditoriums / Start-up power	8.82	17.23	
HT II (E): Electric Vehicles (Evs) / Charging stations	0.00	0.00	

Category	2019-20	2020-21
HT II (F) : Green Power	0.11	0.11
HT III (A): Industry	1197.22	1253.56
Time of Day Tariffs Peak (6 AM to 10 AM & 6 PM to 10 PM)	730.54	734.19
Time of Day Tariffs Off Peak (10 PM to 6 AM)	520.05	530.45
Industrial Colonies	6.39	6.52
HT III (B): Seasonal Industries	0.51	0.47
HT III (C): Energy Intensive Industries	113.61	104.52
HT IV (B): CPWS / PWS Scheme	28.63	29.20
HT IV (E): Religious Places	16.34	16.99
HT IV (F) : Railway Traction	0.00	0.00
HT V (C) : Aquaculture and Animal Husbandry	0.00	0.00
HT V (D) : Poultry Hatcheries and Poultry Feed Mixing Plants	87.17	109.49
HT V (F) : Government / Pvt. LIS	62.06	63.92
HT Temporary supply	0.00	0.00
RESCOs	0.00	0.00
HT Category at 132 kv	2984.23	3167.15
HT I (B): Townships & Residential Colonies	0.00	0.00
HT II (A) : Commercial	29.38	28.06
Time of Day Tariffs (6 PM to 10 PM)	5.58	5.25
HT II (B) : Public Infrastructure and Tourism	0.00	0.00
Time of Day Tariffs (6 PM to 10 PM)	0.00	0.00
HT II (D) : Function Halls / Auditoriums / Start-up power	2.42	3.42
HT II (E): Electric Vehicles (Evs) / Charging stations	0.00	0.00
HT II (F) : Green Power	0.00	0.00
HT III (A): Industry	723.68	833.28
Time of Day Tariffs Peak (6 AM to 10 AM & 6 PM to 10 PM)	514.44	517.01
Time of Day Tariffs Off Peak (10 PM to 6 AM)	372.24	379.68
Industrial Colonies	8.29	8.45
HT III (B): Seasonal Industries	0.00	0.00
HT III (C): Energy Intensive Industries	42.55	38.30
HT IV (B): CPWS / PWS Scheme	0.00	0.00
HT IV (E): Religious Places	0.00	0.00
HT IV (F) : Railway Traction	449.06	475.28
HT V (C) : Aquaculture and Animal Husbandry	0.00	0.00
HT V (D) : Poultry Hatcheries and Poultry Feed Mixing Plants	0.00	0.00
HT V (F) : Government / Pvt. LIS	836.59	878.42
HT Temporary supply	0.00	0.00
RESCOs	0.00	0.00
Total (LT + HT)	16333.43	17269.61

6.2.1 Detailed category wise Revenue computation

The detailed category wise computation of revenue is as follows.

6.2.2 Low Tension Categories

6.2.2.1 LT I: Domestic Category

The revenue at current tariff is projected. Estimated revenue for FY 2019-20 & FY 2020-21 are submitted below:

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)
2019-20	3390.43	0.00	70.18	359.81	0.00	3820.43
2020-21	3713.59	0.00	72.41	382.30	0.00	4168.31

Based on the above the total revenue estimate for the category is Rs. 3820.43 Crores for FY 2019-20 and Rs.4168.31 Crores for FY 2020-21.

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)
2019-20	1877.64	178.55	16.42	36.68	0.00	2109.30
2020-21	2019.65	190.79	16.83	39.06	0.00	2266.33

Based on the above the total revenue estimate for the category is Rs.2109.30 Crores for FY 2019-20 and Rs.2266.33 Crores for FY 2020-21.

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)
2019-20	696.93	89.36	0.00	4.42	0.00	790.72
2020-21	704.66	90.30	0.00	4.51	0.00	799.47

Based on the above the total revenue estimate for the category is Rs.790.72 Crores for FY 2019-20 and Rs.799.47 Crores for FY 2020-21.

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)
2019-20	505.50	43.57	1.44	7.81	0.00	558.32
2020-21	531.54	45.88	1.53	8.22	0.00	587.17

The total revenue estimate for the category is Rs 558.32 Crores for FY 2019-20 and Rs.587.17 Crores for FY 2020-21.

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)
2019-20	556.91	0.00	0.00	56.11	0.00	613.01
2020-21	617.36	0.00	0.00	58.39	0.00	675.75

Based on the above computations the gross revenue from agricultural category is Rs.613.01 Crores for FY 2019-20 and Rs.675.75 Crores for FY 2020-21.

6.2.2.6 Temporary supply 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)
2019-20	0.70	0.00	0.00	0.00	0.00	0.70
2020-21	0.00	0.00	0.00	0.00	0.00	0.00

The total revenue estimate for the category is Rs.0.70 Crores for FY 2019-20 and Rs.0.00 Crores for FY 2020-21.

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)
2019-20						
11 KV	12.79	0.77	0.00	0.07	0.00	13.63
33 KV	1.97	0.22	0.00	0.02	0.00	2.22
132 KV	0.00	0.00	0.00	0.00	0.00	0.00
Total	14.76	0.99	0.00	0.09	0.00	15.85
2020-21						
11 KV	12.92	0.77	0.00	0.07	0.00	13.76
33 KV	1.99	0.22	0.00	0.02	0.00	2.24
132 KV	0.00	0.00	0.00	0.00	0.00	0.00
Total	14.91	0.99	0.00	0.09	0.00	15.99

Based on the above the total revenue estimate for the category is Rs.15.85 Crores for FY 2019-20 and Rs.15.99 Crores for FY 2020-21.

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)
2019-20						
11 KV	784.87	320.70	0.00	5.27	0.00	1110.84
33 KV	89.42	31.53	0.00	0.22	0.00	121.17
132 KV	29.97	7.41	0.00	0.00	0.00	37.39
Total	904.26	359.64	0.00	5.50	0.00	1269.40
2020-21						
11 KV	806.56	324.40	0.00	5.44	0.00	1136.40
33 KV	99.93	32.61	0.00	0.57	0.00	133.11
132 KV	29.30	7.41	0.00	0.02	0.00	36.73
Total	935.79	364.42	0.00	6.02	0.00	1306.24

Based on the above consumption the total revenue estimate for the category is Rs.1269.40 Crores for FY 2019-20 and Rs.1306.24 Crores for FY 2020-21.

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)
2019-20						
11 KV	869.90	420.25	0.00	5.39	0.00	1295.54
33 KV	2054.78	512.21	0.00	1.33	0.00	2568.32
132 KV	1353.02	308.04	0.00	0.14	0.00	1661.20
Total	4277.69	1240.50	0.00	6.86	0.00	5525.05
2020-21						
11 KV	877.71	422.37	0.00	5.42	0.00	1305.50
33 KV	2092.04	536.28	0.00	1.38	0.00	2629.71
132 KV	1422.32	354.24	0.00	0.16	0.00	1776.72
Total	4392.07	1312.90	0.00	6.96	0.00	5711.94

Based on the above consumption the total revenue estimate for the category is Rs.5525.05 Crores for FY 2019-20 and Rs.5711.94 Crores for FY 2020-21.

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)
2019-20						
11 KV	26.50	0.16	0.00	0.21	0.00	26.87
33 KV	44.65	0.25	0.00	0.07	0.00	44.97
132 KV	308.47	140.49	0.00	0.10	0.00	449.06
Total	379.62	140.90	0.00	0.38	0.00	520.91
2020-21						
11 KV	27.11	0.17	0.00	0.22	0.00	27.50
33 KV	45.86	0.25	0.00	0.07	0.00	46.19
132 KV	325.31	149.86	0.00	0.11	0.00	475.28
Total	398.29	150.28	0.00	0.40	0.00	548.96

The total revenue estimate for the category is Rs.520.91 Crores for FY 2019-20 and Rs.548.96 Crores for FY 2020-21.

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)
2019-20						
11 KV	79.51	25.01	0.00	1.01	0.00	105.53
33 KV	121.45	27.48	0.00	0.30	0.00	149.23
132 KV	836.48	0.00	0.00	0.11	0.00	836.59
Total	1037.44	52.49	0.00	1.43	0.00	1091.35
2020-21						
11 KV	87.33	28.70	0.00	1.09	0.00	117.11
33 KV	138.20	34.88	0.00	0.33	0.00	173.42
132 KV	878.31	0.00	0.00	0.11	0.00	878.42
Total	1103.84	63.58	0.00	1.54	0.00	1168.95

The total revenue estimate for the category is Rs 1091.35 Crores for FY 2019-20 and Rs.1168.95 Crores for FY 2020-21.

6.2.3.6 Temporary : The expected revenue for H2 FY 2018-19 & FY 2019-20 are insignificant.

6.2.3.7 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)
2019-20	18.39	0.00	0.00	0.00	0.00	18.40
2020-21	20.49	0.00	0.00	0.00	0.00	20.49

The total revenue estimate for the category is Rs 18.40 Crores for FY 2019-20 and Rs.20.49 Crores for FY 2020-21.

7 Average Revenue Realized vs Average CoS break up for APSPDCL in FY 2020-21

Average Revenue Realized vs Average CoS break up for APSPDCL in FY 2020-21

- Average Revenue Realisation (ARR) for FY 2020-21 through proposed tariffs is Rs.4.94/kWh
- Average Cost of Supply (CoS) for APSPDCL - Rs. 7.36/kWh
- Average CoS break-up (per unit of Sales) for APSPDCL is as follows:-

Particulars	FY 2019-20 Approved (Rs./Unit)	FY 2019-20 Projected(Rs./Unit)	FY 2020-21 Projected (Rs./Unit)
Power Purchase cost	4.04	4.94	4.91
T&D Loss Cost	0.48	0.61	0.61
Network Cost	1.55	1.54	1.72
Other Cost	0.11	0.09	0.11
Cost of Service	6.18	7.18	7.36

- The estimated revenue gap for the licensee for FY 2020-21 is as follows:

S.No.	Particulars	FY 2020-21
A	Total Revenue at current tariffs	18,247.33
B	Aggregate Revenue Requirement (Rs. Crs.)	28,548.51
C = A - B	Revenue (Deficit) / Surplus at Current Tariffs (Rs. Crs.)	(10,301.18)

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 2018-2019					
1	213/2017-18	Kurnool	28-08-2018	Rs.4,000 /-	Compensation for 40 days @ Rs.100/- per day to Rs.4000/-
Compensation awarded for the year 2019-2020 (Upto Sep'19)					
- NIL -					

8.1.2 Details of Electrical Accidents and ex-gratia sanctioned during FY 2018-19 and FY 2019-20 (upto Sep'19):

S. No	Circle	2018-19 (Non-Departmental)				2019-20 (upto Sep'19) (Non-Departmental)			
		Human		Animal		Human		Animal	
		Fatal	Non-fatal	Fatal	Non-fatal	Fatal	Non-fatal	Fatal	Non-fatal
1	Vijayawada	37	9	88	0	33	2	37	0
2	Guntur	41	3	66	0	21	0	21	0
3	Ongole	40	1	88	0	11	0	89	0
4	Nellore	15	8	71	0	4	0	27	0
5	Tirupati	14	3	3	0	8	1	1	0
6	Kadapa	44	9	38	0	22	1	15	0
7	Anantapur	77	9	40	0	51	9	13	0
8	Kurnool	86	24	33	0	49	7	33	0
Total		354	66	427	0	199	20	236	0

Ex-gratia Paid								
Circle	FY 2018-19				FY 2019-20 (upto Sep, 2019)			
	Animal (Nos.)	Amount (Rs.)	Human (Nos.)	Amount (Rs.)	Animal (Nos.)	Amount (Rs.)	Human (Nos.)	Amount (Rs.)
Vijayawada	88	3252000	24	10577206	29	1417000	8	2995333
Guntur	66	2031000	24	9728750	15	650000	10	4272886
Ongole	88	2962000	19	8000000	89	4036500	11	5500000
Nellore	71	1625000	15	6424767	27	1229000	2	100000
Tirupati	3	80000	14	5915244	0	0	8	3428000
Kadapa	38	1164000	26	11710522	8	390000	11	4600000
Anantapur	40	622000	35	14668110	1	40000	24	10018282
Kurnool	33	1263038	26	11037641	15	520000	11	5440827
SPDCL	427	12999038	183	78062240	184	8282500	85	36355328

8.1.3 Replacement of burnt transformers, installation of additional transformers.

S. No	Circle	2018-19			2019-20 (upto Sep'19)		
		Total No. of DTRs Failed	Replacement of failed transformers	Installation of additional transformers	Total No. of DTRs Failed	Replacement of failed transformers	Installation of additional transformers
1	Vijayawada	2607	2607	6964	1329	1329	3849
2	Guntur	3901	3901	4270	2626	2626	2347
3	Ongole	4962	4962	6019	2739	2739	2127
4	Nellore	6347	6347	6553	2781	2781	3227
5	Tirupati	12451	12451	4608	4819	4819	2003
6	Kadapa	7763	7763	4795	4221	4221	1580
7	Anantapur	6017	6017	17086	3256	3256	9573
8	Kurnool	5101	5101	9561	2792	2792	10045
Total		49149	49149	59856	24563	24563	34751

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

Circle	Burnt meters for FY 2018-19											
	Defective as on 01-04-18			Defective during 2018-2019			Replaced during 2018-2019			Defective as on 31-03-2019		
	1 Ph	3 Ph	Total	1 Ph	3 Ph	Total	1 Ph	3 Ph	Total	1 Ph	3Ph	Total
Vijayawada	153	88	241	2224	879	3103	1927	752	2679	108	36	144
Guntur	1155	200	1355	8569	929	9498	9220	1013	10233	504	116	620
CRDA	0	0	0	871	142	1013	708	118	826	163	24	187
Ongole	930	64	994	2944	453	3397	2899	429	3328	975	88	1063
Nellore	92	31	123	3865	1098	4963	3893	1018	4911	64	111	175
Tirupati	272	81	353	3179	854	4033	3179	854	4033	211	27	238
Kadapa	195	32	227	2874	444	3318	2536	399	2935	143	13	156
Anantapur	792	113	905	3466	690	4156	3733	650	4383	525	153	678
Kurnool	407	2	409	6883	1121	8004	6834	1052	7886	456	71	527
Total	3996	611	4607	34875	6610	41485	34929	6285	41214	3149	639	3788

Stuck-up meters for FY 2018-19												
Circle	Defective as on			Defective during			Replaced during			Defective as on 31-03-2019		
	01-04-18			2018-2019			2018-2019			1 Ph	3 Ph	Total
	1 Ph	3 Ph	Total	1 Ph	3 Ph	Total	1 Ph	3 Ph	Total			
Vijayawada	3932	327	4259	46469	3735	50204	45789	3642	49431	3905	279	4184
Guntur	4137	375	4512	47090	3438	50528	48588	3601	52189	2639	212	2851
CRDA	0	0	0	11420	482	11902	10706	382	11088	714	100	814
Ongole	4309	242	4551	32092	1642	33734	31321	1633	32954	5080	251	5331
Nellore	714	158	872	29539	3803	33342	29131	3721	32852	1122	240	1362
Tirupati	2578	133	2711	31292	1825	33117	31292	1825	33117	2444	113	2557
Kadapa	1398	69	1467	23666	1020	24686	20909	877	21786	1359	74	1433
Anantapur	1155	123	1278	35880	1610	37490	36387	1684	38071	648	49	697
Kurnool	2567	23	2590	54128	2102	56230	52997	1972	54969	3698	153	3851
Total	20790	1450	22240	311576	19657	331233	307120	19337	326457	21609	1471	23080

Burnt meters for FY 2019-2020 (upto Sep,2019)												
Circle	Defective as on			Defective during			Replaced during			Defective as on 30-09-2019		
	01-04-19			2019-2020 (upto Sep'19)			2019-2020 (upto Sep,19)			1 Ph	3 Ph	Total
	1 Ph	3 Ph	Total	1 Ph	3 Ph	Total	1 Ph	3 Ph	Total			
Vijayawada	110	32	142	1076	302	1378	1026	251	1277	196	74	270
Guntur	504	116	620	3851	484	4335	3862	540	4450	493	60	505
CRDA	163	24	187	386	31	417	549	55	604	0	0	0
Ongole	975	88	1063	1588	190	1778	1622	212	1834	941	66	1007
Nellore	64	111	175	1758	620	2378	1653	479	2132	169	252	421
Tirupati	235	44	279	1588	261	1849	1588	261	1849	268	51	319
Kadapa	143	13	156	1217	156	1373	903	110	1013	171	33	204
Anantapur	525	153	678	1617	444	2061	1492	514	2006	650	83	733
Kurnool	456	71	527	2513	708	3221	2525	711	3236	444	68	512
Total	3175	652	3827	15594	3196	18790	15220	3133	18401	3332	687	3971

Stuck-up meters for FY 2019-2020 (upto Sep,2019)												
Circle	Defective as on			Defective during			Replaced during			Defective as on 30-09-2019		
	01-04-19			2019-2020 (upto Sep'19)			2019-2020 (upto Sep,19)			1 Ph	3Ph	Total
	1 Ph	3Ph	Total	1 Ph	3 Ph	Total	1 Ph	3 Ph	Total			
Vijayawada	3894	283	4177	23003	2017	25020	26454	2212	28666	4549	398	4947
Guntur	2639	212	2851	24535	1724	26259	24302	1718	26268	2872	218	2842
CRDA	714	100	814	5153	194	5347	5867	294	6161	0	0	0
Ongole	5080	251	5331	19186	770	19956	19374	787	20161	4892	234	5126
Nellore	1122	240	1362	14379	2231	16610	12790	1726	14516	2711	745	3456
Tirupati	1474	81	1555	12646	928	13574	12646	928	13574	2455	160	2615
Kadapa	1359	74	1433	12247	585	12832	8932	431	9363	1956	80	2036
Anantapur	648	49	677	17684	953	18637	14837	825	15662	3495	177	3672
Kurnool	3698	153	3851	23993	1206	25199	22903	1192	24095	4788	167	4955
Total	20628	1443	22051	152826	10608	163434	148105	10113	158466	27718	2179	29649

8.1.5 Performance with regard to attending fuse-off calls.

Performance with regard to attending fuse -off calls			
S.No	Circle	2018-19	
		Received	With in the stipulated time
1	Vijayawada	22738	17936
2	Guntur	16030	13103
3	Ongole	4186	3401
4	Nellore	8752	7207
5	Tirupati	11776	9708
6	Kadapa	4787	3977
7	Anantapur	5777	4853
8	Kurnool	5422	4449
APSPDCL		79468	64634

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 2018-19									
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	725	9605	207:12	480:23	215	699	640:25	1415:03
2	Guntur	963	8778	212:38	439:30	140	269	800:18	743:00
3	Ongole	882	11486	185:36	574:28	93	135	469:21	427:53
4	Nellore	742	10260	179:23	513:00	110	127	571:45	607:43
5	Tirupati	634	8750	158:55	437:48	47	191	219:33	494:54
6	Kadapa	1004	8607	232:57	430:35	71	572	460:21	2270:38
7	Anantapur	767	6698	210:42	335:28	82	489	579:27	2470:46
8	Kurnool	911	6926	194:12	346:28	72	155	304:45	770:47
SPDCL		6629	71108	1581:39	3557:40	830	2637	4045:58	9200:47
For FY 2019-2020 (upto Sep,2019)									
1	Vijayawada	135	2264	116:35	156:05	54	345	604:40	703:41
2	Guntur	166	5320	123:02	232:15	46	252	915:57	720:21
3	Ongole	157	3422	114:24	194:17	35	138	454:03	503:17
4	Nellore	108	1688	49:52	135:21	23	89	282:14	213:38
5	Tirupati	103	3495	84:21	272:13	11	121	129:15	140:44
6	Kadapa	180	6462	137:27	289:12	23	244	789:30	1154:05
7	Anantapur	124	8799	109:55	351:04	28	213	540:16	1596:54
8	Kurnool	184	6313	180:45	278:15	29	64	390:51	406:43
SPDCL		1157	37763	916:25	1908:43	249	1466	4106:49	5439:24

Number and Duration of supply interruptions on 33KV and 11KV networks								RURAL	
For FY 2018-19									
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	1347	11520	384:49	720:12	399	1298	1189:22	2627:58
2	Guntur	1789	13104	394:55	819:15	260	499	1486:17	1379:51
3	Ongole	1639	23904	344:41	1494:21	173	252	871:39	794:38
4	Nellore	1379	24120	333:09	1506:08	203	237	1061:49	1128:38
5	Tirupati	1178	42552	295:07	2568:14	86	354	407:44	919:06
6	Kadapa	1864	27252	432:39	1701:14	133	1063	854:56	4216:55
7	Anantapur	1425	25524	391:18	1593:21	153	907	1076:08	4588:34
8	Kurnool	1692	20664	360:40	1290:19	135	287	565:58	1431:28
SPDCL		12312	188640	2937:21	11783:04	1542	4897	7513:57	17087:10
For FY 2019-2020 (upto Sep,2019)									
1	Vijayawada	710	6336	127:44	383:09	190	642	1122:58	1306:50
2	Guntur	876	9529	134:49	1172:02	166	469	1701:03	1337:47
3	Ongole	827	7155	125:21	519:13	125	257	843:14	934:40
4	Nellore	566	8956	113:39	326:20	83	164	524:08	396:44
5	Tirupati	541	7979	92:26	188:47	40	224	240:03	261:21
6	Kadapa	948	11839	150:37	214:57	82	453	1466:13	2143:17
7	Anantapur	653	17005	120:26	838:30	99	396	1003:21	2965:41
8	Kurnool	968	17839	198:02	1177:41	105	118	725:53	755:20
SPDCL		6090	86638	1063:08	4820:43	889	2723	7626:56	10101:46

8.1.7 Frequency at various levels of interface over the period.

Month	Average	Max.		Min.	
	Hz.	Hz.	Date	Hz.	Date
Apr.18	49.97	50.25	17.04.18	49.62	29.04.18
May.18	49.95	50.25	10.05.18	49.57	01.05.18
Jun.18	49.98	50.25	01.06.18	49.60	08.06.18
July.18	49.98	50.25	10.07.18	49.62	15.07.18
Aug.18	49.98	50.25	01.08.18	49.62	19.08.19
Sep.18	49.97	50.25	15.09.18	49.57	02.09.18
Oct.18	49.97	50.25	15.10.18	49.69	02.10.18
Nov.18	49.97	50.25	29.11.18	49.70	06.11.18
Dec.18	49.99	50.25	21.12.18	49.67	26.12.18
Jan.19	50.01	50.28	03.01.19	49.58	20.01.19
Feb.19	50.00	50.27	21.02.19	49.68	10.02.19
Mar.19	49.99	50.30	09.03.19	49.64	15.03.19
Average 2018-19	49.98				
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	49.80	25.07.19
Aug.19	50.00	50.32	15.08.19	49.55	02.08.19
Sep.19	50.01	50.27	05.09.19	49.62	09.09.19
Average 2019-20	50.00				

8.1.8 Pending applications and connections released to different categories of consumers

Category wise pending applications as on November' 2019

Category	LT-I	LT-II	LT-III	LT-IV	LT-V	HT	Total
Pending at the beginning of the month	2816	1800	161	371	48179	203	53530
Received during the month	37726	6801	217	350	7995	8	53097
Service released during the month	24524	5348	150	135	4272	5	34434
Paid Pending at the end of November' 2019	16018	3253	228	586	51902	206	72193

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 30-09-2019 is displayed in APSPDCL website (www.apspdcl.in)

8.1.10 Court cases involving the Licensee

Details of Cases pertains to Thermal / Coal based pending before Various Courts as on 14.06.2019

Sl.No	Case No. & Year of filing	Petitioners	Respondents	Type of Generator	Capacity (MW)	PPA Perirod	Brief Description of the Case	Value involved (Rs.)	Legal Forum	Status	Remarks
1	Appeal No 41 of 2018	M/s. Hinduja National Power Corporation	APERC & APDISCOMs	Thermal/ Coal based	1040	30	Challenging the order dated:31.01.2018 passed by APERC allowing APDISCOMs to withdraw HNPCL PPA.	-	APTEL	-	Matter was reversed for orders on 12.12.2018.
2	WP(C) No. 18496 of 2018	M/s. Hinduja National Power Corporation	MCL & APDISCOMs				Seeking directions to MCL to resume supply of coal to HNPCL.	-	High Court of Orissa	Last listed on 08.04.2019 and next date of hearing not yet issued	Hon'ble High Court of Orissa passed interim orders on 10.12.2018 & 08.04.2019 directing MCL to resume coal supplies to HNPCL. Accordingly MCL resumed coal supplies to HNPCL.
3	18/MP of 2019	M/s Coastal Andhra Power Limited	APDISCOMs & Ors		3960	25	Prayed to refer the disputes between the parties to arbitration under the ICA Rules;	-	CERC	Last listed on 15.02.2019 and next date of hearing not yet issued	APDISCOMs filed reply to the petition filed by CAPL on 28.02.2019. Matter is pending before CERC.
4	O.P. No.33/ 2019	APDISCOMs	APGENCO		600	25	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.	---	APERC	Listed on 22.06.2019	Hon'ble Commission issued public notice on 23.03.2019 and conducted public hearings on 20.04.19, 10.05.19 & 25.05.19 and posted the matter to 22.06.2019.
5	WA 835 / 2017	M/s Meenakshi Energy Limited	Pri. Sec., Energy Dept, GoAP, APSPDCL,		200	12	Appeal filed by M/s Meenakshi Energy Limited on 28.06.2017 against the action initiated by APSPDCL in revoking LoA vide letter dt. 23.02.2017 and against the the order dated 13.06.2017 passed in WP No 6143 of 2017.	---	High Court of Telangana	Last listed on 12.04.2019 and next date of hearing not yet issued	Single Judge pronounced the orders in favour of APDISCOMs, in WP No 6143 of 2017 filed by M/s Meenakshi Energy Limited against the action initiated by APSPDCL in revoking LoA vide letter dt. 23.02.2017 and disposed the said petition. Against the said order passed by single judge, M/s Meenakshi Energy Limited filed the Appeal before division bench and the main matter is still pending.

Details of cases pertains to Gas Division in various legal forums.

Sl.No	Case No. & Year of filing	Petitioners	Respodents	Brief Description of the Case	Value involved (Rs.in Crs)	Legal Forum	Status	Remarks
1	O.P.No.70/2012	APDISCOMs	GMR Vemagiri	APDISCOMs filed the said petition on 19.05.2011 seeking the consent of APERC to the proposed amendments as per commission orders dt 05.12.2009.	---	CERC	Pending and next date of hearing not yet issued	i) After Bifucation of State, M/s GMR filed a petition No. MP/463/2014 (similar to OP.No.72 of 2012) before CERC stating CERC has Jurisdiction. CERC vide its ROP dated 27.04.2015 stated that CERC alone has Jurisdiction to decide all these matters pending before APERC. ii) Aggrieved by the said CERC order, APDISCOMs have filed a Writ petition No.15848 of 2015 before High Court on 05.06.2015 to decide the issue jurisdiction. iii) The High court vide its orders dated 31.12.2018 in matter of Jurisdiction issue indicated that CERC has alone jurisdiction to decide all the pending pending petitions before APERC as on 02.06.2014 and directed APERC to transfer all the pending petitions as on 02.06.2014. iv) Aggrieved the said High Court orders APDISCOMs have filed petition No.SLP (Civil)-8016-8018 of 2019 and Supreme Court vide its record of proceedings dated.08.04.2019 granted "Status Quo" on proceedings in all pending petitions before CERC upto 30.07.2019.
2	O.P.No.71/2012	GMR Vemagiri	APDISCOMs	M/s GMR filed the said petition on 20.05.2011 seeking the consent of APERC to the proposed amendments as per commission orders dt 05.12.2009.	---			
3	O.P.No.72/2012	GMR Vemagiri	APDISCOMs	M/s GMR filed the said petition on 14.11.2012 seeking claim of 447 Crs towards loss of capacity charges for the period upto 10.04.2009	447.00			
4	O.P.No. 58/2013& IA.No.31/2013	GMR Vemagiri	APDISCOMs	M/s GMR Filed petition on 24.01.2013 seeking the refund of Capacity charges from Oct2012 onwards amounting to 121.62 Crs aand for award of interest till payment	121.62			
5	O.P.No.12/2013	GMR Vemagiri	APDISCOMs	M/s GMR Filed petition in 2013 seeking to direct APDISCOMs to reimburse Imbalance charges & Ship or Pay charges as claimed by GMR Vemagiri	0.95			
6	O.P.No.30 of 2017	APDISCOMs	GMR Vemagiri	APDISCOMs filed a petition on 11.05.2017 requesting the commission to direct the IPPs to pay the energy consumed by it towards start-up and maintenence of their projects at HT-1 scheduled tariff.	Cumulative energy imported by IPPs			
7	O.P.No.2/2014	APDISCOMs	GVK Gautami	APDISCOMs filed the said petitions on 07.05.2013 praying Hon'ble APERC for deletion of alternate fuel provisions from the PPA	---			
8	O.P.No.8/2013 & I.A.No.1/2013	GVK Gautami	APDISCOMs	Prayed to restrain APDISCOMs from deducting capacity charges, disincentives and to pay fixed charges, ship or pay charges & imbalance charges	1478.94			
9	O.P.No.1/2014	APDISCOMs	GVK Extns	APDISCOMs filed the said petitions on 07.05.2013 praying Hon'ble APERC for deletion of alternate fuel provisions from the PPA	---			
10	O.P.No.9/2013 & I.A.No.2/2013	GVK Extns	APDISCOMs	Prayed to restrain APDISCOMs from deducting capacity charges, disincentives and to pay fixed charges, ship or pay charges & imbalance charges	820.92			
11	O.P.No.11/2015	APDISCOMs	Konaseema	APDISCOMs filed the said petitions on 29.11.2014 praying Hon'ble APERC for deletion of alternate fuel provisions from the PPA	---			
12	O.P.No.28 of 2017	APDISCOMs	Konaseema	APDISCOMs filed a petition on 11.05.2017 requesting the commission to direct the IPPs to pay the energy consumed by it towards start-up and maintenence of their projects at HT-1 scheduled tariff.	Cumulative energy imported by IPPs			
13	MP/463/2015	GMR Vemagiri	APDISCOMs	M/s GMR filed the said petition (OP.No.72 of 2012 pending in APERC) on seeking claim of 447 Crs towards loss of capacity charges for the period upto 10.04.2009	447.00	CERC	Listed on 28.05.2019 and next date of hearing not yet issued	
14	MP/111/2019	GMR Vemagiri	APDISCOMs	M/s GMR filed the said petition on 03.04.2018 before CERC against unlawful and illegal refusal of respodents to accept declaration of 370 MW of M/s GMR Vemagiri CAPP and consequent refusal to schedule power from the project and pay applicable tariff including capacity charges for deemed generation	---	CERC	Listed on 12.06.2019	
16	SLP(Civil)- 8016-8018 of 2019 (CA.No.3378-3390 of 2019)	APDISCOMs	GMR Vemagiri	APDISCOMs have filed Appeal on 25.02.2019 before Hon'ble Suprem Court challenging the High court orders dated 31.12.2018 in the issue jurisdiction.	Jurisdiction	Supreme Court	Listed on 08.04.2019 and listed tentatively on 08.07.2019	
15	W.P.No.14276 of 2018	GMR Vemagiri	APDISCOMs	M/s GMR Vemagiri filed a petition on 20.04.2018 challenging Jurisdiction of APERC in O.P.No.30 of 2017 filed by APDISCOMs.	Jurisdiction	High Court	Pending and next date of hearing not yet issued	The High Court vide its orders dated 26.04.2018 issued stay on all further proceeding in OP>No.30 of 2017 before APERC
17	CMA .SR. No. 34139/2013	APDISCOMs	Konaseema	APDISCOMs filed the petition on 04.09.2013 before AP High Court challenging City Civil Court order dated 12.03.2013 in OP No 573/2010 on reimbursement of Liquidated damages to Konaseema	3.28	High Court	Pending and next date of hearing not yet issued	
18	W.P.21469/2012	Konaseema	APDISCOMs	Konaseema filed the petition on 13.07.2012 before AP High Court seeking directions on usage of RLNG to the extent of short fall of natural gas and Konaseema should not be penalized when declared their availability with RLNG.	---	High Court	Pending and next date of hearing not yet issued	
19	Civil Appeal No. 4952/2013	APDISCOMs	Konaseema	APDISCOMs filed the petition on 01.07.2013 challenging the APTEL order dated 17.04.2013 in Appeal 117/2011, which was filed against APERC order dated 05.12.2009.	1410.00	Supreme Court	Pending and next date of hearing not yet issued	

Details of Cases pending pertains to NCE in Gas Division before Various Courts as on 14.06.2019

Sl.No	Case No. & Year of filing	Petitioners	Respondents	Type of Generator	Installed capacity in MW	PPA period in Years	Brief Description of the Case	Value involved (Rs.)	Legal Forum	Status	Remarks
1	OP No.57 of 2014	M/s. Sardar Power Limited	APSPDCL	Mini Hydel	3	20	M/s.Sardar Power filed petition seeking re-determination of capital cost and there by tariff for first 10 years of operation.	---	APERC	The matter is posted for 15.06.2019.	As against the petition filed by the developer , APSPDCL filed the counter before Hon'ble APERC. The matter is pending before APERC.
2	OP No.30 of 2019	M/s.Sree Rayalaseema Green Energy Ltd	APSPDCL	Biomass	5.5	20	Petition filed by M/s.Sree Rayalaseema Green Energy Ltd on interest charges for late payment of energy bills from licensee as per article 7 sub-section 7.3 of PP &WA	---	APERC	The matter is posted for 29.06.2019.	As against the petition filed by the developer , APSPDCL filed the counter before Hon'ble APERC. The matter is pending before APERC.
3	O.P.No. 29 of 2019	M/s. Satya Maharashtra Power Corporation Limited	APSPDCL	Biomass	6	20	Petition filed by M/s.Satya Maharashtra Power Corporation Limited , for direction of payment of interest towards on delayed payment of power bills for the Financial Years 2016-17, 2017-18 in terms of PPA dated 10-05-2019	---	APERC	The matter is posted for 22.06.2019.	As against the petition filed by the developer , APSPDCL filed the counter before Hon'ble APERC. The matter is pending before APERC.
4	Remanded order in WP 32465 of 2017	M/s.Balaji Energy Limited	APSPDCL	Mini Hydel	10	20	In the matter remanded by the Hon'ble High Court of A.P. vide its order dated 29-04-2019 in W.P.No. 32465 of 2017 directing APERC to determine the tariff payable by reckoning the capacity of the Petitioner minihydel plant 12 MW instead of 10 MW	---	APERC	The matter is posted on 15.06.2019.	As per the directions of Hon'ble High Court , APSPDCL filed memo before APERC. The matter is pending before APERC.
5	WP No.7217 of 2014	M/s.SNJ Sugars	APSPDCL	Bagasse	20	20	The Writ Petition was filed to direct the respondents to release the amounts of Rs.5,30,37,471 against the power purchase bills of January 2012 August 2012 differential tariff for the period 2004/2009 and power bills for the period 2010/2011 using coal as fuel along with interest from the due date of payment in terms of the PPA	---	High Court	The case is pending before Hon'ble High Court of AP and the next listing date was not mentioned.	As against the petition filed by the developer , APSPDCL filed the counter before Hon'ble High Court. The matter is pending before High Court.
6	WA 681 of 2013	M/s.Balaji Energy Limited	APSPDCL	Mini Hydel	10	20	The said appeal was filed on 20.05.2013 against APERC order dt:20.03.2004, with a prayer to pay the tariff for the 1st ten years of operation, as per APERC order dt:7.03.2007	---	High Court	The case is pending before Hon'ble High Court of AP and the next listing date was not mentioned.	As against the petition filed by the developer , APSPDCL filed the counter before Hon'ble High Court.The matter is pending before High Court.
7	WP No.20728 of 2016	M/s.Balaji Energy Limited	APSPDCL	Mini Hydel	10	20	Writ Petition filed against APERC order dated:23.08.2014 determining the tariff beyond 10 years of operation and directing the Respondent to pay tariff to the petitioner as per the order of the APERC dated 7.3.2007 (tariff as per MNES guidelines)	---	High Court	The case is pending before Hon'ble High Court of AP and the next listing date was not mentioned.	As against the petition filed by the developer , APSPDCL filed the counter before Hon'ble High Court.The matter is pending before High Court.
8	WP 13160 of 2016	M/s.Sardar Power Limited	APEPDCL	mini Hydel	3	20	Petition is filed by developer against APERC order dated 23.8.2014 (determination of tariff for mini hydel power projects beyond 10 years of operation).	---	High Court	The case is pending before Hon'ble High Court of AP and the next listing date was not mentioned.	As against the petition filed by the developer , APEPDCL filed the counter before Hon'ble High Court.The matter is pending before High Court.
9	Civil Appeal No.1376-85 of 2013 Civil Appeal No.10448,10449 of 2014	APDISCOMs	Biomass Energy Developers Association	Biomass		20	Filed against APTEL order dt:20.12.2012, 30.04.2013, 21.07.2014 and 23.07.2014 in the matter of determination of tariff for NCE projects for control period 2004-09 & 2009 to 13 (Variable cost) and fixed for first 10 years of operation, contending the parameters fixed in respect of Biomass, Bagasse, Industrial Waste and Mini Hydel Projects. The main contention of civil appeals is towards waiver of interest.	---	Supreme Court	The case is pending before the supreme court and the next listing date was not mentioned.	As against the petition filed by the Biomass developers, APDISCOMs filed the counters before Hon'ble Supreme court..The matter is pending before Supreme court.
10	Civil Appeal No 7860-61	Biomass Energy Developers Association	APDISCOMs	Biomass		20		---			
11	Appeal No.250 of 2014	Biomass Energy Developers Association	APDISCOMs	Biomass		20	Filed against APERC orders dt:19.07.2014 (Fixed Cost) determining tariff for the Biomass projects beyond 10 years of operation	---	APTEL	The matter is listed on 11.07.2019	As against the petition filed by the Biomass Energy Developers Association(BEDA), APDISCOMs filed the counters before Appellate Tribunal For Electricity (APTEL).The matter is pending before APTEL.
12	Appeal No. 284 of 2014	Biomass Energy Developers Association	APDISCOMs	Biomass		20	Filed against APERC orders dt:16.05.2014 (Variable cost)determining tariff for the Biomass projects beyond 10 years of operation	---	APTEL	The matter is listed on 11.07.2019	
13	Appeal No.42 of 2016	APDISCOMs	Biomass Energy Developers Association	Biomass		20	Filed against APERC orders dt:19.07.2014 (Fixed Cost) determining tariff for the Biomass projects beyond 10 years of operation	---	APTEL	The matter is listed on 11.07.2019	The Appeal was filed by APDISCOMs against APERC order dated 19.07.2014. Rejoinder to the counter filed by the BEDA also filed.The matter is pending before APTEL
14	Appeal No.297 of 2014	South India Sugar Mills Association	APDISCOMs	Bagasse		20	Filed against APERC order dt:16.05.2014 determining varible cost tariff for the NCE projects for FY 2014-15 to FY 2018-19	---	APTEL	The matter is listed on 11.07.2019	As against the petition filed by theSouth Indian Sugar Mills Association(SISMA),APDISCOMs filed the counters before Appellate Tribunal For Electricity(APTEL).The matter is pending before APTEL
15	Appeal No.386 of 2018 & JA.NO.126 of 2018	APDISCOMs	M/s.SNJ Sugars	Bagasse	20	20	Filed against APERC order dated 03.11.2017 in E.P.No.1 of 2017 in Appeal No.228 of 2012	---	APTEL	Matter is reserved for judgement.	APERC order dated 03.11.2017 directed APDISCOMs for payment of total energy generated by the developer along with interest.

Details of Wind Cases pending before Various Courts as on 14.06.2019

Sl. No	Case No. & Year of filing	Petitioners	Respodents	Typer of Generator	Installed capacity	PPA period in years	Brief Description of the Case	Value involved (Rs.)	Legal Forum	Status	Remarks, if any
1	OP No 01 of 2019	M/s Axis Wind Farms (Uravakonda) Pvt. Ltd	APSPDCL	Wind	50.4	25	M/s Axis Wind Farms (Uravakonda) Pvt Ltd filed petition on 20.12.2018 for determination of project specific tariff for their 50.4 MW project to be established at Vajrakarur (V), Ananthapur Dist and also granting consent to the PPA entered with APSPDCL	-	APERC		
2	OP No 02 of 2019	M/s Axis Wind Farms (Ahobilam) Pvt. Ltd	APSPDCL	Wind	25.2	25	M/s Axis Wind Farms (Ahobilam) Pvt Ltd filed petition on 20.12.2018 for determination of project specific tariff for their 25.2 MW project to be established at Vajrakarur (V), Ananthapur Dist and also granting consent to the PPA entered with APSPDCL	-	APERC		
3	OP No 03 of 2019	M/s Axis Wind Farms (Vajrakarur) Pvt. Ltd.	APSPDCL	Wind	50.4	25	M/s Axis Wind Farms (Vajrakarur) Pvt Ltd. filed petition on 20.12.2018 for determination project specific tariff for their 50.4 MW project to be established at Pottipadu (V), Ananthapur Dist and also granting consent to the PPA entered with APSPDCL	-	APERC		
4	OP No 04 of 2019	M/s Axis Wind Farms (Pottipadu) Pvt. Ltd	APSPDCL	Wind	50.4	25	M/s Axis Wind Farms (Pottipadu) Pvt Ltd filed petition on 20.12.2018 for determination project specific tariff for their 50.4 MW project to be established at Pottipadu (V), Ananthapur Dist and also granting consent to the PPA entered with APSPDCL	-	APERC		
5	OP No 05 of 2019	M/s Axis Wind Farms (Beluguppa) Pvt. Ltd.	APSPDCL	Wind	50.4	25	M/s Axis Wind Farms (Beluguppa) Pvt Ltd filed petition on 20.12.2018 for determination of project specific tariff for their 50.4 MW project to be established at Beluguppa (V), Ananthapur Dist and also granting consent to the PPA entered with APSPDCL	-	APERC	APERC invited the public hearings. Counters filed. APERC posted the same on 15.06.2019	
6	OP No 06 of 2019	M/s Axis Wind Farms (Penna) Pvt. Ltd.	APSPDCL	Wind	50.4	25	M/s Axis Wind Farms (Penna) filed petition on 20.12.2018 for determination of project specific tariff for their 50.4 MW project to be established at Nuthimadugu (V), Ananthapur Dist and also granting consent to the PPA entered with APSPDCL	-	APERC		
7	OP No 07 of 2019	M/s Axis Wind Farms (Manirevu) Pvt. Ltd.	APSPDCL	Wind	50.4	25	M/s Axis Wind Farms (Manirevu) filed petition on 20.12.2018 for determination of project specific tariff for their 50.4 MW project to be established at Nuthimadugu (V), Ananthapur Dist and also granting consent to the PPA entered with APSPDCL	-	APERC		
8	OP No 08 of 2019	M/s Axis Wind Farms (AP) Pvt. Ltd.	APSPDCL	Wind	50.4	25	M/s Axis Wind Farms (AP) filed petition on 20.12.2018 for determination of project specific tariff for their 50.4 MW project to be established at Burumpalli East /Nuthimadugu Site (V), Ananthapur Dist and also granting consent to the PPA entered with APSPDCL	-	APERC		
9	OP No 09 of 2019	M/s Axis Wind Farms (Amidyala) Pvt. Ltd.	APSPDCL	Wind	50.4	25	M/s Axis Wind Farms (Amidyala) filed petition on 20.12.2018 for determination of project specific tariff for their 50.4 MW project to be established at Amidyala(V) Ananthapur Dist and also granting consent to the PPA entered with APSPDCL	-	APERC		
10	OP No 10 of 2019	M/s Axis Wind Farms (Godavari) Pvt. Ltd.	APSPDCL	Wind	50.4	25	M/s Axis Wind Farms (Godavari) filed petition on 20.12.2018 for determination of project specific tariff for their 50.4 MW project to be established at Borampalli(V) Ananthapur Dist and also granting consent to the PPA entered with APSPDCL	-	APERC		

i) GoAP in its letter dated 14.9.2017 & 6.2.2018 directed APDISCOMs to request APERC to determine the tariff in respect PPA's entered with AXIS and Suzulon Energy for a capacity of 600MW & 176.4 MW considering prevailing lowest Competitive bidding Tariff received in the country.

ii) Further GoAP in its letter dated 14.02.2019 issued instructions to APDISCOMs to approach APERC for determination of Tariff as per section 61, 62, 64 and 86(1)(b) EA 2003.

iii) As per the approval from GoAP, APSPDCL entered 21 Nos PPAs for total capacity of 774.9 MW (4 nos 176.4 MW, 12 Nos-585.9 and 5 Nos-12.6 MW) at a tariff to be determined by APERC and the submitted the PPAs to APERC for granting its consent and projects are yet to be commissioned.

iv) The developers have filed Petition for Fixation of Project Specific tariff.

v) DISCOMs have filed its counter duly submitting that in view of APERC order in Op.No.5 of 2017 that CERC Regulations 2017 are to be applied to decide capital Cost and Tariff based on the prevailing market trends for wind Project. Hence the Hon'ble Commission was requested to Prudent check the capital Cost and accordingly determine the project Specific Tariff in the best interest of the consumers of State.

vi) Based on the rejoinder filed by developers, Hon'ble Commission posted the matter to 15.6.2019 for further hearings.

Sl. No	Case No. & Year of filing	Petitioners	Respondents	Typers of Generator	Installed capacity	PPA period in years	Brief Description of the Case	Value involved (Rs.)	Legal Forum	Status	Remarks, if any
11	OP No 11 of 2019	M/s Axis Wind Farms (Kalyandurg) Pvt. Ltd.	APSPDCL	Wind	50.4	25	M/s Axis Wind Farms (Kalyandurg) filed petition on 20.12.2018 for determination of project specific tariff for their 50.4 MW project to be established at Borampalli(V) Ananthapur Dist and also granting consent to the PPA entered with APSPDCL	-	APERC		
12	OP No 12 of 2019	M/s Axis Wind Farms (Reketla) Pvt. Ltd.	APSPDCL	Wind	33.6	25	M/s Axis Wind Farms (Reketla) filed petition on 20.12.2018 for determination of project specific tariff for their 50.4 MW project to be established at Amidyala(V) Ananthapur Dist and also granting consent to the PPA entered with APSPDCL	-	APERC		
13	OP No 13 of 2019	M/s Axis Wind Farms (Borampally) Pvt. Ltd.	APSPDCL	Wind	50.4	25	M/s Axis Wind Farms (Borampally) filed petition on 20.12.2018 for determination of project specific tariff for their 50.4 MW project to be established at Borampalli(V) Ananthapur Dist and also granting consent to the PPA entered with APSPDCL	-	APERC		
14	OP No 14 of 2019	M/s Axis Wind Farms (Seerp) Pvt. Ltd.	APSPDCL	Wind	50.4	25	M/s Axis Wind Farms (Seerp) filed petition on 20.12.2018 for determination of project specific tariff for their 50.4 MW project to be established at Borampalli(V) Ananthapur Dist and also granting consent to the PPA entered with APSPDCL	-	APERC		
15	OP No 15 of 2019	M/s Axis Wind Farms (Golla) Pvt. Ltd.	APSPDCL	Wind	50.4	25	M/s Axis Wind Farms (Golla) filed petition on 20.12.2018 for determination of project specific tariff for their 50.4 MW project to be established at Borampalli(V) Ananthapur Dist and also granting consent to the PPA entered with APSPDCL	-	APERC		
16	OP No 16 of 2019	M/s Axis Wind Farms (Chapri) Pvt. Ltd.	APSPDCL	Wind	48.3	25	M/s Axis Wind Farms (Chapri) filed petition on 20.12.2018 for determination of project specific tariff for their 48.3 MW project to be established at Borampalli(V) Ananthapur Dist and also granting consent to the PPA entered with APSPDCL	-	APERC	APERC invited the public hearings. Counters filed. APERC posted the same on 15.06.2019	
17	OP No 22 of 2019	M/s S V Renewable Energy	APSPDCL	Wind	2.1	25	M/s S V Renewable Energy filed petition on 10.01.2019 for determination of project specific tariff for their 2.1 MW project to be established at Amidyala(V) Ananthapur Dist and also granting consent to the PPA entered with APSPDCL	-	APERC		
18	OP No 23 of 2019	M/s Axis Wind Farms (Krishna) Pvt. Ltd.	APSPDCL	Wind	4.2	25	M/s Axis Wind Farms (Krishna) petition on 10.01.2019 for determination of project specific tariff for their 4.2 MW project to be established at Beluguppa (V), Ananthapur Dist and also granting consent to the PPA entered with APSPDCL	-	APERC		
19	OP No 24 of 2019	M/s Axis Wind Farms (Tungabhadra) Pvt. Ltd.	APSPDCL	Wind	2.1	25	M/s Axis Wind Farms (Tungabhadra) petition on 10.01.2019 for determination of project specific tariff for their 2.1 MW project to be established at Beluguppa (V), Ananthapur Dist and also granting consent to the PPA entered with APSPDCL	-	APERC		
20	OP No 25 of 2019	M/s Pujaa Shree Renewable Energy	APSPDCL	Wind	2.1	25	M/s Pujaa Shree Renewable Energy petition on 10.01.2019 for determination of project specific tariff for their 2.1 MW project to be established at Beluguppa (V), Ananthapur Dist and also granting consent to the PPA entered with APSPDCL	-	APERC		
21	OP No 26 of 2019	M/s G T Renewable Energy	APSPDCL	Wind	2.1	25	M/s G T Renewable Energy petition on 10.01.2019 for determination of project specific tariff for their 2.1 MW project to be established at Amidyala(V) Ananthapur Dist and also granting consent to the PPA entered with APSPDCL	-	APERC		

i) GoAP in its letter dated 14.9.2017 & 6.2.2018 directed APDISCOMs to request APERC to determine the tariff in respect PPA's entered with AXIS and Suzlon Energy for a capacity of 600MW & 176.4 MW considering prevailing lowest Competitive Bidding Tariff received in the country.

ii) Further GoAP in its letter dated 14.02.2019 issued instructions to APDISCOMs to approach APERC for determination of Tariff as per section 61, 62, 64 and 86(1)(b) EA 2003.

iii) As per the approval from GoAP, APSPDCL entered 21 Nos PPA's for total capacity of 774.9 MW (4 nos 176.4 MW, 12 Nos-585.9 and 5 Nos-12.6 MW) at a tariff to be determined by APERC and the submitted the PPA's to APERC for granting its consent and projects are yet to be commissioned.

iv) The developers have filed Petition for Fixation of Project Specific tariff.

v) DISCOMs have filed its counter duly submitting that in view of APERC order in Op.No.5 of 2017 that CERC Regulations 2017 are to be applied to decide capital Cost and Tariff based on the prevailing market trends for wind Project. Hence the Hon'ble Commission was requested to Prudent check the capital Cost and accordingly determine the project Specific Tariff in the best Interest of the consumers of State.

vi) Based on the rejoinder filed by developers, Hon'ble Commission posted the matter to 15.6.2019 for further hearings.

Sl. No	Case No. & Year of filing	Petitioners	Respondents	Typers of Generator	Installed capacity	PPA period in years	Brief Description of the Case	Value involved (Rs.)	Legal Forum	Status	Remarks, if any	
22	OP No 17 of 2019	APDISCOMs	M/s Karam Chand Thapar & Bros Limited & 81 others	Wind	3078.9	25	APDISCOMs filed petition to modify the parameters(CUF, RDE, Depreciation Interest on Term Loan & IWC) fixed in its regulations 1 of 2015 and to revise the tariffs fixed for wind power projects in its order dated:01.08.2015 & 26.03.2016 as per provisions under PPAs enabled in the APERC orders dt.13-12-2017	-	APERC	APERC invited the public hearings and posted to 06.07.2019	APERC in its order dated:13.12.2017 in the matter of granting consent to the 41 PPAs at para 63(f) stipulated that <i>distribution companies are at liberty to invoke the enabling Articles in the Power Purchase Agreements for any modification or amendment to the relevant terms and conditions dependent on the Capacity Utilization Factor, capital cost, depreciation, interest, return on equity and they like and to approach the Commission for appropriate reliefs</i> . Accordingly,Honble APDISCOMs filed petitions to modifyto the parameters specified in the APERC Regulation 1 of 2015 and to revise the tariffs as was passed in two tariff orders dated:01.08.2015 and 26.03.2016. APERC directed the APDISCOMs to furnish the stand in the light of GoAP letter dated:15.03.2019	
23	O.P.No. 21 of 2019	M/s. RCI Power Limited	APSPDCL	Wind	20	25	M/s RCI Power Limited filed petition on 05.11.2018 seeking tariff of Rs.3.37 per unit for their 20 MW Project from 11th year onwards along with arrears and interest @15% per annum thereon	around 27 crs and interest thereon	APERC	APERC listed the case on 22.06.2019	The developer was paid for the purchased energy@50% pooled cost as per the provisions under the wheeling agreement trating the energy as unutilized banked energy as per regulations 2 of 2014 & 2 of 2016. The developer is seeking the tariff applicable for the PPAs from 11th year onwards.Against the petition filed by the petitioner, APSPDCL to be filed the counter as the appcc approved counter was communicated. Pending before the APERC	
24	O.P. No.28 of 2019	M/s. Bharath Wind Farm Ltd	APSPDCL	Wind	4.25	25	M/s. Bharath Wind Farm Ltd petition on 05.11.2018 seeking tariff of Rs.3.37 per unit for their 4.25 MW Project from 11th year onwards along with arrears and interest@15% per annum thereon	around 7 crs and interest thereon	APERC	APERC listed the case on 22.06.2019		
25	OP No 36 of 2019	M/s Ramagiri Renewable Energy Limited(Previously IL&FS Wind Farms Limited)	APCC & APDISCOMs	Wind	6.5	25	Petition filed for revision of approval for procurement of power with effect from 14.05.2018 by amending the approval dated:19.06.2018 and claiming for payment of amount at a tariff of Rs.2.23 per unit between the period of reconnection of supply and execution of amended PPA.	0.68 Crs	APERC	APERC listed the case on 22.06.2019	After expiry of the PPA, the developer was isolated from grid.Based on the undertaking furnished by the developer stating that the power exported to the grid is free of cost , APSPDCL reconnected the plant on 14.05.2018. APERC issued approval for amended agreement dated:08.08.2018 to 31.03.2019. The developer is claiming the tariff from date of reconnection(14.05.2018) to amended agreement (08.08.2018)	
26	WP No 29841 of 2018	M/s.Orange Anantapur Wind Power Pvt., Ltd.	APERC,APDISCOMs, GoAP& MNRE	Wind	100	25	Petition filed against APERC order dated:28.07.2018 in the matter of Generation Based Incentive benefit of Rs.0.5 per unit provided by MNRE passed on to APDISCOMs	2700 Crs(approximately)	High Court	Listed the case on 08.10.2018..But the court did not taken the same on that day and same are yet to be listed.	APDISCOMs have filed petition O.P.No.1 of 2017 before APERC with a request to pass on the GBI benefit to APDISCOMs based on the Clause 20 of APERC regulation 1 of 2015. Accordingly, the APERC in its order dated:28.07.2018 permitted the DISCOMs to deduct the GBI amount of Rs.0.5 per unit. On the petitions filed, High Court issued interim order on 23.08.2018 suspending the APERC order dated:28.07.2018. APDISCOMs filed counter along with stay vacate petition before High Court . Pending before the High Court.	
27	WP No 29847 of 2018	M/s.Yayu Urja Bharat Pvt Ltd	APERC,APDISCOMs, GoAP& MNRE	Wind	120	25	Petition filed against APERC order dated:28.07.2018 in the matter of Generation Based Incentive benefit of Rs.0.5 per unit provided by MNRE passed on to APDISCOMs	2701 Crs(approximately)	High Court			
28	WP No 29877 of 2018	M/s.Orange Uravakonda Wind Power Pvt Ltd.	APERC,APDISCOMs, GoAP& MNRE	Wind	100.8	25	Petition filed against APERC order dated:28.07.2018 in the matter of Generation Based Incentive benefit of Rs.0.5 per unit provided by MNRE passed on to APDISCOMs	2702 Crs(approximately)	High Court			
29	WP No 30177 of 2018	M/s Renew Power Limited	APERC,APDISCOMs, MNRE & IRDA	Wind	119.7	25	Petition filed against clause 20 of APERC regulation 1 of 2015 and APERC order dated:28.07.2018 in the matter of Generation Based Incentive benefit of Rs.0.5 per unit provided by MNRE passed on to APDISCOMs	2703 Crs(approximately)	High Court		Listed on 08.10.2018..But the court did not taken the same on that day and same are yet to be listed.	High Court issued interim order on 24.08.2018 suspending the APERC order dated:28.07.2018. Against the petition filed by the petitioner, APDISCOMs filed counter along with stay vacate petition before High Court . Pending before the High Court.
30	WP 31311 of 2018	Indian Wind Power Association	APERC,APDISCOMs, GoAP& MNRE	Wind	3016.6	25	Petition filed against clause 20 of APERC regulation 1 of 2015 and APERC order dated:28.07.2018 in the matter of Generation Based Incentive benefit of Rs.0.5 per unit provided by MNRE passed on to APDISCOMs	2704 Crs(approximately)	High Court		Listed on 08.10.2018..But the court did not taken the same on that day and same are yet to be listed.	High Court issued interim order on 10.09.2018 suspending the APERC order dated:28.07.2018. Against the petition filed by the petitioner, APDISCOMs filed counter along with stay vacate petition before High Court . Pending before the High Court.
31	WP 32564 of 2018	M/s Vibrant green tech India (P) Ltd.	APERC,APDISCOMs, GoAP& MNRE	Wind	8.8	25	Petition filed against clause 20 of APERC regulation 1 of 2015 and APERC order dated:28.07.2018 in the matter of Generation Based Incentive benefit of Rs.0.5 per unit provided by MNRE passed on to APDISCOMs	2705 Crs(approximately)	High Court	Listed on 08.10.2018..But the court did not taken the same on that day and same are yet to be listed.	High Court issued interim order on 12.09.2018 suspending the APERC order dated:28.07.2018. Against the petition filed by the petitioner, APDISCOMs filed counter along with stay vacate petition before High Court . Pending before the High Court.	
32	WP 32569 of 2018	M/s Sunwin power tech India (P) Ltd.	APERC,APDISCOMs, GoAP& MNRE	Wind	4	25	Petition filed against clause 20 of APERC regulation 1 of 2015 and APERC order dated:28.07.2018 in the matter of Generation Based Incentive benefit of Rs.0.5 per unit provided by MNRE passed on to APDISCOMs	2706 Crs(approximately)	High Court	Listed on 08.10.2018..But the court did not taken the same on that day and same are yet to be listed.	High Court issued interim order on 12.09.2018 suspending the APERC order dated:28.07.2018. Against the petition filed by the petitioner, APDISCOMs filed counter along with stay vacate petition before High Court . Pending before the High Court.	

Sl. No	Case No. & Year of filing	Petitioners	Respondents	Typers of Generator	Installed capacity	PPA period in years	Brief Description of the Case	Value involved (Rs.)	Legal Forum	Status	Remarks, if any
33	WP 33534 of 2018	M/s JED Solar Parks Pvt. Limited	APERC, APDISCOMS, GoAP & MNRE	Wind	24	25	Petition filed against clause 20 of APERC regulation 1 of 2015 and APERC order dated:28.07.2018 in the matter of Generation Based Incentive benefit of Rs.0.5 per unit provided by MNRE passed on to APDISCOMS	2707 Crs(approximately)	High Court	Listed on 08.10.2018..But the court did not taken the same on that day and same are yet to be listed.	High Court issued interim order on 19.09.2018 suspending the APERC order dated:28.07.2018. Against the petition filed by the petitioner, APDISCOMS filed counter along with stay vacate petition before High Court . Pending before the High Court.
34	WP 33535 of 2018	M/s Poly Solar Parks Pvt. Ltd.	APERC, APDISCOMS, GoAP & MNRE	Wind	24	25	Petition filed against clause 20 of APERC regulation 1 of 2015 and APERC order dated:28.07.2018 in the matter of Generation Based Incentive benefit of Rs.0.5 per unit provided by MNRE passed on to APDISCOMS	2708 Crs(approximately)	High Court	Listed on 08.10.2018..But the court did not taken the same on that day and same are yet to be listed.	High Court issued interim order on 19.09.2018 suspending the APERC order dated:28.07.2018. Against the petition filed by the petitioner, APDISCOMS filed counter along with stay vacate petition before High Court . Pending before the High Court.
35	WP 33536 of 2018	M/s Axis Wind Farms (MPR Dam) Private Limited	APERC, APDISCOMS, GoAP & MNRE	Wind	105	25	Petition filed against clause 20 of APERC regulation 1 of 2015 and APERC order dated:28.07.2018 in the matter of Generation Based Incentive benefit of Rs.0.5 per unit provided by MNRE passed on to APDISCOMS	2709 Crs(approximately)	High Court	Listed on 08.10.2018..But the court did not taken the same on that day and same are yet to be listed.	High Court issued interim order on 19.09.2018 suspending the APERC order dated:28.07.2018. Against the petition filed by the petitioner, APDISCOMS filed counter along with stay vacate petition before High Court . Pending before the High Court.
36	WP 33543 of 2018	M/s Animala Wind Power Private Limited	APERC, APDISCOMS, GoAP & MNRE	Wind	30	25	Petition filed against clause 20 of APERC regulation 1 of 2015 and APERC order dated:28.07.2018 in the matter of Generation Based Incentive benefit of Rs.0.5 per unit provided by MNRE passed on to APDISCOMS	2710 Crs(approximately)	High Court	Listed on 08.10.2018..But the court did not taken the same on that day and same are yet to be listed.	High Court issued interim order on 19.09.2018 suspending the APERC order dated:28.07.2018. Against the petition filed by the petitioner, APDISCOMS filed counter along with stay vacate petition before High Court . Pending before the High Court.
37	WP 33546 of 2018	M/s Saipuram Wind Energies Private Limited	APERC, APDISCOMS, GoAP & MNRE	Wind	105	25	Petition filed against clause 20 of APERC regulation 1 of 2015 and APERC order dated:28.07.2018 in the matter of Generation Based Incentive benefit of Rs.0.5 per unit provided by MNRE passed on to APDISCOMS	2711 Crs(approximately)	High Court	Listed on 08.10.2018..But the court did not taken the same on that day and same are yet to be listed.	High Court issued interim order on 19.09.2018 suspending the APERC order dated:28.07.2018. Against the petition filed by the petitioner, APDISCOMS filed counter along with stay vacate petition before High Court . Pending before the High Court.
38	Appeal No 384 of 2018	M/s Green Infra Wind Solutions Limited	APERC & 49 others	Wind	49.5	25	Appeal filed against clause 20 of APERC regulation 1 of 2015 and APERC order dated:28.07.2018 in the matter of GBI benefit passed on to APDISCOMS		APTEL	Listed on 04.07.2019	APDISCOMS have filed petition O.P.No.1 of 2017 before APERC with a request to pass on the GBI benefit to APDISCOMS based on the Clause 20 of APERC regulation 1 of 2015. Accordingly, the APERC in its order dated:28.07.2018 permitted the DISCOMS to deduct the GBI amount of Rs.0.5 per unit. On the Appeal filed by the petitioner APTEL vide daily order dated :05.10.2018 Granted stay on APERC order dated:28.07.2018 in line with the High Court interim orders. Counter was communicated to Counsel for APDISCOMS.Pending before APTEL.
39	WP 2401 of 2018	IWPA and others	GoAP, APDISCOMS & APERC	Wind	3078.9	25	Writ Petition filed with a prayer to quash the proceedings in OP No 17 of 2019 filed by APDISCOMS before APERC	-			
40	WP 2459 of 2018	AXIS WIND ENERGY M P R DAM PVT. LTD.	APERC, APDISCOMS & GoAP	Wind	105	25	Writ Petition filed with a prayer to quash the proceedings in OP No 17 of 2019 filed by APDISCOMS before APERC	-			
41	WP 2461 of 2018	ORANGE ANANTHAPUR WIND POWER PVT LTD	APERC, APDISCOMS & GoAP	Wind	100	25	Writ Petition filed with a prayer to quash the proceedings in OP No 17 of 2019 filed by APDISCOMS before APERC	-			
42	WP 2462 of 2018	ORANGE URAYAKONDA WIND	APERC, APDISCOMS & GoAP	Wind	100.8	25	Writ Petition filed with a prayer to quash the proceedings in OP No 17 of 2019 filed by APDISCOMS before APERC	-	High Court	Listed the matters on 12.03.2019. Court did not take the matters on that day.	Against the Petition in O.P.No.17 of 2019 filed by APDISCOMS some of the Wind developers who are Respondents in O.P.No.17 of 2019 filed Writ Petitions before High court to quash the proceedings before APERC in the said petition. High Court have not granted stay as prayed by the petitioners. APPCC approved counter was communicated to APSPDCL for filing the same before Highcourt. The counter yet to be filed by APSPDCL. Pending before High court
43	WP 3261 of 2019	FUJIN WIND PARKS P LTD, Danu Wind Parks Private Limited, Aeolus Wind Parks Pvt Ltd and M/s DIndore Winds Park Private Limited	APERC, APDISCOMS & GoAP	Wind	128.8	25	Writ Petition filed with a prayer to quash the proceedings in OP No 17 of 2019 filed by APDISCOMS before APERC	-		Listed the matters on 19.03.2019. Court did not take the matters on that day.	
44	WP 5710 of 2019	JED SOLAR PARKS PVT LTD	APERC, APDISCOMS & GoAP	Wind	24	25	Writ Petition filed with a prayer to quash the proceedings in OP No 17 of 2019 filed by APDISCOMS before APERC	-		High Court issued notice listing the matter after vacation.	

COURT CASES IN RESPECT OF SOLAR POWER PROJECTS PENDING IN APTEL

Sl No	Case No	Petitinner	Respondent	Subject / Prayer	Remarks	Advocate
1	IA No. 758 of 2019 in DFR No. 1020 of 2019	APSPDCL & APEPDCL	CERC , SECI & M/s ACME Bhiwadi Solar Pvt Ltd (50MW solar plant)	Interim orders for Stay of the Operation of the impugned order Dated 09.10.2018 passed by the CERC in petition No. 188/MP./2017 til the final adjudication of the present Appeal No. the Extent the same has been challanged in the present Appeal & restraining the Respondents from claiming / collecting GST charges till the final adjudication of the present Appeal	Matter listed on 02.7.2019	Neeti Niyaman
2	IA No. 760 of 2019 in DFR No. 1021 of 2019	APSPDCL & APEPDCL	CERC & SECI M/s Azure Power India Pvt Ltd (50MW solar power plant)	Interim orders for Stay of the Operation of the impugned order Dated 09.10.2018 passed by the CERC in petition No. 47/MP./2018 til the final adjudication of the present Appeal No. the Extent the same has been challanged in the present Appeal & restraining the Respondents from claiming / collecting GST charges till the final adjudication of the present Appeal	Matter listed on 02.7.2019	Neeti Niyaman
3	IA No. 765 of 2019 in DFR No. 1022 of 2019	APSPDCL & APEPDCL	CERC & SECI M/s ACME Karnal Solar Power Pvt Ltd (50MW solar power plant)	Interim orders for Stay of the Operation of the impugned order Dated 09.10.2018 passed by the CERC in petition No. 189/MP./2017 til the final adjudication of the present Appeal No. the Extent the same has been challanged in the present Appeal & restraining the Respondents from claiming / collecting GST charges till the final adjudication of the present Appeal	Matter listed on 02.7.2019	Neeti Niyaman
4	IA No. 767 of 2019 in DFR No. 1023 of 2019	APSPDCL & APEPDCL	CERC & SECI M/s ACME Hissar Solar Power Pvt Ltd (50MW solar power plant)	Interim orders for Stay of the Operation of the impugned order Dated 09.10.2018 passed by the CERC in petition No. 190/MP./2017 til the final adjudication of the present Appeal No. the Extent the same has been challanged in the present Appeal & restraining the Respondents from claiming / collecting GST charges till the final adjudication of the present Appeal	Matter listed on 02.7.2019	Neeti Niyaman
5	Appeal No. 93 of 2019 & I.A. No. 427 of 2019	M/s SEI Green Flash Private Ltd (30MW Solar power plant)	APERC & APSPDCL	Set aside the Impugned order dated 24.11.2018 in O.P. No. 16 of 2018 passed by the Hon'ble APERC	Counter to be filed	Nishant Talwar
6	Appeal No. 94 of 2019 & I.A. No. 431 of 2019	M/s SEI Arushi Pvt Ltd (30MW solar power plant)	APERC & APSPDCL	Set aside the Impugned order dated 24.11.2018 in O.P. No. 17 of 2018 passed by the Hon'ble APERC	Counter to be filed	Nishant Talwar
7	Appeal No. 95 of 2019 & I.A. No. 432 of 2019	M/s Rain Coke Ltd (22MW solar power plant)	APERC & APSPDCL	Set aside the Impugned order dated 24.11.2018 in O.P. No. 18 of 2018 passed by the Hon'ble APERC	Counter to be filed	Nishant Talwar
8	Petition No. 176/MP/2019	M/s Solairepro Urja Pvt Ltd	NTPC Limited and Anr.	Petition under section 76 of the Electricity Act, 2003 and Article 12 read with article 16.3.1 of the PPA dated 7.2.2018 between the petitioner and NTPC Ltd seeking relief on account of change in Law event, viz,. The imposition of safeguard Duty by notification No. 1/2018 customs (SG) dated 30.7.2018 issued by the department of revenue, ministry of finance, Government of india	Counter to be filed	
9	O.P.No. 01 of 2019 & IA No.1686 of 2019.	M/s Ayana Ananthapuram u Solar Pvt Ltd	APERC & Ors	We have heard on the application filed by Respondent No.3 & 4/DISCOMS, seeking modification of the order dated 29.08.2019. We have gone through the counter affidavit filed by Respondent No.3 & 4. We have gone through our orders, interim orders as well passed from time to time.	Counter to be filed	
10	O.P.No. 02 of 2019 & IA No.1415 of 2019.	M/s SB Energy Solar Pvt Ltd	APERC & Ors	We have heard on the application filed by Respondent No.3 & 4/DISCOMS, seeking modification of the order dated 29.08.2019. We have gone through the counter affidavit filed by Respondent No.3 & 4. We have gone through our orders, interim orders as well passed from time to time.	Counter to be filed	
11	O.P.No. 03 of 2019 & IA No.1418 of 2019.	M/s SB Energy Seven Pvt Ltd	APERC & Ors	We have heard on the application filed by Respondent No.3 & 4/DISCOMS, seeking modification of the order dated 29.08.2019. We have gone through the counter affidavit filed by Respondent No.3 & 4. We have gone through our orders, interim orders as well passed from time to time.	Counter to be filed	
12	O.P.No. 04 of 2019 & IA No.1422 of 2019.	M/s Sprgn Agnitra Pvt Ltd	APERC & Ors	We have heard on the application filed by Respondent No.3 & 4/DISCOMS, seeking modification of the order dated 29.08.2019. We have gone through the counter affidavit filed by Respondent No.3 & 4. We have gone through our orders, interim orders as well passed from time to time.	Counter to be filed	
13	O.P.No. 05 of 2019 & IA No.1424 of 2019.	M/s Sprang Soura Kiran Vidyut Pvt Ltd	APERC & Ors	We have heard on the application filed by Respondent No.3 & 4/DISCOMS, seeking modification of the order dated 29.08.2019. We have gone through the counter affidavit filed by Respondent No.3 & 4. We have gone through our orders, interim orders as well passed from time to time.	Counter to be filed	
14	O.P.No. 06 of 2019 & IA No.1428 of 2019.	M/s Ayana KadapaRenewable Power Pvt Ltd	APERC & Ors	We have heard on the application filed by Respondent No.3 & 4/DISCOMS, seeking modification of the order dated 29.08.2019. We have gone through the counter affidavit filed by Respondent No.3 & 4. We have gone through our orders, interim orders as well passed from time to time.	Counter to be filed	

CASES of Hon'ble APERC As on 14.10.2019

Sl No	Case No	Petitinner	Respondent	Appellate Jurisdiction	Subject / Prayer	Remarks
1	O.P. No.41 of 2019	M/s Palnadu Solar Power Pvt Ltd	APSPDCL	APERC	For determination tariff for newly proposed 4.5 MW Solar Projects	Counter filed
2	O.P. No.31 of 2019	M/s Azure Power Infrastructures Pvt Ltd	APSPDCL	APERC	O&M Charges/GST	Counter filed
3	OP No.49/2017 (Before Hon'ble APERC)	M/s Southern Rock & Minerals Pvt Ltd	APSPDCL	APERC	Petition under Section 86(1) (f) of the Electricity Act, 2003 r/w Clause 15 of Regulation 2 of 2006 & APERC (Conduct of Business) Regulations, 1999 to declare the date of commissioning of its solar plant (1.03 MW) as 16-06-2016 and to extend the benefits and incentives provided under G.O.Ms.No.8 dated 12-02-2015 as adopted in Regulation No.1 of 2016 & Regulation No. 2 of 2016 by allowing banking facility and scheduling of energy enabling petitioner to utilize the same for its captive use	Counter filed
4	Public hearing in the matter of APERC	M/s NTPC 250MW Solar Power From Kadapa Solar Park under NSR Phase-II, Batch- II, Tranche-I.	APSPDCL	APERC	Public hearing in the matter of approval of Power Sale Agreement (PSA) signed by APDISCOMs with M/s. NTPC on 11-12-2017 and adoption of tariff under Section 63 of the Electricity Act, 2003 for purchase of 250 MW Solar Power from Kadapa Solar Park under NSM Phase- II, Batch- II, Tranche-I.	Counter filed
5	Public hearing in the matter of APERC	M/s NTPC 750 MW (Phase-II) Solar Park at NO Kunt, Anantapur DT.	APSPDCL	APERC	Public hearing in the matter of approval of Power Sale Agreement (PSA) signed by APDISCOMs with M/s. NTPC and regulation of price under Section 86 (1) (b) of the Electricity Act, 2003 for purchase of power from 750 MW (Phase - II) Solar Park at NP Kunta, Anantapur District	Counter filed
6	Public hearing in the matter of APERC	M/s SECI 750 MW Kadapa Ultra Mega Solar Park	APSPDCL	APERC	Public hearing in the matter of approval of Power Sale Agreement (PSA) signed by APDISCOMs with M/s. SECI and regulation of price under Section 86 (1) (b) of the Electricity Act, 2003 for purchase of power from 750 MW Kadapa Ultra Mega Solar Park	Counter filed
7	O.P.No.62 of 2019	M/s WANEER Solar Pvt Ltd	APSPDCL	APERC	Petition under section 86(1) (e) & (f) of the Electricity Act, 2003 read with Regulation 55 of the Peincioal Regulation Andhra Pradhsh Electricity Regulatory Commission (Business Rules of the Commission) Regulation, 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 conswquently direct the respondents to refund the amounts adjusted towards penalty amounting to Rs.18,74,70,000/- and adjusted bank guarantees invoked amounting to Rs.6.36Cr.	To be Counter filed
8	O.P.No.59 of 2019	M/s Azure Power Infrastructures Pvt Ltd	APSPDCL	APERC	Petition filed for seeking direction to APSPDCL for expeditiously releasing the payments towards the invoices from August 2018 to July 2019 sale of solar energy along with the interest/delayed payment surcharge on such delayed payments as per the PPA.	To be Counter filed
9	Revision of tariff payable to solar power developers who enters power purchase agreements/ power solar agreements during 2012 to 2016	APSPDCL & APEPDCL	32 Nos Solar power Developers	APERC	Revision of tariff payable to solar power developers who enters power purchase agreements/ power solar agreements during 2012 to 2016	To be Counter filed

8.1.11 Number of cases filed in respect of pilferage of power in various categories giving comparative picture with respect to FY 2018-19 & 2019-20 (upto Sep'19)

PARTICULARS OF CASES REPORTED AND COMPOUNDED DURING THE FINANCIAL YEAR (Apr 2018 - Mar- 2019)																											
Sl. No	Circle	No. of Cases Reported			Cases registered category wise								Compounded Amount	No. of cases compounded							U.I to P.T	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	Others	M.T.C		Total	HT	Cat-I	Cat-II	Cat-III	Cat-IV	Cat-V						Others	Total
1	Vijayawada	760	1236	1996	1	1711	179	85	1	15	4	0	1996	5036500	0	1711	179	83	1	15	4	1993	2	0	1995	3519500	0
2	Guntur	2776	2648	5424	0	4816	368	46	0	185	9	0	5424	6376500	0	4687	372	61	0	142	9	5271	1	0	5272	6251000	1
3	Ongole	3721	2232	5953	0	4743	711	19	0	456	24	0	5953	7117500	0	4762	743	17	0	470	26	6018	2	0	6020	7259500	0
4	Nellore	2866	1569	4435	1	3408	150	731	0	134	11	0	4435	9490500	1	3379	148	729	14	102	11	4384	3	0	4387	9556500	0
5	Tirupati	3603	3286	6889	0	6678	99	11	0	1	0	0	6789	4466500	0	6512	89	8	0	0	1	6610	2	0	6612	4383500	0
6	Kadapa	6495	4839	11334	0	11112	197	12	1	5	7	0	11334	10420000	0	11402	183	10	1	3	8	11607	13	0	11620	10178500	3
7	Anantapur	6066	3330	9396	0	8965	399	8	0	1	23	0	9396	7481500	0	8819	388	8	1	1	22	9239	8	0	9247	7236500	0
8	Kurnool	4177	4799	8976	0	8814	145	13	0	1	3	0	8976	7053000	0	8831	143	10	3	1	0	8988	0	0	8988	7011500	0
	Total	30464	23939	54403	2	50247	2248	925	2	798	81	0	54303	57442000	1	50103	2245	926	20	734	81	54110	31	0	54141	55396500	4

PARTICULARS OF CASES REPORTED AND COMPOUNDED DURING THE FINANCIAL YEAR (Apr 2019 - Sep- 2019)																											
Sl. No	Circle	No. of Cases Reported			Cases registered category wise								Compounded Amount	No. of cases compounded							U.I to P.T	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	Others	M.T.C		Total	HT	Cat-I	Cat-II	Cat-III	Cat-IV	Cat-V						Others	Total
1	Vijayawada	332	441	773	0	713	40	4	3	13	0	0	773	963000	0	710	39	4	3	13	0	769	2	0	771	960000	0
2	Guntur	1075	1355	2430	0	2289	93	2	0	46	0	0	2430	2384000	0	2311	93	5	1	73	0	2483	0	0	2483	2502500	0
3	Ongole	1637	843	2480	0	2034	203	8	7	228	0	0	2480	3128000	0	2033	216	8	6	215	0	2478	0	0	2478	3155000	0
4	Nellore	1049	696	1745	0	1404	89	0	3	249	0	0	1745	2310000	0	1373	83	1	2	256	0	1715	0	0	1715	2258000	0
5	Tirupati	634	1143	1777	0	1736	36	3	1	1	0	0	1777	1294500	0	2531	48	3	1	2	0	2585	0	0	2585	1708000	0
6	Kadapa	2032	1968	4000	0	3935	62	1	1	1	0	0	4000	3498000	0	3523	63	1	1	3	0	3591	0	0	3591	3205000	0
7	Anantapur	1787	801	2588	0	2435	132	5	15	1	0	0	2588	2606000	0	2245	121	4	13	1	0	2384	1	0	2385	2447000	0
8	Kurnool	2432	2119	4551	0	4473	74	1	1	2	0	0	4551	2951000	0	4490	69	3	1	1	0	4564	0	0	4564	3041500	0
	Total	10978	9366	20344	0	19019	729	24	31	541	0	0	20344	19134500	0	19216	732	29	28	564	0	20569	3	0	20572	19277000	0

9 Cost of Service for FY 2020-21

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 of 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 also, considering the under lying complex exercise involved in data collection etc., in arriving CoS though 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 2020-21.

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

Estimated Energy Sales for FY 2020-21	
Particulars	Sales in MU
Sales at LT Level	26444.58
Sales at 11 KV Level	3191.86
Sales at 33 KV Level	4086.69
Sales at 132 KV Level and above	5070.70
Total Sales	38793.83

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 2020-21 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 2020-21	
Particulars	Loss %
T&D Loss at LT Level	13.29
T&D Loss at 11 KV Level	9.41
T&D Loss at 33 KV Level	6.31
T&D Loss at 132 KV Level and above	3.17

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 2020-21	
Particulars	Input in MU
Input at LT Level	30496.72
Input at 11 KV Level	3523.25
Input at 33 KV Level	4362.13
Input at 132 KV Level and above	5236.53
Total Input	43618.64

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 2020-21	
Particulars	ARR in Crs.
For at LT Level	19960.18
For at 11 KV Level	2305.98
For at 33 KV Level	2855.03
For at 132 KV Level and above	3427.33
Total ARR allocation	28548.51

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 2020-21 as shown in the Table below:

Estimated Cost of Service (CoS) for FY 2020-21	
Particulars	Rs./Unit
For at LT Level	7.55
For at 11 KV Level	7.22
For at 33 KV Level	6.99
For at 132 KV Level and above	6.76
Average	7.36

10 Retail Supply Business True-up for FY 2018-19 and True-up for FY 2019-20 :

As per Andhra Pradesh Electricity Regulatory Commission (APERC) Regulation No. 1 of 2014, 'First Amendment to (Terms and Conditions for Determination of Tariff for Wheeling and Retail Sale of Electricity) Regulation No. 4 of 2005' –

- a. *The Distribution Licensee shall include the power purchase cost variation over the previous year Power Purchase cost in the Tariff Order as expense (in the event of incurring excess cost)/rebate (in case of cost saving) in the ARR as special item with relevant details. To arrive the power purchase cost variation, the least of the following power purchase quantity is to be considered:*
- i) *Actual power purchase quantity procured by the Discoms for its consumers.*
 - ii) *Power purchase quantity computed based on actual sales except LT Agriculture sales. LT Agriculture sales will be limited to Tariff Order quantity. These aggregated sales will be grossed up with approved losses for the relevant year in the MYT orders.*
- b. *Since the complete information of cost actually incurred relating to previous year will not be available at the time of filing of ARR for a particular tariff year, the Licensee may include provisional cost variation for the previous year in ARR filings which will be subject to final correction by the Commission as and when final accounts for that year become available.*

The licensee has submitted the True-up petition for FY 2018-19 before the Honourable Commission on 07-11-2019. The provisional True-up of power purchase cost for FY 2019-20 is given below.

Rs. Crs.

2019-20			
Particulars	Approved	Present Estimate	Diff.
Power Purchase/Procurement Cost	16805.80	20404.12	3598.32

The station wise estimated power purchase cost for FY 2019-20 is as per Retails Supply Format No.1.4 PP Cost. The licensee prays that the Honourable Commission may approve the provisional true-up of Rs.3598.32 Crs. on account of power purchase cost variation.

11 Tariff Proposals for FY 2020-21

Licenseses 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 2019-20.

The following changes have been proposed:

LT-I Domestic : The licensee proposed to dispense with the categorization of consumers based on consumption during the previous financial year and levy energy charges based on consumption of current month.

Sub-Category	Slab	Energy Charges (Rs./Kwh)
A: <= 75 Units per month	0-50	1.45
	51-75	2.60
B: > 75-225 Units Per month	0-50	2.60
	51-100	2.60
	101-200	3.60
	201-225	6.90
C: >225 Units Per month	0-50	2.65
	51-100	3.35
	101-200	5.40
	201-300	7.10
	301-400	7.95
	401-500	8.50
	>500	9.95

HT-I- Gated communities, Bungalows & Villas: The licensee proposes to include gated communities, villas & Bungalows in this category with energy charges of Rs 7.00 per unit

Commercial & Non-Domestic:

LT -II C-General: The existing subcategories ie II-C–Advertising Hoardings and II-D- Function Halls/Auditoriums, Startup power and II-E, E.V.Charging Stations are clubbed into single Group IIC-General, duly adopting tariffs of Advertising Hoardings of energy charges of Rs. 12.25 per unit with Fixed Charges of Rs.100 per KW. Additionally, the railway stations and Bus stands which are previously in LT -IIA Commercial are also oriented into LT-IIC-General now.

HT -II Commercial

HT-II A-General: The licensee proposes to club existing HT Cat II-B-Public Infrastructure and Tourism and HT-II-E-EV Charging Stations with HT-II-A-Commercial renaming as HT-II-A-General

Category	11KV	33KV	132KV and above
Existing Tariff			
HT-II(A) Commercial	7.65	6.95	6.70
TOD peak (6PM to 10PM)	8.65	7.95	7.70
HT-II(B) Public Infrastructure & Tourism	7.30	6.65	6.35

Category	11KV	33KV	132KV and above
TOD peak (6PM to 10PM)	8.30	7.65	7.35
HT-II(E) EV Charging Stations	5.00	5.00	5.00
Proposed Tariff			
HT-II A-General:	7.65	7.50	7.35
TOD peak (6PM to 10PM)	8.65	8.50	8.35

HT-II B-Occasional: The licensee proposes to merge the existing HT Cat II-D-Function Halls/Auditoriums, Startup power & HT-II-F- Green power into single group as HT-II-B-Occasional.

Category	11KV	33KV	132KV and above
Existing Tariff			
HT-II-D Function Halls/Auditoriums, Startup power	11.75	11.75	11.75
HT-II-F-Green Power	11.30	11.30	11.30
Proposed Tariff			
H-II B-Occasional:	12.25	12.25	12.25

III Industry:

HT-III-A : Industry (General) : The licensee proposes to withdraw the load factor incentive scheme for FY 2020-21

HT-III-C-Energy Intensive Industries: The licensee proposes to incorporate a condition to Energy Intensive industries as follows:

“If the monthly consumption of Energy Intensive Industries falls below 85% Load utilization factor during any billing month, the consumer shall be billed in HT-III-A-Industry General Category in the billing month”.

IV-Institutional:

LT – Institutional-A-Utilities: The Licensee proposes that the existing subcategories of Panchayats, Municipalities & Municipal Corporations of IV-A- Street lighting & IV-B-CPWS/PWS schemes and LT-IV-C-NTR Sujala Pathakam are clubbed into one subcategory and renaming as LT-IV – Institutional-A-Utilities and the regrouping as Panchayats and Urban Local bodies as follows:

Category	Fixed Charges per month (Rs./HP or KW)	Energy Charges (Rs per Unit)
Existing Tariff		
LT-IV- A- Street lighting		
(i) Panchayats	75	5.95
(ii) Municipalities	75	6.50
(iii) Municipal Corporations	75	7.05
IV- B- CPWS/PWS Schemes		
(i) Panchayats	75	4.85
(ii) Municipalities	75	5.95
(iii) Municipal Corporations	75	6.50
IV- C- NTR Sujala Pathakam	10	4.00
Proposed Tariff		

LT-IV-A-Utilities		
Panchayats	75	7.00
Urban Local bodies	75	7.00

LT – Institutional-B-General: The Licensee proposes renaming of the existing subcategories of IV-D-General purpose as LT-IV –Institutional-B-General with tariffs as given below:

Category	Fixed Charges per month (Rs./HP or KW)	Energy Charges (Rs per Unit)
Existing Tariff		
LT-IV- D- General purpose	30	7.25
Proposed Tariff		
LT-IV-B-General	75	7.00

IV-HT-Institutional:

HT IV-A-Utilities: The Licensee proposes the existing subcategory HT-IV-B-CPWS/PWS Schemes to be renamed as HT IV-A-Utilities and proposes an increase energy charges 11KV – Rs.7.95, 33KV - Rs.7.25 & 132KV - Rs.7.00 per unit with fixed charges Rs.475 / KVA / Month.

HT IV-B-General : The Licensee proposes to introduce new category with Govt. offices, Govt. educational institutions / Hostels, Govt. Hospitals & Charitable institutions with tariff as given below:

Category	Fixed Charges per month (Rs./HP or KW)	Energy Charges (Rs per Unit)
Existing Tariff (II (A) Commercial)		
11 KV	475	7.65
33 KV	475	6.95
132 KV	475	6.70
Proposed Tariff (IV-B General)		
11 KV	475	7.95
33 KV	475	7.25
132 KV	475	7.00

HT IV-D-Railway traction: The Licensee proposes to increase in energy charges from Rs. 3.75 to 6.50 per unit.

V-Agriculture and related:

LT-V-Agriculture and related: LT-V-A-Corporate Farmers: The licensee proposes a flat rate Tariff of Rs. 200/HP/Month in place of energy charges of Rs. 2.50 per unit. LT-V-D-Hatcheries, Feed Mixing Plants and Floriculture: The licensee proposes an increase in Energy Charges from Rs. 3.85 to 4.50 per unit

HT-V-Agriculture and related:

HT-V-B-Hatcheries, Feed Mixing Plants and Floriculture: The licensee proposes an increase in Energy Charges from Rs. 4.85 to 5.25 per unit

HT-V-C-Lift Irrigations: The licensee proposes an increase in Energy Charges from Rs. 5.80 to 7.15 per unit

RECSOs: The activity of RESCOs is similar to that of the Licensee in implementing similar tariffs as approved by the Hon'ble commission wherein RESCOs draw power from Licensee as determined by

the Commission. In order to encourage a competitive spirit on par with DISCOM, the Licensee proposes to increase Resco Tariff Rs 3.50 per unit each for both RESCOs.

Revenue Impact: The overall revenue gain due to above Tariff Proposals is Rs.843.07 Crores (including Non-Tariff Income) as shown in the Table below:

Category	LT			HT			Total		
	Previous	Present	Loss / Gain	Previous	Present	Loss / Gain	Previous	Present	Loss / Gain
I	4435.05	4379.62	-55.43	16.60	18.17	1.57	4451.65	4397.78	-53.86
II	2323.10	2013.28	-309.82	1337.04	1255.09	-81.96	3660.15	3268.37	-391.78
III	826.88	857.32	30.44	5893.95	5907.73	13.78	6720.83	6765.05	44.21
IV	611.60	923.73	312.13	574.92	1045.61	470.69	1186.52	1969.34	782.82
V	975.66	1040.53	64.87	1218.89	1456.13	237.23	2194.55	2496.66	302.10
Resco	0.00	0	0.00	33.57	192.38	158.80	33.57	192.38	158.80
Temporary	0.02	0.78	0.77	0.03	0.03	0.00	0.05	0.82	0.77
Total	9172.31	9215.27	42.96	9075.02	9875.13	800.11	18247.33	19090.40	843.07

The estimated revenue gap with proposed tariffs for the licensee for FY 2020-21 is as follows:

S.No.	Particulars	FY 2020-21
A	Aggregate Revenue Requirement	28548.51
B	Revenue from Current Tariffs (Net of incentives) (Rs. Crs.)	18247.33
C	Revenue changed through proposed tariff	843.07
D	Revenue from Cross Subsidy Surcharge	92.18
E	Revenue from Additional Surcharge	0.00
F	Revenue from REC	0.00
G = (B+C+D+E+F)	Total Revenue	19182.58
H = G-A	Revenue (Deficit) / Surplus (Rs. Crs.)	-9365.94

Tariff Schedule for FY 2020-21

Proposed Retail Supply Tariff Schedule for FY 2020-21									
Category	Sub-Category	Slab	LT - Fixed/Demand Charges per month (Rs./HP or KW)	LT- Energy charges (Rs./Unit)	Billing Unit	HT-Fixed Charges (Rs. per KW/KVA)	HT- 11 KV Energy Charges (Rs./Unit)	HT -33 KV Energy Charges (Rs./Unit)	EHT- 132 KV and above Energy Charges (Rs./Unit)
I Domestic -LT	A: <= 75 units per month	0-50		1.45	kWh				
		51-75		2.60	kWh				
	B: > 75 - 225 Units per month	0-50		2.60	kWh				
		51-100		2.60	kWh				
		101-200		3.60	kWh				
		201-225		6.90	kWh				
	C: > 225 Units per month	0-50		2.65	kWh				
		51-100		3.35	kWh				
		101-200		5.40	kWh				
		201-300		7.10	kWh				
301-400			7.95	kWh					
401-500			8.50	kWh					
	Above 500 units		9.95	kWh					
I Domestic -HT	Gated communities, Bungalows & Villas	All Units	-	-	kVAh	75	7.00	7.00	7.00
II Commerical & Non-Domestic - LT	A: <=50 Units	0-50	55	5.40	kWh/kVAh	-	-	-	-
		0-50	75	6.90	kWh/kVAh	-	-	-	-
		51-100	75	7.65	kWh/kVAh	-	-	-	-
		101-300	75	9.05	kWh/kVAh	-	-	-	-
		301-500	75	9.60	kWh/kVAh	-	-	-	-
		>500	75	10.15	kWh/kVAh	-	-	-	-
	C: General	Hoardings, Function Halls, Start up power, Railway Stations, Bus Stands & EV Charging stations	100	12.25	kWh/kVAh	-	-	-	-
II Commerical- HT	A: General	Offices, Hotels, Private Hospitals, Private Educational Institutions, Railway Stations, Bus Stations, Airports, EV Charging Stations & others not covered elsewhere			kVAh	475	7.65	7.50	7.35
		Time of Day Tariff(ToD)- Peak (6PM to 10PM)			kVAh		8.65	8.50	8.35
	B: Occasional	Function Halls, MICE, Start Up Power, Green Power			kVAh	-	12.25	12.25	12.25
III Industry- LT	A: Industry (General)		75	6.70	kWh/kVAh				
	B: Seasonal Industries (Off Season)		75	7.45	kWh/kVAh				
	C: Cottage Industries (upto 10 HP)		20	3.75	kWh/kVAh				
III Industry-HT	A: Industry General	Industry General			kVAh	475	6.30	5.85	5.40
		Time of Day Tariff(ToD)- Peak (6AM to 10AM & 6PM to 10PM)			kVAh		7.30	6.85	6.40
		Time of Day Tariff(ToD)- Off Peak (10PM to 6AM)			kVAh		5.30	4.85	4.40
		Industrial Colonies			kVAh		7.00	7.00	7.00
	B: Seasonal Industries (Off Season)				kVAh	475	7.65	6.95	6.70
C: Energy Intensive Industries	Mandatory Load Factor =>85%			kVAh	0	5.80	5.35	4.95	
IV Institutional - LT	A : Utilities	Panchayats	75	7	kWh/kVAh				
		Urban local bodies	75	7.0	kWh/kVAh	-	-	-	-
	B : General	Govt. offices, Govt Educational Institutions/ Hostels, Govt. Hospitals, Charitable Insitutions	75	7.0	kWh/kVAh	-	-	-	-
C: Religious (<2KW / >2KW)	Religious places	30	4.80/5.00	kWh/kVAh					
IV Institutional HT	A : Utilities	CPWS/PWS			kWh/kVAh	475	7.95	7.25	7.00
	B: General				kWh/kVAh	475	7.95	7.25	7.00
	C: Religious	Religious places			kWh/kVAh	30	5.00	5.00	5.00
	D: Railway Traction				kWh/kVAh	350	6.50	6.50	6.50
V Agriculture & related- LT	A: Corporate Farmers	Corporate Farmers / Salt Farming Units upto 15 HP		200/HP/ Month	HP	-	-	-	-
	B: Non-Corporate Farmers	Non-Corporate Farmers, Sugar cane crushing, Rural Horticulture Nurseries	0	0	kWh/kVAh	-	-	-	-
	C : Aqua Culture, Animal husbandry	Aqua Culture & Animal Husbandry	30	3.85	kWh/kVAh	-	-	-	-
	D: Hatcheries, Feed Mixing plants, Floriculture	Poultry Hatcheries & Feed Mixing Plants, Aqua hatcheries & Feed mixing plants, Floriculture in Green Houses	75	4.50	kWh/kVAh				
	E: Agro based Cottage Industries	Cottage Industries Up to 10 HP	20	3.75	kWh/kVAh	-	-	-	-
V- Agriculture & related - HT	A : Aqua Culture, Animal husbandry	Aqua Culture & Animal Husbandry			kVAh	30	3.85	3.85	3.85
	B: Hatcheries, Feed Mixing plants, Floriculture	Poultry Hatcheries & Feed Mixing Plants, Aqua hatcheries & Feed mixing plants, Floriculture in Green Houses			kVAh	475	5.25	5.25	5.25
	C: Lift Irrigation Schemes	Govt & Private Lift Irrigation Schemes			kVAh	0	7.15	7.15	7.15

12 Determination of Cross Subsidy Surcharge for FY 2020-21

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)
HT I (B): Townships & Residential Colonies								
11 KV	7.42	4.91	1.37	9.41%	0	0.81	1.48	0.81
33 KV	7.42	4.91	0.60	6.32%	0	1.91	1.48	1.48
HT Cat-II : Commercial								
A) General								
11 KV	9.21	4.91	1.37	9.41%	0	2.60	1.84	1.84
33 KV	10.30	4.91	0.60	6.32%	0	4.63	2.06	2.06
132 KV	9.32	4.91	0.49	3.17%	0	3.92	1.86	1.86
B) Occasional								
11 KV	12.25	4.91	1.37	9.41%	0	5.64	2.45	2.45
33 KV	12.25	4.91	0.60	6.32%	0	6.58	2.45	2.45
132 KV	12.25	4.91	0.49	3.17%	0	6.85	2.45	2.45
HT Cat-III : Industry								
A) Industrial General								
11 KV	9.37	4.91	1.37	9.41%	0	2.76	1.87	1.87
33 KV	7.42	4.91	0.60	6.32%	0	1.75	1.48	1.48
132 KV	6.77	4.91	0.49	3.17%	0	1.37	1.35	1.35
B) Industrial Seasonal					0			
11 KV	7.65	4.91	1.37	9.41%	0	1.04	1.53	1.04
33 KV	6.95	4.91	0.60	6.32%	0	1.44	1.39	1.39
C) Energy Intensive					0			
11 KV	5.80	4.91	1.37	9.41%	0	0.00	1.16	0.00
33 KV	5.35	4.91	0.60	6.32%	0	0.00	1.07	0.00
132 KV	4.95	4.91	0.49	3.17%	0	0.00	0.99	0.00
HT Cat-IV : Institutions					0			
A) Utilities								
11 KV	10.42	4.91	1.37	9.41%	0	3.82	2.08	2.08
33 KV	9.22	4.91	0.60	6.32%	0	3.71	1.84	1.84
B) General Purpose								
11 KV	10.26	4.91	1.37	9.41%	0	3.66	2.05	2.05
33 KV	9.98	4.91	0.60	6.32%	0	4.47	2.00	2.00
D) Railway Traction								
132 KV	8.23	4.91	0.49	3.17%	0	2.83	1.65	1.65
C) Religious Places								
11 KV	5.39	4.91	1.37	9.41%	0	0.00	1.08	0.00
33 KV	5.39	4.91	0.60	6.32%	0	0.00	1.08	0.00
132 KV	5.39	4.91	0.49	3.17%	0	0.00	1.08	0.00
HT Cat-V : Agriculture & Related								
A) Animal husbandry & Aqua								
11 KV	4.07	4.91	1.37	9.41%	0	0.00	0.81	0.00
33 KV	4.07	4.91	0.60	6.32%	0	0.00	0.81	0.00
B) Hatcheries, Feed Mixing Plants & Flori culture								
11 KV	7.96	4.91	1.37	9.41%	0	1.35	1.59	1.35
33 KV	7.96	4.91	0.60	6.32%	0	2.45	1.59	1.59
C) Lift Irrigation Schemes								
11 KV	7.15	4.91	1.37	9.41%	0	0.54	1.43	0.54
33 KV	7.15	4.91	0.60	6.32%	0	1.48	1.43	1.43
132 KV	7.15	4.91	0.49	3.17%	0	1.75	1.43	1.43

13 Additional Surcharge

The Licensee filed for Additional Surcharge of Rs. 0.95 per unit in petition for ARR of FY 2018-19.

The Hon'ble Commission disallowed it with following comments:

“the Licensees have not been able to demonstrate the above conclusively, as the parameters for grant of additional surcharge prescribed by section 42(4) read with clause 8.5.4 of the National Tariff Policy, 2016 are not satisfactorily established to exist to sustain such a claim. Therefore, the Commission is not rendering any decision on the eligibility or otherwise of the licensees to collect such additional surcharge from a consumer or any class of consumers for FY2018-19 in the present consideration. However, the licensees are at liberty to move an appropriate application for the purpose in accordance with law sufficiently supported by the relevant data and material which may be considered on merits.”

Hence, the Licensee requests the Hon'ble Commission to determine the methodology for determination of the Additional Surcharge. Based on the methodology, the Licensee shall file the Additional Surcharge in supplementary filings.

14 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 2019-20 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)	02-12-19
Multi Year Tariff Period	FY 2020-24
Year	FY2020-21
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	<u>Form 1</u>
2	Transmission Cost	<u>Form 1.1</u>
3	SLDC Charges	<u>Form 1.2</u>
4	Distribution Cost	<u>Form 1.3</u>
5	Power Purchase and Procurement Cost (For Regulated Business)	<u>Form 1.4</u>
6	NCE Generation (Base Year)	<u>Form 1.4 (i)</u>
7	NCE Generation (Year 1)	<u>Form 1.4(ii)</u>
8	NCE Generation (Year 2)	<u>Form 1.4(iii)</u>
9	NCE Generation (Year 3)	<u>Form 1.4(iv)</u>
10	NCE Generation (Year 4)	<u>Form 1.4(v)</u>
11	NCE Generation (Year 5)	<u>Form 1.4(vi)</u>
12	Power Purchase and Procurement Cost (For Non-regulated Business)	<u>Form 1.4a</u>
13	Sales to Licensees	<u>Form 1.4b</u>
14	Discom-Discom Purchases	<u>Form 1.4c</u>
15	Interest on Consumer Security Deposits	<u>Form 1.5</u>
16	Supply Margin	<u>Form 1.6</u>
17	Other Costs	<u>Form 1.7</u>
18	New consumer categories	<u>Form A</u>
19	Cost of Service	<u>Form 2</u>
20	Sales Forecast	<u>Form 3</u>
21	Power Purchase Requirement	<u>Form 4</u>
22	Energy Losses (Distribution System)	<u>Form 4a</u>
23	Transmission Losses	<u>Form 4b</u>
24	Energy Availability	<u>Form 4.1</u>
25	Energy Dispatch	<u>Form 4.2</u>
26	Revenue from Current Tariffs	<u>Form 5</u>
27	Incentives at current Tariffs	<u>Form 5a</u>
28	Consumers switching to competition	<u>Form 5b</u>
29	Consumers served under Open Access as per Section 42 and Section 49 of E Act	<u>Form 5c</u>
30	Non-tariff Income at current charges	<u>Form 6</u>
31	Total Revenue at Current tariff and Charges	<u>Form 7</u>
32	Revenue Deficit/Surplus at current tariff and charges	<u>Form 8</u>
33	Revenue Deficit/Surplus and Proposed Adjustments	<u>Form 9</u>
34	Revenue from Proposed Tariffs	<u>Form 10</u>
35	Incentives at Proposed Tariffs	<u>Form 10a</u>
36	Non-tariff Income at proposed charges	<u>Form 11</u>
37	Total Revenue at Proposed Tariff and Charges	<u>Form 12</u>
38	Cost and Revenue	<u>Form 13</u>

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 2020-21, Licensees shall provide**
 Full projections for FY2020-21
 Estimates for FY2019-20 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

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**

1	Load not eligible for Open Access	Load within the area of supply of the licensees not satisfying the eligibility criteria to avail open access as per Commission's Regulation during the time period under consideration.
2	Load Eligible for Open Access	Load within the area of supply of the licensees and satisfying the eligibility criteria to avail open access as per Commission's Regulation during the period under consideration whether availing power through Open Access or not.
3	Availed (within area of supply)	Load within the area of supply of the Licensee and availing power through Open Access whether from the same Licensee or any other supplier.
4	Availed (Outside Area of supply)	Load outside the area of supply of the Licensee but availing power through Open Access from the Licensee under consideration.

Form 1 Aggregate Revenue Requirement for Retail Supply Business

Amount (in Rs. crores)

Revenue Requirement Item (Rs. Crs.)		Details link	For Control Period				
			2019-20	2020-21	2021-22	2022-23	2023-24
1	Transmission Cost	Form 1.1	1,041.31	1,304.58	0.00	0.00	0.00
2	SLDC Cost	Form 1.2	20.13	21.56	0.00	0.00	0.00
3	Distribution Cost	Form 1.3	3,622.00	4,178.00	0.00	0.00	0.00
4	PGCIL Expenses		969.44	1,166.31			
5	ULDC Charges		2.85	2.94			
6	Network and SLDC Cost (1+2+3+4+5)		5,655.73	6,673.39	0.00	0.00	0.00
7	Power Purchase / Procurement Cost	Form 1.4	20,404.12	21,430.91	0.00	0.00	0.00
8	Interest on Consumer Security Deposits	Form 1.5	167.20	184.56	0.00	0.00	0.00
9	Supply Margin in Retail Supply Business	Form 1.6	28.31	77.59	0.00	0.00	0.00
10	Other Costs, if any	Form 1.7	130.87	182.07	0.00	0.00	0.00
11	Supply Cost (7+8+9+10)		20,730.50	21,875.12	0.00	0.00	0.00
12	Aggregate Revenue Requirement (6+11)		26,386.23	28,548.51	0.00	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			Load Eligible for Open Access			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			Load Eligible for Open Access			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			Load Eligible for Open Access			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	4269.70	119.28	611.15	3005.30	119.28	430.17						
Total	4269.70		611.15	3005.30		430.17	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 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))	4269.70		611.15	3005.30		430.17	0.00		0.00	0.00		0.00

Form 1.1

Transmission Cost

2020-21		Year 2										
(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	4672.44	138.88	778.69	3155.56	138.88	525.89						
Total	4672.44		778.69	3155.56		525.89	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))	4672.44		778.69	3155.56		525.89	0.00			0.00	0.00	0.00

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	4269.70	1917.48	0.82	4269.70	2146.34	11.00	11.82
Open Access							
Load Eligible for Open Access	3005.30	1917.48	0.58	3005.30	2146.34	7.74	8.32
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	4672.44	2838.01	1.33	4672.44	2058.18	11.54	12.87
Open Access							
Load Eligible for Open Access	3155.56	2838.01	0.90	3155.56	2058.18	7.79	8.69
Availed (within area of supply)			0.00			0.00	0.00
Availed (Outside Area of supply)			0.00			0.00	0.00

Form 1.3

Distribution Cost

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			Availed (within area of supply)			Availed (Outside Area of supply)					
	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)
SPDCL (33 KV)				1024.68	15.17	19.63						
SPDCL (11 KV)				87.40	240.68	26.57						
SPDCL LT												
Total (Non Eligible OA Cost)	7104.58	0.00	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			Availed (within area of supply)			Availed (Outside Area of supply)					
	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)
Total	0.00		0.00	0.00		0.00	0.00		0.00	0.00		0.00
Total Long term + Short term Contracts ((A) + (B))	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			Availed (within area of supply)			Availed (Outside Area of supply)					
	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)
SPDCL (33 KV)				1075.91	61.16	83.12						
SPDCL (11 KV)				91.77	432.38	50.12						
SPDCL LT												
Total (Non Eligible OA Cost)	6107.32		3488.76									
Total	6107.32		3488.76	1167.68		133.24	0.00		0.00	0.00		0.00

(B) Short Term and Temporary Contracts

Name of Distribution service provider	Load not eligible for Open Access			Open Access								
	Load Eligible for Open Access			Availed (within area of supply)			Availed (Outside Area of supply)					
	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)
Total	0.00		0.00	0.00		0.00	0.00		0.00	0.00		0.00
Total Long term + Short term Contracts ((A) + (B))	6107.32		3488.76	1167.68		133.24	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			Availed (within area of supply)			Availed (Outside Area of supply)		
	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)
SPDCL (33 KV)				1129.71	64.11	91.48						
SPDCL (11 KV)				96.36	447.58	54.48						
SPDCL LT												
Total (Non Eligible OA Cost)	6601.93		4032.04									
Total	6601.93		4032.04	1226.07		145.96	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			Availed (within area of supply)			Availed (Outside Area of supply)		
	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)
Total	0.00		0.00	0.00		0.00	0.00		0.00	0.00		0.00
Total Long term + Short term Contracts ((A) + (B))	6601.93		4032.04	1226.07		145.96	0.00		0.00	0.00		0.00

Generating Station	D Link	Plant Type Must Run = 1 Others = 2	Plant Capacity	DISCOM's share	DISCOM's share	Availability and Dispatch (MU)		Cost (Rs. Crs.)						Unit Cost (Rs. / kWh)							
								Net Availability	Dispatch	Fixed	Variable	Incentive	Inc. Tax	Others	Total	Fixed	Inctv	Inc. Tax	Others	Variable	Total
			(MW)	(%)	(MW)																
MARKET							0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Short Term Purchases (Trading/IEX/PXIL)							820.45	0.00	373.16	0.00	0.00	0.00	373.16	0.00	0.00	0.00	0.00	0.00	0.00	4.55	4.55
Short Term Purchases (Swap Receipt)							271.84	0.00	62.92	0.00	0.00	0.00	62.92	0.00	0.00	0.00	0.00	0.00	0.00	2.31	2.31
Short Term Purchases (Swap Return)							-2714.94	0.00	1296.83	0.00	0.00	0.00	1296.83	0.00	0.00	0.00	0.00	0.00	0.00	-4.78	-4.78
Market sources							3518.09	0.00	1701.43	0.00	0.00	0.00	1701.43	0.00	0.00	0.00	0.00	0.00	0.00	4.84	4.84
POSO CO Deviation Charges(UI Charges)							0.00	0.00	25.18	0.00	0.00	0.00	25.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
D<>D Transactions							-1570.21		-502.47				-502.47	0.00	0.00	0.00	0.00	0.00	0.00	3.20	3.20
TOTAL MARKET							325.23	0.00	2957.05	0.00	0.00	0.00	2957.05								
TOTAL (From All Sources)							41342.68	5008.84	15362.45	18.35	0.00	14.48	20404.12	1.21	0.00	0.00	0.00	0.00	0.00	3.72	4.94

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

2020-21

Generating Station	D Link	Plant Type Must Run = 1 Others = 2	Plant Capacity	DISCOM's share	DISCOM's share	Availability and Dispatch (MU)		Cost (Rs. Crs.)						Unit Cost (Rs. / kWh)									
						Net Availability	Dispatch	Fixed	Variable	Incentive	Income Tax	Others	Total	Fixed	Incentives	Income Tax	Others	Variable	Total				
			(MW)	(%)	(MW)																		
APGENCO-THERMAL																							
VTPS I			420	100%	420	1760.55	1760.55	148.87	646.12	0.00	0.00	0.00	794.99	0.85	0.00	0.00	0.00	0.00	0.00	3.67	4.52		
VTPS II			420	100%	420	1760.67	1760.67	148.87	646.16	0.00	0.00	0.00	795.04	0.85	0.00	0.00	0.00	0.00	0.00	3.67	4.52		
VTPS III			420	100%	420	1760.66	1760.66	148.87	646.16	0.00	0.00	0.00	795.03	0.85	0.00	0.00	0.00	0.00	0.00	3.67	4.52		
VTPS IV			500	100%	500	2130.44	2130.44	185.96	737.13	0.00	0.00	0.00	923.10	0.87	0.00	0.00	0.00	0.00	0.00	3.46	4.33		
VTPS V			800	100%	800	1467.45	1467.45	400.17	462.25	0.00	0.00	0.00	862.42	2.73	0.00	0.00	0.00	0.00	0.00	3.15	5.88		
RTPP Stage-I			420	100%	420	1760.55	1604.62	170.52	681.96	0.00	0.00	0.00	852.49	1.06	0.00	0.00	0.00	0.00	0.00	4.25	5.31		
RTPP Stage-II			420	100%	420	1760.55	1486.48	166.12	631.75	0.00	0.00	0.00	797.87	1.12	0.00	0.00	0.00	0.00	0.00	4.25	5.37		
RTPP Stage-III			210	100%	210	880.56	729.53	122.89	310.05	0.00	0.00	0.00	432.94	1.68	0.00	0.00	0.00	0.00	0.00	4.25	5.93		
RTPP Stage-IV			600	100%	600	2597.99	2597.99	724.17	1002.82	0.00	0.00	0.00	1726.99	2.79	0.00	0.00	0.00	0.00	0.00	3.86	6.65		
Damodaram Sanjeevalah Thermal power plant - I			1600	100%	1600	6894.77	6894.77	1316.03	2164.96	0.00	0.00	0.00	3480.99	1.91	0.00	0.00	0.00	0.00	0.00	3.14	5.05		
Damodaram Sanjeevalah Thermal power plant - II			800	100%	800	1621.30	1621.30	309.67	509.09	0.00	0.00	0.00	818.76	1.91	0.00	0.00	0.00	0.00	0.00	3.14	5.05		
Interest on pension bonds (Over and above schedule)			0.00	0.00	0.00	0.00	0.00	605.70	0.00	0.00	0.00	0.00	605.70	0.25	0.00	0.00	0.00	0.00	0.00	0.00	0.25		
TOTAL THERMAL			6610.00		6610.00	24395.48	23814.45	4447.85	8438.46	0.00	0.00	0.00	12886.31	1.87	0.00	0.00	0.00	0.00	0.00	3.54	5.41		
APGENCO-HYDEL																							
MACHKUND PH AP Share			84	100%	84	193.54	193.54	23.01	0.00	0.00	0.00	0.00	23.01	1.19	0.00	0.00	0.00	0.00	0.00	0.00	1.19		
TUNGBHADRA PH AP Share			57.6	100%	57.6	80.75	80.75	15.78	0.00	0.00	0.00	0.00	15.78	1.95	0.00	0.00	0.00	0.00	0.00	0.00	1.95		
Upper Sileru Power House (AP)			240	100%	240	281.45	281.45	50.32	0.00	0.00	0.00	0.00	50.32	1.79	0.00	0.00	0.00	0.00	0.00	0.00	1.79		
Lower Sileru Power House (AP)			460	100%	460	694.34	694.34	96.44	0.00	0.00	0.00	0.00	96.44	1.39	0.00	0.00	0.00	0.00	0.00	0.00	1.39		
DONKARAYI (AP)			25	100%	25	63.11	63.11	5.24	0.00	0.00	0.00	0.00	5.24	0.83	0.00	0.00	0.00	0.00	0.00	0.00	0.83		
Srisailem Right Bank Power House (AP)			770	100%	770	610.95	610.95	144.45	0.00	0.00	0.00	0.00	144.45	2.36	0.00	0.00	0.00	0.00	0.00	0.00	2.36		
Nagarjunasagar Right Bank Power House (AP)			90.00	100%	90.00	74.15	74.15	16.56	0.00	0.00	0.00	0.00	16.56	2.23	0.00	0.00	0.00	0.00	0.00	0.00	2.23		
Penna Ahobilam (AP)			20.00	100%	20.00	3.70	3.70	8.59	0.00	0.00	0.00	0.00	8.59	23.21	0.00	0.00	0.00	0.00	0.00	0.00	23.21		
MINI HYDEL(Chettipeta)-AP			1.00	100%	1.00	1.72	1.72	1.12	0.00	0.00	0.00	0.00	1.12	6.48	0.00	0.00	0.00	0.00	0.00	0.00	6.48		
Nagarjunasagar Tail Pond Dam Power House			50	100%	50	58.57	58.57	33.81	0.00	0.00	0.00	0.00	33.81	5.77	0.00	0.00	0.00	0.00	0.00	0.00	5.77		
TOTAL HYDRO			1797.60		1797.60	2062.28	2062.28	395.31	0.00	0.00	0.00	0.00	395.31	1.92	0.00	0.00	0.00	0.00	0.00	0.00	1.92		
TOTAL APGENCO			7607.60		8407.60	26457.76	25876.72	4843.16	8438.46	0.00	0.00	0.00	13281.62	1.87	0.00	0.00	0.00	0.00	0.00	3.26	5.13		
CGS																							
NTPC - Simhadri																							
NTPC Simhadri Stage I			1000	46.11%	461.1	2346.76	2346.76	203.41	872.99	10.99	0.00	39.34	1126.73	0.87	0.05	0.00	0.17	3.72	4.80				
NTPC Simhadri Stage II			1000	18.91%	189.1	941.04	941.04	134.45	345.36	3.44	0.00	11.93	495.18	1.43	0.04	0.00	0.13	3.67	5.26				
Total NTPC- Simhadri						3287.80	3287.80	337.86	1218.36	14.43	0.00	51.27	1621.91	1.03	0.04	0.00	0.16	3.71	4.93				
NTPC (SR)																							
NTPC (SR)-Ramagundam Stage1&2			2100	13.36%	280.56	1327.56	1327.56	93.81	404.91	2.55	0.00	0.17	501.44	0.71	0.02	0.00	0.00	3.05	3.78				
NTPC (SR)-Ramagundam Stage 3			500	14.13%	70.67	362.18	362.18	25.31	109.02	1.90	0.00	0.04	136.26	0.70	0.05	0.00	0.00	3.01	3.76				
Total NTPC(SR)						1689.74	1689.74	119.12	513.92	4.45	0.00	0.21	637.70	0.70	0.03	0.00	0.00	3.04	3.77				
NTPC (ER)																							
Talcher Stage 2			2000	8.64%	172.84	792.77	792.77	57.52	208.50	0.00	0.00	0.15	266.17	0.73	0.00	0.00	0.00	2.63	3.36				
Total NTPC(ER)						792.77	792.77	57.52	208.50	0.00	0.00	0.15	266.17	0.73	0.00	0.00	0.00	2.63	3.36				

Generating Station	D Link	Plant Type Must Run = 1 Others = 2	Plant Capacity (MW)	DISCOM's share (%)	DISCOM's share (MW)	Availability and Dispatch (MU)		Cost (Rs. Crs.)					Unit Cost (Rs. / kWh)							
						Net Availability	Dispatch	Fixed	Variable	Incentive	Inc. Tax	Others	Total	Fixed	Inctv	Inc. Tax	Others	Variable	Total	
Total NTPC						5770.31	5770.31	514.49	1940.78	18.88	0.00	51.63	2525.78	0.89	0.03	0.00	0.00	0.00	3.36	4.38
NLC TS-II																				
Stage-I			630	7.88%	49.63	177.95	177.95	15.52	51.78	0.00	0.00	0.13	67.44	0.87	0.00	0.00	0.00	0.00	2.91	3.79
Stage-II			840	10.62%	89.22	327.17	327.17	28.93	95.21	0.00	0.00	0.20	124.33	0.88	0.00	0.00	0.00	0.00	2.91	3.80
Total NLC						505.12	505.12	44.45	146.99	0.00	0.00	0.33	191.77	0.88	0.00	0.00	0.00	0.00	2.91	3.80
NPC																				
NPC-MAPS			440	4.18%	18.4	27.74	27.74	0.00	8.53	0.00	0.00	0.26	8.79	0.00	0.00	0.00	0.09	0.00	3.07	3.17
NPC-Kaiga unit I&II			440	12.79%	56.25	258.37	258.37	0.00	103.60	0.00	0.00	0.26	103.87	0.00	0.00	0.00	0.01	0.00	4.01	4.02
NPC-Kaiga unit III&IV			440	13.63%	59.95	263.30	263.30	0.00	105.58	0.00	0.00	0.26	105.85	0.00	0.00	0.00	0.01	0.00	4.01	4.02
Total NPC						549.40	549.40	0.00	217.71	0.00	0.00	0.79	218.50	0.00	0.00	0.00	0.00	0.00	3.96	3.98
CGS - New																				
Bundled power under JVNSM			39.27	100%	39.27	183.84	183.84	18.93	72.25	0.00	0.00	0.00	91.18	1.03	0.00	0.00	0.00	0.00	3.93	4.96
Vallur Thermal Power Plant			1500	6.75%	101.24	445.35	405.46	82.47	168.27	0.00	0.00	4.00	254.73	2.03	0.00	0.00	0.10	0.00	4.15	6.28
Kudigi			2400	10.81%	259.32	1156.30	968.76	218.38	424.32	0.00	0.00	0.11	642.81	2.25	0.00	0.00	0.00	0.00	4.38	6.64
Tuticorin			1000	12.72%	127.19	593.66	593.66	91.14	206.59	0.35	0.00	4.93	303.01	1.54	0.01	0.00	0.08	0.00	3.48	5.10
JNNSM Phase-II			625	100%	625	2915.46	2848.75	437.32	865.89	0.00	0.00	0.00	1303.21	1.54	0.00	0.00	0.00	0.00	3.04	4.57
NNTPS			1000	5.25%	52.46	241.99	241.99	51.06	61.47	0.00	0.00	0.00	112.53	2.11	0.00	0.00	0.00	0.00	2.54	4.65
TOTAL CGS			15954.27		2652.20	12361.43	12067.28	1458.24	4104.26	19.23	0.00	61.78	5643.51	1.21	0.02	0.00	0.05	0.00	3.40	4.68
IPPS-COAL																				
KSK Mahanadi (MT)			400.00	100%	400.00	1957.70	1957.70	293.64	579.48	0.00	0.00	0.00	873.12	1.50	0.00	0.00	0.00	0.00	2.96	4.46
Thermal Power Tech			500.00	46.16%	231.00	1259.74	1259.74	182.10	306.12	3.27	0.00	0.00	491.48	1.45	0.03	0.00	0.00	0.00	2.43	3.90
TOTAL IPPS-COAL						3217.44	3217.44	475.73	885.60	3.27	0.00	0.00	1364.60	1.48	0.01	0.00	0.00	0.00	2.75	4.24
IPPS-GAS																				
GGPP			216.00	100%	216.00	522.87	522.87	21.44	148.49	0.00	0.00	0.00	169.93	0.41	0.00	0.00	0.00	0.00	2.84	3.25
Spectrum Power Generation Limited			205.19	100%	205.19	779.29	779.29	71.69	186.25	0.00	0.00	0.00	257.94	0.92	0.00	0.00	0.00	0.00	2.39	3.31
APGPCL-I			100	9.331%	9.33	13.62	13.62	1.13	3.88	0.00	0.00	0.00	5.02	0.83	0.00	0.00	0.00	0.00	2.85	3.68
APGPCL-II			172	14.51%	24.96	43.42	43.42	10.93	12.37	0.00	0.00	0.00	23.31	2.52	0.00	0.00	0.00	0.00	2.85	5.37
TOTAL IPPS-GAS			216.00		455.48	1359.20	1359.20	105.20	351.00	0.00	0.00	0.00	456.20	0.77	0.00	0.00	0.00	0.00	2.58	3.36
Other RE (ORE)						248.70	248.70		133.80				133.80							
Market							3253.21	0.00	1402.13	0.00	0.00	0.00	1402.13	0.00	0.00	0.00	0.00	0.00	4.31	4.31
D<D Transactions							-2403.84		-850.96				-850.96							3.54
TOTAL (From All Sources)						43644.53	43618.72	6882.33	14464.30	22.49	0.00	61.78	21430.91	1.58	0.01	0.00	0.01	0.00	3.32	4.91

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 CPDCL					
	B EPDCL					
	C NPDCL					
	D SPDCL					
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 CPDCL					
	B EPDCL					
	C NPDCL					
	D SPDCL					
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		0.00	0.00	0.00	0.00
	A CPDCL					
	B EPDCL					
	C NPDCL					
	D SPDCL					
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

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	EPDCL				0.00
2	SPDCL				0.00
3					0.00
4					0.00
5					0.00
6					0.00
Total			0.00	0.00	0.00

Year 1 2019-20

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

Year 2 2020-21

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

Form 1.5 Interest on Consumer Security Deposits

Amount (In Rs crores)

Revenue Requirement Item (Rs. Crs.)		Details link	For Control Period					
			2018-19	2019-20	2020-21	2021-22	2022-23	2023-24
A	Opening Balance		2298.86	2558.84	2831.82			
B	Additions during the Year		1544.28	1621.49	1702.57			
C	Deductions during the Year		1284.30	1348.52	1415.94			
D	Closing Balance		2558.84	2831.82	3118.45	0.00	0.00	0.00
E	Average Balance ((A+D)/2)		2428.85	2695.33	2975.13	0.00	0.00	0.00
F	Interest @ % p.a. #		6.20	6.20	6.20			
G	Interest Cost (E*F)		150.67	167.20	184.56	0.00	0.00	0.00

Form 1.6

Supply Margin

Amount (In Rs crores)

Particulars		Details link	For Control Period					
			2018-19	2019-20	2020-21	2021-22	2022-23	2023-24
A	Supply Margin Amount		13.05	28.31	77.59			

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	Payment to M/s EESL towards DELP		28.76	22.89			
2	Solar Pumpsets		36.58	110.42			
3	Energy Efficient Pumpsets		45.53	28.76			
4	Towards Electrical accidents compensation		18.00	18.00			
5	Grants to APSEEDCO		2.00	2.00			
6							
7							
8							
9							
10							
11							
12							
	Total		130.87	182.07	0.00	0.00	0.00

Form 2**Cost of Service:**

Consumer Categories	Detail Links	2020-21		
		Total Cost Allocation (Rs.Crs)	Sales (MU)	CoS (Rs/unit)
LT Category		19960.18	26444.58	7.55
HT Category at 11 KV		2305.98	3191.86	7.22
HT Category at 33 KV		2855.03	4086.69	6.99
HT Category at 132 KV		3427.33	5070.70	6.76
Average		28548.51	38793.83	7.36

Form 3
Base Year
2018-19

Sales Forecast

Sales / Forecast Sales (MU)	D Link	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 and 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
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

Sales / Forecast Sales (MU)	D Link	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total
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
														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
														0.00
														0.00
Total		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)	D Link	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total
Year-1														
2019-20														
Sales / Forecast Sales (MU)	D Link	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total
LT Category		2142.57	2351.41	2169.34	2003.22	1904.60	1814.42	2230.00	2033.48	1866.45	1914.72	1939.58	2505.67	24875.45
Domestic		833.62	927.34	1064.54	913.89	819.34	833.14	858.86	825.12	723.22	628.59	616.96	689.29	9733.91
Commerical & Others		181.49	188.51	202.38	182.95	175.21	168.70	171.75	173.48	160.51	158.73	143.93	159.44	2067.07
Industry		100.55	84.48	91.34	82.94	84.70	77.63	86.51	94.53	86.16	88.36	91.27	92.28	1060.73
Institutional		80.45	76.16	73.41	67.97	71.69	69.49	74.36	79.43	79.49	79.97	79.15	76.73	908.29
Agriculture & Related		946.47	1074.92	737.68	755.48	753.66	665.45	1038.35	860.80	816.95	958.99	1008.13	1487.92	11104.80
Temporary		0.00	0.00	0.00	0.00	0.00	0.00	0.17	0.13	0.12	0.08	0.15	0.01	0.66
														0.00
HT Category at 11 KV		249.26	249.32	239.60	234.18	244.03	230.46	270.01	258.64	264.84	261.45	258.05	319.69	3079.52
HT I (B): Townships & Residential Colonies		2.18	0.78	-0.78	2.30	2.07	2.16	2.05	1.84	1.75	1.77	1.86	2.32	20.30
HT II (A) : Commercial		60.21	64.90	62.55	58.92	75.44	74.19	69.72	69.88	68.52	67.93	72.52	84.93	829.72
Time of Day Tariffs (6 PM to 10 PM)		8.85	10.52	9.63	9.24	12.24	12.24	10.85	10.34	10.02	9.46	10.15	12.13	125.68
HT II (B) : Public Infrastructure and Tourism		3.08	3.90	3.93	3.52	4.51	4.41	2.69	2.84	2.57	2.04	2.27	3.49	39.25
Time of Day Tariffs (6 PM to 10 PM)		0.00	0.00	0.00	0.00	0.00	0.00	0.63	0.69	0.64	0.50	0.54	0.80	3.81
HT II (D) : Function Halls / Auditoriums / Start up Power		0.57	0.90	0.88	0.41	0.56	0.54	0.66	0.53	0.84	0.44	1.01	0.94	8.28
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
HT II (F) : 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 III (A): Industry		42.99	42.92	40.01	40.42	31.97	33.24	41.32	39.36	44.41	44.03	42.71	54.90	498.28
Time of Day Tariffs Peak (6 AM to 10 AM & 6 PM to 10 PM)		37.29	38.75	36.16	35.71	34.12	28.77	39.48	37.66	39.95	37.32	35.96	47.07	448.24
Time of Day Tariffs Off Peak (10 PM to 6 AM)		36.14	37.38	34.67	33.80	31.56	26.98	36.83	34.80	37.28	34.96	33.93	43.95	422.27
Industrial Colonies		0.12	0.12	0.08	0.10	0.09	0.08	0.14	0.22	0.16	0.12	0.14	0.22	1.59
HT III (B): Seasonal Industries		0.25	0.20	0.20	0.18	0.19	0.58	0.77	0.31	0.25	0.27	0.19	0.34	3.73
HT III (C): Energy Intensive Industries		0.14	0.18	0.16	0.14	0.15	0.15	0.18	0.18	0.18	0.14	0.13	0.18	1.91
HT IV (B): CPWS / PWS Scheme		3.81	3.64	3.41	3.56	4.14	3.77	4.19	4.10	4.24	3.99	3.58	3.85	46.28
HT IV (E): Religious Places		1.06	1.20	0.66	0.59	0.64	0.54	0.62	0.56	0.55	0.46	0.53	0.69	8.11
HT IV (F) : Railway Traction		0.00	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 (C) : Aquaculture and Animal Husbandry		3.51	2.97	3.44	3.31	3.36	3.41	3.83	5.02	2.58	2.11	2.01	3.51	39.05
HT V (D) : Poultry Hatcheries and Poultry Feed Mixing Plants		4.50	3.55	4.96	5.13	5.51	5.29	5.45	5.29	6.69	6.84	6.40	7.56	67.17
HT V (F) : Government / Pvt. LIS		1.40	0.72	0.77	1.06	3.57	4.47	9.89	11.04	8.23	7.05	3.95	2.85	55.00
HT Temporary supply		0.00	0.00	0.00	0.00	0.00	0.00	0.25	0.19	0.16	0.13	0.13	0.12	1.00
RESCOs		43.15	36.68	38.87	35.79	33.90	29.65	40.46	33.78	35.81	41.89	40.03	49.85	459.85
														0.00
HT Category at 33 KV		314.60	332.75	306.24	310.85	284.70	288.12	369.94	342.15	365.91	337.67	324.85	402.94	3980.71
HT I (B): Townships & Residential Colonies		0.40	0.14	-0.15	0.40	0.39	0.38	0.29	0.26	0.24	0.22	0.24	0.32	3.13
HT II (A) : Commercial		5.71	6.73	6.14	6.40	7.97	8.03	6.64	6.60	6.42	6.38	6.63	8.06	81.72
Time of Day Tariffs (6 PM to 10 PM)		1.41	1.69	1.54	1.45	2.18	1.92	1.98	1.85	1.95	1.97	2.02	2.46	22.41
HT II (B) : Public Infrastructure and Tourism		0.67	0.83	0.78	0.65	1.34	0.79	0.54	0.57	0.54	0.44	0.48	0.77	8.40
Time of Day Tariffs (6 PM to 10 PM)		0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.07	0.06	0.05	0.05	0.08	0.39
HT II (D) : Function Halls / Auditoriums / Start up Power		1.81	1.63	0.76	0.49	0.60	2.18	0.94	0.56	0.57	1.45	0.85	1.50	13.33
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
HT II (F) : Green Power		0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.10
HT III (A): Industry		95.71	97.64	88.27	89.74	80.18	77.85	96.92	90.65	113.69	106.97	105.30	125.82	1168.74
Time of Day Tariffs Peak (6 AM to 10 AM & 6 PM to 10 PM)		85.46	91.15	86.50	88.08	77.09	76.74	98.61	91.40	93.07	87.47	84.64	106.27	1066.48
Time of Day Tariffs Off Peak (10 PM to 6 AM)		84.55	89.99	86.97	89.25	78.45	77.72	99.19	92.80	94.55	88.08	84.53	106.17	1072.26
Industrial Colonies		0.91	0.97	1.06	0.84	0.79	0.87	0.97	0.83	0.70	0.59	0.68	0.93	10.14
HT III (B): Seasonal Industries		0.00	0.05	0.03	0.10	0.09	0.08	0.26	0.02	0.02	0.08	0.00	0.00	0.73
HT III (C): Energy Intensive Industries		19.51	19.71	16.49	16.11	11.98	11.07	22.14	20.50	19.73	17.84	16.18	21.05	212.31
HT IV (B): CPWS / PWS Scheme		5.41	4.80	4.68	4.94	4.91	4.00	4.34	4.61	6.31	5.07	4.84	4.98	58.89

Sales / Forecast Sales (MU)	D Link	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total
HT IV (E): Religious Places		3.18	3.60	2.61	1.75	1.67	2.13	2.91	2.54	2.84	2.99	2.68	3.28	32.18
HT IV (F) : Railway Traction		0.00	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 (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 V (D) : Poultry Hatcheries and Poultry Feed Mixing Plants		8.15	7.35	10.09	9.97	9.76	9.98	12.65	11.29	9.89	10.04	10.24	13.48	122.89
HT V (F) : Government / Pvt. LIS		1.72	6.45	0.47	0.66	7.29	14.38	21.49	17.60	15.32	8.01	5.49	7.76	106.63
HT Temporary supply		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
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		321.94	305.50	287.06	288.14	387.62	447.15	569.63	510.30	498.03	433.76	386.52	390.67	4826.32
HT I (B): 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 II (A) : Commercial		2.30	2.70	2.69	2.62	3.10	3.40	2.56	2.45	2.64	2.89	2.56	2.88	32.79
Time of Day Tariffs (6 PM to 10 PM)		0.51	0.59	0.54	0.53	0.65	0.72	0.58	0.58	0.61	0.69	0.58	0.67	7.25
HT II (B) : 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 II (D) : Function Halls / Auditoriums / Start up Power		0.34	0.37	0.26	0.24	0.32	0.53	0.17	0.13	0.12	0.22	0.17	0.24	3.11
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
HT II (F) : 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 III (A): Industry		66.03	72.59	65.16	65.82	59.53	53.06	71.87	63.79	64.64	64.34	64.17	58.45	769.45
Time of Day Tariffs Peak (6 AM to 10 AM & 6 PM to 10 PM)		68.77	74.56	67.24	66.67	60.17	55.02	74.93	69.00	71.14	71.91	63.60	60.80	803.81
Time of Day Tariffs Off Peak (10 PM to 6 AM)		72.88	78.10	70.62	70.87	63.35	56.91	80.34	71.99	75.20	75.34	67.15	63.24	845.99
Industrial Colonies		1.31	1.40	1.41	1.12	0.94	0.92	1.15	1.00	0.95	0.84	0.89	1.22	13.15
HT III (B): 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
HT III (C): Energy Intensive Industries		8.06	8.12	7.64	7.03	5.99	4.40	8.29	7.44	7.52	6.87	6.49	8.11	85.96
HT IV (B): CPWS / PWS Scheme		0.00	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 (E): 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 IV (F) : Railway Traction		62.05	66.10	70.17	72.17	76.57	65.50	76.40	69.22	70.02	64.28	62.74	67.37	822.59
HT V (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 V (D) : Poultry 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 V (F) : Government / Pvt. LIS		39.69	0.97	1.34	1.09	117.00	206.68	253.33	224.70	205.19	146.38	118.17	127.69	1442.21
HT Temporary supply		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
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
Total		3028.37	3238.98	3002.23	2836.40	2820.95	2780.15	3439.58	3144.58	2995.23	2947.60	2909.00	3618.96	36762.01

Sales / Forecast Sales (MU)	D Link	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total
HT V (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 V (D) : Poultry Hatcheries and Poultry Feed Mixing Plants		10.18	9.19	12.61	12.47	12.20	12.48	15.82	14.12	12.36	12.54	12.80	16.85	153.61
HT V (F) : Government / Pvt. LIS		1.77	6.65	0.49	0.68	7.51	14.81	22.13	18.13	15.78	8.25	5.65	7.99	109.83
HT Temporary supply		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
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		337.96	319.93	301.56	302.81	408.18	471.52	597.24	535.95	522.81	455.31	406.44	411.00	5070.70
HT I (B) : 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 II (A) : Commercial		2.16	2.53	2.53	2.46	2.91	3.20	2.41	2.30	2.49	2.72	2.41	2.71	30.82
Time of Day Tariffs (6 PM to 10 PM)		0.48	0.56	0.51	0.50	0.61	0.67	0.54	0.55	0.57	0.65	0.54	0.63	6.82
HT II (B) : 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 II (D) : Function Halls / Auditoriums / Start up Power		0.34	0.37	0.26	0.24	0.32	0.53	0.14	0.10	0.09	0.18	0.13	0.19	2.90
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
HT II (F) : 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 III (A) : Industry		75.82	82.42	74.94	75.60	69.29	62.79	81.69	73.57	74.42	74.12	73.95	68.20	886.81
Time of Day Tariffs Peak (6 AM to 10 AM & 6 PM to 10 PM)		69.11	74.93	67.58	67.00	60.47	55.30	75.30	69.35	71.49	72.27	63.92	61.11	807.83
Time of Day Tariffs Off Peak (10 PM to 6 AM)		74.34	79.66	72.03	72.29	64.62	58.04	81.95	73.43	76.71	76.85	68.49	64.50	862.91
Industrial Colonies		1.34	1.43	1.44	1.14	0.96	0.94	1.17	1.02	0.97	0.85	0.91	1.24	13.42
HT III (B) : 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
HT III (C) : Energy Intensive Industries		7.25	7.31	6.88	6.33	5.39	3.96	7.46	6.69	6.77	6.18	5.84	7.30	77.36
HT IV (B) : CPWS / PWS Scheme		0.00	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 (E) : 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 IV (F) : Railway Traction		65.44	69.71	74.00	76.11	80.75	69.08	80.57	73.00	73.84	67.79	66.17	71.05	867.50
HT V (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 V (D) : Poultry 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 V (F) : Government / Pvt. LIS		41.67	1.01	1.40	1.14	122.85	217.01	266.00	235.93	215.45	153.70	124.08	134.07	1514.32
HT Temporary supply		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
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
Total		3195.65	3425.54	3194.71	3005.36	2980.47	2938.12	3625.16	3315.20	3152.50	3100.73	3058.41	3801.97	38793.83

Particulars	Detail Links	2019-20	2020-21	2021-22	2022-23	2023-24
Total Sales, MU		36762.01	38793.83	0.00	0.00	0.00
Sales (LT, 11kV, 33kV) (MU)	Form 3	31935.69	33723.13	0.00	0.00	0.00
EHT Sales (MU)	Form 3	4826.32	5070.70	0.00	0.00	0.00
Total Losses, MU		4623.41	4826.24	0.00	0.00	0.00
Distribution System Losses (MU)	Form 4a	3270.10	3443.48	0.00	0.00	0.00
Transmission System Losses (MU)		1353.30	1382.76	0.00	0.00	0.00
Total Losses, (%)		11.17	11.06	0.00	0.00	0.00
Transmission Losses (%)		3.27	3.17	0.00	0.00	0.00
Distribution System Losses(%)	Form 4a	9.29	9.26	0.00	0.00	0.00
Input to Distribution System		35205.79	37166.61	0.00	0.00	0.00
Power Purchase Requirement (MU)		41385.41	43620.07	0.00	0.00	0.00
Availability	Form 4.1	41405.80	43644.53	0.00	0.00	0.00
Dispatch	Form 4.2	41342.66	43618.72			
Surplus /(deficit)		20.39	24.46	0.00	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	35205.79	37166.61			
(ii)	Energy delivered by all other Generating Stations at 33kV	B	0.00	0.00	0.00			
(iii)	Energy consumed by HT consumers at 33KV (Sales + Third Party)	X	3755.32	3980.71	4086.69			
(iv)	Energy Delivered into 11 KV and LT System from 33/11 KV SSs	C	28374.37	30073.85	31872.01			
	Losses (33 kV System)	(A + B) - (C + X)	1113.65	1151.23	1207.91	0.00	0.00	0.00
	% Losses (33 kV System)	100 x [(A+B)-(C+X)] / (A+B)	3.35	3.27	3.25	0.00	0.00	0.00
II. Losses in 11 KV System and Connected Equipment								
(i)	Energy delivered into 11 KV system from 33/11kV SSs	C	28374.37	30073.85	31872.01	0.00	0.00	0.00
(ii)	Energy delivered into 11 KV Distribution System from EHT SSs	D	0.00	0.00	0.00			
(iii)	Energy delivered at 11kV from all other Generating Stations	E	0.00	0.00	0.00			
(iv)	Total Energy delivered into 11 KV and LT Distribution System	C+D+E	28374.37	30073.85	31872.01	0.00	0.00	0.00
(v)	Energy consumed by HT consumers at 11KV (Sales + Third Party)	Y	2729.79	3079.52	3191.86			
(vi)	Total Output from 11kV to LT	F	959.05	998.45	1051.78			
	Losses (11kV System)	(C + D + E) - (Y + F)	24685.52	25995.88	27628.37	0.00	0.00	0.00
	% Losses (11kV System)	[(C+D+E)-(Y+F)] x 100 / (C+D+E)	3.38	3.32	3.30	0.00	0.00	0.00
III. Losses in LT system and connected equipment								
(i)	Energy delivered to LT system from 11/400 V DTRs	F	24685.52	25995.88	27628.37	0.00	0.00	0.00
(ii)	Energy sold to metered categories	Z	13784.59	13770.66	14699.84			
(iii)	Energy sold to un-metered categories	N	9832.49	11104.80	11744.73			
	Losses (LT System)	F-(Z+N)	1068.44	1120.42	1183.79	0.00	0.00	0.00
	% Losses (LT System)	[F-(Z+N)] x 100 / (F)	4.33	4.31	4.28	0.00	0.00	0.00
IV. Total losses in the Distribution System								
(i)	Total Input to the distribution system	A + B + D + E	33243.34	35205.79	37166.61	0.00	0.00	0.00
(ii)	Total Output from the Distribution System	X + Y + Z + N	30102.19	31935.69	33723.13	0.00	0.00	0.00
(iii)	EHT Sales	G	4786.72	4826.32	5070.70	0.00	0.00	0.00
	Distribution System Losses	(A + B + D + E)-(X + Y + Z + N)	3141.15	3270.10	3443.48	0.00	0.00	0.00
	% Distribution System Losses (Excluding EHT Sales)	[(A+B+D+E)-(X+Y+Z+N)] x 100 / (A+B+D+E)	9.45	9.29	9.26	0.00	0.00	0.00
	% Distribution System Losses (Including EHT Sales)	[(A+B+D+E)-(X+Y+Z+N)] x 100 / (A+B+D+E +G)	8.26	8.17	8.15	0.00	0.00	0.00

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	3.17			
APTransco Losses (MU)					
Input to PGCIL (For CGS) (MU)					
PGCIL Losses (%) (For CGS)	3.17	3.17			
PGCIL Losses (MU) (For CGS)					

Generating Station	D Link	Variable Cost (Rs. /	Energy Dispatch (MU)												
			April	May	June	July	August	September	October	November	December	January	February	March	Total
KSK Mahanadi Power Co., Ltd.,			6.63	93.17	50.16	58.19	171.57	21.81	166.27	160.91	166.27	166.27	150.18	166.27	1377.69
TOTAL OTHERS			291.05	368.58	339.04	386.68	307.27	234.32	279.02	270.02	279.02	279.02	252.02	279.02	3565.03
															0.00
MARKET															0.00
Short Term Purchases (Trading/IEX/PXIL)			10.69	190.24	145.47	182.02	172.71	119.32	0.00	0.00	0.00	0.00	0.00	0.00	820.45
Short Term Purchases (Swap Receipt)			256.35	4.67	0.80	0.95	0.00	6.30	2.77	0.00	0.00	0.00	0.00	0.00	271.84
Short Term Purchases (Swap Return)			-37.85	-39.02	-241.33	-866.00	-826.34	-702.74	-1.66	0.00	0.00	0.00	0.00	0.00	-2714.94
Market sources			4.03	77.23	67.37	83.15	158.90	249.71	782.00	814.74	280.21	33.88	248.10	718.78	3518.09
D<=>D Transactions			-174.70	-172.39	-219.15	-223.72	-153.06	-117.33	-13.13	-93.31	-75.12	-102.01	-138.63	-87.68	-1570.23
TOTAL MARKET			233.22	233.13	-27.69	-599.88	-494.73	-327.41	783.10	814.74	280.21	33.88	248.10	718.78	1895.44
															0.00
TOTAL (From All Sources)			3416.26	3659.74	3391.53	3199.89	3171.76	3117.83	3854.95	3524.67	3351.45	3306.88	3269.34	4078.36	41342.66

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

2020-21

Generating Station	D Link	Variable Cost (Rs. /	Energy Dispatch (MU)												
			April	May	June	July	August	September	October	November	December	January	February	March	Total
Spectrum Power Generation Limited		0.00	62.70	62.96	63.03	18.08	63.47	63.44	75.34	74.49	75.19	75.46	69.85	75.27	779.29
Thermal Power Tech		0.00	109.11	112.75	78.99	75.10	112.75	109.11	112.75	109.11	112.75	112.75	101.84	112.75	1259.74
NNTPS		0.00	19.89	20.55	19.89	20.55	20.55	19.89	20.55	19.89	20.55	20.55	18.56	20.55	241.99
Talcher Stage 2		0.00	71.03	68.62	55.26	67.99	67.99	48.93	58.20	70.28	72.62	72.62	65.60	72.62	792.77
Godavari Gas Power Plant		0.00	49.17	50.81	49.17	50.81	50.81	49.17	0.00	24.59	50.81	50.81	45.89	50.81	522.87
APGPC-I		0.00	1.14	1.16	1.12	1.16	1.12	1.12	1.12	1.16	1.16	1.16	1.05	1.14	13.62
APGPC-II		0.00	3.64	3.70	3.58	3.70	3.70	3.58	3.58	3.58	3.70	3.70	3.34	3.64	43.42
NLC Stage-II		0.00	26.81	27.72	26.81	27.72	27.72	26.81	27.72	26.81	27.72	27.72	25.90	27.72	327.17
NLC Stage-I		0.00	14.60	15.07	14.60	15.07	15.07	14.60	15.07	14.60	15.07	15.07	14.08	15.07	177.95
KSK Mahanadi (MT)		0.00	160.91	166.27	160.91	166.27	166.27	160.91	166.27	160.91	166.27	166.27	150.18	166.27	1957.70
NTPC (SR)-Ramagundam Stage 3		0.00	30.10	31.10	30.10	31.10	31.10	30.10	31.10	30.10	26.09	31.10	29.10	31.10	362.18
NTPC (SR)-Ramagundam Stage1&2		0.00	107.21	110.79	97.62	109.47	110.79	107.21	106.08	96.49	122.45	122.45	114.55	122.45	1327.56
NPC-MAPS		0.00	2.61	2.72	2.61	2.72	2.72	2.61	2.72	2.61	2.72	2.72	0.00	0.96	27.74
Damodarom Sanjeevaiah Thermal power plant - I		0.00	580.55	610.88	594.71	614.54	614.54	580.55	607.22	451.34	469.52	614.54	541.85	614.54	6894.77
Damodarom Sanjeevaiah Thermal power plant - II		0.00	0.00	0.00	0.00	0.00	0.00	0.00	177.00	292.64	292.64	283.20	292.64	283.20	1621.30
VTSP-V		0.00	0.00	0.00	0.00	0.00	0.00	0.00	177.94	183.88	177.94	312.59	312.59	302.51	1467.45
VTSP-IV		0.00	190.79	197.15	0.00	197.15	197.15	190.79	197.15	190.79	197.15	197.15	178.07	197.15	2130.44
NTPL- Tuticorin		0.00	52.84	54.59	52.84	40.46	51.08	33.44	42.97	52.59	54.34	54.59	49.33	54.59	593.66
NTPC Simhadri Stage II		0.00	82.53	86.27	82.53	75.45	42.38	72.34	85.27	82.53	85.27	85.27	76.94	85.27	941.04
VTSP I		0.00	151.12	156.16	151.12	115.80	156.16	151.12	156.16	151.12	118.43	156.16	141.05	156.16	1760.55
VTSP II		0.00	151.12	156.16	151.12	118.55	156.16	151.12	115.80	151.12	156.16	156.16	141.05	156.16	1760.67
VTSP III		0.00	150.69	155.71	150.69	155.71	155.71	150.69	155.71	113.07	155.71	125.62	135.63	155.71	1760.66
NTPC Simhadri Stage I		0.00	201.25	207.91	201.25	207.91	207.91	201.25	207.91	201.25	106.68	207.91	187.61	207.91	2346.76
RTPP IV		0.00	232.66	240.41	232.66	240.41	240.41	232.66	240.41	0.00	240.41	240.41	217.15	240.41	2597.99
NPC-Kaiga unit I&II		0.00	22.69	23.37	22.69	23.37	23.37	22.69	23.37	22.69	23.37	23.37	10.51	16.89	258.37
NPC-Kaiga unit III&IV		0.00	24.18	24.90	24.18	24.90	24.90	24.18	24.90	24.18	24.90	12.45	11.19	18.45	263.30
NTPC NSM Phase-II, Bundled Power (COAL)		0.00	247.29	254.52	238.66	228.85	230.17	237.99	249.30	242.15	193.98	227.45	237.70	260.69	2848.75
NTPC NVVNL Bundled Power (Only COAL)		0.00	15.82	16.25	15.02	13.87	14.00	14.97	15.77	15.34	14.64	15.93	15.40	16.82	183.84
Intermediate Stations															
Vallur Thermal Power Plant		0.00	39.03	40.35	33.80	26.60	34.01	38.41	37.51	38.62	39.90	0.00	37.34	39.90	405.46
RTPP I		0.00	150.90	155.93	150.90	155.93	118.21	113.18	155.93	150.90	155.93	0.00	140.84	155.93	1604.62
RTPP Stage-II		0.00	158.24	163.51	158.24	77.97	122.12	158.24	163.51	158.24	125.79	0.00	37.13	163.51	1486.48
RTPP Stage-III		0.00	72.35	78.06	75.55	78.06	78.06	75.55	40.26	75.55	78.06	0.00	0.00	78.06	729.53
Kudigi		0.00	103.55	107.00	103.55	71.33	90.89	103.55	107.00	103.55	71.33	0.00	0.00	107.00	968.76
Peak Stations															
MACHKUND PH AP Share		0.00	16.14	16.99	14.24	16.30	17.14	15.43	16.16	15.19	15.58	16.98	16.24	17.16	193.54
TUNGBHADRA PH AP Share		0.00	1.73	0.32	0.02	3.25	12.13	13.63	11.82	10.54	7.27	8.22	5.95	5.87	80.75
Upper Sileru Power House (AP)		0.00	25.59	19.28	16.10	20.54	17.72	19.22	21.98	17.30	18.31	30.86	33.09	41.44	281.45
Lower Sileru Power House (AP)		0.00	60.84	44.18	37.61	54.96	56.24	58.06	60.41	50.37	54.77	67.76	70.16	78.99	694.34
DONKARAYI (AP)		0.00	4.72	4.06	2.64	4.37	4.24	5.55	6.52	5.27	5.54	6.28	6.62	7.28	63.11
Srisaillam Right Bank Power House (AP)		0.00	29.26	10.01	8.50	13.55	149.22	154.94	75.54	27.34	15.05	31.06	45.72	50.76	610.95
Nagarjunasagar Right Bank Power House (AP)		0.00	1.19	0.00	0.00	0.05	6.07	14.46	15.92	14.88	9.94	6.99	2.73	1.91	74.15
Penna Abhilam (AP)		0.00	0.02	0.02	0.00	0.05	0.65	0.63	0.79	0.46	0.44	0.27	0.20	0.16	3.70
MINI HYDEL(Chettipeta)-AP		0.00	0.08	0.00	0.04	0.25	0.20	0.21	0.05	0.03	0.18	0.25	0.18	0.24	1.72
Nagarjunasagar Tail Pond Dam Power House		0.00	0.65	0.65	0.65	2.60	5.21	8.46	8.46	10.41	10.41	5.86	2.60	2.60	58.57
Other RE		5.38	17.79	16.22	16.50	14.50	22.48	20.64	18.52	20.27	25.49	29.04	25.50	21.75	248.70
Market Sources															
Market		4.31	373.6	562.2	732.2	499.4	97.1	51.5	369.6	400.2	-	-	-	167.5	3,253.2
D→D Transaction			(214.2)	(207.6)	(263.3)	(296.7)	(269.4)	(258.8)	(145.1)	(193.1)	(115.2)	(138.0)	(177.4)	(125.1)	(2,403.8)
Total			3603.94	3869.63	3608.43	3389.73	3350.29	3294.11	4062.26	3715.27	3527.02	3478.01	3436.50	4283.54	43,618.72

Revenue from Current Tariffs (Rs. Crs.)	Detail Links	2018-19						Grid Support Charges	Total Revenue
		Retail Supply (Regulated Business)			Surcharges (Open Access)				
		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	Form-7	3229.08	0.00	3229.08				3229.08	
Category II (A,B & C) - Non-domestic/Commercial	Form-5a	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	
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	
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	
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	

Revenue from Current Tariffs (Rs. Crs.)	Detail Links	2018-19						
		Retail Supply (Regulated Business)			Surcharges (Open Access)		Grid Support Charges	Total Revenue
		Gross Revenue	Incentives	Net Revenue	Surcharge	Additional surcharge		
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	
HT Category at 132 KV		2979.51	0.00	2979.51	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	
Total		14984.65	0.00	14984.65	0.00	0.00	14984.65	

Form 5

Revenue from Current Tariffs (Rs. Crs.)	2019-20						2020-21							
	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	7892.47	0.00	7892.47	0.00	0.00	0.00	7892.47	8497.03	0.00	8497.03	0.00	0.00	0.00	8497.03
Domestic	3820.43	0.00	3820.43				3820.43	4168.31	0.00	4168.31				4168.31
Commerical & Others	2109.30	0.00	2109.30				2109.30	2266.33	0.00	2266.33				2266.33
Industry	790.72	0.00	790.72				790.72	799.47	0.00	799.47				799.47
Institutional	558.32	0.00	558.32				558.32	587.17	0.00	587.17				587.17
Agriculture & Related	613.01	0.00	613.01				613.01	675.75	0.00	675.75				675.75
Temporary	0.70	0.00	0.70				0.70	0.00	0.00	0.00				0.00
HT Category at 11 KV	2570.82	1.28	2569.54	0.00	0.00	0.00	2569.54	2620.76	1.29	2619.48	0.00	0.00	0.00	2619.48
HT I (B): Townships & Residential Colonies	13.63	0.00	13.63				13.63	13.76	0.00	13.76				13.76
HT II (A) : Commercial	950.46	0.00	950.46				950.46	971.11	0.00	971.11				971.11
Time of Day Tariffs (6 PM to 10 PM)	108.71	0.00	108.71				108.71	109.80	0.00	109.80				109.80
HT II (B) : Public Infrastructure and Tourism	38.72	0.00	38.72				38.72	42.66	0.00	42.66				42.66
Time of Day Tariffs (6 PM to 10 PM)	3.16	0.00	3.16				3.16	2.69	0.00	2.69				2.69
HT II (D) : Function Halls / Auditoriums	9.79	0.00	9.79				9.79	10.13	0.00	10.13				10.13
HT II (D) : Start up power	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
HT II (F) : Green Power	0.00	0.00	0.00				0.00	0.00	0.00	0.00				0.00
HT III (A): Industry	739.51	1.28	738.23				738.23	743.23	1.29	741.94				741.94
Time of Day Tariffs Peak (6 AM to 10 AM & 6 PM to 10 PM)	327.21	0.00	327.21				327.21	328.85	0.00	328.85				328.85
Time of Day Tariffs Off Peak (10 PM to 6 AM)	223.80	0.00	223.80				223.80	228.28	0.00	228.28				228.28
Industrial Colonies	1.00	0.00	1.00				1.00	1.06	0.00	1.06				1.06
HT III (B): Seasonal Industries	2.90	0.00	2.90				2.90	2.96	0.00	2.96				2.96
HT III (C): Energy Intensive Industries	1.11	0.00	1.11				1.11	1.13	0.00	1.13				1.13
HT IV (B): CPWS / PWS Scheme	22.62	0.00	22.62				22.62	23.07	0.00	23.07				23.07
HT IV (E): Religious Places	4.25	0.00	4.25				4.25	4.42	0.00	4.42				4.42
HT IV (F) : Railway Traction	0.00	0.00	0.00				0.00	0.00	0.00	0.00				0.00
HT V (C) : Aquaculture and Animal Husbandry	15.99	0.00	15.99				15.99	18.09	0.00	18.09				18.09
HT V (D) : Poultry Hatcheries and Poultry Feed Mixing Plants	57.01	0.00	57.01				57.01	65.52	0.00	65.52				65.52
HT V (F) : Government / Pvt. LIS	32.53	0.00	32.53				32.53	33.50	0.00	33.50				33.50
HT Temporary supply	0.01	0.00	0.01				0.01	0.01	0.00	0.01				0.01
RESCOs	18.40	0.00	18.40				18.40	20.49	0.00	20.49				20.49
HT Category at 33 KV	2885.90	7.00	2878.90	0.00	0.00	0.00	2878.90	2984.66	7.33	2977.33	0.00	0.00	0.00	2977.33
HT I (B): Townships & Residential Colonies	2.22	0.00	2.22				2.22	2.24	0.00	2.24				2.24
HT II (A) : Commercial	86.09	0.00	86.09				86.09	87.71	0.00	87.71				87.71
Time of Day Tariffs (6 PM to 10 PM)	17.82	0.00	17.82				17.82	18.17	0.00	18.17				18.17
HT II (B) : Public Infrastructure and Tourism	8.03	0.00	8.03				8.03	9.65	0.00	9.65				9.65
Time of Day Tariffs (6 PM to 10 PM)	0.30	0.00	0.30				0.30	0.24	0.00	0.24				0.24
HT II (D) : Function Halls / Auditoriums	8.82	0.00	8.82				8.82	17.23	0.00	17.23				17.23
HT II (D) : Start up power	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
HT II (F) : Green Power	0.11	0.00	0.11				0.11	0.11	0.00	0.11				0.11
HT III (A): Industry	1197.22	7.00	1190.22				1190.22	1253.56	7.33	1246.23				1246.23

Revenue from Current Tariffs (Rs. Crs.)	2019-20						2020-21							
	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		
Time of Day Tariffs Peak (6 AM to 10 AM & 6 PM to 10 PM)	730.54	0.00	730.54				730.54	734.19	0.00	734.19				734.19
Time of Day Tariffs Off Peak (10 PM to 6 AM)	520.05	0.00	520.05				520.05	530.45	0.00	530.45				530.45
Industrial Colonies	6.39	0.00	6.39				6.39	6.52	0.00	6.52				6.52
HT III (B): Seasonal Industries	0.51	0.00	0.51				0.51	0.47	0.00	0.47				0.47
HT III (C): Energy Intensive Industries	113.61	0.00	113.61				113.61	104.52	0.00	104.52				104.52
HT IV (B): CPWS / PWS Scheme	28.63	0.00	28.63				28.63	29.20	0.00	29.20				29.20
HT IV (E): Religious Places	16.34	0.00	16.34				16.34	16.99	0.00	16.99				16.99
HT IV (F) : Railway Traction	0.00	0.00	0.00				0.00	0.00	0.00	0.00				0.00
HT V (C) : Aquaculture and Animal Husbandry	0.00	0.00	0.00				0.00	0.00	0.00	0.00				0.00
HT V (D) : Poultry Hatcheries and Poultry Feed Mixing Plants	87.17	0.00	87.17				87.17	109.49	0.00	109.49				109.49
HT V (F) : Government / Pvt. LIS	62.06	0.00	62.06				62.06	63.92	0.00	63.92				63.92
HT Temporary supply	0.00	0.00	0.00				0.00	0.00	0.00	0.00				0.00
RESCOs	0.00	0.00	0.00				0.00	0.00	0.00	0.00				0.00
HT Category at 132 KV	2984.23	3.72	2980.51	0.00	0.00	0.00	2980.51	3167.15	4.29	3162.87	0.00	0.00	0.00	3162.87
HT I (B): Townships & Residential Colonies	0.00	0.00	0.00				0.00	0.00	0.00	0.00				0.00
HT II (A) : Commercial	29.38	0.00	29.38				29.38	28.06	0.00	28.06				28.06
Time of Day Tariffs (6 PM to 10 PM)	5.58	0.00	5.58				5.58	5.25	0.00	5.25				5.25
HT II (B) : Public Infrastructure and Tourism	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
HT II (D) : Function Halls / Auditoriums	2.42	0.00	2.42				2.42	3.42	0.00	3.42				3.42
HT II (D) : Start up power	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
HT II (F) : Green Power	0.00	0.00	0.00				0.00	0.00	0.00	0.00				0.00
HT III (A): Industry	723.68	3.72	719.96				719.96	833.28	4.29	828.99				828.99
Time of Day Tariffs Peak (6 AM to 10 AM & 6 PM to 10 PM)	514.44	0.00	514.44				514.44	517.01	0.00	517.01				517.01
Time of Day Tariffs Off Peak (10 PM to 6 AM)	372.24	0.00	372.24				372.24	379.68	0.00	379.68				379.68
Industrial Colonies	8.29	0.00	8.29				8.29	8.45	0.00	8.45				8.45
HT III (B): Seasonal Industries	0.00	0.00	0.00				0.00	0.00	0.00	0.00				0.00
HT III (C): Energy Intensive Industries	42.55	0.00	42.55				42.55	38.30	0.00	38.30				38.30
HT IV (B): CPWS / PWS Scheme	0.00	0.00	0.00				0.00	0.00	0.00	0.00				0.00
HT IV (E): Religious Places	0.00	0.00	0.00				0.00	0.00	0.00	0.00				0.00
HT IV (F) : Railway Traction	449.06	0.00	449.06				449.06	475.28	0.00	475.28				475.28
HT V (C) : Aquaculture and Animal Husbandry	0.00	0.00	0.00				0.00	0.00	0.00	0.00				0.00
HT V (D) : Poultry Hatcheries and Poultry Feed Mixing Plants	0.00	0.00	0.00				0.00	0.00	0.00	0.00				0.00
HT V (F) : Government / Pvt. LIS	836.59	0.00	836.59				836.59	878.42	0.00	878.42				878.42
HT Temporary supply	0.00	0.00	0.00				0.00	0.00	0.00	0.00				0.00
RESCOs	0.00	0.00	0.00				0.00	0.00	0.00	0.00				0.00
Total	16333.43	12.00	16321.43	0.00	0.00	0.00	16321.43	17269.61	12.91	17256.70	0.00	0.00	0.00	17256.70

Form 5 a
Incentives at current Tariffs
2018-19

10003 10003

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	Form-7	0	0.00	
Domestic				
Commerical & Others				
Industry				
Institutional				
Agriculture & Related				
Temporary				
HT Category at 11 KV		1168	1.28	
HT I (B): Townships & Residential Colonies				
HT II (D) : Function Halls / Auditoriums				
HT II (D) : Start up power				
HT II (E): Electric Vehicles (Evs) / Charging stations				
HT II (F) : Green Power				
HT III (A): Industry		1168	1.28	
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)				
Industrial Colonies				
HT III (B): Seasonal Industries				
HT III (C): Energy Intensive Industries				
HT IV (B): CPWS / PWS Scheme				
HT IV (E): Religious Places				
HT IV (F) : Railway Traction				
HT V (C) : Aquaculture and Animal Husbandry				
HT V (D) : Poultry Hatcheries and Poultry Feed Mixing Plants				
HT V (F) : Government / Pvt. LIS				
HT Temporary supply				
RESCOs				

Consumer Category	Data Link	Total		Remarks
		No. of consumers	Incentive Amount	
HT Category at 33 KV		644	7.00	
HT I (B): Townships & Residential Colonies				
HT II (A) : Commercial				
Time of Day Tariffs (6 PM to 10 PM)				
HT II (B) : Public Infrastructure and Tourism				
Time of Day Tariffs (6 PM to 10 PM)				
HT II (D) : Function Halls / Auditoriums				
HT II (D) : Start up power				
HT II (E): Electric Vehicles (Evs) / Charging stations				
HT II (F) : Green Power				
HT III (A): Industry		644	7.00	
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)				
Industrial Colonies				
HT III (B): Seasonal Industries				
HT III (C): Energy Intensive Industries				
HT IV (B): CPWS / PWS Scheme				
HT IV (E): Religious Places				
HT IV (F) : Railway Traction				
HT V (C) : Aquaculture and Animal Husbandry				
HT V (D) : Poultry Hatcheries and Poultry Feed Mixing Plants				
HT V (F) : Government / Pvt. LIS				
HT Temporary supply				
RESCOs				
HT Category at 132 KV		62	3.72	
HT I (B): Townships & Residential Colonies				
HT II (A) : Commercial				
Time of Day Tariffs (6 PM to 10 PM)				
HT II (B) : Public Infrastructure and Tourism				
Time of Day Tariffs (6 PM to 10 PM)				
HT II (D) : Function Halls / Auditoriums				
HT II (D) : Start up power				
HT II (E): Electric Vehicles (Evs) / Charging stations				
HT II (F) : Green Power				
HT III (A): Industry		62	3.72	
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)				
Industrial Colonies				
HT III (B): Seasonal Industries				
HT III (C): Energy Intensive Industries				
HT IV (B): CPWS / PWS Scheme				
HT IV (E): Religious Places				
HT IV (F) : Railway Traction				
HT V (C) : Aquaculture and Animal Husbandry				
HT V (D) : Poultry Hatcheries and Poultry Feed Mixing Plants				
HT V (F) : Government / Pvt. LIS				
HT Temporary supply				
RESCOs				
Total (LT & HT)		1874.00	12.00	

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				
Commercial & Others				
Industry				
Institutional				
Agriculture & Related				
Temporary				
HT Category at 11 KV		1174	1.29	
HT I (B): Townships & Residential Colonies				
HT II (A) : Commercial				
Time of Day Tariffs (6 PM to 10 PM)				
HT II (B) : Public Infrastructure and Tourism				
Time of Day Tariffs (6 PM to 10 PM)				
HT II (D) : Function Halls / Auditoriums				
HT II (D) : Start up power				
HT II (E): Electric Vehicles (Evs) / Charging stations				
HT II (F) : Green Power				
HT III (A): Industry		1174	1.29	
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)				
Industrial Colonies				
HT III (B): Seasonal Industries				
HT III (C): Energy Intensive Industries				
HT IV (B): CPWS / PWS Scheme				
HT IV (E): Religious Places				
HT IV (F) : Railway Traction				
HT V (C) : Aquaculture and Animal Husbandry				
HT V (D) : Poultry Hatcheries and Poultry Feed Mixing Plants				
HT V (F) : Government / Pvt. LIS				
HT Temporary supply				
RESCOs				

Consumer Category	Data Link	Total		Remarks
		No. of consumers	Incentive Amount	
HT Category at 33 KV		674	7.33	
HT I (B): Townships & Residential Colonies				
HT II (A) : Commercial				
Time of Day Tariffs (6 PM to 10 PM)				
HT II (B) : Public Infrastructure and Tourism				
Time of Day Tariffs (6 PM to 10 PM)				
HT II (D) : Function Halls / Auditoriums				
HT II (D) : Start up power				
HT II (E): Electric Vehicles (Evs) / Charging stations				
HT II (F) : Green Power				
HT III (A): Industry		674	7.33	
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)				
Industrial Colonies				
HT III (B): Seasonal Industries				
HT III (C): Energy Intensive Industries				
HT IV (B) : CPWS / PWS Scheme				
HT IV (E): Religious Places				
HT IV (F) : Railway Traction				
HT V (C) : Aquaculture and Animal Husbandry				
HT V (D) : Poultry Hatcheries and Poultry Feed Mixing Plants				
HT V (F) : Government / Pvt. LIS				
HT Temporary supply				
RESCOs				
HT Category at 132 KV		71	4.29	
HT I (B): Townships & Residential Colonies				
HT II (A) : Commercial				
Time of Day Tariffs (6 PM to 10 PM)				
HT II (B) : Public Infrastructure and Tourism				
Time of Day Tariffs (6 PM to 10 PM)				
HT II (D) : Function Halls / Auditoriums				
HT II (D) : Start up power				
HT II (E): Electric Vehicles (Evs) / Charging stations				
HT II (F) : Green Power				
HT III (A): Industry		71	4.29	
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)				
Industrial Colonies				
HT III (B): Seasonal Industries				
HT III (C): Energy Intensive Industries				
HT IV (B) : CPWS / PWS Scheme				
HT IV (E): Religious Places				
HT IV (F) : Railway Traction				
HT V (C) : Aquaculture and Animal Husbandry				
HT V (D) : Poultry Hatcheries and Poultry Feed Mixing Plants				
HT V (F) : Government / Pvt. LIS				
HT Temporary supply				
RESCOs				
Total (LT & HT)		1919.00	12.91	

		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)
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		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

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)
HT III (C): Energy Intensive Industries									
HT IV (B): CPWS / PWS Scheme									
HT IV (E): Religious Places									
HT IV (F) : Railway Traction									
HT V (C) : Aquaculture and Animal Husbandry									
HT V (D) : Poultry Hatcheries and Poultry Feed Mixing Plants									
HT V (F) : Government / Pvt. LIS									
HT Temporary supply									
RESCOs									
HT Category at 132 KV		0	0.00		0.00	0	0.00		0.00
HT I (B): Townships & Residential Colonies									
HT II (A) : Commercial									
Time of Day Tariffs (6 PM to 10 PM)									
HT II (B) : Public Infrastructure and Tourism									
Time of Day Tariffs (6 PM to 10 PM)									
HT II (D) : Function Halls / Auditoriums									
HT II (D) : Start up power									
HT II (E): Electric Vehicles (Evs) / Charging stations									
HT II (F) : Green Power									
HT III (A): Industry									
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)									
Industrial Colonies									
HT III (B): Seasonal Industries									
HT III (C): Energy Intensive Industries									
HT IV (B): CPWS / PWS Scheme									
HT IV (E): Religious Places									
HT IV (F) : Railway Traction									
HT V (C) : Aquaculture and Animal Husbandry									
HT V (D) : Poultry Hatcheries and Poultry Feed Mixing Plants									
HT V (F) : Government / Pvt. LIS									
HT Temporary supply									
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)
HT IV (F) : Railway Traction									
HT V (C) : Aquaculture and Animal Husbandry									
HT V (D) : Poultry Hatcheries and Poultry Feed Mixing Plants									
HT V (F) : Government / Pvt. LIS									
HT Temporary supply									
RESCOs									
HT Category at 132 KV		0	0.00		0.00	0	0.00		0.00
HT I (B): Townships & Residential Colonies									
HT II (A) : Commercial									
Time of Day Tariffs (6 PM to 10 PM)									
HT II (B) : Public Infrastructure and Tourism									
Time of Day Tariffs (6 PM to 10 PM)									
HT II (D) : Function Halls / Auditoriums									
HT II (D) : Start up power									
HT II (E): Electric Vehicles (Evs) / Charging stations									
HT II (F) : Green Power									
HT III (A): Industry									
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)									
Industrial Colonies									
HT III (B): Seasonal Industries									
HT III (C): Energy Intensive Industries									
HT IV (B): CPWS / PWS Scheme									
HT IV (E): Religious Places									
HT IV (F) : Railway Traction									
HT V (C) : Aquaculture and Animal Husbandry									
HT V (D) : Poultry Hatcheries and Poultry Feed Mixing Plants									
HT V (F) : Government / Pvt. LIS									
HT Temporary supply									
RESCOs									
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	101.43	106.51			
Cap S/c		82.86	87.01	91.36			
Gain/loss (Billing)		-0.11	-0.11	-0.12			
HT EPSS		0.00	0.00	0.00			
IED		6.12	6.43	6.75			
Int on Bank Deposits		0.67	0.70	0.74			
LPF		2.94	3.09	3.24			
LVSe		8.67	9.10	9.56			
Malpractice		6.40	6.72	7.06			
Prior Period HT		-27.99	-29.39	-30.86			
Prior Period LT		-8.70	-9.14	-9.60			
Reactive Income		1.14	1.20	1.26			
Receipt of Direct Ta		2.57	2.70	2.84			
Recoveries for TP		0.00	0.00	0.00			
Theft		16.59	17.42	18.29			
Reconnection fee		56.29	59.10	62.06			
Delayed payment surcharge		654.46	687.18	721.54			
Total Non tariff income		898.52	943.45	990.62	0.00	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/Commrl (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/Commrl (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
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

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 Hactcheries & Poultry Feed mixing plants, Aqua Hatcheries and Aqua Feed mixing plants		7.81						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 Indstr. 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 Assessess	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 Assessess	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 upto15HP	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	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 S Sujala 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	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	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	4209.22	0.00	6246.94	1636.92	0.00	13.09	0.00	7896.95
HT Category at 11 kv	5903				2729.79	0.00	1302.18	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	0	6.33		35.00		0.00			22.16	0.00		0.00		22.16
Industrial Colonies	0	6.32		1.71		0.00			1.08	0.00		0.00		1.08
Seasonal Industries	0	7.66	5700.00	3.96		0.00			3.03	0.00		0.00		3.03
Time of Day Tariffs Peak (6 AM to 10 AM & 6 PM to 10 PM)	0	7.38		445.05		0.00			328.45	0.00		0.00		328.45
Time of Day Tariffs Off Peak (10 PM to 6 AM)	0	5.33		412.59		0.00			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 and 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)	0	8.71		131.38		0.00			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	0	6.95		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	8.00		0.00		0.00			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	
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 upto15HP		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 Sijjala 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	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)	0	5.95			0.00		0.00		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		0.25
HT III: Public Infrastructure and Tourism	65	7.30	5700.00		34.08		15.11		24.88	8.61		0.11		33.60
Time of Day Tariffs (6 PM to 10 PM)	0	8.35			7.96		0.00		6.64	0.00		0.00		6.64
HT IV Government LIS	380	5.82			56.22		104.23		32.72	0.00		0.64		33.36
HT IV Private Irrigation and Agriculture	0	5.82			0.00		0.00		0.00	0.00		0.00		0.00
HT IV CPWS	109	4.89			48.29		21.07		23.62	0.00		0.18		23.80
HT VI: Townships & Residential Colonies	46	6.32	900.00		22.66		9.58		14.32	0.86		0.08		15.26
HT VII: Green Power	0	11.32			0.02		0.00		0.03	0.00		0.00		0.03
HT VIII: Temporary	1	9.50			2.33		0.14		2.21	0.00		0.00		2.22
Category: RESCOs	1	0.33			462.59		0.00		15.27	0.00		0.00		15.27
HT Category at 33 kV	805				3755.32	0.00	1151.69	0.00	2210.06	514.50	0.00	2.72	0.00	2727.28
HT I (A): General	349	5.87	5700.00		1034.14		818.85		607.04	466.74		1.18		1074.96
Lights and Fans	0	5.87			30.64		0.00		17.99	0.00		0.00		17.99
Industrial Colonies	0	6.32			10.83		0.00		6.84	0.00		0.00		6.84
Seasonal Industries	0	6.98	5700.00		0.86		0.00		0.60	0.00		0.00		0.60
Time of Day Tariffs Peak (6 AM to 10 AM & 6 PM to 10 PM)	0	6.92			1030.61		0.00		713.18	0.00		0.00		713.18
Time of Day Tariffs Off Peak (10 PM to 6 AM)	0	4.87			1010.64		0.00		492.18	0.00		0.00		492.18
HT I (B): Energy Intensive Industries	11	5.37			252.30		50.15		135.49	0.00		0.04		135.52
HT I (C) : Aquaculture and Animal Husbandry	0	3.86	360.00		0.00		0.00		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		50.54
HT II: Others	62	6.98	5700.00		83.51		51.88		58.29	29.57		0.21		88.07
Time of Day Tariffs (6 PM to 10 PM)	0	8.03			25.89		0.00		20.79	0.00		0.00		20.79
HT II (B): Religious Places	1	5.03	360.00		29.01		7.00		14.59	0.25		0.00		14.85
HT II (C) : Function Halls / Auditoriums	0	11.77			0.11		0.00		0.13	0.00		0.00		0.13
HT II (E): Electric Vehicles (Evs) / Charging stations	0	6.95			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	8.00			0.00		0.00		0.00	0.00		0.00		0.00
Time of Day Tariffs Off Peak (10 PM to 6 AM)	0	5.95			0.00		0.00		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		21.41
HT III: Public Infrastructure and Tourism	3	6.69	5700.00		6.77		3.20		4.53	1.82		0.01		6.36
Time of Day Tariffs (6 PM to 10 PM)	0	7.74			1.87		0.00		1.45	0.00		0.00		1.45
HT IV Government LIS	52	5.82			86.31		129.89		50.23	0.00		0.18		50.41
HT IV Agriculture	0	5.82			0.00		0.00		0.00	0.00		0.00		0.00
HT IV CPWS	20	4.89			59.86		20.74		29.27	0.00		0.07		29.34
HT VI: Townships & Residential Colonies	7	6.32	900.00		3.76		2.90		2.38	0.26		0.02		2.66
HT VII: Green Power	0	11.32			0.00		0.00		0.00	0.00		0.00		0.00
HT VIII: Temporary	0	8.81			0.00		0.00		0.00	0.00		0.00		0.00
Category: RESCOs	0	0.33			0.00		0.00		0.00	0.00		0.00		0.00
HT Category at 132 kV	122				4786.72	0.00	1755.36	0.00	2497.02	482.07	0.00	0.41	0.00	2979.51
HT I (A): General	46	5.44	5700.00		864.08		621.48		470.06	354.24		0.16		824.46
Lights and Fans	0	5.44			14.63		0.00		7.96	0.00		0.00		7.96
Industrial Colonies	0	6.32			12.95		0.00		8.18	0.00		0.00		8.18
Seasonal Industries	0	6.72	5700.00		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	6.49			840.39		0.00		545.41	0.00		0.00		545.41
Time of Day Tariffs Off Peak (10 PM to 6 AM)	0	4.44			900.70		0.00		399.91	0.00		0.00		399.91
HT I (B): Energy Intensive Industries	1	4.95			108.68		18.00		53.79	0.00		0.00		53.80
HT I (C) : Aquaculture and Animal Husbandry	0	3.86	360.00		0.00		0.00		0.00	0.00		0.00		0.00
HT I (D): Poultry Hatcheries and Poultry Feed Mixing Plants	0	4.89	5700.00		0.00		0.00		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		32.63
Time of Day Tariffs (6 PM to 10 PM)	0	7.77			8.41		0.00		6.53	0.00		0.00		6.53
HT II (B): Religious Places	0	5.03	360.00		0.00		0.00		0.00	0.00		0.00		0.00
HT II (C) : Function Halls / Auditoriums	0	11.77			0.00		0.00		0.00	0.00		0.00		0.00
HT II (E): Electric Vehicles (Evs) / Charging stations	0	6.95			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	8.00			0.00		0.00		0.00	0.00		0.00		0.00
Time of Day Tariffs Off Peak (10 PM to 6 AM)	0	5.95			0.00		0.00		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		4.32
HT III: Public Infrastructure and Tourism	0	6.38	5700.00		0.00		0.00		0.00	0.00		0.00		0.00
Time of Day Tariffs (6 PM to 10 PM)	0	7.43			0.00		0.00		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		685.17
HT IV Agriculture	0	5.82			0.00		0.00		0.00	0.00		0.00		0.00
HT IV CPWS	0	4.89			0.00		0.00		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		411.14
HT VI: Townships & Residential Colonies	0	6.32	900.00		0.00		0.00		0.00	0.00		0.00		0.00
HT VII: Green Power	0	11.32			0.00		0.00		0.00	0.00		0.00		0.00
HT VIII: Temporary	0	8.16			0.00		0.00		0.00	0.00		0.00		0.00
Category: RESCOs	0	0.33			0.00		0.00		0.00	0.00		0.00		0.00
TOTAL (LT + HT)	10735630				34888.91	0.00	14750.58	11154292.58	12489.26	1961.80	88.56	445.03	0.00	14984.65

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
TOTAL(LT + HT)	0.00	14984.65	0.00	0.00	0.00	0.00	898.52	15883.18

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)

-1320 0.00 0.00 0.00

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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)	11407697				24875.45	0.00	11589.54	11744366.32	7028.10	311.49	88.04	464.84	0.00	7892.47
Category- Domestic (All)	8741724				9733.91	0.00	9123.05	0.00	3390.43	0.00	70.18	359.81	0.00	3820.43
Group A: All consumers with annual consumption < = 900 Units	4480697				2410.30	0.00	2884.61	0.00	479.08	0.00	56.55	142.14	0.00	677.76
0-50	3322379	1.45			1694.17		2057.74		245.65	0.00	56.55	99.67		401.87
51-100	1044570	2.60			503.60		709.75		130.94	0.00		37.60		168.54
101-200	100021	3.60			133.82		100.52		48.17	0.00		4.20		52.37
Above 200	13727	6.90			78.71		16.60		54.31	0.00		0.66		54.97
Group B: All consumers with consumption (< =2700 and > 900 units)	3698441				5276.02	0.00	4460.90	0.00	1710.77	0.00	8.07	185.58	0.00	1904.42
0-50	403831	2.60			1925.88		456.55		500.73	0.00	8.07	16.96		525.76
51-100	1714186	2.60			1592.93		1782.91		414.16	0.00		82.28		496.44
101-200	1436860	3.60			1304.99		1985.80		469.80	0.00		77.59		547.39
201-300	121810	6.90			286.95		206.10		197.99	0.00		7.31		205.30
Above 300	21754	7.75			165.28		29.55		128.09	0.00		1.44		129.53
Group C: All consumers with annual consumption >2700 units	562586				2047.58	0.00	1777.54	0.00	1200.58	0.00	5.56	32.10	0.00	1238.25
0-50	17527	2.65			310.14		42.07		82.19	0.00	5.56	0.74		88.49
51-100	33438	3.35			292.85		83.77		98.10	0.00		1.61		99.71
101-200	244054	5.40			512.94		687.73		276.99	0.00		13.18		290.17
201-300	179571	7.10			360.34		559.95		255.84	0.00		10.77		266.62
301-400	50550	7.95			209.41		196.89		166.48	0.00		3.34		169.82
401-500	16293	8.50			118.86		78.24		101.03	0.00		1.08		102.11
Above 500 units	21153	9.05			243.04		128.89		219.95	0.00		1.40		221.35
Smart Meters	0				0.00		0.00		0.00	0.00		0.00		0.00
Category II - Non-domestic/Commr (A, B, C, D & E)	856684				2067.07	0.00	2216.02	0.00	1877.64	178.55	16.42	36.68	0.00	2109.30
Category II - Non-domestic/Commr (A & B)	853798				2042.88	0.00	2172.77	0.00	1849.13	178.23	16.42	36.51	0.00	2080.29
Lt - II (A) Upto 50 units/month	482915				101.93	0.00	721.58	0.00	55.04	47.62	16.42	17.38	0.00	136.47
0-50 units	482915	5.40	660.00	660.00	101.93		721.58		55.04	47.62	16.42	17.38		136.47
Lt - II (B) >50 Units/month	370883				1940.95	0.00	1451.19	0.00	1794.09	130.61	0.00	19.12	0.00	1943.82
0-50	0	6.90	900.00	900.00	241.44		0.00		166.59	0.00		0.00		166.59
51-100	150968	7.65	900.00	900.00	189.93		254.51		145.30	22.91		7.25		175.45
101-300	139113	9.05	900.00	900.00	361.20		366.12		326.89	32.95		7.51		367.35
301-500	30038	9.60	900.00	900.00	187.24		148.32		179.75	13.35		1.62		194.72
Above 500	50764	10.15	900.00	900.00	961.15		682.25		975.56	61.40		2.74		1039.71
LT II (C): Advertisement Hoardings	932	12.25	900.00	900.00	2.73		3.57		3.34	0.32		0.06		3.72
LT II (D): Function Halls	1934	11.75			21.39		39.38		25.14	0.00		0.12		25.25
LT II (E): Electric Vehicles (EVs)	20	5.00			0.06		0.30		0.03	0.00		0.01		0.04
Category III - Industrial	58528				1060.73	0.00	0.00	1372357.56	696.93	89.36	0.00	4.42	0.00	790.72
A) Industries (General)	44629	6.70	900.00	900.00	1014.02		0.00	1316717.92	679.40	88.37		3.37		771.14
B) Seasonal Industries (off season)	36	7.45	900.00	900.00	0.06		0.00	0.00	0.04	0.00		0.00		0.05
D) Cottage Industries upto 10HP	13863	3.75	240.00	240.00	46.65		0.00	55639.64	17.49	1.00		1.05		19.54
LT IV: Institutional	192259				908.29	0.00	250.47	315637.54	505.50	43.57	1.44	7.81	0.00	558.32
LT IV (A): Street Lighting	68651				198.10	0.00	119.50	0.00	123.87	10.76	0.00	2.88	0.00	137.50
Panchayats	50882	5.95	900.00	900.00	127.02		78.97		75.58	7.11		2.14		84.82
Municipalities	8741	6.50	900.00	900.00	33.12		18.13		21.53	1.63		0.37		23.52
Municipal Corporations	9028	7.05	900.00	900.00	37.96		22.41		26.76	2.02		0.38		29.16
LT IV (B): PWS Schemes	46838				584.10	0.00	0.00	311738.16	296.51	28.06	0.00	1.97	0.00	326.54
Panchayats	41431	4.85	900.00	900.00	484.33		0.00	268337.51	234.90	24.15		1.74		260.79
Municipalities	2880	5.95	900.00	900.00	58.84		0.00	24391.60	35.01	2.20		0.12		37.33
Municipal Corporations	2527	6.50	900.00	900.00	40.93		0.00	19009.06	26.60	1.71		0.11		28.42
LT-IV (C): NTR Sujala Padhakam	1151	4.00	120.00	120.00	6.19		0.00	3899.38	2.48	0.05		0.04		2.57
LT-IV (D): General Purpose	62327	7.25	360.00	360.00	101.75		112.16		73.77	4.04	1.44	2.24		81.49

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	

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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	7892.47	0.00	0.00	0.00	0.00	638.40	8530.87
Category- Domestic (All)	0.00	3820.43					249.81	4070.24
Group A: All consumers with annual consumption <= 900 Units		677.76						677.76
0-50		401.87						401.87
51-100		168.54						168.54
101-200		52.37						52.37
Above 200		54.97						54.97
Group B: All consumers with consumption (< =2700 and > 900 units)		1904.42						1904.42
0-50		525.76						525.76
51-100		496.44						496.44
101-200		547.39						547.39
201-300		205.30						205.30
Above 300		129.53						129.53
Group C: All consumers with annual consumption >2700 units		1238.25						1238.25
0-50		88.49						88.49
51-100		99.71						99.71
101-200		290.17						290.17
201-300		266.62						266.62
301-400		169.82						169.82
401-500		102.11						102.11
Above 500 units		221.35						221.35
Smart Meters		0.00						0.00
Category II - Non-domestic/Commrl (A,B ,C, D & E)	0.00	2109.30					53.05	2162.35
Category II - Non-domestic/Commrl (A & B)		2080.29						2080.29
Lt - II (A) Upto 50 units/month		136.47						136.47
0-50 units		136.47						136.47
Lt - II (B) >50 Units/month		1943.82						1943.82
0-50		166.59						166.59
51-100		175.45						175.45
101-300		367.35						367.35
301-500		194.72						194.72
Above 500		1039.71						1039.71
LT II (C): Advertisement Hoardings		3.72						3.72
LT II (D): Function Halls		25.25						25.25
LT II (E): Electric Vehicles (EVs)		0.04						0.04
Category III - Industrial	0.00	790.72					27.22	817.94
A) Industries (General)		771.14						771.14
B) Seasonal Industries (off season)		0.05						0.05
D) Cottage Industries upto 10HP		19.54						19.54
LT IV: Institutional	0.00	558.32					23.31	581.63
LT IV A): Street Lighting		137.50						137.50
Panchayats		84.82						84.82
Municipalities		23.52						23.52
Municipal Corporations		29.16						29.16
LT IV (B): PWS Schemes		326.54						326.54
Panchayats		260.79						260.79
Municipalities		37.33						37.33
Municipal Corporations		28.42						28.42
LT-IV (C): NTR Sujala Padhakam		2.57						2.57
LT IV (D): General Purpose		81.49						81.49

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 IV (E): Religious Places	13292				18.15	0.00	18.80	0.00	8.87	0.68	0.00	0.67	0.00	10.22
(i) Religious Places (CL > 2kW)	841	5.00	360.00	360.00	7.97		6.61		3.98	0.24	0.00	0.05		4.27
(ii) Religious Places (CL <= 2kW)	11634	4.80	360.00	360.00	10.18		12.19		4.89	0.44	0.00	0.63		5.95
LT V: Agriculture	1558490				11104.80	0.00	0.00	10056371.22	556.91	0.00	0.00	56.11	0.00	613.01
LT V (B)						0.00	0.00							
Corporate Farmers with DSM	8561	2.50			2.08			45293.70	0.52	0.00		0.31		0.83
Corporate Farmers without DSM	7200	3.50			1.47			37765.51	0.51	0.00		0.26		0.77
Non-Corporate Farmers	1501391	0.00			9653.33			8921857.09	0.00	0.00		54.05		54.05
Salt farming units with CL upto 15HP	1510	2.50			2.74			5955.98	0.68	0.00		0.05		0.74
Rural Horticulture Nurseries	2884	0.00			1.95			4942.22	0.00	0.00		0.10		0.10
Sugarcane crushing	39	0.00			1.18			851.68	0.00	0.00		0.00		0.00
V (C) : Aquaculture and Animal Husbandry	36015	3.85	360.00		1417.34			1026171.03	545.68	0.00		1.30		546.97
V (D) Poultry Hatcheries & Poultry Feed mixing plants	13	3.85	900.00		24.11			148.57	9.28	0.00		0.00		9.28
Floriculture in Green House	702	3.85	900.00		0.02			12663.13	0.01	0.00		0.03		0.03
E) Agro Based Activities	175	3.75	240.00		0.59			722.30	0.22	0.00		0.01		0.23
Category VIII-Temporary Supply	12	10.50	360.00		0.66	0.00	0.00	0.00	0.70	0.00	0.00	0.00	0.00	0.70
Temp. Supply (for all units)	0				0.00			0.00	0.00	0.00		0.00		0.00
New L T Categories (Total)					0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL (LT including new categories)	11407697				24875.45	0.00	11589.54	11744366.32	7028.10	311.49	88.04	464.84	0.00	7892.47
HIGH TENSION	7878				11886.55	0.00	4617.62	0.00	6632.17	1794.52	0.00	14.26	0.00	8440.95
HT Category at 11 kV	7097				3079.52	0.00	1522.23	0.00	1791.96	766.89	0.00	11.97	0.00	2570.82
HT I (B): Townships & Residential Colonies	41	6.30	900.00		20.30		8.54		12.79	0.77		0.07		13.63
HT II (A) : Commercial	2940	7.65	5700.00		829.72		545.20		634.74	310.77		4.96		950.46
Time of Day Tariffs (6 PM to 10 PM)	0	8.65			125.68		0.00		108.71	0.00		0.00		108.71
HT II (B) : Public Infrastructure and Tourism	75	7.30	5700.00		39.25		17.43		28.66	9.94		0.13		38.72
Time of Day Tariffs (6 PM to 10 PM)	0	8.30			3.81		0.00		3.16	0.00		0.00		3.16
HT II (D) : Function Halls / Auditoriums / Start-up power	111	11.75			8.17		19.80		9.60	0.00		0.19		9.79
HT II (E): Electric Vehicles (Evs) / Charging stations	0	5.00			0.00		0.00		0.00	0.00		0.00		0.00
HT II (F) : Green Power	0	11.30			0.00		0.00		0.00	0.00		0.00		0.00
HT III (A): Industry	3166	6.30	5700.00		498.28		737.28		313.92	420.25		5.34		739.51
Time of Day Tariffs Peak (6 AM to 10 AM & 6 PM to 10 PM)	0	7.30			448.24		0.00		327.21	0.00		0.00		327.21
Time of Day Tariffs Off Peak (10 PM to 6 AM)	0	5.30			422.27		0.00		223.80	0.00		0.00		223.80
Industrial Colonies	0	6.30			1.59		0.00		1.00	0.00		0.00		1.00
HT III (B): Seasonal Industries	27	7.65	5700.00		3.73		0.00		2.85	0.00		0.05		2.90
HT III (C): Energy Intensive Industries	3	5.80			1.91		0.74		1.11	0.00		0.01		1.11

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 IV (E): Religious Places		10.22						10.22
(i) Religious Places (CL > 2kW)		4.27						4.27
(ii) Religious Places (CL <= 2kW)		5.95						5.95
LT V: Agriculture	0.00	613.01					284.99	898.00
LT V (B)								0.00
Corporate Farmers with DSM		0.83						0.83
Corporate Farmers without DSM		0.77						0.77
Non-Corporate Farmers		54.05						54.05
Salt farming units with CL upto 15HP		0.74						0.74
Rural Horticulture Nurseries		0.10						0.10
Sugarcane crushing		0.00						0.00
V (C) : Aquaculture and Animal Husbandry		546.97						546.97
V (D) : Poultry Hactcheries & Poultry Feed mixing plants		9.28						9.28
Floriculture in Green House		0.03						0.03
E) Agro Based Activities		0.23						0.23
Category VIII-Temporary Supply	0.00	0.70					0.02	0.71
Temp. Supply (for all units)		0.00						0.00
New L T Categories (Total)	0.00	0.00						0.00
								0.00
TOTAL (LT including new categories)	0.00	7892.47	0.00	0.00	0.00	0.00	638.40	8530.87
HIGH TENSION	12.00	8428.95	0.00	0.00	0.00	0.00	305.05	8734.01
HT Category at 11 kV	1.28	2569.54	0.00	0.00	0.00	0.00	79.03	2648.57
HT I (B): Townships & Residential Colonies	0.00	13.63					0.52	14.15
HT II (A) : Commercial	0.00	950.46					21.29	971.76
Time of Day Tariffs (6 PM to 10 PM)	0.00	108.71					3.23	111.94
HT II (B) : Public Infrastructure and Tourism	0.00	38.72					1.01	39.73
Time of Day Tariffs (6 PM to 10 PM)	0.00	3.16					0.10	3.26
HT II (D) : Function Halls / Auditoriums / Start-up power	0.00	9.79					0.21	10.00
HT II (E): Electric Vehicles (Evs) / Charging stations	0.00	0.00					0.00	0.00
HT II (F) : Green Power	0.00	0.00					0.00	0.00
HT III (A): Industry	1.28	738.23					12.79	751.02
Time of Day Tariffs Peak (6 AM to 10 AM & 6 PM to 10 PM)	0.00	327.21					11.50	338.72
Time of Day Tariffs Off Peak (10 PM to 6 AM)	0.00	223.80					10.84	234.64
Industrial Colonies	0.00	1.00					0.04	1.05
HT III (B): Seasonal Industries	0.00	2.90					0.10	2.99
HT III (C): Energy Intensive Industries	0.00	1.11					0.05	1.16

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 IV (B): CPWS / PWS Scheme	104	4.85			46.28		20.11		22.44	0.00		0.18		22.62
HT IV (E): Religious Places	22	5.00	360.00		8.11		4.52		4.05	0.16		0.04		4.25
HT IV (F): Railway Traction	0	3.75	4200.00		0.00		0.00		0.00	0.00		0.00		0.00
HT V (C): Aquaculture and Animal Husbandry	67	3.85	360.00		39.05		23.56		15.03	0.85		0.11		15.99
HT V (D): Poultry Hatcheries and Poultry Feed Mixing Plants	162	4.85	5700.00		67.17		42.38		32.58	24.16		0.27		57.01
HT V (F): Government / Pvt. LIS	372	5.80			55.00		102.03		31.90	0.00		0.63		32.53
HT Temporary supply	3				1.00		0.42		0.00	0.00		0.01		0.01
RESCOs	1	0.40			459.85		0.00		18.39	0.00		0.00		18.40
HT Category at 33 kV	672				3980.71	0.00	1246.49	0.00	2312.26	571.69	0.00	1.94	0.00	2885.90
HT I (B): Townships & Residential Colonies	6	6.30	900.00		3.13		2.48		1.97	0.22		0.02		2.22
HT II (A): Commercial	61	6.95	5700.00		81.72		51.05		56.79	29.10		0.21		86.09
Time of Day Tariffs (6 PM to 10 PM)	0	7.95			22.41		0.00		17.82	2.00		0.00		17.82
HT II (B): Public Infrastructure and Tourism	4	6.65	5700.00		8.40		4.27		5.59	2.43		0.01		8.03
Time of Day Tariffs (6 PM to 10 PM)	0	7.65			0.39		0.00		0.30	0.00		0.00		0.30
HT II (D): Function Halls / Auditoriums / Start-up power	0	11.75			7.50		0.00		8.82	0.00		0.00		8.82
HT II (E): Electric Vehicles (Evs) / Charging stations	0	5.00			0.00		0.00		0.00	0.00		0.00		0.00
HT II (F): Green Power	1	11.30			0.10		0.00		0.11	0.00		0.00		0.11
HT III (A): Industry	383	5.85	5700.00		1168.74		898.62		683.71	512.21		1.29		1197.22
Time of Day Tariffs Peak (6 AM to 10 AM & 6 PM to 10 PM)	0	6.85			1066.48		0.00		730.54	0.00		0.00		730.54
Time of Day Tariffs Off Peak (10 PM to 6 AM)	0	4.85			1072.26		0.00		520.05	0.00		0.00		520.05
Industrial Colonies	0	6.30			10.14		0.00		6.39	0.00		0.00		6.39
HT III (B): Seasonal Industries	1	6.95	5700.00		0.73		0.00		0.51	0.00		0.00		0.51
HT III (C): Energy Intensive Industries	9	5.35			212.31		41.03		113.58	0.00		0.03		113.61
HT IV (B): CPWS / PWS Scheme	20	4.85			58.89		20.74		28.56	0.00		0.07		28.63
HT IV (E): Religious Places	1	5.00	360.00		32.18		7.00		16.09	0.25		0.00		16.34
HT IV (F): Railway Traction	0	3.75	4200.00		0.00		0.00		0.00	0.00		0.00		0.00
HT V (C): Aquaculture and Animal Husbandry	0	3.85	360.00		0.00		0.00		0.00	0.00		0.00		0.00
HT V (D): Poultry Hatcheries and Poultry Feed Mixing Plants	26	4.85	5700.00		122.89		48.21		59.60	27.48		0.09		87.17
HT V (F): Government / Pvt. LIS	64	5.80			106.63		159.87		61.85	0.00		0.22		62.06
HT Temporary supply	0				0.00		0.00		0.00	0.00		0.00		0.00
RESCOs	0	0.40			0.00		0.00		0.00	0.00		0.00		0.00
HT Category at 132 kV	109				4826.32	0.00	1848.90	0.00	2527.95	455.94	0.00	0.35	0.00	2984.23
HT I (B): Townships & Residential Colonies	0	6.30	900.00		0.00		0.00		0.00	0.00		0.00		0.00
HT II (A): Commercial	1	6.70	5700.00		32.79		13.00		21.97	7.41		0.00		29.38
Time of Day Tariffs (6 PM to 10 PM)	0	7.70			7.25		0.00		5.58	0.00		0.00		5.58
HT II (B): Public Infrastructure and Tourism	0	6.35	5700.00		0.00		0.00		0.00	0.00		0.00		0.00
Time of Day Tariffs (6 PM to 10 PM)	0	7.35			0.00		0.00		0.00	0.00		0.00		0.00
HT II (D): Function Halls / Auditoriums / Start-up power	0	11.75			2.06		0.00		2.42	0.00		0.00		2.42
HT II (E): Electric Vehicles (Evs) / Charging stations	0	5.00			0.00		0.00		0.00	0.00		0.00		0.00
HT II (F): Green Power	0	11.30			0.00		0.00		0.00	0.00		0.00		0.00
HT III (A): Industry	40	5.40	5700.00		769.45		540.42		415.50	308.04		0.14		723.68
Time of Day Tariffs Peak (6 AM to 10 AM & 6 PM to 10 PM)	0	6.40			803.81		0.00		514.44	0.00		0.00		514.44
Time of Day Tariffs Off Peak (10 PM to 6 AM)	0	4.40			845.99		0.00		372.24	0.00		0.00		372.24
Industrial Colonies	0	6.30			13.15		0.00		8.29	0.00		0.00		8.29
HT III (B): Seasonal Industries	0	6.70	5700.00		0.00		0.00		0.00	0.00		0.00		0.00
HT III (C): Energy Intensive Industries	1	4.95			85.96		18.00		42.55	0.00		0.00		42.55
HT IV (B): CPWS / PWS Scheme	0	4.85			0.00		0.00		0.00	0.00		0.00		0.00
HT IV (E): Religious Places	0	5.00	360.00		0.00		0.00		0.00	0.00		0.00		0.00
HT IV (F): Railway Traction	30	3.75	4200.00		822.59		334.50		308.47	140.49		0.10		449.06
HT V (C): Aquaculture and Animal Husbandry	0	3.85	360.00		0.00		0.00		0.00	0.00		0.00		0.00
HT V (D): Poultry Hatcheries and Poultry Feed Mixing Plants	0	4.85	5700.00		0.00		0.00		0.00	0.00		0.00		0.00
HT V (F): Government / Pvt. LIS	32	5.80			1442.21		942.20		836.48	0.00		0.11		836.59
HT Temporary supply	0				0.00		0.00		0.00	0.00		0.00		0.00
RESCOs	0	0.40			0.00		0.00		0.00	0.00		0.00		0.00
TOTAL (LT + HT)	11415575				36762.01	0.00	16207.16	11744366.32	13660.27	2106.01	88.04	479.10	0.00	16333.43

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 IV (B): CPWS / PWS Scheme	0.00	22.62					1.19	23.81
HT IV (E): Religious Places	0.00	4.25					0.21	4.46
HT IV (F) : Railway Traction	0.00	0.00					0.00	0.00
HT V (C) : Aquaculture and Animal Husbandry	0.00	15.99					1.00	17.00
HT V (D) : Poultry Hatcheries and Poultry Feed Mixing Plants	0.00	57.01					1.72	58.74
HT V (F) : Government / Pvt. LIS	0.00	32.53					1.41	33.94
HT Temporary supply	0.00	0.01					0.03	0.03
RESCOs	0.00	18.40					11.80	30.20
HT Category at 33 kV	7.00	2878.90	0.00	0.00	0.00	0.00	102.16	2980.91
HT I (B): Townships & Residential Colonies	0.00	2.22					0.08	2.30
HT II (A) : Commercial	0.00	86.09					2.10	88.19
Time of Day Tariffs (6 PM to 10 PM)	0.00	17.82					0.58	18.39
HT II (B) : Public Infrastructure and Tourism	0.00	8.03					0.22	8.25
Time of Day Tariffs (6 PM to 10 PM)	0.00	0.30					0.01	0.31
HT II (D) : Function Halls / Auditoriums / Start-up power	0.00	8.82					0.19	9.01
HT II (E): Electric Vehicles (Evs) / Charging stations	0.00	0.00					0.00	0.00
HT II (F) : Green Power	0.00	0.11					0.00	0.11
HT III (A): Industry	7.00	1190.22					29.99	1220.21
Time of Day Tariffs Peak (6 AM to 10 AM & 6 PM to 10 PM)	0.00	730.54					27.37	757.91
Time of Day Tariffs Off Peak (10 PM to 6 AM)	0.00	520.05					27.52	547.56
Industrial Colonies	0.00	6.39					0.26	6.65
HT III (B): Seasonal Industries	0.00	0.51					0.02	0.53
HT III (C): Energy Intensive Industries	0.00	113.61					5.45	119.06
HT IV (B): CPWS / PWS Scheme	0.00	28.63					1.51	30.14
HT IV (E): Religious Places	0.00	16.34					0.83	17.17
HT IV (F) : Railway Traction	0.00	0.00					0.00	0.00
HT V (C) : Aquaculture and Animal Husbandry	0.00	0.00					0.00	0.00
HT V (D) : Poultry Hatcheries and Poultry Feed Mixing Plants	0.00	87.17					3.15	90.32
HT V (F) : Government / Pvt. LIS	0.00	62.06					2.74	64.80
HT Temporary supply	0.00	0.00					0.00	0.00
RESCOs	0.00	0.00					0.00	0.00
HT Category at 132 kV	3.72	2980.51	0.00	0.00	0.00	0.00	123.86	3104.35
HT I (B): Townships & Residential Colonies	0.00	0.00					0.00	0.00
HT II (A) : Commercial	0.00	29.38					0.84	30.22
Time of Day Tariffs (6 PM to 10 PM)	0.00	5.58					0.19	5.77
HT II (B) : 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 II (D) : Function Halls / Auditoriums / Start-up power	0.00	2.42					0.05	2.47
HT II (E): Electric Vehicles (Evs) / Charging stations	0.00	0.00					0.00	0.00
HT II (F) : Green Power	0.00	0.00					0.00	0.00
HT III (A): Industry	3.72	719.96					19.75	739.70
Time of Day Tariffs Peak (6 AM to 10 AM & 6 PM to 10 PM)	0.00	514.44					20.63	535.07
Time of Day Tariffs Off Peak (10 PM to 6 AM)	0.00	372.24					21.71	393.95
Industrial Colonies	0.00	8.29					0.34	8.62
HT III (B): Seasonal Industries	0.00	0.00					0.00	0.00
HT III (C): Energy Intensive Industries	0.00	42.55					2.21	44.76
HT IV (B): CPWS / PWS Scheme	0.00	0.00					0.00	0.00
HT IV (E): Religious Places	0.00	0.00					0.00	0.00
HT IV (F) : Railway Traction	0.00	449.06					21.11	470.17
HT V (C) : Aquaculture and Animal Husbandry	0.00	0.00					0.00	0.00
HT V (D) : Poultry Hatcheries and Poultry Feed Mixing Plants	0.00	0.00					0.00	0.00
HT V (F) : Government / Pvt. LIS	0.00	836.59					37.01	873.60
HT Temporary supply	0.00	0.00					0.00	0.00
RESCOs	0.00	0.00					0.00	0.00
TOTAL(LT + HT)	12.00	16321.43	0.00	0.00	0.00	0.00	943.45	17264.88

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)	12018611				26444.58	0.00	12383.40	12236976.07	7586.80	326.97	90.77	492.49	0.00	8497.03
Category - Domestic (All)	9229775				10445.84	0.00	9754.22	0.00	3713.59	0.00	72.41	382.30	0.00	4168.31
Group A: All consumers with annual consumption < = 900 Units	4662977				2515.80	0.00	3008.45	0.00	507.33	0.00	57.68	148.38	0.00	713.38
0-50	3388827	1.45			1728.06		2098.89		250.57	0.00	57.68	101.66		409.91
51-100	1149027	2.60			553.96		780.72		144.03	0.00		41.36		185.40
101-200	110023	3.60			147.20		110.58		52.99	0.00		4.62		57.61
Above 200	15100	6.90			86.58		18.26		59.74	0.00		0.72		60.47
Group B: All consumers with consumption (< =2700 and > 900 units)	3948306				5649.74	0.00	4783.12	0.00	1863.40	0.00	8.47	198.58	0.00	2070.44
0-50	423749	2.60			2020.87		479.06		525.43	0.00	8.47	17.80		551.69
51-100	1793140	2.60			1666.30		1865.02		433.24	0.00		86.07		519.31
101-200	1554898	3.60			1412.19		2148.93		508.39	0.00		83.96		592.35
201-300	150849	6.90			355.36		255.23		245.20	0.00		9.05		254.25
Above 300	25670	7.75			195.03		34.87		151.15	0.00		1.69		152.84
Group C: All consumers with annual consumption >2700 units	618492				2280.30	0.00	1962.65	0.00	1342.87	0.00	6.27	35.35	0.00	1384.49
0-50	19744	2.65			349.38		47.39		92.58	0.00	6.27	0.83		99.68
51-100	36857	3.35			322.79		92.34		108.14	0.00		1.77		109.91
101-200	262657	5.40			552.04		740.15		298.10	0.00		14.18		312.28
201-300	197055	7.10			395.43		614.47		280.75	0.00		11.82		292.58
301-400	58686	7.95			243.12		228.57		193.28	0.00		3.87		197.15
401-500	19590	8.50			142.91		94.08		121.47	0.00		1.29		122.76
Above 500 units	23903	9.05			274.63		145.65		248.54	0.00		1.58		250.12
Smart Meters	0				0.00		0.00		0.00	0.00		0.00		0.00
Category II - Non-domestic/Commrl (A, B, C, D & E)	905484				2223.30	0.00	2359.10	0.00	2019.65	190.79	16.83	39.06	0.00	2266.33
Category II - Non-domestic/Commrl (A & B)	902347				2197.59	0.00	2313.02	0.00	1989.38	190.42	16.83	38.86	0.00	2235.49
Lt - II (A) Upto 50 units/month	494903				104.46	0.00	739.49	0.00	56.41	48.81	16.83	17.82	0.00	139.86
0-50 units	494903	5.40	660.00		104.46		739.49		56.41	48.81	16.83	17.82		139.86
Lt - II (B) >50 Units/month	407444				2093.14	0.00	1573.53	0.00	1932.97	141.62	0.00	21.04	0.00	2095.63
0-50	0	6.90	900.00		257.81		0.00		177.89	0.00		0.00		177.89
51-100	159525	7.65	900.00		200.70		268.93		153.53	24.20		7.66		185.40
101-300	160768	9.05	900.00		417.43		423.11		377.77	38.08		8.68		424.53
301-500	34085	9.60	900.00		212.46		168.30		203.97	15.15		1.84		220.95
Above 500	53066	10.15	900.00		1004.74		713.19		1019.81	64.19		2.87		1086.86
LT II (C): Advertisement Hoardings	1062	12.25	900.00		3.11		4.06		3.81	0.37		0.06		4.24
LT II (D): Function Halls	2031	11.75			22.46		41.35		26.40	0.00		0.12		26.52
LT II (E): Electric Vehicles (EVs)	44	5.00			0.13		0.66		0.07	0.00		0.01		0.08
Category III - Industrial	59712				1073.35	0.00	0.00	1388462.12	704.66	90.30	0.00	4.51	0.00	799.47
A) Industries (General)	45075	6.70	900.00	900.00	1024.16		0.00	1329876.54	686.19	89.25		3.41		778.85
B) Seasonal Industries (off season)	40	7.45	900.00	900.00	0.06		0.00	0.00	0.05	0.00		0.00		0.05
D) Cottage Industries upto 10HP	14597	3.75	240.00	240.00	49.12		0.00	58585.57	18.42	1.05		1.10		20.57

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	

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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	8497.03	0.00	0.00	0.00	0.00	675.28	9172.31
Category- Domestic (All)	0.00	4168.31					266.74	4435.05
Group A: All consumers with annual consumption < = 900 Units		713.38						713.38
0-50		409.91						409.91
51-100		185.40						185.40
101-200		57.61						57.61
Above 200		60.47						60.47
Group B: All consumers with consumption (< =2700 and > 900 units)		2070.44						2070.44
0-50		551.69						551.69
51-100		519.31						519.31
101-200		592.35						592.35
201-300		254.25						254.25
Above 300		152.84						152.84
Group C: All consumers with annual consumption >2700 units		1384.49						1384.49
0-50		99.68						99.68
51-100		109.91						109.91
101-200		312.28						312.28
201-300		292.58						292.58
301-400		197.15						197.15
401-500		122.76						122.76
Above 500 units		250.12						250.12
Smart Meters		0.00						0.00
Category II - Non-domestic/CommrI (A,B ,C, D & E)	0.00	2266.33					56.77	2323.10
Category II - Non-domestic/CommrI (A & B)		2235.49						2235.49
Lt - II (A) Upto 50 units/month		139.86						139.86
0-50 units		139.86						139.86
Lt - II (B) >50 Units/month		2095.63						2095.63
0-50		177.89						177.89
51-100		185.40						185.40
101-300		424.53						424.53
301-500		220.95						220.95
Above 500		1086.86						1086.86
LT II (C): Advertisement Hoardings		4.24						4.24
LT II (D): Function Halls		26.52						26.52
LT II (E): Electric Vehicles (EVs)		0.08						0.08
Category III - Industrial	0.00	799.47					27.41	826.88
A) Industries (General)		778.85						778.85
B) Seasonal Industries (off season)		0.05						0.05
D) Cottage Industries upto 10HP		20.57						20.57

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 IV: Institutional	201651				956.63	0.00	263.60	333801.08	531.54	45.88	1.53	8.22	0.00	587.17
LT IV A): Street Lighting	71408				204.86	0.00	123.74	0.00	127.87	11.14	0.00	3.00	0.00	142.01
Panchayats	53749	5.95	900.00	900.00	134.18		83.42		79.83	7.51		2.26		89.60
Municipalities	8587	6.50	900.00	900.00	32.53		17.81		21.15	1.60		0.36		23.11
Municipal Corporations	9072	7.05	900.00	900.00	38.15		22.51		26.89	2.03		0.38		29.30
LT IV (B): PWS Schemes	49552				616.67	0.00	0.00	329512.10	312.65	29.66	0.00	2.08	0.00	344.38
Panchayats	44010	4.85	900.00	900.00	514.48			285041.00	249.52	25.65		1.85		277.03
Municipalities	2938	5.95	900.00	900.00	60.02			24882.82	35.71	2.24		0.12		38.08
Municipal Corporations	2604	6.50	900.00	900.00	42.17			19588.28	27.41	1.76		0.11		29.28
LT-IV (C): NTR Sujala Padhakam	1266	4.00	120.00	120.00	6.81			4288.98	2.73	0.05		0.05		2.82
LT IV (D): General Purpose	66334	7.25	360.00	360.00	108.29		119.38	0.00	78.51	4.30	1.53	2.39		86.73
LT IV (E): Religious Places	13091				19.99	0.00	20.48	0.00	9.78	0.74	0.00	0.71	0.00	11.23
(i) Religious Places (CL > 2kW)	992	5.00	360.00	360.00	9.40		7.80		4.70	0.28	0.00	0.05		5.04
(ii) Religious Places (CL <= 2kW)	12099	4.80	360.00	360.00	10.59		12.68		5.08	0.46	0.00	0.65		6.19
LT V: Agriculture	1621976				11744.73	0.00	6.48	10514712.87	617.36	0.00	0.00	58.39	0.00	675.75
Corporate Farmers with DSM	8897	2.50			2.18		6.48	47071.38	0.55	0.00		0.32		0.87
Corporate Farmers without DSM	7483	3.50			1.54			39249.91	0.54	0.00		0.27		0.81
Non-Corporate Farmers	1560374	0.00			10135.99			9272357.32	0.00	0.00		56.17		56.17
Salt farming units with CL upto 15HP	1569	2.50			2.87			6188.70	0.72	0.00		0.06		0.77
Rural Horticulture Nurseries	2997	0.00			2.05			5135.86	0.00	0.00		0.11		0.11
Sugarcane crushing	41	0.00			1.23			895.35	0.00	0.00		0.00		0.00
V (C) : Aquaculture and Animal Husbandry	39617	3.85	360.00	360.00	1559.07			1128802.38	600.24	0.00		1.43		601.67
V (D) Poultry Hatcherries & Poultry Feed mixing plants	21	3.85	900.00	900.00	39.08			240.00	15.05	0.00		0.00		15.05
Floriculture in Green House	772	3.85	900.00	900.00	0.02			13925.84	0.01	0.00		0.03		0.04
E) Agro Based Activities	205	3.75	240.00	240.00	0.69			846.13	0.26	0.00		0.01		0.27
Category VIII-Temporary Supply	13	10.50	360.00	360.00	0.73	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Temp. Supply (for all units)	0				0.00			0.00	0.00	0.00		0.00		0.00
TOTAL (LT including new categories)	12018611				26444.58	0.00	12383.40	12236976.07	7586.80	326.97	90.77	492.49	0.00	8497.03

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 IV: Institutional	0.00	587.17					24.43	611.60
LT IV A): Street Lighting		142.01						142.01
Panchayats		89.60						89.60
Municipalities		23.11						23.11
Municipal Corporations		29.30						29.30
LT IV (B): PWS Schemes		344.38						344.38
Panchayats		277.03						277.03
Municipalities		38.08						38.08
Municipal Corporations		29.28						29.28
LT-IV (C): NTR Sujala Padhakam		2.82						2.82
LT IV (D): General Purpose		86.73						86.73
LT IV (E): Religious Places		11.23						11.23
(i) Religious Places (CL > 2kW)		5.04						5.04
(ii) Religious Places (CL <= 2kW)		6.19						6.19
LT V: Agriculture	0.00	675.75					299.91	975.66
Corporate Farmers with DSM		0.87						0.87
Corporate Farmers without DSM		0.81						0.81
Non-Corporate Farmers		56.17						56.17
Salt farming units with CL upto 15HP		0.77						0.77
Rural Horticulture Nurseries		0.11						0.11
Sugarcane crushing		0.00						0.00
V (C) : Aquaculture and Animal Husbandry		601.67						601.67
V (D) Poultry Hactcheries & Poultry Feed mixing plants		15.05						15.05
Floriculture in Green House		0.04						0.04
E) Agro Based Activities		0.27						0.27
Category VIII-Temporary Supply	0.00	0.00					0.02	0.02
Temp. Supply (for all units)		0.00						0.00
		0.00						0.00
TOTAL (LT including new categories)	0.00	8497.03	0.00	0.00	0.00	0.00	675.28	9172.31

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)
HIGH TENSION	8077				12349.25	0.00	4861.58	0.00	6865.39	1892.17	0.00	15.02	0.00	8772.58
HT Category at 11 kV	7254				3191.86	0.00	1545.85	0.00	1832.11	776.41	0.00	12.24	0.00	2620.76
HT I (B): Townships & Residential Colonies	41	6.30	900.00		20.51		8.54		12.92	0.77		0.07		13.76
HT II (A) : Commercial	3023	7.65	5700.00		853.09		549.83		652.61	313.40		5.10		971.11
Time of Day Tariffs (6 PM to 10 PM)	0	8.65			126.94		0.00		109.80	0.00		0.00		109.80
HT II (B) : Public Infrastructure and Tourism	83	7.30	5700.00		43.18		19.29		31.52	11.00		0.14		42.66
Time of Day Tariffs (6 PM to 10 PM)	0	8.30			3.24		0.00		2.69	0.00		0.00		2.69
HT II (D) : Function Halls / Auditoriums / Start-up power	116	11.75			8.46		20.38		9.94	0.00		0.20		10.13
HT II (E) : Electric Vehicles (Evs) / Charging stations	0	5.00			0.00		0.00		0.00	0.00		0.00		0.00
HT II (F) : Green Power	0	11.30			0.00		0.00		0.00	0.00		0.00		0.00
HT III (A): Industry	3182	6.30	5700.00		500.77		741.00		315.49	422.37		5.37		743.23
Time of Day Tariffs Peak (6 AM to 10 AM & 6 PM to 10 PM)	0	7.30			450.48		0.00		328.85	0.00		0.00		328.85
Time of Day Tariffs Off Peak (10 PM to 6 AM)	0	5.30			430.71		0.00		228.28	0.00		0.00		228.28
Industrial Colonies	0	6.30			1.67		0.00		1.06	0.00		0.00		1.06
HT III (B): Seasonal Industries	28	7.65	5700.00		3.80		0.00		2.91	0.00		0.05		2.96
HT III (C): Energy Intensive Industries	3	5.80			1.95		0.74		1.13	0.00		0.01		1.13
HT IV (B): CPWS / PWS Scheme	106	4.85			47.20		20.49		22.89	0.00		0.18		23.07
HT IV (E): Religious Places	23	5.00	360.00		8.43		4.73		4.21	0.17		0.04		4.42
HT IV (F) : Railway Traction	0	3.75	4200.00		0.00		0.00		0.00	0.00		0.00		0.00
HT V (C) : Aquaculture and Animal Husbandry	76	3.85	360.00		44.16		26.72		17.00	0.96		0.13		18.09
HT V (D) : Poultry Hatcheries and Poultry Feed Mixing Plants	186	4.85	5700.00		77.25		48.66		37.47	27.74		0.31		65.52
HT V (F) : Government / Pvt. LIS	383	5.80			56.65		105.05		32.86	0.00		0.65		33.50
HT Temporary supply	3				1.10		0.42		0.00	0.00		0.01		0.01
RESCOs	1	0.40			512.27		0.00		20.49	0.00		0.00		20.49
									0.00	0.00				
HT Category at 33 kV	705				4086.69	0.00	1304.73	0.00	2378.03	604.25	0.00	2.38	0.00	2984.66
HT I (B): Townships & Residential Colonies	6	6.30	900.00		3.16		2.48		1.99	0.22		0.02		2.24
HT II (A) : Commercial	62	6.95	5700.00		83.35		51.88		57.93	29.57		0.21		87.71
Time of Day Tariffs (6 PM to 10 PM)	0	7.95			22.86		0.00		18.17	0.00		0.00		18.17
HT II (B) : Public Infrastructure and Tourism	5	6.65	5700.00		9.91		5.33		6.59	3.04		0.02		9.65
Time of Day Tariffs (6 PM to 10 PM)	0	7.65			0.32		0.00		0.24	0.00		0.00		0.24
HT II (D) : Function Halls / Auditoriums / Start-up power	101	11.75			14.37		13.92		16.89	0.00		0.34		17.23
HT II (E) : Electric Vehicles (Evs) / Charging stations	0	5.00			0.00		0.00		0.00	0.00		0.00		0.00
HT II (F) : Green Power	1	11.30			0.10		0.00		0.11	0.00		0.00		0.11
HT III (A): Industry	401	5.85	5700.00		1223.80		940.85		715.92	536.28		1.35		1253.56
Time of Day Tariffs Peak (6 AM to 10 AM & 6 PM to 10 PM)	0	6.85			1071.82		0.00		734.19	0.00		0.00		734.19
Time of Day Tariffs Off Peak (10 PM to 6 AM)	0	4.85			1093.70		0.00		530.45	0.00		0.00		530.45
Industrial Colonies	0	6.30			10.34		0.00		6.52	0.00		0.00		6.52
HT III (B): Seasonal Industries	1	6.95	5700.00		0.67		0.00		0.46	0.00		0.00		0.47
HT III (C): Energy Intensive Industries	8	5.35			195.32		36.47		104.50	0.00		0.03		104.52
HT IV (B): CPWS / PWS Scheme	20	4.85			60.06		20.74		29.13	0.00		0.07		29.20
HT IV (E): Religious Places	1	5.00	360.00		33.47		7.00		16.73	0.25		0.00		16.99
HT IV (F) : Railway Traction	0	3.75	4200.00		0.00		0.00		0.00	0.00		0.00		0.00
HT V (C) : Aquaculture and Animal Husbandry	0	3.85	360.00		0.00		0.00		0.00	0.00		0.00		0.00
HT V (D) : Poultry Hatcheries and Poultry Feed Mixing Plants	33	4.85	5700.00		153.61		61.19		74.50	34.88		0.11		109.49
HT V (F) : Government / Pvt. LIS	66	5.80			109.83		164.86		63.70	0.00		0.22		63.92
HT Temporary supply	0				0.00		0.00		0.00	0.00		0.00		0.00
RESCOs	0	0.40			0.00		0.00		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	
HIGH TENSION	12.91	8759.67	0.00	0.00	0.00	0.00	315.35	9075.02
HT Category at 11 kV	1.29	2619.48	0.00	0.00	0.00	0.00	81.51	2700.98
HT I (B): Townships & Residential Colonies	0.00	13.76					0.52	14.28
HT II (A) : Commercial	0.00	971.11					21.78	992.90
Time of Day Tariffs (6 PM to 10 PM)	0.00	109.80					3.24	113.04
HT II (B) : Public Infrastructure and Tourism	0.00	42.66					1.10	43.76
Time of Day Tariffs (6 PM to 10 PM)	0.00	2.69					0.08	2.77
HT II (D) : Function Halls / Auditoriums / Start-up power	0.00	10.13					0.22	10.35
HT II (E): Electric Vehicles (Evs) / Charging stations	0.00	0.00					0.00	0.00
HT II (F) : Green Power	0.00	0.00					0.00	0.00
HT III (A): Industry	1.29	741.94					12.79	754.73
Time of Day Tariffs Peak (6 AM to 10 AM & 6 PM to 10 PM)	0.00	328.85					11.50	340.35
Time of Day Tariffs Off Peak (10 PM to 6 AM)	0.00	228.28					11.00	239.28
Industrial Colonies	0.00	1.06					0.04	1.10
HT III (B): Seasonal Industries	0.00	2.96					0.10	3.05
HT III (C): Energy Intensive Industries	0.00	1.13					0.05	1.18
HT IV (B): CPWS / PWS Scheme	0.00	23.07					1.21	24.28
HT IV (E): Religious Places	0.00	4.42					0.22	4.64
HT IV (F) : Railway Traction	0.00	0.00					0.00	0.00
HT V (C) : Aquaculture and Animal Husbandry	0.00	18.09					1.13	19.22
HT V (D) : Poultry Hatcheries and Poultry Feed Mixing Plants	0.00	65.52					1.97	67.49
HT V (F) : Government / Pvt. LIS	0.00	33.50					1.45	34.95
HT Temporary supply	0.00	0.01					0.03	0.03
RESCOs	0.00	20.49					13.08	33.57
								0.00
HT Category at 33 kV	7.33	2977.33	0.00	0.00	0.00	0.00	104.36	3081.68
HT I (B): Townships & Residential Colonies	0.00	2.24					0.08	2.32
HT II (A) : Commercial	0.00	87.71					2.13	89.84
Time of Day Tariffs (6 PM to 10 PM)	0.00	18.17					0.58	18.76
HT II (B) : Public Infrastructure and Tourism	0.00	9.65					0.25	9.90
Time of Day Tariffs (6 PM to 10 PM)	0.00	0.24					0.01	0.25
HT II (D) : Function Halls / Auditoriums / Start-up power	0.00	17.23					0.37	17.59
HT II (E): Electric Vehicles (Evs) / Charging stations	0.00	0.00					0.00	0.00
HT II (F) : Green Power	0.00	0.11					0.00	0.11
HT III (A): Industry	7.33	1246.23					31.25	1277.48
Time of Day Tariffs Peak (6 AM to 10 AM & 6 PM to 10 PM)	0.00	734.19					27.37	761.56
Time of Day Tariffs Off Peak (10 PM to 6 AM)	0.00	530.45					27.93	558.37
Industrial Colonies	0.00	6.52					0.26	6.78
HT III (B): Seasonal Industries	0.00	0.47					0.02	0.49
HT III (C): Energy Intensive Industries	0.00	104.52					4.99	109.51
HT IV (B): CPWS / PWS Scheme	0.00	29.20					1.53	30.73
HT IV (E): Religious Places	0.00	16.99					0.85	17.84
HT IV (F) : Railway Traction	0.00	0.00					0.00	0.00
HT V (C) : Aquaculture and Animal Husbandry	0.00	0.00					0.00	0.00
HT V (D) : Poultry Hatcheries and Poultry Feed Mixing Plants	0.00	109.49					3.92	113.41
HT V (F) : Government / Pvt. LIS	0.00	63.92					2.80	66.73
HT Temporary supply	0.00	0.00					0.00	0.00
RESCOs	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 at 132 kV	118				5070.70	0.00	2010.99	0.00	2655.25	511.51	0.00	0.40	0.00	3167.15
HT I (B): Townships & Residential Colonies	0	6.30	900.00		0.00		0.00		0.00	0.00		0.00		0.00
HT II (A) : Commercial	1	6.70	5700.00		30.82		13.00		20.65	7.41		0.00		28.06
Time of Day Tariffs (6 PM to 10 PM)	0	7.70			6.82		0.00		5.25	0.00		0.00		5.25
HT II (B) : Public Infrastructure and Tourism	0	6.35	5700.00		0.00		0.00		0.00	0.00		0.00		0.00
Time of Day Tariffs (6 PM to 10 PM)	0	7.35			0.00		0.00		0.00	0.00		0.00		0.00
HT II (D) : Function Halls / Auditoriums / Start-up power	4	11.75			2.90		0.63		3.40	0.00		0.01		3.42
HT II (E): Electric Vehicles (Evs) / Charging stations	0	5.00			0.00		0.00		0.00	0.00		0.00		0.00
HT II (F) : Green Power	0	11.30			0.00		0.00		0.00	0.00		0.00		0.00
HT III (A): Industry	46	5.40	5700.00		886.81		621.48		478.88	354.24		0.16		833.28
Time of Day Tariffs Peak (6 AM to 10 AM & 6 PM to 10 PM)	0	6.40			807.83		0.00		517.01	0.00		0.00		517.01
Time of Day Tariffs Off Peak (10 PM to 6 AM)	0	4.40			862.91		0.00		379.68	0.00		0.00		379.68
Industrial Colonies	0	6.30			13.42		0.00		8.45	0.00		0.00		8.45
HT III (B): Seasonal Industries	0	6.70	5700.00		0.00		0.00		0.00	0.00		0.00		0.00
HT III (C): Energy Intensive Industries	1	4.95			77.36		18.00		38.30	0.00		0.00		38.30
HT IV (B): CPWS / PWS Scheme	0	4.85			0.00		0.00		0.00	0.00		0.00		0.00
HT IV (E): Religious Places	0	5.00	360.00		0.00		0.00		0.00	0.00		0.00		0.00
HT IV (F) : Railway Traction	32	3.75	4200.00		867.50		356.80		325.31	149.86		0.11		475.28
HT V (C) : Aquaculture and Animal Husbandry	0	3.85	360.00		0.00		0.00		0.00	0.00		0.00		0.00
HT V (D) : Poultry Hatcheries and Poultry Feed Mixing Plants	0	4.85	5700.00		0.00		0.00		0.00	0.00		0.00		0.00
HT V (F) : Government / Pvt. LIS	34	5.80			1514.32		1001.08		878.31	0.00		0.11		878.42
HT Temporary supply	0				0.00		0.00		0.00	0.00		0.00		0.00
RESCOs	0	0.40			0.00		0.00		0.00	0.00		0.00		0.00
									0.00	0.00				
									0.00	0.00				
TOTAL(LT + HT)	12026688				38793.83	0.00	17244.98	12236976.07	14452.19	2219.14	90.77	507.51	0.00	17269.61

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 at 132 kV	4.29	3162.87	0.00	0.00	0.00	0.00	129.48	3292.35
HT I (B): Townships & Residential Colonies	0.00	0.00					0.00	0.00
HT II (A) : Commercial	0.00	28.06					0.79	28.85
Time of Day Tariffs (6 PM to 10 PM)	0.00	5.25					0.17	5.42
HT II (B) : 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 II (D) : Function Halls / Auditoriums / Start-up power	0.00	3.42					0.07	3.49
HT II (E): Electric Vehicles (Evs) / Charging stations	0.00	0.00					0.00	0.00
HT II (F) : Green Power	0.00	0.00					0.00	0.00
HT III (A): Industry	4.29	828.99					22.65	851.64
Time of Day Tariffs Peak (6 AM to 10 AM & 6 PM to 10 PM)	0.00	517.01					20.63	537.64
Time of Day Tariffs Off Peak (10 PM to 6 AM)	0.00	379.68					22.04	401.72
Industrial Colonies	0.00	8.45					0.34	8.80
HT III (B): Seasonal Industries	0.00	0.00					0.00	0.00
HT III (C): Energy Intensive Industries	0.00	38.30					1.98	40.27
HT IV (B): CPWS / PWS Scheme	0.00	0.00					0.00	0.00
HT IV (E): Religious Places	0.00	0.00					0.00	0.00
HT IV (F) : Railway Traction	0.00	475.28					22.15	497.43
HT V (C) : Aquaculture and Animal Husbandry	0.00	0.00					0.00	0.00
HT V (D) : Poultry Hatcheries and Poultry Feed Mixing Plants	0.00	0.00					0.00	0.00
HT V (F) : Government / Pvt. LIS	0.00	878.42					38.67	917.09
HT Temporary supply	0.00	0.00					0.00	0.00
RESCOs	0.00	0.00					0.00	0.00
								0.00
								0.00
TOTAL(LT + HT)	12.91	17256.70	0.00	0.00	0.00	0.00	990.62	18247.33

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.)	<u>Form 1</u>	26386.23	28548.51			
Total Revenue		17264.88	18247.33	0.00	0.00	0.00
Revenue from Current Tariffs (Net of incentives) (Rs. Crs.)	<u>Form 5</u>	16321.43	17256.70			
Non - Tariff Income (Rs. Crs.)	<u>Form 6'</u>	943.45	990.62			
Revenue from Trading (Rs. Crs.)	<u>Form 1.4 b</u>	0.00	0.00			
Revenue Deficit (-) / Surplus(+) at Current Tariffs (Rs. Crs.)		-9121.36	-10301.18	0.00	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	2022-23	2023-24
A	Aggregate Revenue Requirement	Form 1	26386.23	28548.51	0.00	0.00	0.00
B	Revenue from Current Tariffs (Net of incentives) (Rs. Crs.)	Form 5	16321.43	17256.70	0.00	0.00	0.00
C	Non - Tariff Income (Rs. Crs.)	Form 6'	943.45	990.62	0.00	0.00	0.00
D	Revenue from Trading	Form 1.4 b	0.00	0.00	0.00	0.00	0.00
E	Revenue Deficit(-) / Surplus(+) at Current Tariff		-9121.36	-10301.18	0.00	0.00	0.00
F	Revenue changed through proposed tariff			843.07			
G	External subsidy available / contracted		5,777.68				
H	Any other means of adjustments						
i	Revenue from Cross Subsidy Surcharge		82.50	92.18			
j	Revenue from Additional Surcharge						
K	Revenue from REC						
	Net Deficit / Surplus		-3261.18	-9365.94	0.00	0.00	0.00

Revenue from Proposed Tariffs (Rs. Crs.)	Detail Links	2020-21						
		Retail Supply (Regulated Business)			Surcharges (Open Access)		Grid Support Charges	Total Revenue
		Gross Revenue	Incentives	Net Revenue	Surcharge	Additional surcharge		
LT Category		7935.01	0.00	13802.50	0.00	0.00	0.00	13802.50
Domestic	Form-10a	4155.07	0.00	4421.81				4421.81
Commerical & Others	Form-12	2035.29	0.00	177.89				177.89
Industry		827.03	0.00	489.03				489.03
Institutional		893.69	0.00	5.02				5.02
Agriculture & Related		5.02	0.00	56.28				56.28
Temporary		18.90	0.00	8652.47				8652.47
HT I (B): Gated community, Bungalow & Villa		17.56	0.00	17.56				17.56
HT Cat-II : Commercial		1115.74	0.00	1115.74				1115.74
A) General		1083.56	0.00	1083.56				1083.56
11 KV		818.48	0.00	818.48				818.48
Time of Day Tariff(ToD)- Peak (6PM to 10PM)		109.80	0.00	109.80				109.80
33 KV		119.93	0.00	119.93				119.93
Time of Day Tariff(ToD)- Peak (6PM to 10PM)		0.27	0.00	0.27				0.27
132 KV		35.08	0.00	35.08				35.08
Time of Day Tariff(ToD)- Peak (6PM to 10PM)		0.00	0.00	0.00				0.00
B) Occasional		32.19	0.00	32.19				32.19
11 KV		10.56	0.00	10.56				10.56
33 KV		18.07	0.00	18.07				18.07
132 KV		3.56	0.00	3.56				3.56
HT Cat-III : Industry		5712.81	0.00	5712.81				5712.81
A) Industrial General		5565.42	0.00	5565.42				5565.42
11 KV		744.28	0.00	744.28				744.28
Time of Day Tariff(ToD)- Peak (6AM to 10AM & 6PM to 10PM)		328.85	0.00	328.85				328.85
Time of Day Tariff(ToD)- Off Peak (10PM to 6AM)		228.28	0.00	228.28				228.28
33 KV		1259.61	0.00	1259.61				1259.61
Time of Day Tariff(ToD)- Peak (6AM to 10AM & 6PM to 10PM)		734.19	0.00	734.19				734.19
Time of Day Tariff(ToD)- Off Peak (10PM to 6AM)		530.45	0.00	530.45				530.45
132 KV		854.26	0.00	854.26				854.26
Time of Day Tariff(ToD)- Peak (6AM to 10AM & 6PM to 10PM)		517.01	0.00	517.01				517.01
132 KV		0.00	0.00	0.00	0.00	0.00	0.00	4021.48
C) Energy Intencive		143.96	0.00	143.96				143.96
11 KV		1.13	0.00	1.13				1.13
33 KV		104.52	0.00	104.52				104.52
132 KV		38.30	0.00	38.30				38.30
HT Cat-IV : Institutions		1015.70	0.00	1015.70				1015.70
A) Utilities		105.00	0.00	105.00				105.00
11 KV		49.57	0.00	49.57				49.57
33 KV		55.44	0.00	55.44				55.44
132 KV		0.00	0.00	0.00				0.00
B) General Purpose		190.97	0.00	190.97				190.97
11 KV		170.26	0.00	170.26				170.26
33 KV		20.72	0.00	20.72				20.72
132 KV		0.00	0.00	0.00				0.00
C) Railway Traction		713.84	0.00	713.84				713.84
D) Religious Places		5.88	0.00	5.88				5.88
HT Cat-V : Agriculture & Related		1406.18	0.00	1406.18				1406.18
A) Animal husbandry & Aqua		18.22	0.00	18.22				18.22
B) Hatcheries, Feed Mixing Plants & Flori culture		184.56	0.00	184.56				184.56
B) Lift Irrigation Schemes		1203.40	0.00	1203.40				1203.40
RESCOs		179.30	0.00	179.30				179.30
Temporary supply		0.01	0.00	0.01				0.01
		0.00	0.00	0.00				0.00
TOTAL (LT + HT)		18099.77	0.00	18099.77				18099.77

Form 10 a
Incentives at current Tariffs
2020-21

Consumer Category	Data Link	Total		Remarks
		No. of consumers	Incentive Amount	
LT Category	Form-7	0	0.00	
Domestic				
Commerical & Others				
Industry				
Institutional				
Agriculture & Related				
Temporary				
HT I (B): Gated community, Bungalow & Villa		0	0.00	
HT Cat-II : Commercial				
A) General				
11 KV				
Time of Day Tariff(ToD)- Peak (6PM to 10PM)				
33 KV				
Time of Day Tariff(ToD)- Peak (6PM to 10PM)				
132 KV				
Time of Day Tariff(ToD)- Peak (6PM to 10PM)				
B) Occassional				
11 KV				
33 KV				
132 KV				
HT Cat-III : Industry				
A) Industrial General				
11 KV				
Time of Day Tariff(ToD)- Peak (6AM to 10AM & 6PM to 10PM)				
Time of Day Tariff(ToD)- Off Peak (10PM to 6AM)				
33 KV				
Time of Day Tariff(ToD)- Peak (6AM to 10AM & 6PM to 10PM)				
Time of Day Tariff(ToD)- Off Peak (10PM to 6AM)				
132 KV				
Time of Day Tariff(ToD)- Peak (6AM to 10AM & 6PM to 10PM)				
Time of Day Tariff(ToD)- Off Peak (10PM to 6AM)				
C) Energy Intencive		0	0.00	
11 KV				
33 KV				
132 KV				
HT Cat-IV : Institutions				
A) Utilities				
11 KV				
33 KV				
132 KV				
B) General Purpose				
11 KV				
33 KV				
132 KV				
C) Railway Traction				
D) Religious Places				
HT Cat-V : Agriculture & Related				
A) Animal husbandry & Aqua				
B) Hatcheries, Feed Mixing Plants & Flori culture				
B) Lift Irrigation Schemes				
RESCOs				
Temporary supply				
TOTAL(LT + HT)				

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	101.43	106.51	0.00	0.00	0.00
Cap S/c		82.86	87.01	91.36	0.00	0.00	0.00
Gain/loss (Billing)		-0.11	-0.11	-0.12	0.00	0.00	0.00
HT EPSS		0.00	0.00	0.00	0.00	0.00	0.00
IED		6.12	6.43	6.75	0.00	0.00	0.00
Int on Bank Deposits		0.67	0.70	0.74	0.00	0.00	0.00
LPF		2.94	3.09	3.24	0.00	0.00	0.00
LVSe		8.67	9.10	9.56	0.00	0.00	0.00
Malpractice		6.40	6.72	7.06	0.00	0.00	0.00
Prior Period HT		-27.99	-29.39	-30.86	0.00	0.00	0.00
Prior Period LT		-8.70	-9.14	-9.60	0.00	0.00	0.00
Reactive Income		1.14	1.20	1.26	0.00	0.00	0.00
Receipt of Direct Ta		2.57	2.70	2.84	0.00	0.00	0.00
Recoveries for TP		0.00	0.00	0.00	0.00	0.00	0.00
Theft		16.59	17.42	18.29	0.00	0.00	0.00
Reconnection fee		56.29	59.10	62.06	0.00	0.00	0.00
Delayed payment surcharge		654.46	687.18	721.54	0.00	0.00	0.00
Total Non tariff income		898.52	943.45	990.62	0.00	0.00	0.00

Proposed Tariffs & Revenue for FY 2020-21

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/kVAYr)	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)	12018617				26444.58	0.00	12178.76	12204976.07	7664.86	401.24	90.77	495.60	0.00	8652.47
Category - Domestic (All)	9229775				10445.84	0.00	9754.22	0.00	3697.22	0.00	72.41	385.44	0.00	4155.07
A) <= 75 Units per month	5045903				2026.60	0.00	3541.13	0.00	320.12	0.00	57.68	160.39	0.00	538.19
0-50	3543589	1.45			1798.25		2434.82		260.75	0.00	57.68	106.31		424.73
51 - 75	1502314	2.60			228.35		1106.31		59.37	0.00		54.08		113.45
B) > 75 - 225 Units per month	3631789				5341.42	0.00	4270.85	0.00	1526.65	0.00	8.47	189.99	0.00	1725.11
0-50	0	2.60			2116.15		0.00		550.20	0.00	8.47	0.00		558.67
51-100	1219254	2.60			1945.58		1090.25		505.85	0.00		58.52		564.37
101-200	2213664	3.60			1249.66		2811.17		449.88	0.00		119.54		569.42
201-225	198871	6.90			30.03		369.43		20.72	0.00		11.93		32.65
C) > 225 Units per month	552083				3077.82	0.00	1942.25	0.00	1850.46	0.00	6.27	35.05	0.00	1891.77
0-50	0	2.65			407.44		0.00		107.97	0.00	6.27	0.00		114.24
51-100	0	3.35			407.44		0.00		136.49	0.00		0.00		136.49
101-200	0	5.40			814.89		0.00		440.04	0.00		0.00		440.04
201-300	231276	7.10			658.39		727.82		467.46	0.00		13.88		481.33
301-400	133089	7.95			317.06		517.00		252.06	0.00		8.78		260.85
401-500	87342	8.50			164.17		277.55		139.54	0.00		5.76		145.31
Above 500	100376	9.95			308.43		419.58		306.89	0.00		6.62		313.51
Category II - Non-domestic/Commr1	862528				2003.39	0.00	1921.12	0.00	1824.75	156.72	16.83	36.99	0.00	2035.29
A) <= 50 Units	494903				104.46	0.00	739.49	0.00	56.41	48.81	16.83	17.82	0.00	139.86
0-50	494903	5.40	660.00		104.46	0.00	739.49	0.00	56.41	48.81	16.83	17.82	0.00	139.86
B) > 50 Units	363424				1864.16	0.00	1129.41	0.00	1725.74	101.65	0.00	18.67	0.00	1846.06
0-50	0	6.90	900.00		257.81	0.00	177.89	0.00	177.89	0.00		0.00		177.89
51-100	159525	7.65	900.00		200.70	0.00	238.93	0.00	153.53	21.50		7.66		182.70
101-300	116748	9.05	900.00		188.45	0.00	126.99	0.00	170.55	11.43		6.30		188.28
301-500	34085	9.60	900.00		212.46	0.00	150.30	0.00	203.97	13.53		1.84		219.33
above 500	53066	10.15	900.00		1004.74	0.00	613.19	0.00	1019.81	55.19		2.87		1077.86
LT II (C): Advertisement Hoardings, Function Halls, Startup, Electric Vehicle Charging Stations, Railway Stations & Bus stands	4201	12.25	1200.00		34.78	0.00	52.22	0.00	42.60	6.27		0.50		49.37
Category III - Industrial	59712				1073.35	0.00	0.00	1356462.12	704.66	117.86	0.00	4.51	0.00	827.03
A: Industry (General)	45075	6.70	900.00	900.00	1024.16	0.00	0.00	1297876.54	686.19	116.81	0.00	3.41		806.41
B: Seasonal Industries (Off Season)	40	7.45	900.00	900.00	0.06	0.00	0.00	0.00	0.05	0.00		0.00		0.05
C: Cottage Industries (upto 10 HP)	14597	3.75	240.00	240.00	49.12	0.00	0.00	58585.57	18.42	1.05		1.10		20.57
LT IV: Institutional	244613				1176.53	0.00	496.94	333801.08	819.36	62.52	1.53	10.27	0.00	893.69
A) Utilities - (i) Panchayats	99025	7.00	900.00	900.00	655.47	0.00	83.42	289329.98	458.83	26.04		4.16		489.03
(ii) Urban local bodies	23201	7.00	900.00	900.00	172.87	0.00	40.32	44471.10	121.01	4.00		0.97		125.99
B) General (Govt. Offices & Institutions & Hospitals)	109296	7.00	900.00	900.00	328.20	0.00	352.72	0.00	229.74	31.74	1.53	4.59		267.60
C) Religious Place	13081				19.99	0.00	20.48	0.00	9.78	0.74	0.00	0.55	0.00	11.07
(i) Religious Places (CL > 2kW)	992	5.00	360.00	360.00	9.40	0.00	7.80	0.00	4.70	0.28	0.00	0.04		5.02
(ii) Religious Places (CL <= 2kW)	12099	4.80	360.00	360.00	10.59	0.00	12.68	0.00	5.08	0.46	0.00	0.51		6.05
LT V: Agriculture	1621976				11744.73	0.00	6.48	10514712.87	618.10	64.13	0.00	58.39	0.00	740.62
LT V (A): Corporate Farmers & IT Assessors / Salt farming units upto 15HP	17949	0.00		2400.00	6.60	0.00	6.48	92509.99	0.00	22.20		0.65		22.85
LT V (B): Non- Corporate Farmers /Sugar Cane crushing & Rural Horticulture Nurseries	1563412	0.00			10139.27	0.00	0.00	9278388.53	0.00	0.00		56.28		56.28
LT-V (C)-Aqua Culture & Animal Husbandary	39617	3.85	360.00	360.00	1559.07	0.00	0.00	1128802.38	600.24	40.64		1.43		642.31
LT-V (D) - Poultry Hatcheries & Poultry Feed mixing plants, Aqua Hatcheries & Aqua Feed mixing plants / Floriculture in Green House	793	4.50	900.00	900.00	39.10	0.00	0.00	14165.84	17.60	1.27		0.03		18.90
LT - V (E) - Agro based (upto 10HP)	205	3.75	240.00	240.00	0.69	0.00	0.00	846.13	0.26	0.02		0.01		0.29
Temp. Supply (for all units)	13	10.50	360.00	360.00	0.73	0.00	0.00	0.00	0.76	0.00		0.00		0.77
TOTAL (LT including new categories)	12018617				26444.58	0.00	12178.76	12204976.07	7664.86	401.24	90.77	495.60	0.00	8652.47

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)
HIGH TENSION	8071				12349.26	0.00	4823.80	0.00	7551.62	1878.96	0.00	16.72	0.00	9447.30
HT I (B): Gated community, Bungalow & Villa	47	7.00	900.00		23.67	0.00	11.02	0.00	16.57	0.99		0.00		17.56
HT Cat-II - Commercial	3100				1051.80	0.00	532.93	0.00	826.35	283.86	0.00	5.52	0.00	1115.74
A) General	2878				1025.98	0.00	498.01	0.00	794.72	283.86	0.00	4.97	0.00	1083.56
11 KV	2810	7.65	5700.00		744.96	0.00	427.79	0.00	569.90	243.84		4.74		818.48
Time of Day Tariff(ToD)- Peak (6PM to 10PM)	0	8.65			126.94				109.80	0.00		0.00		109.80
33 KV	67	7.50	5700.00		116.12	0.00	57.22	0.00	87.09	32.61		0.23		119.93
Time of Day Tariff(ToD)- Peak (6PM to 10PM)	0	8.50			0.32				0.27	0.00		0.00		0.27
132 KV	1	7.35	5700.00		37.64	0.00	13.00	0.00	27.66	7.41		0.00		35.08
Time of Day Tariff(ToD)- Peak (6PM to 10PM)	0	8.35			0.00				0.00	0.00		0.00		0.00
B) Occasional	222				25.82	0.00	34.93	0.00	31.63	0.00	0.00	0.55	0.00	32.19
11 KV	116	12.25			8.46	0.00	20.38	0.00	10.36	0.00		0.20		10.56
33 KV	102	12.25			14.47	0.00	13.92	0.00	17.72	0.00		0.34		18.07
132 KV	4	12.25			2.90	0.00	0.63	0.00	3.55	0.00		0.01		3.56
HT Cat-III : Industry	3670				7633.38	0.00	2358.54	0.00	4392.94	1312.90	0.00	6.96	0.00	5712.81
A) Industrial General	3629				7354.28	0.00	2303.33	0.00	4245.65	1312.90	0.00	6.88	0.00	5565.42
11 KV	3182	6.30	5700.00		502.45	0.00	741.00	0.00	316.54	422.37		5.37		744.28
Time of Day Tariff(ToD)- Peak (6AM to 10AM & 6PM to 10PM)		7.30			450.48				328.85	0.00		0.00		328.85
Time of Day Tariff(ToD)- Off Peak (10PM to 6AM)		5.30			430.71				228.28	0.00		0.00		228.28
33 KV	401	5.85	5700.00		1234.14	0.00	940.85	0.00	721.97	536.28		1.35		1259.61
Time of Day Tariff(ToD)- Peak (6AM to 10AM & 6PM to 10PM)		6.85			1071.82				734.19	0.00		0.00		734.19
Time of Day Tariff(ToD)- Off Peak (10PM to 6AM)		4.85			1093.70				530.45	0.00		0.00		530.45
132 KV	46	5.40	5700.00		925.66	0.00	621.48	0.00	499.86	354.24		0.16		854.26
Time of Day Tariff(ToD)- Peak (6AM to 10AM & 6PM to 10PM)		6.40			807.83				517.01	0.00		0.00		517.01
Time of Day Tariff(ToD)- Off Peak (10PM to 6AM)		4.40			837.48				368.49	0.00		0.00		368.49
Industrial Colonies	0	7.00			25.43	0.00	0.00	0.00	17.80	0.00		0.00		17.80
B) Industrial Seasonal	29				4.47	0.00	0.00	0.00	3.37	0.00	0.00	0.05	0.00	3.42
11 KV	28	7.65	5700.00		3.80	0.00	0.00	0.00	2.91	0.00		0.05		2.96
33 KV	1	6.95	5700.00		0.67	0.00	0.00	0.00	0.46	0.00		0.00		0.47
132 KV	0	6.70	5700.00		0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00
C) Energy Intensive	12				274.63	0.00	55.21	0.00	143.92	0.00	0.00	0.04	0.00	143.96
11 KV	3	5.80			1.95	0.00	0.74	0.00	1.13	0.00		0.01		1.13
33 KV	8	5.35			195.32	0.00	36.47	0.00	104.50	0.00		0.03		104.52
132 KV	1	4.95			77.36	0.00	18.00	0.00	38.30	0.00		0.00		38.30
HT Cat-IV : Institutions	472				1171.21	0.00	513.32	0.00	796.49	217.62	0.00	1.59	0.00	1015.70
A) Utilities (CPWS / PWS)	126				107.27	0.00	41.24	0.00	81.07	23.51	0.00	0.43	0.00	105.00
11 KV	106	7.95	5700.00	5700.00	47.20	0.00	20.49	0.00	37.53	11.68		0.36		49.57
33 KV	20	7.25	5700.00	5700.00	60.06	0.00	20.74	0.00	43.55	11.82		0.07		55.44
132 KV	0	7.00	5700.00	5700.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00
B) General Purpose	296				185.64	0.00	76.91	0.00	146.14	43.84	0.00	1.00	0.00	190.97
11 KV	273	7.95	5700.00	5700.00	164.97		67.00		131.15	38.19		0.92		170.26
33 KV	23	7.25	5700.00	5700.00	20.67		9.91		14.99	5.65		0.08		20.72
132 KV		7.00	5700.00	5700.00					0.00	0.00		0.00		0.00
D) Railway Traction	32	6.50	4200.00		867.50	0.00	356.80	0.00	563.88	149.86		0.11		713.84
C) Religious Places	18	5.00	360.00		10.80	0.00	38.37	0.00	5.40	0.42		0.06		5.88
HT Cat-V : Agriculture & Related	778				1955.83	0.00	1407.57	0.00	1339.98	63.58	0.00	2.63	0.00	1406.18
A) Animal husbandry & Aqua	76	3.85	360.00		44.16	0.00	26.72	0.00	17.00	0.96		0.26		18.22
B) Hatcheries, Feed Mixing Plants & Flori culture	219	5.25	5700.00		230.86	0.00	109.85	0.00	121.20	62.62		0.74		184.56
B) Lift Irrigation Schemes	483	7.15			1680.80	0.00	1271.00	0.00	1201.77	0.00		1.63		1203.40
RESCOs	1	3.50			512.27	0.00	179.29	0.00	179.29	0.00		0.00		179.30
Temporary supply	3				1.10	0.00	0.42	0.00	0.00	0.00		0.01		0.01
TOTAL (LT + HT)	12026688				38793.83	0.00	17002.56	12204976.07	15216.48	2280.19	90.77	512.32	0.00	18099.77

Proposed Tariffs & Revenue for FY 2020-21

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	8652.47	0.00	0.00	0.00	0.00	675.28	9327.75
Category - Domestic (All)	0.00	4155.07	0.00	0.00	0.00	0.00	266.74	4421.81
A) <= 75 Units per month	0.00	538.19	0.00	0.00	0.00	0.00	51.75	589.94
0-50		424.73					45.92	470.65
51 - 75		113.45					5.83	119.29
B) > 75 - 225 Units per month	0.00	1725.11	0.00	0.00	0.00	0.00	136.40	1861.51
0-50		558.67					54.04	612.70
51-100		564.37					49.68	614.06
101-200		569.42					31.91	601.33
201-225		32.65					0.77	33.42
C) > 225 Units per month	0.00	1891.77	0.00	0.00	0.00	0.00	78.59	1970.37
0-50		114.24					10.40	124.64
51-100		136.49					10.40	146.90
101-200		440.04					20.81	460.85
201-300		481.33					16.81	498.15
301-400		260.85					8.10	268.94
401-500		145.31					4.19	149.50
Above 500		313.51					7.88	321.39
Category II - Non-domestic/Commr	0.00	2035.29	0.00	0.00	0.00	0.00	51.16	2086.45
A) <= 0.50 Units	0.00	139.86	0.00	0.00	0.00	0.00	2.67	142.53
0-50		139.86					2.67	142.53
B) > 50 Units	0.00	1846.06	0.00	0.00	0.00	0.00	47.60	1893.66
0-50		177.89					6.58	184.47
51-100		182.70					5.12	187.82
101-300		188.28					4.81	193.09
301-500		219.33					5.43	224.76
above 500		1077.86					25.66	1103.52
LT II (C): Advertisement Hoardings, Function Halls, Startup, Electric Vehicle Charging Stations, Railway Stations & Bus stands		49.37					0.89	50.26
Category III - Industrial	0.00	827.03	0.00	0.00	0.00	0.00	27.41	854.44
A: Industry (General)		806.41					26.15	832.56
B: Seasonal Industries (Off Season)		0.05					0.00	0.05
C: Cottage Industries (upto 10 HP)		20.57					1.25	21.83
LT IV: Institutional	0.00	893.69	0.00	0.00	0.00	0.00	30.04	923.73
A) Utilites - (i) Panchayats		489.03					16.74	505.77
(ii) Urban locan bodies		125.99					4.41	130.40
B) General (Govt. Offices & Institutions & Hospitals)		267.60					8.38	275.99
C) Religious Place	0.00	11.07	0.00	0.00	0.00	0.00	0.51	11.58
(i) Religious Places (CL > 2kW)		5.02					0.24	5.26
(ii) Religious Places (CL <= 2kW)		6.05					0.27	6.32
LT V: Agriculture	0.00	740.62	0.00	0.00	0.00	0.00	299.91	1040.53
LT V (A): Corporate Farmers & IT Assesses / Salt farming units upto 15HP		22.85					0.17	23.02
LT V (B):Non- Corporate Farmers /Sugar Cane crushing & Rural Horticulture Nurseries		56.28					258.91	315.20
LT - V (C) -Aqua Culture & Animal Husbandary		642.31					39.81	682.12
LT - V (D) - Poultry Hactcheries & Poultry Feed mixing plants, Aqua Hatcheries & Aqua Feed mixing plants / Floriculture in Green House		18.90					1.00	19.90
LT - V (E) - Agro based (upto 10HP)		0.29					0.02	0.30
Temp. Supply (for all units)		0.77					0.02	0.78
TOTAL (LT including new categories)	0.00	8652.47	0.00	0.00	0.00	0.00	675.28	9327.75

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	
HIGH TENSION	0.00	9447.30	0.00	0.00	0.00	0.00	315.35	9762.64
HT I (B): Gated community, Bungalow & Villa		17.56					0.60	18.17
HT Cat-II : Commercial	0.00	1115.74	0.00	0.00	0.00	0.00	26.86	1142.60
A) General	0.00	1083.56	0.00	0.00	0.00	0.00	26.20	1109.76
11 KV		818.48					19.02	837.50
Time of Day Tariff(ToD)- Peak (6PM to 10PM)		109.80					3.24	113.04
33 KV		119.93					2.97	122.90
Time of Day Tariff(ToD)- Peak (6PM to 10PM)		0.27					0.01	0.28
132 KV		35.08					0.96	36.04
Time of Day Tariff(ToD)- Peak (6PM to 10PM)		0.00					0.00	0.00
B) Occasional	0.00	32.19	0.00	0.00	0.00	0.00	0.66	32.85
11 KV		10.56					0.22	10.77
33 KV		18.07					0.37	18.44
132 KV		3.56					0.07	3.64
HT Cat-III : Industry	0.00	5712.81	0.00	0.00	0.00	0.00	194.92	5907.73
A) Industrial General	0.00	5565.42	0.00	0.00	0.00	0.00	187.80	5753.22
11 KV		744.28					12.83	757.11
Time of Day Tariff(ToD)- Peak (6AM to 10AM & 6PM to 10PM)		328.85					11.50	340.35
Time of Day Tariff(ToD)- Off Peak (10PM to 6AM)		228.28					11.00	239.28
33 KV		1259.61					31.51	1291.13
Time of Day Tariff(ToD)- Peak (6AM to 10AM & 6PM to 10PM)		734.19					27.37	761.56
Time of Day Tariff(ToD)- Off Peak (10PM to 6AM)		530.45					27.93	558.37
132 KV		854.26					23.64	877.89
Time of Day Tariff(ToD)- Peak (6AM to 10AM & 6PM to 10PM)		517.01					20.63	537.64
Time of Day Tariff(ToD)- Off Peak (10PM to 6AM)		368.49					21.39	389.88
Industrial Colonies		17.80					0.65	18.45
B) Industrial Seasonal	0.00	3.42	0.00	0.00	0.00	0.00	0.11	3.54
11 KV		2.96					0.10	3.05
33 KV		0.47					0.02	0.49
132 KV		0.00					0.00	0.00
C) Energy intensive	0.00	143.96	0.00	0.00	0.00	0.00	7.91	150.97
11 KV		1.13					0.05	1.18
33 KV		104.52					4.99	109.51
132 KV		38.30					1.98	40.27
HT Cat-IV : Institutions	0.00	1015.70	0.00	0.00	0.00	0.00	29.91	1045.61
A) Utilities (CPWS / PWS)	0.00	105.00	0.00	0.00	0.00	0.00	2.74	107.74
11 KV		49.57					1.21	50.77
33 KV		55.44					1.53	56.97
132 KV		0.00					0.00	0.00
B) General Purpose	0.00	190.97	0.00	0.00	0.00	0.00	4.74	195.71
11 KV		170.26					4.21	174.47
33 KV		20.72					0.53	21.24
132 KV		0.00					0.00	0.00
D) Railway Traction		713.84					22.15	735.99
C) Religious Places		5.88					0.28	6.16
HT Cat-V : Agriculture & Related	0.00	1406.18	0.00	0.00	0.00	0.00	49.94	1456.13
A) Animal husbandry & Aqua		18.22					1.13	19.35
B) Hatcheries, Feed Mixing Plants & Flori culture		184.56					5.90	190.45
B) Lift Irrigation Schemes		1203.40					42.92	1246.32
RESCOs		179.30					13.08	192.38
Temporary supply		0.01					0.03	0.03
TOTAL(LT + HT)	0.00	18099.77	0.00	0.00	0.00	0.00	990.62	19090.39

Form 13
2020-21

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		19960.18	8497.03	-11463.15	0.00	-11463.15	
HT Category at 11 KV		2305.98	2619.48	313.50	0.00	313.50	
HT Category at 33 KV		2855.03	2977.33	122.30	0.00	122.30	
HT Category at 132 KV		3427.33	3162.87	-264.46	0.00	-264.46	
Total		28548.51	17256.70	-11291.81	0.00	-11291.81	