



BRIEF NOTE ON PROPOSED ARR & FPT for FY 2024-25

Energy Sales for FY 2024-25(MU)	29854.06
Power Purchase Requirement (MU)	32945.65
Power Purchase Cost (Rs. Crs) (@Rs. 4.6939 per unit)	15,464.22
Network & SLDC Cost (Rs. Crs)	4,859.10
i) Transmission Cost (Rs. Crs)	1338.56
ii) SLDC Cost (Rs. Crs)	31.66
iii) Distribution Cost (Rs. Crs)	2,862.77
iv) PGCIL Expenses (Rs. Crs)	624.80
v) ULDC Charges (Rs. Crs)	1.32
Interest on Consumer Security Deposits (Rs. Crs)	195.34
Supply Margin in Retail Supply Business (Rs. Crs)	19.24
Other Costs, if any (Rs. Crs)	90.24
Additional Interest on pension bonds	533.726
Aggregate Revenue Requirement (Rs. Crs)	21,161.86
Revenue at Current Tariffs (17331.89) + NTI (432.56) (Rs. Crs)	17764.45
Revenue from Cross Subsidy Surcharge (Rs. Crs) & Grid Support Charges	89.71
Revenue Gap @ current tariffs (Rs. Crs)	3307.70
Revenue Through Proposed Tariff (Rs. Crs)	100.44
Revenue Gap @ Proposed Tariff	3207.26
Average Cost of Supply (Rs/unit)	7.09
Average Power Purchase Cost (Rs/ unit)	4.6939

Retail Supply Tariff Proposals for FY 2024-25:

It is proposed to continue existing Retail Supply tariff schedule for the ensuing financial Year 2024-25 with the following minor changes

i. Proposal on HT-II(C) Electric Vehicles/ Charging stations :

- Presently Tariff is Rs. 6.70 per Unit with 10% discount for station maintenance.
- It is proposed to link the tariff to the cost of service of the relevant voltage.
- No concession for station maintenance.

ii. Proposal on HT-III(C) Energy Intensive Industries : Creation of separate sub category in HT III(C) - Energy Intensive Industries for solar PV module manufacturing industry allocated under PLI

Government of Andhra Pradesh (GoAP) vide G.O.Ms.No.112 dated 09.11.2023, issued orders for creation of separate sub-category under HT - III (C) for vertically integrated PV Solar modules manufacturing facilities allocated under Production Linked Incentive (PLI) Scheme. The statement from the G.O.Ms.No.112 is reproduced in verbatim:

“B. Non-Fiscal incentives – Power related

1. Energy department shall take steps for creating of separate sub-category under HT III (C) for power tariff to vertical integrated PV Solar modules manufacturing allocated under PLI.”

Vide G.O.Ms.No.66 dated 15.09.2022, GoAP has directed to extend power incentives to vertically integrated PV Solar modules manufacturing facilities allocated under PLI at a fixed tariff of Rs. 4.00 per unit from the commencement of production, on the power consumed from DISCOMs. This fixed tariff includes demand charges, energy charges, and Time of Day (ToD) charges.

In this regard, Distribution Licensee humbly requests the Hon’ble Commission to kindly consider and create a sub-category under HT – III (C) for Energy Intensive Industries specifically to vertically integrated PV Solar modules manufacturing industries allocated under PLI scheme.

Category HT - III (C) (b): Energy Intensive Industries – Vertically integrated PV Solar modules manufacturing industries allocated under Production Linked Incentive (PLI) Scheme

Applicability:

This tariff is applicable to vertically integrated PV Solar modules manufacturing facilities allocated under PLI or such projects/industries that have been allocated power/tariff related incentives by GoAP under HT- III (C)(b)

Voltage of Supply	Demand Charges (Rs. /kVA/month)	Energy Charges (Rs. /kVAh)	ToD Charges (Rs. /kVAh)
400/220 kV and below	0	4.00 for first 7 years and Rs.4.50/unit for the next eight years	Nil

iii. Proposal on HT-IV(D) Railway Traction :**Railway Traction Tariff Trajectory**

Financial Year	Approved Tariff	
	Energy charges (Rs/Unit)	Fixed / Demand charges (Rs/kVA/Month)
2016-17	6.68	
2017-18	3.55	300
2018-19	3.55	300
2019-20	3.75	350
2020-21	5.50	350
2021-22	5.50	350
2022-23	5.50	350
2023-24	5.50	350

- The existing Tariff is prevailed since last four years. But the Cost of service has been increased by 40 %.
- To cover the annual inflation of around 4.5 % at least, the tariff can be hiked by Rs. 1 per unit.
- Additional impact of Revenue is around Rs. 100.24 Crs.

Green Energy Tariff :

- Last year Commission decided Green Energy Tariff Premium of Rs. 0.75 per Unit for all the consumer categories intend to buy Green Power.
- It is proposed to enhance the same to Rs. 1.0 per unit in line with price of Renewable Energy Certificate (REC) in the exchange.
- Since consumer under any category is entitled for Green Power by paying premium over & above his regular tariff, separate sub category of Green Power is redundant and will be removed.

Other Proposals:

- i. The additional load may be arrived based on the RMD instead of the sanctioned contracted load for all categories except Agriculture.
- ii. The Licensee filed a petition before Hon'ble APERC Vide Lr.No.CGM/RA&PP/EPDCL/D.No.134, dt:25.11.2023, seeking approval of the Hon'ble Commission towards prepaid smart meters procedure along with tariff determination to be followed by DISCOMs may please be consider.

Retail Supply Tariff Proposals for FY 2024-25 :

Category	Group	Sub-Category	Fixed/ Demand Charges (Rs/KW/Month or Rs/KVA/Month)	Proposed Energy Charges (Rs./Unit)	Full Cost Recovery Energy charges as per the directions of GoAP (Rs./unit)
LT Power Supply					
I - Domestic	A	0-30	10	1.90	3.91
I - Domestic	A	31-75	10	3.00	4.57
I - Domestic	A	76-125	10	4.50	4.91
I - Domestic	A	126-225	10	6.00	6.00
I - Domestic	A	226-400	10	8.75	8.75
I - Domestic	A	>400	10	9.75	9.75
II - Commercial	A (i)	0-50	75	5.40	5.40
II - Commercial	A (i)	51-100		7.65	7.65
II - Commercial	A (i)	101-300		9.05	9.05
II - Commercial	A (i)	301-500		9.60	9.60
II - Commercial	A (i)	Above 500 Units		10.15	10.15
II - Commercial	A (ii)	Advertising Hoardings	100	12.25	12.25
II - Commercial	A (iii)	Function halls / Auditoriums	-	12.25	12.25
II - Commercial	B	Startup Power	-	12.25	12.25
II - Commercial	C	Electric Vehicles / Charging Stations	-	6.70	6.70
II - Commercial	D	Green Power	-	12.25	12.25
III - Industry	A	Industry (General)	75	6.70	6.70
III - Industry	B	Seasonal Industries (Off-Season)	75	7.45	7.45
III - Industry	D	Cottage Industries upto 10 HP *	20	3.75	3.75
IV - Institutional	A	Utilities	75	7.00	7.00
IV - Institutional	B	General Purpose	75	7.00	7.00
IV - Institutional	C (i)	Religious Places	30	3.85	3.85
IV - Institutional	C (ii)	Religious Places	30	5.00	5.00
V- Agriculture	A (i)	Corporate farmers	-	3.50	7.08
V- Agriculture	A (ii)	Non-Corporate farmers	-		7.34
V- Agriculture	A (iii)	Salt farming units up to 15 HP	-	2.50	7.20
V- Agriculture	A (iv)	Sugarcane crushing	-		7.33
V- Agriculture	A (v)	Rural Horticulture Nurseries	-		7.34
V- Agriculture	A (vi)	Floriculture in Green House	75	4.50	6.79
V- Agriculture	B	Aquaculture and Animal Husbandry	30	3.85	7.00
V- Agriculture	D	Agro based Cottage Industries up to 10HP	20	3.75	7.10
V- Agriculture	E	Government / Private Lift Irrigation Schemes	-	6.40	6.40

HT Power Supply											
Category	Group	Sub-Category		Proposed Energy Charges (Rs./unit)				Full Cost Recovery Energy charges as per the directions of GoAP (Rs./unit)			
				11 kV	33 kV	132 kV	220 kV	11 kV	33 kV	132 kV	220 kV
I - Domestic	B	Township, Colonies, Gated Communities and Villas	75	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00
II - Commercial	A (i)	Commercial	475	7.65	6.95	6.70	6.65	7.65	6.95	6.70	6.65
II - Commercial		Time of Day Tariff (TOD)-Peak (6 PM to 10 PM)		8.65	7.95	7.70	7.65	8.65	7.95	7.70	7.65
II - Commercial	A (iii)	Function halls / Auditoriums	-	12.25	12.25	12.25	12.25	12.25	12.25	12.25	12.25
II - Commercial	B	Startup Power	-	12.25	12.25	12.25	12.25	12.25	12.25	12.25	12.25
II - Commercial	C	Electric Vehicles / Charging Stations	-	6.70	6.70	6.70	6.70	6.70	6.70	6.70	6.70
II - Commercial	D	Green Power	-	12.25	12.25	12.25	12.25	12.25	12.25	12.25	12.25
III - Industry	A	Industry (General)	475	-	-	-	-	-	-	-	-
III - Industry		Time of Day Tariff (TOD) (High Grid Demand) (Feb'25, Mar'25), (Apr'24-May'24) & (Sep'24-Oct'24)									
III - Industry		Peak (06-10) & (18-22)		7.80	7.35	6.90	6.85	7.80	7.35	6.90	6.85
III - Industry		Off-Peak (10-15) & (00-06)		5.55	5.10	4.65	4.60	5.55	5.10	4.65	4.60
III - Industry		Normal (15-18) & (22-24)		6.30	5.85	5.40	5.35	6.30	5.85	5.40	5.35
III - Industry		Time of Day Tariff (TOD) (Low Grid Demand) (Jun'24-Aug'24) & (Nov'24-Jan'25)									
III - Industry		Peak (06-10) & (18-22)		7.30	6.85	6.40	6.35	7.30	6.85	6.40	6.35
III - Industry		Off-Peak (10-15) & (00-06)		5.55	5.10	4.65	4.60	5.55	5.10	4.65	4.60
III - Industry		Normal (15-18) & (22-24)		6.30	5.85	5.40	5.35	6.30	5.85	5.40	5.35
III - Industry		Industrial Colonies		-	7.00	7.00	7.00	7.00	7.00	7.00	7.00
III - Industry	B	Seasonal Industries (Off-Season)	475	7.65	6.95	6.70	6.65	7.65	6.95	6.70	6.65
III - Industry	C (a)	Energy Intensive Industries	475	5.80	5.35	4.95	4.90	5.80	5.35	4.95	4.90
III - Industry	C (b)	Energy Intensive Industries		4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00
IV - Institutional	A	Utilities	475	7.65	6.95	6.70	6.65	7.65	6.95	6.70	6.65
IV - Institutional	B	General Purpose	475	7.95	7.25	7.00	6.95	7.95	7.25	7.00	6.95
IV - Institutional	C	Religious Places	30	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
IV - Institutional	D	Railway Traction	350	6.50	6.50	6.50	6.50	6.50	6.50	6.50	6.50
V - Agriculture	B	Aquaculture and Animal Husbandry	30	3.85	3.85	3.85	3.85	3.85	3.85	3.85	3.85
V - Agriculture	E	Government / Private Lift Irrigation Schemes	-	7.15	7.15	7.15	7.15	7.15	7.15	7.15	7.15

Revenue Impact

The overall revenue gain due to above Tariff Proposal is Rs. 100.44 Crores with an overall impact of 0.58 % 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	3642.61	3642.61	0.00	26.01	26.01	0.00	3668.62	3668.62	0.00	0.00
II- Commercial & Non Domestic	1510.77	1510.77	0.00	1094.52	1094.72	0.19	2605.29	2605.48	0.19	0.01
III-Industrial	399.07	399.07	0.00	8226.69	8226.69	0.00	8625.76	8625.76	0.00	0.00
IV-Institutional	376.30	376.30	0.00	852.29	952.53	100.24	1228.58	1328.83	100.24	8.16
V-Agriculture & Related	963.83	963.83	0.00	239.81	239.81	0.00	1203.65	1203.65	0.00	0.00
TOTAL	6892.58	6892.58	0.00	10439.32	10539.75	100.44	17331.89	17432.33	100.44	0.58