

No. of cases filed in respect of pilferage of power by DPE wing							
S.No	Circle	Amounts Assessed in Rs. Lakhs					
		2019-20			2020-21 (upto 09/20)		
		No. of services inspected	No. of pilferage cases booked	Amount realised in Rs. Lakhs	No. of services inspected	No. of pilferage cases booked	Amount realised in Rs. Lakhs
1	Srikakulam	13300	5	1.20	3060	0	0.00
2	Vizianagaram	14300	81	12.92	4854	15	1.29
3	Visakhapatnam	15831	82	28.87	5749	10	0.37
4	Rajamahendravaram	15684	122	30.55	4969	8	3.38
5	Eluru	10931	68	35.43	4005	29	12.92
6	HT-DPE	1762	0	1.08	924	0	0.00
TOTAL		71808	358	110.06	23561	62	17.97

Amounts realized through intensive inspections by field staff							
Sl.No.	Circle	2019-20			2020-21 (upto 09/20)		
		No. of services inspected	No. of cases booked	Amount realised in Rs. Lakhs	No. of services inspected	No. of cases booked	Amount realised in Rs. Lakhs
1	Srikakulam	110215	237	1.25	2651	88	0.85
2	Vizianagaram	448797	23929	382.28	16882	951	16.58
3	Visakhapatnam	208996	52720	1800.61	5024	729	13.88
4	Rajamahendravaram	149018	41293	1153.31	34976	1479	61.39
5	Eluru	114131	103567	3162.74	36615	12936	385.45
TOTAL		1031157	221746	6500.20	96148	16183	478.14

No. of cases filed in respect of Theft of energy by DPE wing							
S.No	Circle	Amounts Assessed in Rs. Lakhs					
		2019-20			2020-21 (upto 09/20)		
		No. of services inspected	No. of pilferage cases booked	Amount realised in Rs. Lakhs	No. of services inspected	No. of pilferage cases booked	Amount realised in Rs. Lakhs
1	Srikakulam	13300	804	3.91	3060	279	2.35
2	Vizianagaram	14300	554	20.24	4854	146	2.03
3	Visakhapatnam	15831	852	44.29	5749	199	2.14
4	Rajamahendravaram	15684	1300	60.13	4969	91	6.06
5	Eluru	10931	1571	60.95	4005	269	16.83
6	HT-DPE	1762	1	1.08	924	0	0.00
TOTAL		71808	5082	190.60	23561	984	29.40

No. of cases filed in respect of Theft of energy by field staff							
S.No	Circle	Amounts Assessed in Rs. Lakhs					
		2019-20			2020-21 (upto 09/20)		
		No. of services inspected	No. of pilferage cases booked	Amount realised in Rs. Lakhs	No. of services inspected	No. of pilferage cases booked	Amount realised in Rs. Lakhs
1	Srikakulam	440862	948	4.61	10603	345	2.98
2	Vizianagaram	448797	26	3.74	16882	3	0.23
3	Visakhapatnam	208996	501	16.43	5024	129	1.47
4	Rajamahendravaram	149018	560	28.47	34976	25	2.13
5	Eluru	114131	450	104.44	36615	24	20.59
TOTAL		1361804	2485	157.69	104100	526	27.39

LT Court cases involving the Licensee as on 30-09-2020			
S. No.	Name of the Circle	No. of Cases	Amount involved in Rs. Lakhs.
1	Srikakulam	24	214.70
2	Vizianagaram	8	23.34
3	Visakhapatnam	10	46.67
4	Rajamahendravaram	23	67.60
5	Eluru	21	86.60
APEPDCL		86	438.89

HT Court cases involving the Licensee as on 30-09-2020			
S. No.	Name of the Circle	No. of Cases	Amount involved in Rs. Lakhs.
1	Srikakulam	33	1492.45
2	Vizianagaram	32	3761.27
3	Visakhapatnam	57	21426.93
4	Rajamahendravaram	99	5562.29
5	Eluru	78	18881.75
APEPDCL		299	51124.68

SCHEME WISE DETAILS CAPITAL EXPENDITURE FOR FY2019-20 & 2020-21

(Rs.in Crores)

Sl. No.	Name of the scheme	EXPENDITURE 2019-20	EXPENDITURE 2020-21 (Up to Sept-20)
I	Release of Services		
1	Normal Plan (Other than AGL services)	262.16	95.84
II	R- APDRP Schemes		
1	Part-A: IT Works	0.00	0.000
2	Part-A: SCADA IT Components	-0.02	0.249
3	Part-B: SCADA Ele. Components	0.00	0.000
4	Part-B: Distribution Stenthg. Works	0.00	0.000
III	System Improvement Works		
1	SI - Conductors & Lines	9.60	4.39
2	SI - VCBs	5.48	1.771
3	SI - Meters	33.71	8.93
4	SI - PTRs	10.38	0.361
5	SI - DTRs	30.12	11.329
IV	HVDS Schemes		
1	HVDS (Ph-3) for RJY Circle	0.00	0.000
2	HVDS (Ph-3) New for SKL, VZM & VSP	0.00	0.000
3	HVDS (Ph-4) for RJY Circle	0.00	0.000
4	HVDS (Ph-5) for ELR Circle	1.74	-0.074
5	HVDS (Ph-6) for ELR Circle World Bank	20.44	9.596
V	Central Schemes		
1	DDUGJY	6.07	-2.666
2	DDUGJY/ Non RE Component	1.649	0.000
3	DDUGJY/ RE Component	10.69	-0.502
4	DDG Projects	0.57	0.801
5	IPDS	17.62	-1.334
6	IPDS-GIS	17.62	0.000
6	IPDS IT		
a	IT enablement of 8nos. Non-RAPDRP Towns	0.00	0.000
b	Up-gradation of MBC Software Solutions	0.00	0.000
c	IPDS ERP Project	0.00	0.000
d	RT-DAS Project	0.000	0.000
7	9Hrs AGL Supply	0.00	29.491
VI	Other Schemes		
1	New 33/11 KV SS (T&D SS)	-0.08	0.285
2	33 KV Interlinking Lines	2.35	0.000
3	24 Hrs. supply to SS Head Qtrs.	0.00	0.000
4	Capacitor Banks to AGL Feeders	0.00	0.000
5	LED lights to Substation	0.00	0.000
6	SCSP - SC Colonies	0.78	0.297
7	TSP - Tribal Habitations	1.38	0.000
8	Release of Agricultural Services	103.44	43.38
9	ST Bore-Wells	1.28	0.575
10	SC Bore-Wells	0.42	0.15
11	PMI (Capital)	0.00	0.00
12	EV Charging stations	0.000	0.000
VII	World Bank Schemes		
1	UG Cable	0.00	0.000
2	World Bank (PFA Scheme)	98.78	
a	33 KV Inter Linking Lines	0.00	10.648
b	33/11 kv Indoor SS	0.00	0.000
c	HVDS	0.00	5.378
d	Sub station Head qtrs	0.00	0.000
e	3-Ph Supply to LWE Villages	0.00	0.092
f	SCADA Works	0.00	0.000
g	Intermediate SPUN Poles	0.00	0.00
h	Grid Connections to DDG Plants	0.00	0.000
i	33/11KV Out Door Sub-Stations	0.00	3.391
j	Enhancement & Additional PTRs	0.00	0.00
k	33KV VCBs	0.00	0.00
l	Capacitor Bank	0.00	0.00
m	Smart Meters	0.00	0.00
VIII	T&D Works		
1	T&D Other Works	76.08	33.36
2	T&D Civil Works	16.14	2.96
3	T&D Works (Circle Office)	1.26	0.000
4	MRT Divisions	7.82	2.612
5	T&D Civil Works (Corp. Office)	0.00	0.404
6	T&D IT Works including field offices	0.93	0.027
7	EV Charging stations	0.000	0.000
	TOTAL CAPEX SCHEMES	720.79	261.74
1	Solar Pump sets	60.58	4.80
2	BLDC Pumpsets	0.00	0.00
3	Distribution of 2 More LED bulbs SCs Under SCSP Plan	0.00	0.00
4	Distribution of 2 More LED bulbs SCs Under TSP Plan	1.36	0.00
5	DELP Scheme- Dist. of LED bulbs	0.00	0.00
6	AGDSM scheme	0.00	0.00
7	EEPS	7.81	0.00
	ENERGY EFFICIENT SCHEME	69.75	4.80
	GRAND TOTAL	790.55	266.54

Details of Arrears of consumers over Rs. 50000 pending for over 6 months AS ON 30.09.20 (LT)

Sl No	Particulars	SKLM		VZM		VSP		RJY		ELR		TOTAL	
		SCs	Amount (Rs.in lakhs)	SCs	Amount (Rs.in lakhs)	SCs	Amount (Rs.in lakhs)	SCs	Amount (Rs.in lakhs)	SCs	Amount (Rs.in lakhs)	SCs	Amount (Rs.in lakhs)
1	Court Cases/Disputed BIFR	24	214.70	8	23.34	10	46.67	23	67.60	21	86.60	86	438.89
2	Govt./ Local bodies	5244	9106.59	2498	4355.24	4560	12157.81	2163	11967.29	1310	9981.81	15775	47558.74
3	UDC Services	3	5.24	12	17.17	5	5.66	30	41.57	19	31.28	69	100.91
4	Dismantled / Bill Stopped	52	56.07	42	48.86	73	91.76	109	123.82	74	159.83	350	480.34
5	Instalments/Others	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
	TOTAL	5323	9382.59	2560	4444.60	4648	12301.89	2325	12190.28	1424	10259.52	16280	48578.88

Details of Arrears of consumers over Rs. 50000 pending for over 6 months AS ON 30.09.20 (HT)

Sl No	Particulars	SKLM		VZM		VSP		RJY		ELR		TOTAL	
		SCs	Amount (Rs.in lakhs)	SCs	Amount (Rs.in lakhs)	SCs	Amount (Rs.in lakhs)	SCs	Amount (Rs.in lakhs)	SCs	Amount (Rs.in lakhs)	SCs	Amount (Rs.in lakhs)
1	Court Cases/ Disputed /BIFR	33	1492.45	32	3761.27	57	21426.93	99	5562.29	78	18881.75	299	51124.68
2	Govt./ Local bodies	56	1579.80	28	1510.88	17	811.74	103	7781.38	51	53125.46	255	64809.26
3	UDC Services	2	11.56	1	3.06	1	11.91	1	3.65	2	31.77	7	61.95
4	Dismantled / Bill Stopped	21	228.34	15	6067.49	33	1186.55	33	707.95	17	381.90	119	8572.24
5	Instalments/Others	0	0.00	3	2640.00	10	6136.71	0	0.00	3	226.44	16	9003.15
	TOTAL	112	3312.15	79	13982.70	118	29573.83	236	14055.27	151	72647.33	696	133571.28

CIRCLE WISE SAIDI FOR THE FY 2019-20:

CIRCLE	APR'19	MAY'19	JUN'19	JUL'19	AUG'19	SEP'19	OCT'19	NOV'19	DEC'19	JAN'20	FEB'20	MAR'20	Average 2019-20
SRIKAKULAM	8.7	22.39	12.74	14.13	14.42	13.95	9.65	3.84	4.15	3.8	7.22	7.22	10.18
VIZIANAGARAM	13.34	17.2	16.3	15.39	16.59	14.98	11.38	3.07	2.44	2.49	7.86	7.69	10.73
VISAKHAPATNAM	6.52	5.42	5.97	3.36	4.02	3.53	3.12	0.97	0.75	0.97	2.26	2.3	3.27
RAJAHMUNDRY	13.07	11.25	17.52	12.79	11.26	10.69	9.2	4.14	3.34	4.06	8.86	4.16	9.20
ELURU	10.11	11.84	16.23	14.08	16.45	11.05	8.96	4.04	3.68	4.07	10.74	5.22	9.71
APEPDCL	10.29	12.23	13.74	11.36	11.79	10.02	8.03	3.22	2.82	3.13	7.42	4.78	8.24

CIRCLE WISE SAIDI FOR 2020-21:

CIRCLE	APR'20	MAY'20	JUN'20	JUL'20	AUG'20	SEP'20	Average 2020-21
SRIKAKULAM	8.93	6.25	8.71	5.65	5.58	5.65	6.80
VIZIANAGARAM	8.84	7.25	13.68	5.78	4.69	6.38	7.77
VISAKHAPATNAM	3.16	3.02	4.65	2.68	2.9	2.9	3.22
RAJAHMUNDRY	10.58	8.97	10.17	7.32	6.99	7.02	8.51
ELURU	10.65	10.37	12.85	13.19	9.19	9.68	10.99
APEPDCL	8.45	7.35	9.7	7.2	6.1	6.41	7.54

CIRCLE WISE SAIFI FOR FY 2019-20:

CIRCLE	APR'19	MAY'19	JUN'19	JUL'19	AUG'19	SEP'19	OCT'19	NOV'19	DEC'19	JAN'20	FEB'20	MAR'20	Average 2019-20
SRIKAKULAM	16	28	21	24	24	21	17	8	7	7	9	12	16
VIZIANAGARAM	19	22	23	24	26	23	20	8	5	6	9	13	17
VISAKHAPATNAM	6	7	8	6	8	5	5	2	2	2	3	4	5
RAJAHMUNDRY	15	18	22	21	18	16	15	7	6	7	8	7	13
ELURU	15	19	24	24	23	16	14	7	7	7	9	8	14
APEPDCL	14	18	19	19	18	15	14	6	9	6	7	8	13

CIRCLE WISE SAIFI FOR FY 2020-21:

CIRCLE	APR'20	MAY'20	JUN'20	JUL'20	AUG'20	SEP'20	Average 2020-21
SRIKAKULAM	14	12	16	11	12	11	13
VIZIANAGARAM	13	13	20	12	10	12	13
VISAKHAPATNAM	4	5	8	5	5	5	5
RAJAHMUNDRY	13	12	15	13	12	11	13
ELURU	15	14	20	19	16	16	17
APEPDCL	12	11	15	12	11	11	12

10 Cost of Service Methodology for 2021-22

The Licensee has been filing Cost of Service (CoS) in embedded cost methodology. As per the directions, the study of various CoS methods was done and report submitted to Hon'ble commission. In Tariff Order FY 2019-20, the Hon'ble commission having examined the report on various methods of CoS, finally decided to adopt the same Voltage Wise CoS 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 Voltage Wise CoS for FY 2021-22.

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

Projected Energy Sales for FY 2021-22 (MU)	
Particulars	APEPDCL(MU)
Sales at LT Level	12733.86
Sales at 11KV Level	2568.07
Sales at 33KV Level	1965.73
Sales at 132KV Level and above	5328.80
Total sales	22596.46

The Licensee has, thereafter, grossed up the energy sales (MU) at the specific voltage levels with AT & C losses (%) as estimated in this filings for FY2021-22 for arriving at the power purchase requirement (MU). The summary of the voltage wise losses considered are shown in the Table below:

Projected AT&C Losses for FY 2021-22 (MU)	
AT&C Loss for LT Level	12.65%
AT&C Loss for 11KV Level	9.04%
AT&C Loss for 33KV Level	6.13%
AT&C Loss for 132KV Level and above	3.46%

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

Pwer Purchase Requirement/ Energy Input fpr Different Voltage Levels for FY2021--22(MU)	
Input for LT Level	14578.80
Input for 11KV Level	2823.42
Input for 33KV Level	2094.19
Input for 132KV Level and above	5519.79
Total Input	25016.19

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 to different voltage levels for FY2021-22 (Rs. Cr)	
LT Level	9114.50
11KV Level	1765.17
33KV Level	1309.26
132KV Level and above	3450.91
Total ARR	15639.84

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 FY2021-22 as shown in the Table below:

Cost of service for FY 2021-22(Rs/Unit)	
LT Level	7.16
11KV Level	6.87
33KV Level	6.66
132KV Level and above	6.48
Total ARR	6.92

11 True-Up

Retail Supply Business 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.*

Hon'ble Commission has issued orders on 26.11.2020 on the Petitions filed by the licensee for True-up claims in respect of Retail Supply Business for FY 2014-15, FY2016-17, FY 2017-18 and FY 2018-19.

The provisional True-up/down of power purchase cost for FY 2019-20 as per the latest information is given below. The annual accounts for FY 2019-20 are under finalization. Necessary Statutory Audit has been commenced and C&AG audit to be completed. Once Audit is completed the DISCOM will file True-Up/ True-Down petition in pursuant to the regulations. Liberty may be granted to the DISCOM to file True-Up/ True-Down for FY 2019-20 upon completion of the Audit please

2019-20			
Particulars	Approved	Actual (Provisional)	Diff.
Power Purchase/ Procurement Cost Rs. Crs.	9329.18	9,059.91	-269.27

The station wise estimated power purchase cost for FY 2019-20 is as per Retail Supply Format No.1.4 PP Cost.

12 Tariff Proposals

Licensees proposes to continue with the 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:

Category - I(A): Domestic-LT :The Licensee proposes to remove Monthly minimum charges in LT domestic category and levy a Fixed Charges of Rs 10/KW/Month and part thereof on contracted load, due to which the revenue would increase by 1.07%

Existing minimum charges		Proposed Fixed Charges
1-ph <= 0.5 KW	Rs.25	Rs 10 /KW/Month and part thereof
1-ph > 0.5KW	Rs.50	
3-ph load	Rs.150	

Category - I(B): Townships, Colonies, Gated Communities & Villas-HT :

The licensee proposes to include all new Group housing societies, Apartment Complexes/Buildings, Townships, Industrial Colonies, Gated Communities and will be given the single point HT connection facility under this category.

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

The licensee proposed that the existing housing societies, consumer(s)/ residents' associations, Apartment complexes/buildings, townships, colonies, gated communities etc. may opt for this facility and conversion will be done at free of cost.

The licensee proposes to reduce the existing Energy Charges from Rs. 7.00 per unit to Rs. 5.95 per unit for this category, due to which the revenue would decrease by 14.11%.

The licensee proposed to rename the existing category - I(B) : Townships, Colonies, Gated Communities & Villas-HT as Category - I: Domestic-HT.

Commercial & Others:

Category - LT –II A(iv): Function Halls/Auditoria:

The Licensee proposes to remove existing Fixed Charges of Rs 100/KW/Month in this category, due to which the revenue would decrease by 16 % and improves the sales in this category.

Category - II(B): Startup Power –LT :

The Licensee proposed to include Merchant Plants / IPPs which don't have PPAs with AP DISCOMs in this category.

Category - II(B): Startup Power –HT :

The Licensee proposed to include Merchant Plants / IPPs which don't have PPAs with AP DISCOMs in this category.

Category – III: Industry- HT :

i) Licensee proposes to modify the Morning Peak ToD Timings from 6:00AM-10:00AM to 4:00AM- 8:00AM in line with the incidence of Agriculture Load. Accordingly new ToD Off Peak Timings are 10:00 PM to 4:00 AM.

ii) The licensee proposes to with draw the existing Load Factor incentive.

Category-V: Agriculture and related-LT:

V (C) :Poultry & Aquaculture –LT : The licensee proposes to merge the existing categories V C (i) Poultry Hatcheries and Poultry Feed mixing plants V C (ii) Aqua Hatcheries and Aqua Feed mixing plants into Category III- A Industrial General-LT due to which the revenue increases by 36.11 %.

Category-V: Agriculture and related -HT

V (C) : Poultry & Aquaculture –HT : The licensee proposes to merge the existing categories V C (i) Poultry Hatcheries and Poultry Feed mixing plants V C (ii) Aqua Hatcheries and Aqua Feed mixing plants into Category III- A Industrial General-HT respective voltage levels Due to which the revenue increases by 5.12 %.

RESCO:

The RESCOs draw power from Licensee and the activities of RESCOs are similar to that of the Licensee in implementing similar tariffs in their respective areas as approved by the Hon'ble commission. The licensee proposes to increase both RESCOs Tariff at a rate of Rs 7.15 per unit each which equal to the CoS of Licensee.

Other Proposal:

Proposed para in the ARR writeup to impose restriction on Time of Use / Intra Day procurement by the Bulk Consumers

1. It is observed that certain bulk consumers who are eligible for Inter State Open Access are obtaining the necessary permissions from SLDC for short term OA and are procuring power during day time & off peak hours (Time of the day basis as per their convenience) from the power exchanges (IEX & PXL).
2. Short term OA transactions allows the consumers to opportunistically switch between the DISCOM supply and market procurement even during a day. The Bulk consumers are availing STOA for a very shorter periods, depending daily and intraday variation of power availability and market prices. The DISCOMs cannot requisition power as & when needed to cater to the variable/switchable demand of Short Term OA consumers, and the deviations accrue on account of this are burdening other consumers of the DISCOM.
3. This, further causes hindrance to the DISCOM with regard to the preparation of hourly day ahead drawal requirement that needs to be furnished to the SLDC and state level drawal forecast for SRLDC. The Consumers who are permitted to access Power Exchanges are not furnishing any information with regard to their planned procurement on day-ahead basis from exchanges/other sources and in the absence of such information, the DISCOM is taking their entire contracted requirement into consideration. This increases uncertainty in power procurement planning in DISCOMs.

In view of the above, it is requested to issue necessary permission to the DISCOMs to impose a condition to the STOA consumers to go for only **day long block bidding** (procuring power for entire day without intermittent usage of grid power) for the entire day and give prior intimation to the territorial DISCOM to enable the same to plan the day ahead procurement.

13 Revenue Impact

The overall revenue gain due to above Tariff Proposals is Rs.306.18 Crores with an overall impact of 2.64% as shown in the Table below:

CATEGORY	LT			HT			TOTAL			
	Existing Tariff (Rs Cr)	Proposed Tariff (Rs Cr)	Impact (Rs. Cr)	Existing Tariff (Rs Cr)	Proposed Tariff (Rs Cr)	Impact (Rs. Cr)	Existing Tariff (Rs Cr)	Proposed Tariff (Rs Cr)	Impact (Rs. Cr)	Impact %
I- Domestic	2284.61	2308.95	24.34	24.02	20.63	-3.39	2308.63	2329.58	20.95	0.91
II- Commercial & Non Domestic	1210.43	1207.32	-3.11	840.64	840.64	0.00	2051.07	2047.96	-3.11	-0.15
III-Industrial	293.13	320.31	27.18	4719.24	4838.14	118.89	5012.37	5158.45	146.08	2.91
IV-Institutional	273.78	273.78	0.00	682.28	682.28	0.00	956.06	956.06	0.00	0.00
V-Agriculture & Related	798.32	778.34	-19.97	428.49	321.40	-107.09	1226.81	1099.74	-127.07	-10.36
RESCO				41.77	311.10	269.33	41.77	311.10	269.33	644.74
TOTAL	4860.26	4888.70	28.44	6736.45	7014.19	277.74	11596.72	11902.90	306.18	2.64

14 Tariff Table for all Consumer Categories

Proposed Retail Tariff Schedule for FY 2021-22									
Category	Consumer Category	LT SUPPLY			Billing Unit	HT SUPPLY			
		Fixed / Demand Charges per month (Rs./HP or kW)	Energy Charges (Rs./Unit)			Fixed / Demand Charges per month (Rs./kVA)	Energy Charges		
						11 kV	33 kV	132 kV & above	
I	Domestic								
	(A) : Domestic (Telescopic)								
	Group A : Consumption ≤ 75 Units during the billing month								
	0-50	10/kW	1.45	kWh	-	-	-	-	
	51-75		2.60	kWh	-	-	-	-	
	Group B: Consumption > 75 and ≤ 225 units during the billing month								
	0-50	10/kW	2.60	kWh	-	-	-	-	
	51-100		2.60	kWh	-	-	-	-	
	101-200		3.60	kWh	-	-	-	-	
	201-225		6.90	kWh	-	-	-	-	
	Group C: Consumption > 225 units during the billing month								
	0-50	10/kW	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	-	-	-	-	
	Consumers whose consumption is more than 500 units per month can opt for smart meters and ToD rebate of Rs.1 per unit is applicable for such consumers for the								
	Domestic -HT				kVAh	75	5.95	5.95	5.95
II	COMMERCIAL & OTHERS								
	(A) : Commercial								
	(i) Minor 0-50 Units	55 kW	5.40	kWh/kVAh	-	-	-	-	
	(ii) Major								
	0-50	75 kW	6.90	kWh/kVAh	475	7.65	6.95	6.70	
	51-100		7.65	kWh/kVAh					
	101-300		9.05	kWh/kVAh					
	301-500		9.60	kWh/kVAh					
	Above 500 units		10.15	kWh/kVAh					
	Time of Day tariff (TOD)- Peak (6 PM to 10 PM)	-	-	kWh/kVAh	-	8.65	7.95	7.70	
	(iii) Advertising Hoardings	100 kW	12.25	kWh/kVAh	-	-	-	-	
	(iv) Function halls / Auditoria	-	12.25	kWh/kVAh	-	12.25	12.25	12.25	
	(B) : Startup power	-	12.25	kWh/kVAh	-	12.25	12.25	12.25	
	(C) : Electric Vehicles / Charging Stations	-	6.70	kWh/kVAh	-	6.70	6.70	6.70	
	(D) : Green Power	-	12.25	kWh/kVAh	-	12.25	12.25	12.25	
III	INDUSTRY								
	(A) : Industry (General)≠ & Poultry & Aquaculture	75 kW	6.70			6.30	5.85	5.40	
	Time of Day tariff (TOD)- Peak (4 AM to 8 AM & 6 PM to 10 PM)	-	-	kWh/kVAh	475	7.30	6.85	6.40	
	Time of Day tariff (TOD)- Off Peak (10 PM to 4 AM)	-	-			5.30	4.85	4.40	
	Industrial Colonies	-	-	kWh/kVAh	-	7.00	7.00	7.00	
	(B) : Seasonal Industries (off- season)	75 kW	7.45	kWh/kVAh	475	7.65	6.95	6.70	
	(C) : Energy Intensive Industries	-	-	kWh/kVAh	-	5.80	5.35	4.95	
	(D) : Cottage Industries upto 10HP *	20 kW	3.75	kWh	-	-	-	-	
	* - Rice mills and Pulverising units are permitted upto 150 HP in LT and as per the tariff mentioned in the terms and conditions.								
IV	INSTITUTIONAL								
	(A) : Utilities (Street Lighting, NTR Sujala Pathakam, CPWS and PWS)	75 kW	7.00	kWh	475	7.65	6.95	6.70	
	(B) : General Purpose	75 kW	7.00	kWh/kVAh	475	7.95	7.25	7.00	
	(C) : Religious Places								
	(i) ≤ 2 kW	30 kW	4.80	kWh	-	-	-	-	
	(ii) > 2 kW	30 kW	5.00	kWh/kVAh	30	5.00	5.00	5.00	
	(D) : Railway traction	-	-	kVAh	-350	5.50	5.50	5.50	
V	AGRICULTURE & RELATED								
	(A) : Agriculture								
	(i) Corporate farmers	200 HP	-	-	-	-	-	-	
	(ii) Non-Corporate farmers	-	-	-	-	-	-	-	
	(iii) Salt farming units upto 15 HP	-	2.50	kWh	-	-	-	-	
	(iv) Sugarcane crushing	-	-	-	-	-	-	-	
	(v) Rural Horticulture Nurseries	-	-	-	-	-	-	-	
	(vi) Floriculture in Green House	75 kW	4.50	kWh/kVAh	-	-	-	-	
	(B) : Aquaculture and Animal Husbandry	30 kW	3.85	kWh/kVAh	30	3.85	3.85	3.85	
	(D) : Agro Based Cottage Industries upto 10 HP	20 kW	3.75	kWh	-	-	-	-	
	(E) Government / Private Lift Irrigation Schemes	-	-	kVAh	-	7.15	7.15	7.15	
	RESCO			kWh/kVAh	-	7.15	-	-	

Note: All other conditions are as per the Chapter –X of Retail Supply Tariff Schedule for FY 2020-21 unless and otherwise mentioned in this document.

15 Cross Subsidy Surcharge for FY 2021-22

The licensee humbly submits the Cross Subsidy Surcharge computation for FY 2020-21 as per the methodology suggested in the National Tariff Policy, 2016 (NTP-2016) and considering the tariff schedule as per the Filing of Tariff Proposals by the licensee.

As per section 8.5 of NTP-2016, Cross Subsidy Surcharge formula is as below:

$$S = T - [C / (1 - L/100) + D + R], \text{ where}$$

S is the surcharge

T is the tariff payable by the relevant category of consumers, including reflecting the Renewable Purchase Obligation

C is the per unit weighted average cost of power purchase by the Licensee, including meeting the Renewable Purchase Obligation

D is the aggregate of transmission, distribution and wheeling charge applicable to the relevant voltage level

L is the aggregate of transmission, distribution and commercial losses, expressed as a percentage applicable to the relevant voltage level

R is the per unit cost of carrying regulatory assets

Above formula may not work for all distribution licensees, particularly for those having power deficit, the State Regulatory Commissions, while keeping overall objectives of the Electricity Act in view, may review and vary the same taking into consideration the different circumstances prevailing in the area of distribution licensee.

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

In accordance with the above formula, the licensee computed Sub-category-wise Cross Subsidy Surcharge based on the filed tariffs, as applicable, for the FY 2021-22.

a) Computation of “C”

Computation of “C” for APEPDCL is based on the filed average cost of power purchase by the licensee.

$$C = \text{Average Power Purchase Cost} = \text{Total Cost of Power Purchase} / \text{Total Power Purchase Quantity}$$

Particulars	Power Purchase (MU)	Total Cost (In Rs. Cr.)	Average Cost of power purchase (Rs. / Unit)
APEPDCL	25,016.19	10,999.44	4.40

b) Computation of “D”

Step1: Applicable wheeling charge at various voltage levels as approved by the Honourable Commission and PGCIL charges as filed

Network	(132kV and above) (Rs./kVA/month)	33kV (Rs./kVA/ month)	11kV (33kV included) (Rs./kVA/month)
Transmission / Wheeling Charges	154.54	54.73	427.50

Network	PGCIL Charges (Rs. Crs)	Total Sales for FY 2021-2022 (MU)
PGCIL Network	537.01	22,596.46

Step 2: Conversion of wheeling charges and transmission charges to Rs/unit values considering a load factor of 100% using the formula: (Wheeling Charge/ (24*30*100%)) for wheeling charges and (PGCIL Charges*10/Total Sales) for PGCIL charges

Network	PGCIL Charges (Rs/kWh)	132kV and above (Rs/kWh)	33kV (Rs/kWh)	11kV (33kV included)
Transmission / Wheeling Charges	0.24	0.21	0.08	0.59

Step 3: Computation of wheeling charges and transmission charges at relevant voltage level based on the above values is

c) Computation of “L”

Step 1: Applicable loss at various voltage levels as filed

Network	APTransco (132kV and above)	33kV	11kV
Losses %	3.46%	2.77%	3.10%

Step2: Computation of system losses at relevant voltage level based on the above values is

Network	132kV and above (a)	33kV (b)	11kV (c)	System Loss “L” = {1 - (1 - a)*(1-b)*(1-c)}
For 11kV Consumer	3.46%	2.77%	3.10%	9.04%
For 33kV Consumer	3.46%	2.77%	0.00%	6.13%
For EHT (132kV and above) Consumer	3.46%	0.00%	0.00%	3.46%

d) Computation of “R”

The cost of carrying regulatory asset is considered to be zero

e) Computation of “T”

As per NTP 2016, “T is the tariff payable by the relevant category of consumers, including reflecting the Renewable Purchase Obligation”

Tariff payable for each of the relevant category is a combination of Demand Charge and Energy Charge. Other charges like Customer Charge, Minimum Charge, and NTI have been excluded from the calculation of Average Realization.

The category-wise CSS computation for FY 2021-22 of APEPDCL is as follows.

Consumer Category			T	C	D	L	R	$S = T - [C(1 - L/100) + D + R]$	$A = 0.2T$	CSS= min (S,A)
Consumer Category			Average Realization (Excluding customer charges, Minimum charges, NTI) (Rs./Unit)	Per Unit weighted Average Cost of Power Purchase (Rs./Unit)	Transmission, distribution and Wheeling Charges (Rs./Unit)	Applicable Loss %	Carrying Cost of Regulatory Asset (Rs./Unit)	Cross Subsidy Surcharge (Rs./Unit)	20 % of Average Realization	CSS (Rs./Unit)
Category	HT SUPPLY									
	At 11 kv									
I	B	Townships and Colonies	6.45	4.40	1.05	9.04%	0.00	0.57	1.29	0.57
II	A	Commercial	10.99	4.40	1.05	9.04%	0.00	5.11	2.20	2.20
III	A	Industrial General	8.54	4.40	1.05	9.04%	0.00	2.66	1.71	1.71
	B	Seasonal Industries	16.46	4.40	1.05	9.04%	0.00	10.58	3.29	3.29
IV	A	Utilities	9.28	4.40	1.05	9.04%	0.00	3.40	1.86	1.86
	B	General Purpose	10.88	4.40	1.05	9.04%	0.00	5.00	2.18	2.18
V	E	Government / Private Lift Irrigation Schemes	7.15	4.40	1.05	9.04%	0.00	1.27	1.43	1.27
	At 33 KV									
I	B	Townships and Colonies	6.24	4.40	0.53	6.13%	0.00	1.03	1.25	1.03
II	A	Commercial	9.95	4.40	0.53	6.13%	0.00	4.74	1.99	1.99
	B	Startup Power	12.25	4.40	0.53	6.13%	0.00	7.04	2.45	2.45
III	A	Industrial General	7.52	4.40	0.53	6.13%	0.00	2.31	1.50	1.50
	B	Seasonal Industries	10.64	4.40	0.53	6.13%	0.00	5.43	2.13	2.13
IV	A	Utilities	16.97	4.40	0.53	6.13%	0.00	11.75	3.39	3.39
V	E	Government / Private Lift Irrigation Schemes	7.15	4.40	0.53	6.13%	0.00	1.94	1.43	1.43
	At 132KV									
II	A	Commercial	10.19	4.40	0.45	3.46%	0.00	5.18	2.04	2.04
	B	Startup Power	12.25	4.40	0.45	3.46%	0.00	7.24	2.45	2.45
III	A	Industrial General	7.79	4.40	0.45	3.46%	0.00	2.79	1.56	1.56
IV	D	Railway Traction	6.77	4.40	0.45	3.46%	0.00	1.77	1.35	1.35
V	E	Government / Private Lift Irrigation Schemes	7.15	4.40	0.45	3.46%	0.00	2.14	1.43	1.43

16 Additional Surcharges

As per the directions given by the Hon’ble Commission in Tariff Order FY 2020-21, the Licensee shall file the Additional Surcharge in supplementary filings.

17 Directives for FY2020-21

S. No.	Directions given by Commission in FY2020-21	Action Taken in brief
1	<p>Agricultural Sales volume</p> <p>To be vigilant on sales volume to this consumer category (covering only genuine consumers and preventing any unauthorized and unaccounted pilferage or theft of energy in any manner) and invoke appropriate remedial measures, under intimation to the Commission, to meet the excess cost in case the actual sales are likely to exceed the approved sales volume during the year with authenticated data in line with Commission's directives.</p> <p>(Chapter-III, Para 82, Page No.33)</p>	<p>Field inspections done to prevent any unauthorized and unaccounted pilferage or theft of energy in any manner during FY 2020-21 as remedial measures. Total 220 nos. Direct Tapping/Pilferage Cases booked to an amount of Rs 7.74 lakh, 59 nos. Malpractice cases to an amount of 9.15 lakhs, 16 nos. BB cases for an amount 20.63 lakhs, 530 nos. Addl loads for an amount of 27.45 lakhs Total 825 cases booked to an amount of Rs 64.97 lakhs.</p> <p>It is planned to provide meters to all agricultural services under YSR Uchitha Vyavasaya Vidyuth Padhakam.</p>
2	<p>Transfer of ownership of GGPP to APGENCO</p> <p>The Commission takes notice of the fact that the process of ownership transfer of GGPP from APDISCOMs to APGENCO is hanging fire for a substantially long time, and feels that any further delay in this regard is not desirable. The APDISCOMs are therefore directed to complete the transfer process as expeditiously as possible and not later than six (6) months.</p> <p>(Chapter-IV, Para 101(s), Page No.73)</p>	<p>Since M/s.GVK is not coming forward to execute sale deed and transfer the project to APDISCOMs, APEPDCL has filed criminal case and is in the process of filing of civil suit on behalf of APDISCOMs.</p>
3	<p>Power from HNPCL and Simhapuri plants</p> <p>In case of shortage of power, the DISCOMs may consider procurement of power to the extent of their requirement from M/s HNPCL strictly based on merit order at the interim tariff @ Rs.3.82 per unit as directed by the Hon'ble APTEL.</p> <p>(Chapter-IV, Para 101(v), Page No.76)</p>	<p>APDISCOMs are considering allowing HNPCL in case of shortage of power based on merit order as per prevailing directions.</p>

S. No.	Directions given by Commission in FY2020-21	Action Taken in brief
4	<p>Power from Gas based IPPs (GVK extension, GMR Vemagiri, Gautami and Konaseema) “If Vemagiri, Konaseema, GVK extension and Gouthami gas based power projects can supply power of a quantity of 4835.52 MU with a PLF of 80% provided natural gas is available and if there is availability / augmentation of natural gas supplies to them during FY2020-21, the distribution licensees shall take appropriate permissible steps immediately for procuring cheaper power as per merit order despatch for the benefit of the consumers by reduction of power purchase cost.” (Chapter-IV, Para 101(w), Page No.77)</p>	<p>As on date Natural Gas is not available for these projects and whenever it is available, APDISCOMs will take all necessary steps to get cheaper power from these IPPs.</p>
5	<p>Energy availability & procurement from sources not approved The licensees are directed to note that in respect of power from the Generating stations included in the approved sources of supply which either have no Power Purchase Agreements or have no approval from the Commission for their Power Purchase Agreements and / or have to still have their tariff determined by the Commission, except in the cases where there is an adhoc tariff already being paid, if any, as per the Orders of the Commission, the licensees shall not receive such supplies without prior intimation to and approval of the Commission. (Chapter-IV, Para 108, Page No.83)</p>	<p>APDSICOM’s will procure Energy from the Power Developers only with prior intimation and approval of the Commission.</p>
6	<p>Unexpected Slippage in Generation</p> <p>During some months, part or full availability of energy estimated from some of the generating stations/sources may not materialize due to factors like break-down of power plants, non-availability of fuel etc. leading to a gap between demand and supply. In that case, the licensees shall approach the Commission for remedial measures to meet the shortfall in energy from alternative sources. If any shortfall is observed in any time block for various reasons, in all such cases the licensees may procure the shortfall energy through Power Exchanges, Intra-day mechanisms but with a price not exceeding the average power purchase cost determined in this Order under simultaneous intimation to the Commission. All such details of purchases shall be furnished to the Commission fortnightly in the form of a statement for periodical ratification.</p> <p>Further, the licensees shall not procure energy from Stations / Sources other than those approved in this order without the prior approval of the Commission. Further,</p>	<p>As per the direction of the Hon’ble APERC, the day wise particulars of energy bought/sold through Power exchanges and Intra-day mechanisms were submitted to the Hon’ble APERC daily through E-mail. The fortnightly and monthly statements of energy bought/sold through power exchanges were simultaneously intimated and furnished to the Hon’ble APERC in FY 2019-20 for periodical ratification.</p>

S. No.	Directions given by Commission in FY2020-21	Action Taken in brief
	<p>the Licensees are also directed not to procure energy over and above the quantum indicated against each Station / Source unless and otherwise approved by the Commission or ratified by it in case of unavoidable emergencies (The licensees should be able to satisfy the Commission about the nature of the emergency). However, the licensees are at liberty to purchase energy from thermal stations listed in the merit order dispatch which have least variable cost and are placed top in the merit order, over and above the approved quantities, which helps further reduction of the power purchase cost approved in this order. While operating intraday merit order dispatch, the least cost source shall be dispatched to the full extent in order to achieve lower power purchase cost at the end.</p> <p>Violation of the above directions of the Commission will be viewed very seriously and appropriate action will be initiated against the officers/persons responsible for violation under the provisions of the Electricity Act, 2003, AP Electricity Reform Act, 1998, and Rules and Regulations made there under in accordance with the prescribed procedure.</p> <p>(Chapter-IV, Para 114, 115&116, Page Nos.85 & 86)</p>	
7	<p>Sale of Surplus Energy The Commission has determined the surplus energy at 9504.27 MU as against the deficit of 3955.83 MU assessed by the licensees. The Commission observes here that out of the surplus energy of 2739.98 MU determined by it for FY2019-20, the licensees have miserably failed to sell the surplus energy even though they were directed “to sell any surplus power that may be available with them upto the last unit at an economically beneficial price to the maximum extent possible by all possible means as described” at para no. 302 (pages 201 & 202) of the Retail Supply Tariff Order for FY2019-20.</p> <p>Therefore, the Commission directs the Licensees to sell the surplus energy available with them up to the last unit at an economically beneficial price to the maximum extent possible. The details of efforts made by the licensees to sell the surplus energy in all possible ways and the details of sale of surplus energy in a month shall be intimated to the Commission by 15th of succeeding month during FY2020-21.</p> <p>(Chapter-IV, Para 117&118, Page Nos. 86)</p>	<p>For FY2019- 20, the APDISCOMS has sold surplus energy of 26.660 MU through power exchanges and submitted through monthly reports for periodical ratification by Hon’ble APERC.</p>

S. No.	Directions given by Commission in FY2020-21	Action Taken in brief
8	<p>Power purchase cost from APGPCL needs to be scrutinized The DISCOMs shall obtain the audited reports for FY2019-20 after completion of financial year for the expenditure claimed by M/s APGPCL and shall submit to the Commission with scrutiny and comments by the audit wing of DISCOMs. The fixed cost of APGPCL for FY2020-21 is restricted to the estimated cost for H2 of FY2019-20 proposed by the licensees. However, if and when a true-up application is filed, the Commission will determine the fixed cost based on the actual expenditure incurred by APGPCL. (Chapter-IV, Para 125(kk), Page No.92)</p>	<p>It is to submit that the Audited reports for FY 2019-20 will be obtained from M/s APGPCL after completion of audit and review report for the expenditure claimed by M/s APGPCL will be submitted.</p>
9	<p>Fixed and Other Costs In respect of Central Generating Stations (CGS) other than Nuclear Power Plants, the licensees stated that they have proposed the fixed costs based on relevant orders of CERC. But, as per the information obtained subsequently, it is observed that the relevant orders of CERC pertain to the period upto FY2018-19 and the orders for the tariffs for the subsequent years are yet to be issued by the CERC. Therefore, the fixed costs of CGS as proposed by the licensees are tentatively applied by the Commission subject however to the final determination of the tariffs by the CERC. In respect of other IPPs, the Commission applies the fixed costs as proposed by the licensees as the same are stated to be as per the respective agreements, subject to final verification at the time of true-up. (Chapter-IV, Paras 130 & 131, Page No.96)</p>	<p>The Hon'ble CERC orders for FY2020-21 on Tariff block of 2019-24 in respect of CGS Stations will be brought to the notice of the Hon'ble Commission for final determination.</p>
10	<p>Variable Costs In respect of Wind and Solar Plants, the tariffs as approved by the Commission in the Retail Supply Order for FY2019-20 are applied for estimation of Power Purchase Cost in this Order as the licensees have not proposed the cost of power from these sources. Application of these tariff rates cannot however be understood as a mandate to the licensees to pay the Wind and Solar developers at that rate as the payments for the present are governed by the judgment of the Hon'ble High Court of Andhra Pradesh. It is however made clear that the liability of the licensees in this regard shall be subject to the outcome of the pending litigation. (Chapter-IV, Para 134, Page No.96)</p>	<p>The payment of Energy bills will be as per High court order dated 24.09.2019 subject to the outcome of pending litigation.</p>

S. No.	Directions given by Commission in FY2020-21	Action Taken in brief
11	<p>Renewable Energy Certificates</p> <p>In view of G.O.No.116, dated 1.10.2019 excluding APEPDCL from the scheme of allocation of Wind and Solar energy generated in the State, APEPDCL will fall short of RPP Obligation. In this regard, it may be noted that the 2 proviso to clause 3.1 of APERC Regulation No. 1 of 2017 envisages that the purchase of renewable power, by a distribution licensee from other distribution licensees in the State of Andhra Pradesh shall also be reckoned for computing the fulfillment of RPPO by such a licensee. Therefore, on mutual agreement with regard to price, the sale of energy from APSPDCL to APEPDCL may be considered as Renewable Energy for fulfillment of APEPDCL's RPPO for FY2020-21.</p> <p>(Chapter-IV, Para 140, Page No.99)</p>	<p>APDISCOMS are in the process of mutual agreement with regard to price for the sale of energy from APSPDCL to APEPDCL to meet the RPPO Obligation as per directive.</p>
12	<p>Variable Renewable Energy (VRE) subsidy / Must Run Incentive (MRI)</p> <p>From the statement of the licensees in their filings as extracted supra, it is evident that the sole basis for VRE subsidy/must run incentive (MRI) is the so-called bilateral agreement between the Government and the power developers. On a careful perusal of Memorandum of Understanding which is evidently termed as bilateral agreement, the Commission does not find any term therein providing for payment of VRE subsidy or must run incentive. These phrases appear to have been coined by the DISCOMs from their own imagination. Therefore, we perceive this proposal as wholly misconceived. When a statute or contract does not impose any obligation on the executive government, it is neither legal nor proper to fasten the Government with a non-existent obligation. We may however hasten to add that if the State Government is prepared to subsidize the DISCOMs any part of the tariff as held out by the energy secretary in the statement sent in the name of Government of Andhra Pradesh to this Commission on 21-01-2020, it shall be free to do so without the Commission's intervention. The Commission therefore holds that the claim of the DISCOMs to exclude the purported component of VRE subsidy from the power purchase cost towards procurement of Wind and Solar energy is without any basis and the same is accordingly rejected.</p> <p>(Chapter-IV, Para 143(ccc), Page No.111)</p>	<p>It is noted that the proposal of "Must Run" incentive/ VRE subsidy is not considered by the Hon'ble APERC.</p>

S. No.	Directions given by Commission in FY2020-21	Action Taken in brief
13	<p>SLDC Cost</p> <p>The Commission has verified the computations made by licensees and found that the SLDC cost filed by the licensees is less than that approved for FY2020-21 in the order on SLDC Annual Fees and Operating Charges for the 4th Control Period. The licensees have claimed SLDC Cost based on the demand considered for transmission capacity but not on the installed capacities on which SLDC charges are determined by the Commission. Therefore, if the licensees pay the SLDC Costs over and above the filings, the same may be claimed in the ARR for FY2021-22. However, the Commission approves the SLDC Costs as filed by the licensees in this order. (Chapter-V, Para 148, Page No.113)</p>	<p>SLDC Costs over and above the filings if any incurred will be claimed in True ups.</p>
14	<p>Periodical Reports on progress of Energy efficiency and conservation initiatives</p> <p>The licensees shall place on their respective websites the details of projects and the savings accrued on account of implementation of Energy Efficiency and Energy Conservation projects. (Chapter-V, Para 160(b), Page No.121)</p>	<p>The details of energy Efficiency & Energy Conservation Projects is placed in APEPDCL Website.</p>
15	<p>Measures for prevention of electrical accidents</p> <p>Needless to observe, the licensees shall take all possible steps to prevent electrical accidents by adhering to all safety standards in accordance with the CEA Safety Regulations. The Commission proposes to monitor the performance of the DISCOMs on implementation of safety measures for reducing the number of electrical accidents and issue instructions in this regard from time to time in future. (Chapter-V, Para 160(d), Page No.122)</p>	<p>It is to submit that instructions are issued to Field Officers on safety measures from time to time as below (1). Memo. No. CGM/O&CS/VSP/APEPDCL/LMC/D.No. 2365/19, Dt. 27.12.2019. (2). Memo. No. CGM/O&CS/VSP/APEPDCL/LMC/D.No. 237/20, Dt. 12.02.2020. (3).Circular instructions.No. CGM/O&CS/VSP/APEPDCL/LMC/D.No. 409/20, Dt. 06.03.2020.(4) Cir instr.No. CGM/O&CS/VSP/APEPDCL/LMC/D.No. 528/20, Dt.01.04.2020.(5) Cir. Instr. No. CGM/ O&CS/ EPDCL/VSP/ GM/Opn/DE/LMC/AE/LMC/ D.No.1363 / 20 Dt.27.08.2020 2. As part of above measures 6000 Nos Personal Safety tool kits have been procured and issued to field towards Safety Equipment.</p>

S. No.	Directions given by Commission in FY2020-21	Action Taken in brief
16	<p>Payment of ex-gratia to Victims of electrical accidents</p> <p>The licensees shall strictly comply with Regulation 2 of 2017 in paying compensation to the victims of electrical accidents. The Commission has been considering the grievances of the victims / their families received through correspondence and issuing instructions to the licensees for settling compensation claims without any loss of time and shall continue this exercise in future also. (Chapter-V, Para 160(e), Page No.123)</p>	<p>i) Electrical Accidents occurred to Humans and Animals during FY 2019-20 are 255 Nos. Compensation paid for 126 Nos accidents and Compensation proposals for 15 Nos. are under process, 74 Nos. accidents proposed for deletion by SEs/O/APEPDCL.</p> <p>ii) Electrical Accidents occurred for FY 2020-21 are 247 Nos. Compensation paid for 50 Nos and Compensation proposals for 102 Nos are under process and 66 Nos. accidents proposed for deletion by SEs/O/APEPDCL .</p>
17	<p>The Commission's decision on other costs</p> <p>In conformity with the Commission's view stated supra, it has decided to continue the provision of grant of Rs.3 Cr. (Rs.2 Cr. – SPDCL, Rs.1 Cr. – EPDCL) to APSEEDCO. Further, in the State Advisory Committee meeting held on 13.01.2020 at Tirupati, the Managing Director, APSEEDCO has brought to the notice of this Commission that the grants approved by the Commission for FY2019-20 to APSEEDCO were not released by the licensees. In this regard, the licensees are directed to comply with the directions of this Commission and release the grants as provided to APSEEDCO and report compliance within one month from the date of notification of this order. (Chapter-V, Para 162, Page No.123)</p>	<p>We are obliging the directions of Hon'ble Commission and arranging the funds to APSEEDCO on receipt of detailed request with action plan to carry out the energy efficiency projects from them in this regard.</p>

S. No.	Directions given by Commission in FY2020-21	Action Taken in brief
18	<p>REC income not shown The Commission agrees with the stand of the objector. As the DISCOMs have the details of the RPO achieved by them, it would not have been difficult for them to make a broad assessment of the revenue expected from the sale of RECs and include the same in the expected revenues. The Commission has however assessed the expected revenue with reasonable approximation in this Order. The Commission hereby direct the DISCOMs to indicate the likely revenue through sales of RECs in future. (Chapter-VII, Para 189, Page No.133)</p>	<p>The direction of Hon'ble APERC will be followed and by availing NCE Energy from APSPDCL, as APEPDCL is in shortage of NCE power.</p>
19	<p>Licensees' Proposals, Objections and Commission's Decisions In this regard, it is relevant to note that the Commission approved only five (5) categories for FY2019-20 and each category along with the associated sub-categories as applicable, has classification for LT Supply and HT Supply based on the voltage level and Connected Load. The Commission approves the same structure with the same five Categories, for FY2020-21 also. Further, the nomenclature of categories shall be "Category – I: Domestic – LT" or "Category – I: Domestic – HT", etc. and the sub-categories shall also be read accordingly, e.g. "Category – III (A): Industry (General)– LT" or "Category – III (A): Industry (General)– HT". The licensees are directed to make note of the nomenclatures and to strictly follow the same while making the proposals in future. (Chapter-VIII, Paras 196,197 & 198, Page No.140)</p>	<p>The nomenclatures for all Categories and Sub-Categories of LT and HT are followed in APEPDCL as per the directives of Hon'ble APERC w.e.f 01.04.2020.</p>

S. No.	Directions given by Commission in FY2020-21	Action Taken in brief									
20	<p>Enhancement of load limit to Rice Millers and Pulverisers under LT Supply The requests of the Pulverisers and Rice Millers are examined and the probable financial impact on the licensees if the requests are positively considered has been analysed based on the information subsequently obtained from the licensees. Accordingly, in consideration of these requests, the Commission decided to permit the above class of consumers upto a connected load of 150 HP under “Category III: Industry (General) – LT” with the following tariffs in order to strike a balance between the interests of these consumers and that of the licensees.</p> <table border="0" data-bbox="226 534 1019 742"> <thead> <tr> <th data-bbox="226 534 504 566">Connected Load</th> <th data-bbox="504 534 772 598">Fixed charges (Rs./kW/Month)</th> <th data-bbox="772 534 1019 598">Energy Charge (Rs./kWh or kVAh)</th> </tr> </thead> <tbody> <tr> <td data-bbox="226 630 504 662">Upto 100 HP</td> <td data-bbox="504 630 772 662">75.00</td> <td data-bbox="772 630 1019 662">6.70</td> </tr> <tr> <td data-bbox="226 662 504 694">101 HP to 150 HP</td> <td data-bbox="504 662 772 694">275.00</td> <td data-bbox="772 662 1019 694">6.70</td> </tr> </tbody> </table> <p>Monthly minimum charges – NIL</p> <p>Note: (i) The existing consumers whose connected load is more than 100 HP and upto 150 HP and are already availing supply under Category III (A) – HT Industry (General) shall be given option, either to continue to be billed in the same category or to be billed at the tariff as mentioned above, without disturbing the existing metering. The existing consumers shall give such option on or before 30.06.2020 failing which they shall continue to be billed as per Category III (A) – HT Industry (General). (ii) The new consumers with the contracted load between 100 HP and 150 HP may also opt to be billed as per the above tariff failing which they will be billed as per Category III (A) – HT Industry (General). (Chapter-VIII, Para 204(x), Page No.159)</p>	Connected Load	Fixed charges (Rs./kW/Month)	Energy Charge (Rs./kWh or kVAh)	Upto 100 HP	75.00	6.70	101 HP to 150 HP	275.00	6.70	<p>Options were called for from consumers of Rice Mills/Pulverising Units. Existing 75 Nos HT consumers availing supply under HT Category are Opted to LT under this category and 114 nos existing consumers applied for Addl Load. Out of which 82 Nos paid the sanctioned amount and availed.</p>
Connected Load	Fixed charges (Rs./kW/Month)	Energy Charge (Rs./kWh or kVAh)									
Upto 100 HP	75.00	6.70									
101 HP to 150 HP	275.00	6.70									
21	<p>Penal charges for exceeding CMD The Commission sees justification in the grievance of the objectors and has accordingly decided to prescribe the modified tariff conditions (Chapter-VIII, Para 204(II), Page No.165)</p>	<p>The billing software has been modified as per clause 6.6 of Tariff Order FY 2020-21 and the bills have been issuing accordingly.</p>									

S. No.	Directions given by Commission in FY2020-21	Action Taken in brief												
22	<p>Additional Charges for Maximum Demand in excess of the Contracted Demand: If in any month the Recorded Maximum Demand (RMD) of the consumer exceeds his Contracted Maximum Demand (CMD) with Licensee, the consumer will pay the following charges on excess demand and on energy calculated in proportion to the excess demand:</p> <table border="1" data-bbox="241 443 857 735"> <thead> <tr> <th>RMD</th> <th>Demand Charges on Excess Demand</th> <th>Energy Charges on Excess Energy</th> </tr> </thead> <tbody> <tr> <td>100 to 120% of CMD</td> <td>2 times of normal charge</td> <td>Normal</td> </tr> <tr> <td>Above 120% and up to 200% of CMD</td> <td>2 times of normal charge</td> <td>1.5 times of normal charge</td> </tr> <tr> <td>More than 200% of CMD</td> <td>2 times of normal charge</td> <td>2 times of normal charge</td> </tr> </tbody> </table> <p>Excess demand and energy charges shall be computed as follows: Excess Demand = (RMD-CMD) if RMD is more than CMD with Licensee. Excess Energy = (Excess Demand / RMD) X Recorded Energy</p> <p>[Chapter-X, Para 225 (6.6), Page No.229]</p>	RMD	Demand Charges on Excess Demand	Energy Charges on Excess Energy	100 to 120% of CMD	2 times of normal charge	Normal	Above 120% and up to 200% of CMD	2 times of normal charge	1.5 times of normal charge	More than 200% of CMD	2 times of normal charge	2 times of normal charge	The billing software has been modified as per clause 6.6 of Tariff Order FY 2020-21 and the bills have been issuing accordingly.
RMD	Demand Charges on Excess Demand	Energy Charges on Excess Energy												
100 to 120% of CMD	2 times of normal charge	Normal												
Above 120% and up to 200% of CMD	2 times of normal charge	1.5 times of normal charge												
More than 200% of CMD	2 times of normal charge	2 times of normal charge												
23	<p>Full Cost Recovery Tariff Schedule (FCRTS) for FY2020-21 In the absence of any external subsidization u/s 65 of the Electricity Act, 2003 for the total revenue gap of Rs.10,060.63 Cr. (Rs.7247.18 Cr. for APSPDCL and Rs.2813.44 Cr. for APEPDCL) as determined by the Commission in this order, the licensees will have to charge the rates contained in the above Full Cost Recovery Tariff Schedule during FY2020-21 for retail sale of electricity to generate the revenue to meet the approved ARR for FY2020-21. (Chapter-IX, Para 220, Page No.184)</p>	As on 27-11-2020, Rs.538.27 Crs received from the Govt. of Andhra Pradesh towards Tariff Subsidy for FY 2020-21 as against Rs.2813.44 Crs approved by Hon'ble APERC in Tariff Order of FY2020-21.												
24	<p>GoAP orders on subsidies / concessions The Commission has not factored the decisions of the Government in the G.O.s mentioned infra, while arriving the subsidy requirement. G.O.Rt.No.70 dated 2.07.2019 - tariff concession to the Aquaculture farmers (Annexure-11), (ii) G.O.Ms.No.91 dated 24.07.2019 - free power under Jagjeevan Jyothi Scheme to the eligible Scheduled Caste households(Annexure-12), (iii) G.O.Rt.No.24 dated 15.02.2019- free power to laundries run by BPL Rajaka community and to shops of</p>	As per GoAP orders on subsidies/concessions. The Subsidies are Calculated and claimed to the respective Government departments.												

S. No.	Directions given by Commission in FY2020-21	Action Taken in brief
	<p>Gold Smiths and most backward class households below poverty line (Annexure-13),(iv) G.O.Rt.No.128, dt. 29.11.2019 - tariff concession to rolled gold covering industry in Machilipatnam (Annexure-14), (v) G.O.Rt.No.15 dated 06.02.2019 - free power supply upto 150 units per month to hair cutting saloons (Annexure-15), and (vi) G.O. Rt.No.291dated 25.09.2018 - free power upto 100 units per month to handloom weavers(Annexure-16) as such a proposal has not been made by the licensees. (Chapter-X, Para 224, Page No.185)</p>	
25	<p>CATEGORY-IV (B): GENERAL PURPOSE – LT Note: (ii) The change of applicability shall be effected within three months from the date of issue of this order to the existing consumers who fit in the above definition. If the change of applicability is not effected within three months for any valid reason for all such consumers, change of classification shall be effected prospectively from the actual date of re-classification. (Chapter-X, Para 225 (1.4.2), Page No.199)</p>	<p>The change of applicability to the existing consumers who fit in the definition of Category-IV (B): General Purpose – LT are effected as per the directions of Hon’ble Commission.</p>
26	<p>Objection of Sri Anjaneya Sharma, Kurnool As the Regulation is specific with regard to the monetary limit for receiving cash payments, it is not possible for the Commission to direct the DISCOMs to receive cash payment in excess of the limit specified by the Regulation. The DISCOMs are directed to follow the above Regulation in its letter and spirit. If not, the objector may move the Commission for appropriate action. [Chapter-XII, Para 244(g), Page No.248]</p>	<p>The APEPDCL has been following the APERC (Electricity Supply Code) Regulation, 5 of 2004 clause 4.3.5 and Regulation 7 of 2013 (amendment to 5 of 2004) without any deviation.</p>
27	<p>Objections of Bharatiya Kisan Sangh and others – HVDS The DISCOMs’ response does not indicate that they have been taking approvals from the Commission for undertaking the conversion works. As per the Commission’s Guidelines for Investment Approval (February 2016), every licensee has to take the Commission’s approval for all the works whose value is above `5 Cr. The licensees are therefore directed to scrupulously follow these guidelines in future. [Chapter-XII, Para 244(h(iii)), Page No.250]</p>	<p>It is to submit that as per the Commission guide lines, all investment proposals above Rs 5 crs are being submitted to the APERC for Approval.</p>

S. No.	Directions given by Commission in FY2020-21	Action Taken in brief
28	<p>Provide booklets and create awareness on tariffs The Commission is of the view that awareness on the tariffs needs to be created not only in the staff of the licensees but also in the consumers. Therefore, small booklets containing tariff schedules and other relevant aspects useful for the consumers must be printed in vernacular language in adequate quantities and be made available in all the offices of the licensees for sale to the consumers on collecting reasonable cost. Such availability shall be properly publicized for the consumers to be aware of the same. This exercise shall be completed by both the DISCOMs within two months of publication of tariff order and submit compliance report to the Commission. [Chapter-XII, Para 244(i(vii)), Page No.254]</p>	<p>10,000 Nos pocket book lets in Telugu language are printed and distributed to the Consumers and also made available in the all the offices of the licensee for creating awareness on the Tariffs.</p>
29	<p>Extend 24 hrs. three phase supply in villages So far, the DISCOMs have not approached the Commission for approval of investment schemes for segregation of agriculture feeders. Prima facie such approvals are necessary. The Commission will examine this aspect and issue appropriate directions to the DISCOMs in this regard. [Chapter-XII, Para 244(j(ii)), Page No.255]</p>	<p>To segregate the agricultural services from the rural feeders. District wise DPR giving out feeder wise details of agriculture consumers arrived in APEPDCL for an amount of Rs.1311.11 Crs submitted to REC Ltd.,</p>
30	<p>Educate farmers on selling power The response of APEPDCL is inappropriate. Wherever the Solar pumpsets are connected to the grid, the licensee must create awareness in the farmers about their entitlement to sale surplus power. Action taken report in this regard shall be submitted by the licensee to the Commission within three months. [Chapter-XII, Para 244(j(v)), Page No.256]</p>	<p>APEPDCL creating awareness in the farmers about the entitlement of sale surplus power. 160 Nos. consumers are paid @ Rs.1.50/- per KWH towards energy exported to Grid.</p>
31	<p>Implementation of DSM measures is not taken seriously Implementation of DSM measures is not being taken seriously by DISCOMs and providing of new pump sets in place of old pump sets was also ignored. [Chapter-XII, Para 244(j(vi)), Page No.256]</p>	<p>So far 59,178 nos., agricultural services were inspected and awareness on DSM Measures was created to the farmers.</p>

S. No.	Directions given by Commission in FY2020-21	Action Taken in brief
32	<p>Indication of subsidy in CC bill & advertisements on back of CC bill</p> <p>Though the objector has not projected the correct facts regarding the tariff applicable to the consumers of below 500 units of power, his suggestion however to print the details of subsidy etc. is worth considering as this is in consonance with the second part of clause 4.2 s) of the Andhra Pradesh Electricity Regulatory Commission (Electricity Supply Code) Regulation, 2004, which reads as under: “s) Address / details of concerned local collection centers and electricity revenue offices of licensee with working hours where payment of electricity bill shall be made.</p> <p>Details of cost to serve for the category, Cross Subsidy & Government Subsidy per unit, slab wise, and information ---- may be printed on the reverse of the bill”. Both the DISCOMs are therefore directed to follow the above mentioned clause and submit compliance report to the Commission within three (3) months.</p> <p>[Chapter-XII, Para 244(r), Page No.259]</p>	<p>Category wise tariff details for the FY 2020-21, Collection centers, Government Subsidy and other relevant details as per the directions of Hon’ble APERC have been printed on back side of the CC bills and the same is being issued to consumers w.e.f. May-2020</p>
33	<p>Supply to Rural Industries</p> <p>The Commission will examine and follow the due procedure to process it, if any such proposal is received from the DISCOMs.</p> <p>[Chapter-XII, Para 244(s), Page No.260]</p>	<p>To segregate the agricultural services from the rural feeders. District wise DPR giving out feeder wise details of agriculture consumers arrived in APEPDCL for an amount of Rs.1311.11 Crs submitted to REC Ltd.,</p>

S. No.	Directions given by Commission in FY2020-21	Action Taken in brief
34	<p>Energy Efficient Appliances are not used in Govt. Offices & Energy Audits are not done</p> <p>Energy Conservation being one of the essential measures of improving internal efficiency of the licensees, the same shall be taken up on a war footing. As represented, by using LED appliances and other modern gadgets not only energy could be conserved, but also environment could be protected. The State Energy Conservation Mission should therefore take up all such measures as are necessary including conducting of education / awareness programs regularly in coordination with DISCOMs. On their part the DISCOMs shall take the necessary action to ensure deployment of modern appliances by all its consumers. They shall prepare a roadmap towards this end and submit the same before the Commission for its consideration within three months.</p> <p>[Chapter-XII, Para 244(t), Page No.261]</p>	<p>As per the GO Rt.No.89, dt.05.11.2020, Energy Conservation Cell was constituted as a Nodal agency at Corporate Office and Circle Office to co-ordinate with the CEO/APSECM for implementation of Energy Conservation and Energy Efficient activities. Accordingly the EC/EE activities will be taken up in co-ordination with the APSECM.</p>
35	<p>Issues which require action / attention of the DISCOMs</p> <p>The various grievances / suggestions of the objectors are largely respond to by the DISCOMs concerned. The DISCOMs shall prepare an action program for implementation of the assurances given by them on the various grievances expressed by the objectors and submit a report to this Commission within three months. Wherever the DISCOMs have not responded positively, the objectors may avail legal remedies such as approaching the CGRF and Vidyut Ombudsman.</p> <p>[Chapter-XII, Para 245(oo), Page No.276]</p>	<p>All grievances are addressed</p>

18 Subsidies

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

Description	FY 2019-20 EPDCL				FY 2020-21 As on date of Filing EPDCL			
	Opening Balance	Demand	Collection	Closing Balance	Opening Balance	Demand	Collection	Closing Balance
Tariff Subsidy (Agricultural & Domestic) (G.O.MS.No.17, Dt. 15-02-2019, G.O.RT.No.39, Dt. 14-03-2018, G.O.RT.No.75, Dt. 27-06-2018)	629.4	1286.59	1181.15	734.84	734.84	2813.44	538.27	3010.01
SC subsidy under JagjeevanJyothi Scheme (GORT No (SW) 143 dated 29.08.18 & G.O.MS.No.91, 24-07-2019)	29.47	99.57	58	71.04	71.04	82.44	0.00	153.48
ST subsidy under JagjeevanJyothi Scheme (GORT No (SW) 143 dated 29.08.18 & G.O.MS.No.94, Dt. 25-07-2019)	37.04	35.44	24.22	48.26	48.26	24.05	0.00	72.31
Incentives to aqua farmers (GORT No (Ene) 136 dated 10.10.18 & G.O.Rt.No.70, Dt. 2-7-2019)	145.94	355.52	168.23	333.23	333.23	223.55	136.25	420.53
Total (to be received from GoAP)	841.85	1777.12	1431.6	1187.37	1187.37	3143.48	674.52	3656.33

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

19 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 above ARR, Tariff Proposal along with Cross Subsidy Surcharge Applications of APEPDCL on record and treat it as complete;
- b. Grant suitable opportunity to APEPDCL within a reasonable time frame to file additional material information that may be subsequently available;
- c. Consider and approve APEPDCL'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.



RSF FORMATS

Company Name	APEPDCL
Filing Date (dd/mm/yy)	29/11/2020
Multi Year Tariff Period	FY2020-24
Year	FY2021-22
Commission' s Regulations	Reg-4/2005
Business type	Retail Supply of Electricity

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

Notes:

1)	Base Year	Base Year for the 4th control period FY20-24 is FY2018-19															
1)	FY 2019-20	Year 1 is the First Year of the control Period, FY2019-20															
	FY 2020-21	Year 2 is the Second Year of the control Period, FY2020-21															
	FY 2021-22	Year 3 is the Third Year of the control Period, FY2021-22															
	FY 2022-23	Year 4 is the Fourth Year of the control Period, FY2022-23															
	FY 2023-24	Year 5 is the Fifth year of the control Period, FY2023 -24															
2)	Filings 2021-22, Licensees shall provide Full projections for FY2021-22 Estimates for FY2020-21 Actuals for FY2019-20																
3)	Regulated Business: The retail supply of electricity to (i) consumers within the area of supply of the licensee and not eligible to avail Open Access as per Commission's Regulations (ii) consumers within the area of supply of the licensee and eligible to avail Open Access but not exercising their option of availing open access.																
	Non-regulated Business: The retail supply of electricity to consumers availing supply under open access from the licensee either forming the part of area of supply of the licensee or outside the area of supply of the licensee.																
4)	Direct Non-Tariff Income: Non-Tariff income which is directly identifiable with a consumer category.																
	Apportioned Non-Tariff Income: Non-Tariff income which is not directly identifiable with a consumer category. It shall be appropriately apportioned across various consumer categories.																
5)	New Categories The Licensees shall add the proposed categories in Form A, the new categories would be then updated automatically in other forms The new categories are segregated voltage-wise in Form A																
6)	Modification/addition of Slabs/sub categories for LT consumers should be carried out in Form 7 for Current Tariff and Form 12 for Proposed Tariff. See notes in the relevant form for details																
7)	Phasing of Open Access as per Regulation 2 of 2005 of APERC Eligibility Criteria for Open Access <table border="1" data-bbox="499 1019 1234 1174"> <thead> <tr> <th>Phase</th> <th>Eligibility criteria</th> <th>Commencement date</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Consumers availing of power from NCE developers irrespective of the quantum of contracted capacity</td> <td>September, 2005</td> </tr> <tr> <td>2</td> <td>Contracted capacity being greater than 5 MW</td> <td>September, 2005</td> </tr> <tr> <td>3</td> <td>Contracted capacity being greater than 2 MW</td> <td>September, 2006</td> </tr> <tr> <td>4</td> <td>Contracted capacity being greater than 1 MW</td> <td>April, 2008</td> </tr> </tbody> </table>		Phase	Eligibility criteria	Commencement date	1	Consumers availing of power from NCE developers irrespective of the quantum of contracted capacity	September, 2005	2	Contracted capacity being greater than 5 MW	September, 2005	3	Contracted capacity being greater than 2 MW	September, 2006	4	Contracted capacity being greater than 1 MW	April, 2008
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8)	Terminology for Open Access Status <table border="1" data-bbox="499 1227 1696 1471"> <tbody> <tr> <td>1</td> <td>Load not eligible for Open Access</td> <td>Load within the area of supply of the licensees not satisfying the eligibility criteria to avail open access as per Commission's Regulation during the time period under consideration.</td> </tr> <tr> <td>2</td> <td>Load Eligible for Open Access</td> <td>Load within the area of supply of the licensees and satisfying the eligibility criteria to avail open access as per Commission's Regulation during the period under consideration whether availing power through Open Access or not.</td> </tr> <tr> <td>3</td> <td>Availed (within area of supply)</td> <td>Load within the area of supply of the Licensee and availing power through Open Access whether from the same Licensee or any other supplier.</td> </tr> <tr> <td>4</td> <td>Availed (Outside Area of supply)</td> <td>Load outside the area of supply of the Licensee but availing power through Open Access from the Licensee under consideration.</td> </tr> </tbody> </table>		1	Load not eligible for Open Access	Load within the area of supply of the licensees not satisfying the eligibility criteria to avail open access as per Commission's Regulation during the time period under consideration.	2	Load Eligible for Open Access	Load within the area of supply of the licensees and satisfying the eligibility criteria to avail open access as per Commission's Regulation during the period under consideration whether availing power through Open Access or not.	3	Availed (within area of supply)	Load within the area of supply of the Licensee and availing power through Open Access whether from the same Licensee or any other supplier.	4	Availed (Outside Area of supply)	Load outside the area of supply of the Licensee but availing power through Open Access from the Licensee under consideration.			
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4	Availed (Outside Area of supply)	Load outside the area of supply of the Licensee but availing power through Open Access from the Licensee under consideration.															

Form 1 Aggregate Revenue Requirement for Retail Supply Business

Amount(In Rs crores)

Revenue Requirement Item (Rs. Crs.)	Details link	Amount(In Rs crores)					
		FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	
1	Transmission Cost	Form 1.1	538.68	718.86	862.65	0.00	0.00
2	SLDC Cost	Form 1.2	18.50	11.30	12.62	0.00	0.00
3	Distribution Cost	Form 1.3	2,048.59	2,091.00	2,549.00	0.00	0.00
4	PGCIL Expenses		533.94	518.20	537.01		
5	ULDC Charges		5.30	3.21	5.37		
6	Additional Interest on pension bonds (As approved in APGENCO MYT order)		339.11	389.52	405.11		
7	Network and SLDC Cost (1+2+3+4+5+6)		3,484.13	3,732.10	4,371.76	0.00	0.00
8	Power Purchase / Procurement Cost	Form 1.4	9,059.91	10,082.08	10,999.44	0.00	0.00
9	Interest on Consumer Security Deposits	Form 1.5	95.39	127.25	144.73	0.00	0.00
10	Supply Margin in Retail Supply Business	Form 1.6	0.00	14.87	20.87	0.00	0.00
11	Other Costs, if any	Form 1.7	639.19	66.75	103.04	0.00	0.00
12	Supply Cost (8+9+10+11)		9,794.49	10,290.94	11,268.08	0.00	0.00
13	Aggregate Revenue Requirement (7+12)		13,278.62	14,023.04	15,639.84	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.

Form 1.1

Transmission Cost

Transmission Cost to be segregated between Load not eligible for Open Access, Load eligible for Open Access, Load within the area of supply and availing power under Open Access as per Section 42 and 49 of E ACT.(Refer to Notes for the relevant definitions.)
1) Loads Eligible for Open Access is as per Section 8.1 of Regulation 2 of 2005 of APERC See Notes Sheet for Phasing of Open Access in the state of Andhra Pradesh.
2) Provide PGCIL and ULDC charges directly in Form 1.

Base Year

(A) Long Term and Firm Contracts

Name of Transmission service provider	Load not eligible for Open Access			Open Access								
				Load Eligible for Open Access			Availed (within area of supply)			Availed (Outside Area of supply)		
	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)
APTRANSCO	3595.94	94.44	407.52	679.81	94.44	77.04						
APTRANSCO Diff Transmission Charges(11.06.2017 to 31.01.2018)			-2.08									
APTRANSCO Differential Tr.Charges credit			-92.60									
Total	3595.94		312.85	679.81		77.04	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))	3595.94		312.85	679.81		77.04	0.00		0.00	0.00		0.00

FY 2019-20

Year 1

(A) Long Term and Firm Contracts

Name of Transmission service provider	Load not eligible for Open Access			Open Access								
				Load Eligible for Open Access			Availed (within area of supply)			Availed (Outside Area of supply)		
	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)
APTRANSCO	3,088.20	119.28	442.03	703.80	119.28	100.74						
Differential Transmission Charges			-4.09									
Total	3088.20		437.94			100.74	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))	3088.20		437.94	0.00		100.74	0.00		0.00	0.00		0.00

FY 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	3539.26	138.88	589.84	774.18	138.88	129.02						
Total	3539.26		589.84	774.18		129.02	0.00			0.00	0.00	0.00

(B) Short Term and Temporary Contracts

Name of Transmission service provider	Load not eligible for Open Access			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))	3539.26		589.84	774.18		129.02	0.00			0.00	0.00	0.00

FY 2021-22

Year 3

(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	3800.13	154.54	704.73	851.60	154.54	157.93						
Total	3800.13		704.73	851.60		157.93	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))	3800.13		704.73	851.60		157.93	0.00			0.00	0.00	0.00

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

Loads Eligible for Open Access is as per Section 8.1 of Regulation 2 of 2005 of APERC
See Notes Sheet for Phasing of Open Access in the state of Andhra Pradesh.

Base Year

	Annual Fee			Charges			Total Cost (Rs. Crs.)	Remarks
	MW	Tariff (Rs./MW/year)	Cost (Rs. Crs.)	MW	Tariff (Rs./MW/ month)	Cost (Rs. Crs.)		
Load not eligible for Open Access	3595.94	4214.27	1.515	3595.94	2342.73	10.11	11.6246	
Open Access								
Load Eligible for Open Access	679.81	4214.27	0.286	679.81	2342.73	1.91	2.1976	
Availed (within area of supply)			0.00			0.00	0.00	
Availed (Outside Area of supply)			0.00				0.00	
AP Transco SLDC Diff.Claim 17-18							11.09	

FY 2019-20

	Annual Fee			Charges			Total Cost (Rs. Crs.)	Remarks
	MW	Tariff (Rs./MW/year)	Cost (Rs. Crs.)	MW	Tariff (Rs./MW/ month)	Cost (Rs. Crs.)		
Load not eligible for Open Access	5980.33	1917.48	1.15	5980.33	2146.34	15.40	16.55	
Open Access								
Load Eligible for Open Access	703.80	1917.48	0.13	703.80	2146.34	1.81	1.95	
Availed (within area of supply)			0.00			0.00	0.00	
Availed (Outside Area of supply)			0.00			0.00	0.00	

FY 2020-21

	Annual Fee			Charges			Total Cost (Rs. Crs.)	Remarks
	MW	Tariff (Rs./MW/year)	Cost (Rs. Crs.)	MW	Tariff (Rs./MW/ month)	Cost (Rs. Crs.)		
Load not eligible for Open Access	3327.82	2838.01	0.94	3327.82	2058.18	8.22	9.16	
Open Access								
Load Eligible for Open Access	774.18	2838.01	0.22	774.18	2058.18	1.91	2.13	
Availed (within area of supply)			0.00			0.00	0.00	
Availed (Outside Area of supply)			0.00			0.00	0.00	

FY 2021-22

	Annual Fee			Charges			Total Cost (Rs. Crs.)	Remarks
	MW	Tariff (Rs./MW/year)	Cost (Rs. Crs.)	MW	Tariff (Rs./MW/ month)	Cost (Rs. Crs.)		
Load not eligible for Open Access	3526.40	3792.02	1.34	3526.40	2086.32	8.83	10.17	
Open Access								
Load Eligible for Open Access	851.60	3792.02	0.32	851.60	2086.32	2.13	2.45	
Availed (within area of supply)			0.00			0.00	0.00	
Availed (Outside Area of supply)			0.00			0.00	0.00	

Form 1.3

Distribution Cost

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

Loads Eligible for Open Access is as per Section 8.1 of Regulation 2 of 2005 of APERC
See Notes Sheet for Phasing of Open Access in the state of Andhra Pradesh.

Base Year

(A) Long Term and Firm Contracts

Name of Distribution service provider	Load not eligible for Open Access			Open Access									Remarks
				Load Eligible for Open Access			Availed (within area of supply)			Availed (Outside Area of supply)			
	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	
EPDCL (33 KV)				568.26	12.22	8.33			0.00				
EPDCL (11 KV)				111.55	279.50	37.41			0.00				
EPDCL LT									0.00				
Total (Non Eligible OA Cost)	3595.94		1726.50										
Total	3595.94		1726.50	679.81		45.75	0.00		0.00	0.00		0.00	

(B) Short Term and Temporary Contracts

Name of Distribution service provider	Load not eligible for Open Access			Open Access									Remarks
				Load Eligible for Open Access			Availed (within area of supply)			Availed (Outside Area of supply)			
	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	
Total	0.00		0.00	0.00		0.00	0.00		0.00	0.00		0.00	
Total Long term + Short term Contracts ((A) + (B))	3595.94		1726.50	679.81		45.75	0.00		0.00	0.00		0.00	

FY 2019-20

(A) Long Term and Firm Contracts

Name of Distribution service provider	Load not eligible for Open Access			Open Access									Remarks
				Load Eligible for Open Access			Availed (within area of supply)			Availed (Outside Area of supply)			
	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	
EPDCL (33 KV)	85.32			591.68	45.24	32.12							
EPDCL (11 KV)	824.88			112.12	349.71	47.05							
EPDCL LT	1952.00												
Total (Non Eligible OA Cost)	2862.20		1735.83										
Additional expenditure			233.59										
Total	2862.20		1969.42	703.80		79.17	0.00		0.00	0.00		0.00	

(B) Short Term and Temporary Contracts

Name of Distribution service provider	Load not eligible for Open Access			Open Access									Remarks
				Load Eligible for Open Access			Availed (within area of supply)			Availed (Outside Area of supply)			
	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	MW	Tariff (Rs./kW/month)	Cost (Rs. Crs.)	
Total	0.00		0.00	0.00		0.00	0.00		0.00	0.00		0.00	
Total Long term + Short term Contracts ((A) + (B))	2862.20		1969.42	703.80		79.17	0.00		0.00	0.00		0.00	

FY 2020-21

(A) Long Term and Firm Contracts

Name of Distribution service provider	Load not eligible for Open Access			Open Access									Remarks
				Load Eligible for Open Access			Availed (within area of supply)			Availed (Outside Area of			
	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.)	
EPDCL (33 KV)	100.15			650.85	48.38	37.79							
EPDCL (11 KV)	894.67			123.33	375.94	55.64							
EPDCL LT	2076.00												
Total (Non Eligible OA Cost)	3070.82		1997.58										
Total	3070.82		1997.58	774.18		93.42	0.00		0.00	0.00		0.00	

(B) Short Term and Temporary Contracts

Name of Distribution service provider	Load not eligible for Open Access			Open Access									Remarks
				Load Eligible for Open Access			Availed (within area of supply)			Availed (Outside Area of			
	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))	3070.82		1997.58	774.18		93.42	0.00		0.00	0.00		0.00	

FY 2021-22

(A) Long Term and Firm Contracts

Name of Distribution service provider	Load not eligible for Open Access			Open Access									Remarks
				Load Eligible for Open Access			Availed (within area of supply)			Availed (Outside Area of			
	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.)	
EPDCL (33 KV)	117.07			715.93	54.73	47.02							
EPDCL (11 KV)	971.34			135.66	427.50	69.60							
EPDCL LT	2208.00												
Total (Non Eligible OA Cost)	3296.40		2432.38										
Total	3296.40		2432.38	851.60		116.62	0.00		0.00	0.00		0.00	

(B) Short Term and Temporary Contracts

Name of Distribution service provider	Load not eligible for Open Access			Open Access									Remarks
				Load Eligible for Open Access			Availed (within area of supply)			Availed (Outside Area of			
	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		2549.00	
Total Long term + Short term Contracts ((A) + (B))	3296.40		2432.38	851.60		116.62	0.00		0.00	0.00		2549.00	

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	Income Tax	Others	Total	Fixed	Incentives	Income Tax	Others	Variable	Total	
MARKET														0.00	0.00	0.00	0.00	0.00	0.00	
Indian Energy Exchange Ltd (Short Term Purchases (Trading)/EX/PXIL)						812.51	812.51	0.00	275.98				275.98	0.00	0.00	0.00	0.00	0.00	3.40	3.40
Indian Energy Exchange Ltd-STOA charges						0.00	0.00	0.00	44.86				44.86	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Short Term Purchases (Only Swapping)						0.00	0.00	0.00	0.00				0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mittal Processors Pvt.Ltd (Swapping)-Trading Margin						40.30	40.30	0.00	0.12				0.12	0.00	0.00	0.00	0.00	0.00	0.03	0.03
Mittal Processors Pvt.Ltd (Swapping)-STOA Charges						0.00	0.00	0.00	7.28				7.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GMR Energy Trading (SWAAPING)-Trading Margin						24.67	24.67	0.00	0.07				0.07	0.00	0.00	0.00	0.00	0.00	0.03	0.03
GMR Energy Trading (SWAAPING) -STOA charges						0.00	0.00	0.00	12.40				12.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Arunachal Pradesh Power Corporation (Swapping)-Trading Margin						53.64	53.64	0.00	0.15				0.15	0.00	0.00	0.00	0.00	0.00	0.03	0.03
Arunachal Pradesh Power Corporation (Swapping) STOA Charges						0.00	0.00	0.00	8.92				8.92	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Manikaran Power Trading (SWAAPING)-Trading Margin						6.17	6.17	0.00	0.18				0.18	0.00	0.00	0.00	0.00	0.00	0.29	0.29
Manikaran Power Trading (SWAAPING) -STOA charges						0.00	0.00	0.00	8.28				8.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NVNL-STOA charges on Sale of Power						0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PTC India Ltd (STOA on sale of power)						0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PTC India Ltd (Swapping)-Trading Margin						0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PTC POC bills(Revision of MTOA Charges)						0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sarda Metals						0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Power Exchange India-PXIL(Energy Charges)						243.67	243.67	0.00	89.71				89.71	0.00	0.00	0.00	0.00	0.00	3.68	3.68
Power Exchange India-PXIL(STOA Charges)						0.00	0.00	0.00	13.70				13.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00
shri Girija 26MW trading						0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PTC India trading Ltd trading						0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sembcorp Gayatri Power Limited(STOA Charges)						0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sembcorp Gayatri Power Limited Trading Energy						0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Discom to Discom IBSS/FBSS settlements						0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NHPC LIMITED (Trading)						106.70	106.70	0.00	43.22				43.22	0.00	0.00	0.00	0.00	0.00	4.05	4.05
swapping Return						-1129.29	-1129.29	0.00	(422.47)				(422.47)	0.00	0.00	0.00	0.00	0.00	3.74	3.74
EPDCL IBSS Adjustment for 2019-20(Purchase from SPDCL)						4854.88	4854.88	0.00	2,058.47				2,058.47	0.00	0.00	0.00	0.00	0.00	4.24	4.24
POSOCO-Deviation Charges (CGS UI charges)						8.63	8.63	0.00	13.27				13.27	0.00	0.00	0.00	0.00	0.00	15.38	15.38
POSOCO Reactive charges						0.00	0.00	0.00	3.71				3.71	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL MARKET						5021.88	5021.88	0.00	2157.87	0.00	0.00	0.00	2157.87	0.00	0.00	0.00	0.00	0.00	4.30	4.30
													0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL (From All Sources)						22854.272	22854.27	1433.14	7626.77	0	0	0	9059.91	0.63	0.00	0.00	0.00	0.00	3.34	3.96

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

Form 1.4a (FY 2019-20)

Power Purchase and Procurement Cost (For Non-regulated Business⁶)

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	Income Tax	Others	Total	Fixed	Incentives	Income Tax	Others	Variable	Total		
AP GENCO Thermal																					
VTPS I																					
VTPS II																					
VTPS III																					
VTPS IV																					
RTPP I																					
RTPP Stage-II																					
RTPP Stage-III																					
Damodaram Sanjeevaiah Thermal power plant - I																					
Damodaram Sanjeevaiah Thermal power plant - II																					
RTPP IV																					
Interest on pension bonds (Over and above schedule)																					
GENCO RTPP Stage-IV Suppl FC for 2019-20																					
GENCO RTPP Stage-IV Suppl FC AND VC for 2018-19																					
less: APPDCL Differential FC and VC Claims from 2018-19																					
TOTAL THERMAL																					
AP GENCO Hydel																					
MACHKUND PH AP Share																					
TUNGBHADRA PH AP Share																					
Upper Sileru Power House (AP)																					
Lower Sileru Power House (AP)																					
DONKARAYI (AP)																					
Srisaillam Right Bank Power House (AP)																					
Ramagiri Wind Mills (AP)																					
Nagarjunasagar Right Bank Power House (AP)																					
Penna Ahobilam (AP)																					
MINI HYDEL(Chettipeta)-AP																					
Nagarjunasagar Tail Pond Dam Power House																					
TOTAL HYDRO			0		0		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL GENCO																					
Central Generating Stations																					
NTPC																					
NTPC (SR)																					
NTPC (SR)-Ramagundam Stage1&2																					
NTPC (SR)-Ramagundam Stage 3																					
Total NTPC(SR)																					
NTPC (ER)																					
Farakka																					
Kahalgao																					
Talcher - Stage 1																					
Talcher Stage 2																					
Others																					
Total NTPC(ER)																					
NTPC (WR)																					
NTPC WR																					
Total NTPC(WR)																					