

**CHAPTER – X**  
**RETAIL SUPPLY TARIFF SCHEDULE**

**Communication to Government of Andhra Pradesh**

169. The Commission has informed the Government of Andhra Pradesh (GoAP) on 28.02.2024 with regard to requirement of external subsidy of Rs.13,589.18 Cr (APSPDCL – Rs.9,917.60 Cr., APCPDCL – Rs.2,298.75 Cr. and APEPDCL - Rs.1,372.83 Cr.) for FY2024-25 towards subsidy to “Category I (A): Domestic – LT” and “Category V: Agriculture – LT” and concessions extended to various classes of the consumers for all the three licensees, to maintain the rates as mentioned in the “Reference Tariff Schedule (RTS) for FY2024-25” with all relevant calculations including the details of “Full Cost Recovery Tariff Schedule for FY2024-25.”

**Provision of Subsidy by Government of Andhra Pradesh**

170. In response to the Commission’s letter dated: **28.02.24**, the Government of Andhra Pradesh has communicated vide letter No. 2373811/ENE01-APERCOMISC/3/2024-POWER-III, Dated:04-03-2024 (Annexure-15), that it undertakes to provide subsidy amounts determined by the Commission under Section 65 of Electricity Act, 2003. Therefore, out of the total subsidy amount of Rs.13,589.18 Cr. agreed to be provided by the State Government, the APSPDCL shall get Rs.9,917.60 Cr., APCPDCL shall get Rs.2,298.75 Cr and APEPDCL shall get Rs.1,372.83.

171. The Commission, in accordance with the decisions enumerated in earlier chapters and in view of the of GoAP undertaking to provide subsidy, hereby determines the Tariff for Retail Sale of Electricity with the terms and conditions applicable with effect from 01-04-2024 to 31-03-2025 in respect of the three distribution licensees (APSPDCL, APCPDCL & APEPDCL including the areas of RESCOs which are directed to be taken over by the respective DISCOMs) in the State of Andhra Pradesh, as under:

**Table 77: TARIFF FOR RETAIL SALE OF ELECTRICITY DURING FY2024-25****(Applicable with effect from 01.04.2024 to 31.03.2025 in respect of three Distribution licensees, APSPDCL, APCPDCL and APEPDCL in the State of Andhra Pradesh)**

Category	Consumer Category	LT SUPPLY		↔	HT SUPPLY							
		Fixed / Demand Charges per month (Rs./HP or kW)	Energy Charges (Rs./Unit)		Billing Unit	Fixed / Demand Charges per month (Rs./kVA)	Energy Charges (Rs./Unit)					
				11 kV			33 kV	132 kV	220 kV			
<b>I</b>	<b>DOMESTIC</b>											
	(A) : Domestic (Telescopic)											
	0-30	10	1.90	kWh	-	-	-	-	-			
	31-75	10	3.00	kWh	-	-	-	-	-			
	76-125	10	4.50	kWh	-	-	-	-	-			
	126-225	10	6.00	kWh	-	-	-	-	-			
	226-400	10	8.75	kWh	-	-	-	-	-			
	>400	10	9.75	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 consumption between 10 AM to 12 Noon.											
	(B) : Townships, Colonies, Gated Communities and Villas	-	-	kVAh	75	7.00	7.00	7.00	7.00			
<b>II</b>	<b>COMMERCIAL &amp; OTHERS</b>											
	A (i) : Commercial											
	0-50	75/kW	5.40	kWh/kVAh	475	7.65	6.95	6.70	6.65			
	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
	(ii) Advertising Hoardings	100	12.25	kWh/kVAh	-	-	-	-	-			
	(iii) Function halls / Auditoriums	-	12.25	kWh/kVAh	-	12.25	12.25	12.25	12.25			
	(B):Startup power	-	12.25	kWh/kVAh	-	12.25	12.25	12.25	12.25			
	(C):Electric Vehicles/Charging Stations	-	6.70	kWh/kVAh	-	6.70	6.70	6.70	6.70			
	(D) : Green Power	-	12.25	kWh/kVAh	-	12.25	12.25	12.25	12.25			
<b>III</b>	<b>INDUSTRY</b>											
	(A) : Industry (General)	75/kW	6.70	kWh/kVAh	475	-	-	-	-			
	Time of Day tariff (TOD) (High Grid Demand) (Feb'25, Mar'25), (Apr'24- May'24) & (Sep'24-Oct'24)											
	Peak (06-10 ) & (18-22)	-	-							7.80	7.35	6.90

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 (Rs./Unit)			
						11 kV	33 kV	132 kV	220 kV
	Off-Peak (10 -15) & (00-06)	-	-		5.55	5.1	4.65	4.60	
	Normal (15-18) & (22-24)	-	-		6.30	5.85	5.40	5.35	
	Time of Day tariff (TOD) (Low Grid Demand) (Jun'24-Aug'24) & (Nov'24-Jan'25)								
	Peak (06-10 ) & (18-22)	-	-		7.30	6.85	6.40	6.35	
	Off-Peak (10 -15) & (00-06)	-	-		5.55	5.10	4.65	4.60	
	Normal (15-18) & (22-24)	-	-		6.30	5.85	5.40	5.35	
	Industrial Colonies	-	-	kWh/kVAh	-	7.00	7.00	7.00	7.00
	(B) : Seasonal Industries (off-season)	75/kW	7.45	kWh/kVAh	475	7.65	6.95	6.70	6.65
	(C) : Energy Intensive Industries	-	-	kWh/kVAh	475	5.80	5.35	4.95	4.90
	(D) : Cottage Industries up to 10HP *	20/kW	3.75	kWh	-	-	-	-	-
* - Dhobighats shall be extended free power supply as per G.O.Rt.No.75, dt. 27-06-2018									
<b>IV</b>	<b>INSTITUTIONAL</b>								
	(A) : Utilities (Street Lighting, NTR Sujala Pathakam, CPWS and PWS)	75/kW	7.00	kWh/kVAh	475	7.65	6.95	6.70	6.65
	(B) : General Purpose	75/kW	7.00	kWh/kVAh	475	7.95	7.25	7.00	6.95
	(C) : Religious Places	30/kW	5.00	kWh/kVAh	30	5.00	5.00	5.00	5.00
	(D) : Railway Traction	-	-	kVAh	350	6.50	6.50	6.50	6.50
<b>V</b>	<b>AGRICULTURE &amp; RELATED</b>								
	(A) : Agriculture								
	(i) Corporate farmers	-	3.50	kWh	-	-	-	-	-
	(ii) Non-Corporate farmers	-	-	-	-	-	-	-	-
	(iii) Salt farming units up to 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	3.85
	(D) : Agro Based Cottage Industries up to 10 HP	20/kW	3.75	kWh	-	-	-	-	-
	(E) : Government / Private Lift Irrigation Schemes	-	6.40	kVAh	-	7.15	7.15	7.15	7.15
Note:	(i) Temporary Supply: There is no separate category for temporary supply. However, Temporary supply can be released against each category with respective terms and conditions applicable and it shall be billed at the rate and other conditions specified in this order.								
	(ii) Categories not defined in either HT-Supply or LT-Supply shall be billed at the rates specified in Category - II (A) (i) Commercial								

## **TERMS AND CONDITIONS**

**(Applicable with effect from 01-04-2024 to 31-3-2025 in respect of the three Distribution Licensees in the State of Andhra Pradesh)**

The Tariffs determined in PART 'A' and PART 'B' below are subject to the following general conditions.

The Tariffs are exclusive of Electricity Duty payable as per the provisions of AP Electricity Duty Act, 1939, Fuel and Power Purchase Cost Adjustment (FPPCA) determined by the Commission and True-up/True-down and any other order which may stipulate any other recovery from the Consumers.

### **PART 'A'**

#### **LOW TENSION (LT) SUPPLY**

#### **1. LT TARIFFS – TERMS AND CONDITIONS**

- i. **System of Supply:** Low Tension A.C., 50 Cycles, Three Phase Supply at 415 Volts and Single-Phase supply at 240 Volts.
- ii. These tariffs are applicable for supply of Electricity to LT consumers with a connected load of 75kW/100 HP and below. However, All Industrial Category consumers are permitted up to 150 HP in LT Supply as per their option, by paying the prescribed tariff.

Whenever kVAh tariff is applicable, fixed charges shall be computed based on the recorded kVA or connected load whichever is higher. In all such cases the tariff indicated as Rs./kW will be applied as Rs./kVA. As and when a consumer is billed on kVAh basis no capacitor surcharge shall be levied. **All the consumers shall be billed based on kVAh except "Category-I: Domestic", "single phase services of any category", farmers in "Category-V: Agriculture & Related", and "Cottage industries and Flourmills up to 10HP"**

- iii. Supply shall be extended on single phase for a connected load up to 5 kW only.
- iv. The Licensees shall have the right to correct the category of supply of energy to any premises to an appropriate category of LT Tariff, in the event of any error or mistake in extending the supply to such premises under an inappropriate category.
- v. The applicability of the respective categories as enumerated is only illustrative but not exhaustive.



**1.1 CATEGORY-I (A): DOMESTIC - LT****Applicability**

This tariff is applicable for supply of electricity for lights, fans and other domestic electrical appliances for domestic purposes including electric vehicles (EVs) in domestic premises. Domestic establishment / premises is one which is used for dwelling/residential purposes.

**Note:** For domestic categories, the households having a separate kitchen will be treated as a separate establishment at the consumer's choice.

**Based on the consumption during the billing month, the consumers shall be billed at the slab wise rates specified in the following table under telescopic method.**

<b>CATEGORY - I (A): DOMESTIC - LT (TELESCOPIC)</b>	<b>Energy Charges Rs./kWh</b>
LT Cat-I : Domestic (Telescopic)	
0-30	1.90
31-75	3.00
76-125	4.50
126-225	6.00
226-400	8.75
>400	9.75
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 consumption between 10 AM and 12 Noon. The cost of the smart meter with modem along with the installation has to be borne by the consumer, who can opt to pay in lump sum or in equal monthly instalments subject to a maximum of 24 months.	

In addition to the above energy charges, the fixed charges of Rs.10 per kW and part thereof are applicable.

**SPECIFIC CONDITIONS**

- i. If electricity supplied to domestic premises is required to be used for non-domestic or commercial purposes, a separate connection should be taken for such loads under Category-II: Commercial & Others - LT, failing which the entire supply shall be charged under Category-II: Commercial & Others – LT, tariff, apart from liability for penal charges as per the General Terms and Conditions of Supply.
- ii. For common services like Water supply, common lights in corridors and supply for lifts in multi-storied buildings, billing shall be done as follows:
  - a. If the plinth area occupied by the domestic consumers is 50% or more of the total plinth area, it shall be billed at the tariff applicable for Category-I (A): Domestic-LT.

- b. If the plinth area occupied by the domestic consumers is less than 50% of the total plinth area, it shall be billed at the tariff applicable for Category-II (A):Commercial-LT.
- iii. Single Point LT services released to residential complexes of State Government/Central Government Departments under specific orders of Licensees with Contracted Load/Connected Load in excess of 56 kW / 75HP shall be billed under Category-I (A): Domestic - LT tariff slab rate applicable based on the average monthly energy consumption per each authorised dwelling i.e., total energy consumption in the month divided by the number of such dwelling units, in the respective residential complexes.

**The above orders are subject to the following conditions, namely:**

- a. Orders are applicable to Police Quarters and other State/Central Government residential complexes specifically sanctioned by the Licensees.
- b. Provided that, it is at the request of the designated officer, who shall give an unconditional undertaking that he will pay the bill for C.C. charges to the Licensees irrespective of collection from the individual occupants.
- c. The consumers shall be billed at the appropriate slab rates in tariff based on the average monthly consumption per dwelling unit in the complex.
- d. The meter reading shall be taken monthly in all such cases.
- e. The customer charges shall be levied at corresponding applicable rates, slab-wise per month for each dwelling unit.

**1.2 CATEGORY-II: COMMERCIAL & OTHERS - LT**

**In this category, the consumers are divided into four groups viz. Category-II(A), Category-II(B), Category-II(C) and Category-II(D).**

**1.2.1 CATEGORY-II(A): COMMERCIAL - LT**

**1.2.1.1 CATEGORY- II (A) (i): COMMERCIAL - LT**

**Applicability**

This tariff is applicable to:

1. Consumers who undertake non-domestic activity.
2. Consumers who undertake commercial activity.
3. Consumers who do not fall in any other Category i.e., Category-I(A):LT, Category-II(B):LT, Category-II(C):LT, Category-II(D):LT, Category-III:LT to Category-V: LT.
4. Consumers who avail supply of energy for lighting, fans, heating, air conditioning and other electric appliances in any commercial or non-domestic premises such as Shops, Business Houses, Offices, Public Buildings, Hospitals, Hostels, Hotels, Choultries, Restaurants, Clubs, Theatres, Cinema Halls, Bus Stations, Railway Stations, Timber Depots, Photo Studios, Printing Presses etc.

5. Educational institutions run by individuals, Non-Government Organisations or Private Trusts and their student hostels are also classified under this category.
6. This tariff is also applicable to Airports, Resorts, Amusement Parks, MICE Centers, Golf Courses, Botanical Gardens, Urban / Rural Haats, Tourism and Hospitality Training Institutes, Wayside Amenities, Spiritual / Wellness centres and Museums etc.

Description	Fixed Charges Rs./ kW/Month	Energy Charges (Rs./kWh or kVAh)
<b>II (A) (i): Commercial - LT</b>		
0-50	75	5.40
51-100	75	7.65
101-300	75	9.05
301-500	75	9.60
Above 500	75	10.15
<b>Monthly minimum charges:</b>		
Single Phase Supply		Rs.65 /month
Three Phase Supply		Rs.200/month

**SPECIFIC CONDITIONS:**

- i. For loads from 10 kW and above, LT tri-vector meter shall be provided. The connected load shall not exceed the contracted load specified in the agreement as per sanction accorded for the service.
- ii. The fixed charges shall be computed based on contracted load or actual Recorded Demand whichever is higher.
- iii. For the purpose of billing, 1 kVA shall be treated as 1kW.
- iv. In respect of the complexes having connected load of more than 56kW/75HP released under specific orders of Licensees for Single Point Bulk supply, where such complex is under the control of a specified organisation/agency taking responsibility to pay monthly current consumption bills regularly and abide by the General Terms and Conditions of Supply, the billing shall be done at the highest slab tariff rate under Category-II(A) (i): Commercial - LT. The energy shall be measured on the High-Tension side of the transformer. In case, where energy is measured on the LT side of the transformer, 3% of the recorded energy during the month shall be added to arrive at the consumption on the High Tension side of the transformer.

**1.2.1.2 CATEGORY- II (A) (ii): ADVERTISING HOARDINGS – LT****Applicability**

This tariff is applicable for electricity supply availed through separate (independent) connections for the purpose of advertisements, hoardings and other conspicuous consumption such as external flood light, displays, neon signs at public places (roads, railway stations, airports etc.), departmental stores, commercial establishments, malls, multiplexes, theatres, clubs, hotels and other such entertainment /leisure establishments etc.

Fixed Charges (Rs./kW/month)	Energy Charges (Rs./kWh or kVAh)
100	12.25
Monthly minimum charges: Rs.300 / month	

**1.2.1.3 CATEGORY- II (A) (iii): FUNCTION HALLS / AUDITORIA – LT****Applicability**

This tariff is applicable to Function Halls, Auditoria, Marriage Halls, Convention Centers, and the like.

Fixed Charges (Rs./kW/month)	Energy Charges (Rs./kWh or kVAh)
NIL	12.25
Monthly minimum charges: Rs.300 / month	

**1.2.2 CATEGORY- II (B): STARTUP POWER – LT****Applicability**

This tariff is applicable for supply of electricity to startup power for Captive Generating Plants, Co-Generation Plants and Renewable Energy Generation Plants & also for Merchant plants.

The startup power is intended for those generators who require occasional and intermittent supply for startup operations of the generating unit(s) alone. However, the Captive and Cogeneration plants with their process plants being located in the same premises and have single connection with the grid (APTransco / DISCOMs) and who continuously depend on the licensees' supply for part of their energy requirement may be given option to either continue in their present category or to be included in this new category. Without giving an opportunity to all such generators to exercise options in this regard, the category change shall not be affected.

**The Specific Conditions applicable for start-up power are as follows:**

1. Supply is to be used strictly for generator start-up operations, maintenance and lighting purposes only.
2. This Category is also applicable to all the Wind and Solar plants who have PPAs with licensees.

Fixed Charges (Rs./kW/month)	Energy Charges (Rs./kWh or kVAh)
NIL	12.25

**1.2.3 CATEGORY- II (C): ELECTRIC VEHICLES / CHARGING STATIONS – LT****Applicability**

This tariff is applicable for supply of electricity to Electric Vehicles and charging Stations that will provide electricity for charging such vehicles.

Fixed Charges (Rs./kW/month)	Energy Charges (Rs./kWh or kVAh)
NIL	6.70

**Note:**

- i. All charging stations established by the utilities for charging their vehicles viz APSRTC, DISCOMS, etc shall be levied a tariff of Rs.6.70 per kVAh.
- ii. All charging stations established by the Group Housing Societies, Commercial complexes, Malls, Hotels, and Public Charging Stations for charging the electric vehicles of the general public shall be levied 90 per cent of a tariff of Rs.6.70 per kVAh. Such charging stations shall collect the tariff of Rs.6.70 per kVAh from users.
- iii. The charging stations shall be given a separate connection duly ensuring not to use this supply for other purposes.
- iv. All domestic or other consumer categories who use their supply for charging their vehicles shall not be booked under malpractice.

**1.2.4 CATEGORY- II (D): GREEN POWER – LT****Applicability**

This tariff is applicable to all consumers other than those covered under Category II (A) (ii) & Category II (A) (iii) who wish to avail power from Non-conventional sources of energy voluntarily and show their support to an environmental cause.

Fixed Charges (Rs./kW/month)	Energy Charges (Rs./kWh or kVAh)
NIL	12.25

**Note:**

1. The Tariff shall be optional and can be extended to any consumer without reference to end use purpose.
2. A consumer shall be entitled to Renewable Energy Certificates (RECs) as may be admissible.

**1.3 CATEGORY-III: INDUSTRY - LT****1.3.1 CATEGORY-III (A): INDUSTRY (GENERAL) - LT****Applicability**

The following tariff shall be applicable for supply of electricity to Low Tension industrial consumers with a Contracted load of 75kW/100 HP and below. Industrial purpose shall mean, supply primarily for the purpose of manufacturing, processing and/or preserving goods for sale, but shall not include Shops, Business Houses, Offices, Public Buildings, Hospitals, Hotels, Hostels, Choultries, Restaurants, Clubs, Theatres, Cinemas, Bus Stations, Railway Stations and other similar premises, notwithstanding any manufacturing, processing or preserving of goods for sale.

**This tariff will also apply to:**

1. Water Works & Sewerage Pumping Stations operated by Government Departments or Co-operative Societies and pump sets of Railways, pumping of water by industries as subsidiary function and sewerage pumping stations operated by local bodies.
2. Workshops, flour mills, oil mills, saw mills, coffee grinders and wet grinders, ice candy units with or without sale outlets, grass cutting and fodder cutting units.
3. The Information Technology (IT) units identified and approved by the Consultative Committee on IT Industry (CCITI) constituted by GoAP.
4. Newspaper printing units.
5. Aqua hatcheries and Aqua feed mixing plants
6. Poultry hatcheries and feed mixing plants

Fixed charges (Rs./kW/Month)	Energy Charge (Rs./kWh or kVAh)
75.00	6.70

**Note:** LT captive feed mixing plants of Poultry Farms, Pisciculture, Prawn Culture and Dairy Farms having independent connections who are not covered under the GST regime are allowed to pay tariff of Rs.5.25/unit and demand charges of Rs.75 per kW.

7. All the industries under category-III industry general are permitted to avail load up to 150HP on exercise of option, with the following tariffs.

(Fixed charges on Telescopic Basis):

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

**Note:** Without an advance option, the above tariffs are not applicable.

### 1.3.2 CATEGORY-III (B): SEASONAL INDUSTRIES (OFF SEASON) – LT

#### Applicability

This tariff is applicable to consumers who avail supply of energy under Category-III: Industry – LT for manufacture of sugar or ice or salt, decorticating, seed processing, fruit processing, ginning and pressing, cotton seed oil mills, tobacco processing, re-drying, Rice Mills and Sago Mills and for such other industries or processes as may be approved by the Commission from time to time principally during certain seasons or limited periods in a year and the main plant is regularly closed down during certain months in a year, they shall be charged for the months during which the plant is shut down (which period shall be referred to as the off-season period) as follows:

<b>Fixed charges on 30% of Contracted Load or Recorded Demand, whichever is higher (Rs./kW/Month)</b>	<b>Energy Charge For all kWh or kVAh units (Rs./kWh or kVAh)</b>
75	7.45

**Note:** During the seasonal period, the consumer shall be billed under CategoryIII(A): Industry (General) - LT. If the metering is on HT side, 1% of total energy consumed shall be deducted from recorded energy for the purpose of billing.

**Specific conditions for Seasonal Industries:**

- i. Consumers classified as seasonal load consumers who are desirous of availing the seasonal benefits shall specifically declare their season at the time of entering into agreement that their loads should be classified as seasonal loads.
- ii. The period of season shall not be less than 3 (three) continuous months. However, the consumer can declare a longer seasonal period as per actuals.
- iii. Existing eligible consumers who have not opted earlier for availing of seasonal tariffs will also be permitted to opt for seasonal tariff on the basis of application to the concerned Divisional Engineer of the Licensees.
- iv. Consumer, who desires to have a change in the period classified as “season” declared by him, shall file a declaration at least a month before commencement of the season already declared by him. Change of season will be allowed twice in a year only.
- v. The off-season tariff is not available to composite units having seasonal and other categories of loads.
- vi. Development charges as applicable to regular LT consumers shall be paid by the consumers for availing supply under the above said category with seasonal benefits. Consumers who have already paid the development charges as regular consumers need not pay the development charges.

**Other Conditions applicable to Category- III (A): Industry (General) – LT and Category III (B): Seasonal Industries (Off-season) – LT**

- (1) The connected load shall not exceed the contracted load specified in the agreement as per sanction accorded for the service. The fixed charges shall be computed based on contracted Load or actual Recorded Demand whichever is higher.

**(2) Metering and Billing**

- i. For the purpose of billing, 1 kVA shall be equal to 1 kW and 1HP = 0.75 kW
- ii. LT Trivector meter shall be provided for the consumers with contracted load of 15 kW/20 HP to 37.5 kW/50 HP.
- iii. For loads above 37.5 kW/50 HP to 75 kW/100 HP, the metering shall be provided on HT side of the Distribution Transformer.
- iv. If the recorded demand of any service connection under this category exceeds the 75 kVA, such excess demand shall be billed at the demand charges prescribed under Category- III: Industry (General) - HT.



- v. In cases where metering is provided on the LT side of the transformer (due to space constraints), 3% of the recorded energy during the month shall be added to arrive at the consumption on the High Tension side of the transformer.
- vi. If the metering is on HT side, 1% of total energy consumed shall be deducted from recorded energy for the purpose of billing.

### 1.3.3 CATEGORY-III (D): COTTAGE INDUSTRIES UP TO 10 HP – LT

#### COTTAGE INDUSTRIES

##### Applicability

This tariff is applicable for supply of energy to Dhobighats & bonafide (as certified by Divisional Engineer, Operation) Small Cottage Industries specifically power looms, Carpentry, Blacksmithy, Kanchari, Goldsmithy, Shilpi, Pottery, Mochy, Phenoyl production units, Agarbatti production units, Wax Candle making units, Papads Manufacturing units, Leather (Chappals) making, Soap Industry, Plaster of Paris units, Laque toy making units, Pop Toys, Wood carving/toy making units, Pickles Manufacturing, Mango jelly units, Adda leaf plate industry etc. having connected load not exceeding 10 HP including incidental lighting in the premises.

<b>Fixed charges (Rs./kW/Month)</b>	<b>Energy Charge For all kWh units (Rs./kWh)</b>
Rs.20/- per month per kW of contracted load subject to a minimum of Rs.30/- per month	3.75
<b>Monthly minimum charges – NIL</b>	
<b>Note:</b>	
i. Units which exceed a connected load of 10 HP shall be billed at tariff specified for Category III(A): Industry (General) - LT.	
ii. Dhobighats shall be extended free power supply as per G.O.Rt.No.75, dt:27-06-2018	

### 1.4 CATEGORY-IV: INSTITUTIONAL – LT

#### 1.4.1 CATEGORY-IV (A): UTILITIES – LT

(Street Lightning, NTR Sujala Pathakam, CPWS and PWS)

##### Applicability

This tariff is applicable for:

- i. Supply of energy for lighting on public roads, streets, thoroughfare including parks, markets, car-stands, taxi stands, bridges, PWS schemes in the Local Bodies viz., Panchayats / Municipalities / Municipal Corporations.
- ii. Supply of energy to the Composite Water Supply Schemes (CWSS) / PWS Schemes operated and / or maintained by Local Bodies viz., (Panchayats, Municipalities, Municipal Corporations) etc.
- iii. Supply of energy to NTR Sujala Pathakam (Drinking water schemes notified by the Government of AP and / or concerned statutory authority)

Metering is compulsory irrespective of tariff structure.

Description	Fixed Charges (Rs./kW/month)	Energy Charges (Rs./kWh or kVAh)
Street Lighting, CPWS / PWS Schemes and NTR Sujala pathakam	75	7.00

**Specific Condition applicable to Street Lighting:**

Additional charges: Every local body shall pay an additional charge equivalent to any tax or fee levied by it under the provisions of any law including the Corporation Act, Municipalities Act or Gram Panchayat Act on the poles, Lines, Transformers and other installations erected in its area.

**1.4.2 CATEGORY-IV (B): GENERAL PURPOSE – LT**

**Applicability**

This tariff is applicable for supply of energy to places of Crematoria, Govt. Educational institutions and Student Hostels run by Govt. agencies, Charitable institutions i.e., Public charitable trusts and societies registered under the Societies Registration Act running educational institutions on no profit basis, recognized service institutions and registered old age homes, orphanages and the like rendering gratuitous service to the public at large without any profit. Government Offices and Government Hospitals shall also be billed under this category.

Fixed Charges (Rs./kW/month)	Energy Charges (Rs./kWh or kVAh)
75	7.00
<b>Monthly Minimum Energy charges:</b>	
Single Phase Supply	Rs. 50 per month
Three Phase Supply	Rs.150 per month

**Note:**

- i. Trivector meters shall be provided for all 10 kW and above services.
- 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 reclassification.

**1.4.3 CATEGORY-IV (C): RELIGIOUS PLACES – LT****Applicability**

**This tariff is applicable for supply of energy to places of worship such as Temples, Churches, Mosques, Gurudwaras and Goshalas.**

Description	Fixed charges (Rs./kW/Month)	Energy Charge (Rs./kWh or kVAh)
For all places other than Goshalas up to 2 kW contracted load	30.00	3.85
Above 2 kW contracted load	30.00	5.00
Goshalas	30.00	3.85

**1.5 CATEGORY-V: AGRICULTURE & RELATED – LT****1.5.1 CATEGORY-V (A) : AGRICULTURE – LT****1.5.1.1 CATEGORY-V (A) AGRICULTURE (i): CORPORATE FARMERS – LT****Applicability**

*This tariff is applicable to Corporate farmers. “Corporate Farmer” means:*

- A company incorporated under the Companies Act, 2013 or under any previous company law and which undertakes farming as an activity
- A partnership firm or a limited liability partnership firm which undertakes farming as an activity
- Association of persons, cooperative societies and registered body of individuals undertaking farming activities

Description	Fixed charges (Rs./HP / Month)	Energy Charges (Rs./kWh)
Corporate Farmers (DSM Measures mandatory)	-	Rs.3.50

**Note:**

- i. Any consumption of energy /electricity in any Agricultural land for purposes other than agriculture shall be charged / billed in accordance with the applicable tariff.
- ii. Farmers without DSM Measures shall be billed @ Rs.4.50/kWh. DSM measures include frictionless foot valve, capacitor of adequate rating, HDPE or RPVC piping at suction and/or delivery and ISI marked mono-block or submersible pump-sets.

**1.5.1.2 CATEGORY-V (A) AGRICULTURE (ii): NON-CORPORATE FARMERS – LT****Applicability**

This tariff is applicable to all farmers who are not covered under the “corporate farmers” category.

<b>Fixed charges (Rs./Month)</b>	<b>Energy Charge (Rs./kWh)</b>
NIL	NIL

**Note:**

- (i) Power supply to agricultural consumers under urban feeders: In case of agricultural consumers who are under urban feeders, the DISCOMs shall extend power supply by providing three phase meters and supply free power up to 1200 units per HP per annum on annual basis and shall charge for the consumption above 1200 units per HP per annum at the rate of Rs.6.40/unit by issuing bills.
- (ii) In case of LT Lift Irrigation schemes which are in the paying category hitherto, the DISCOMs shall extend free power supply up to 1200 units per HP per annum on annual basis and shall charge for the consumption above 1200 units per HP per annum at the rate of Rs.6.40/unit by issuing bills.

**SPECIFIC CONDITIONS APPLICABLE FOR NON-CORPORATE FARMERS:**

- i. Agricultural consumers are permitted to use one lamp of 15 watts or three lamps of 5 watts each, near the main switch as pilot lamps.
- ii. Supply to the L.T. Agricultural services will be suitably regulated as notified by Licensees from time to time.
- iii. The farmers eligible for free supply have to comply with the Demand Side Management Measures (DSM) stated below as applicable for their pumping system viz., submersible or surface pump sets failing which they will not be eligible for free supply. Non-corporate farmers without DSM measures shall be provided with meters and billed at the tariff applicable to Category-V (A) (i): LT

- iv. DSM measures include frictionless foot valve, capacitor of adequate rating, HDPE or RPVC piping at suction and/or delivery and ISI marked mono-block or submersible pump-sets.

All new connections shall be given only with DSM measures implemented and with meters.

#### 1.5.1.3 CATEGORY-V (A) AGRICULTURE (iii): SALT FARMING UNITS UP TO 15HP\* - LT Applicability

This tariff is applicable for Salt Farming units up to 15 HP.

Fixed charges (Rs./HP/Month)	Energy Charge (Rs./kWh)
-NIL-	2.50

\* - Units with connected load more than 15 HP shall be billed under Category III(A): Industry (General) – LT tariff.

#### 1.5.1.4 CATEGORY-V (A) AGRICULTURE (iv): SUGARCANE CRUSHING - LT

##### Applicability

This tariff is applicable for all sugar cane crushing units connected to agricultural / rural feeders.

Fixed charges (Rs./Month)	Energy Charge (Rs./kWh)
NIL	NIL

#### 1.5.1.5 CATEGORY-V (A) AGRICULTURE (v): RURAL HORTICULTURE NURSERIES - LT Applicability

This tariff is applicable for Horticulture Nurseries in rural areas.

Fixed charges (Rs./HP/Month)	Energy Charge (Rs./kWh)
NIL	NIL

#### 1.5.1.6 CATEGORY-V (A) AGRICULTURE (vi): FLORICULTURE IN GREENHOUSE - LT

##### Applicability

This tariff is applicable for Floriculture in Green Houses.

Fixed charges (Rs./KW/Month)	Energy Charge (Rs./kWh or kVAh)
75	4.50

**1.5.2 CATEGORY-V (B): AQUA CULTURE & ANIMAL HUSBANDRY – LT****Applicability**

This tariff is applicable to Aqua Culture and Animal Husbandry, such as Poultry Farms, Pisciculture, Prawn Culture and Dairy Farms

Fixed Charges (Rs./ kW/Month)	Energy Charges (Rs. / kWh or kVAh)
30	3.85

**Note:** Poultry Farms are exempted from the condition of 5kW minimum load for releasing three phase supply.

The Poultry Farms are allowed up to 5% of the total consumption in the Poultry firm for the purpose of usage of staff quarters and office premises. For measurement of non-poultry load consumption in the poultry firms, loads are to be segregated and a separate sub-meter at the cost of consumer be installed and sealed by the DISCOMs. If during any month, non-poultry consumption exceeds 5% of total consumption, the consumption exceeding the 5 per cent in the Sub-Meter shall be billed at Non-Domestic category.

**1.5.3 CATEGORY – V (D): AGRO BASED COTTAGE INDUSTRIES UP TO 10HP\* – LT****Applicability**

This tariff is applicable to small agro based industrial units covering Sisal fiber extraction co-operative units, Vermiculture, Sericulture, Mushroom growing / farming, Rabbit farming, Sheep rearing, Emu birds farming, Apiculture (honey making), Chaff-cutting and Dairy farming activities with connected load up to 10 HP (including incidental lighting load).

Fixed Charges (Rs./ kW/Month)	Energy Charges (Rs./ kWh)
20	3.75

\* Agro based activities with connected load exceeding 10 HP shall be billed at Tariff specified for Category III A - Industry General-LT or HT based on connected load / contracted demand without applying ToD charges.

**For sericulture, connected load exceeding 15 HP shall be billed at Tariff specified for Category III A - Industry General-LT or HT based on connected load / contracted demand without applying ToD charges.**

**1.5.4 CATEGORY –V (E): GOVERNMENT / PRIVATE LIFT IRRIGATION SCHEMES – LT****Applicability**

This tariff is applicable to Lift Irrigation Schemes for consumers availing LT supply for irrigation.

<b>Voltage of Supply</b>	<b>Demand Charges (Rs./kVA/month)</b>	<b>Energy Charges (Rs./kVAh)</b>
<b>LT</b>	NIL	6.40

**Note:** Metering is mandatory. Free power is limited to 1200 units per HP per year.

**2. TEMPORARY SUPPLY – LT****THERE IS NO SEPARATE CATEGORY FOR TEMPORARY SUPPLY.**

Temporary supply can be released to any category of consumers with respective applicable terms and conditions in addition to the specific conditions mentioned hereunder:

Temporary supply shall not ordinarily be given for a period exceeding 6 (six) months and can be renewed up to a maximum of another six months. In any case, the total period shall not exceed one year beyond which permanent connection shall be extended.

The charges for temporary supply to any category of consumers except those entitled to fully subsidized and free supply of electricity under this Order shall be as follows:

<b>Fixed Charges (Rs./kW/Month)</b>	<b>Energy Charges (Rs./kWh or kVAh)</b>
30	10.50

The charges for temporary supply to consumers who are entitled to fully subsidized and free supply of electricity under this Order shall be as follows:

<b>Fixed Charges (Rs./kW/Month)</b>	<b>Energy Charges (Rs./kWh or kVAh)</b>
NIL	3.75

**Specific conditions for release of LT Temporary Supply**

- (i) Tri-vector meters shall be provided for all 10 kW and above services.
- (ii) Requests for temporary supply of energy cannot normally be considered unless there is a clear notice of at least one week in the case of domestic and three months in case of other types of supply. If supply is required at a short notice, in addition to the charges mentioned below, an urgency charge, as specified in 3.8 is also to be paid.

- (iii) Estimated cost of the works means the cost of works for making necessary arrangements for supplying energy including the cost of distribution lines, switchgear, metering equipment etc., as may be worked out on the basis of standards and norms prescribed by the Licensees from time to time plus cost of dismantling the lines and other works when the supply is no more required less the cost of retrievable material.
- (iv) (a) Estimated cost of the works as mentioned in para (iii) above shall be paid by the consumer in advance. After the works are dismantled and retrievable materials returned to stores, a bill for the actual amount payable by the consumer shall be prepared and the difference would be collected from or refunded to the consumer, as the case may be. No development charge shall be collected for temporary supply.
- (b) In addition to the aforesaid charges payable by consumers availing temporary supply, they shall pay hire charges at 2% on cost of retrievable material per month or part thereof, for the duration of temporary supply. These charges will be claimed along with the consumption bills.
- (v) (a) The consumer requiring supply on temporary basis shall be required to deposit in advance, in addition to the estimated cost of works mentioned in iv(a), the estimated consumption charges at the rate stipulated in Tariff Order for Temporary supply, and worked out on the basis for use of electricity by the consumer for 6 hours per day for a period of 2 months in case the supply is required for more than 10 days. If the period of temporary supply is for 10 days or less, the advance consumption charges for the actual period requisitioned shall be paid.
- (b) The bill for electricity consumed in any month shall be prepared at the tariff applicable plus hire charges as mentioned in iv(b) above. The consumers have to pay monthly CC charges regularly during the period of availing temporary supply and the estimated energy consumption deposit shall be adjusted with the last month consumption bill and the balance, if any, shall be refunded.
- (c) In the case of consumers requiring temporary supply for the purposes of Cinema, the estimated energy charges for a minimum period of 3 months shall have to be deposited by the consumers subject to the condition that the consumer shall pay every month energy and other miscellaneous charges for the preceding month and the amount deposited by them in advance shall be adjusted with the last month consumption bill and the balance amount shall be refunded.
- (d) In the event of estimated energy charges deposited by the consumer having been found insufficient, the consumer shall deposit such additional amount, as may be demanded by the Licensees failing which the Licensees may discontinue the supply of electricity.
- vi. Estimated Cost of Works and Estimated energy charges:
- These charges shall be paid in advance by the consumer in accordance with the procedure prescribed above.
- vii Regular consumers requiring temporary additional supply:



In cases where consumers availing regular supply of energy require additional supply for a temporary period, the additional supply shall be given as a temporary service under a separate connection and charged as such in accordance with the above procedure.

### 3. OTHER CHARGES FOR LT SUPPLY

#### 3.1 Additional Charges for delayed payment

- i. The C.C. bills shall be paid by the consumers within the due date mentioned in the bill, i.e. 15 days from date of the bill.
- ii. In case of Category-I(A): LT, Category-III(D): LT, and Category-V(D): LT, if payment is made after the due date, the consumers are liable to pay Delayed Payment Surcharge (DPS) of Rs.25 per month. In case of Category -II (A) (i) consumers who consume less than 50 units per month and Category -IV(C) whose connected load is less than 2 kW load also pay Delayed Payment Surcharge (DPS) of Rs.25 per month.
- iii. In case of Category-II(A)(i, ii & iii) : LT, Category-II (B to D): LT, Category-III (A & B): LT and Category-IV(A, B & C):LT, Category-V(A vi, B & E): LT the licensees shall levy Delayed Payment Surcharge (DPS) on monthly consumption charges only at the rate of 5 paise per Rs.100/day calculated from the due date mentioned on the bill up to the date of payment or Rs.150 whichever is higher. In case of grant of instalments, the licensees shall levy interest at the rate of 18% per annum on the outstanding amounts compounded annually and both (DPS and Interest) shall not be levied at the same time.
- iv. If the C.C. bill amount is not paid within 15 days from the due date, the power supply is liable for disconnection.
- v. For reconnection of power supply after disconnection, the consumer has to pay reconnection charges. The reconnection charges shall not be collected without actual disconnection.

#### 3.2 Service Connection Charges

The service connection charges shall be collected as per the Regulations issued by the Commission from time to time.

#### 3.3 Reconnections

(a) Low Tension Services.	
Category-IA (Overhead)	Rs.100
Other Category Services (Overhead)	Rs.100
Services with Under Ground cable	Rs.300

**3.4 Testing**

<b>(a) Installations</b>	
The first test and inspection of a new installation or of an extension to an existing installation	Nil
Charges payable by the consumer in advance for each subsequent test and / or inspection if found necessary owing to any fault in the installation or to non-compliance of the conditions of supply.	Rs.20
<b>(b) Meters</b>	
A.C. Single Phase Energy meter	Rs.200
A.C. Three Phase Energy meter	Rs.500
Trivector meter	Rs.2500

**3.5 Service calls**

(a) Charges for attendance of LM/ALM/JLM for Low Tension Consumers	
i) Replacing of Licensees' cut out fuses	Nil
ii) Replacing of consumer's fuses	Rs. 5/-
(b) Charges for attendance of LM/ALM/JLM at the consumer's premises during any function or temporary illumination provided a LM/ALM/JLM can be spared for such work	Rs.100/- for each day or part thereof.
(c) Charges for infructuous visit of Licensee employees to the consumer's premises	Rs.25/- for each visit when there is no defect in Licensee's equipment

**3.6 Miscellaneous Charges**

(a) Application Registration Fees:	
(i) For Agricultural & Domestic categories	Rs. 50
(ii) For all other Categories	Rs.100
(b) Revision of estimates	Rs. 50
(c) Fee for re-rating of consumer's installation at the request of the consumer. (This does not include the additional charges payable by the consumer for increasing his connected load in excess of the contracted load, as provided in General Terms and	Same as Application Registration Fee

Conditions of Supply).	
(d) Resealing of	
(i) whole current meter	Rs. 25
(ii) CT operated meters and other apparatus in the consumer's premises for all other categories.	Rs.100
The aforesaid charges do not include the additional charges payable by the consumer for breaking the seals	
(e) For changing meter only at the request of the consumer (where it is not necessitated by increase in demand permanently)	Rs.50 for Single phase meter Rs.100 for Three phase meter
(f) For changing or moving a meter board	Actual cost of material and labour plus 25% supervision charges on cost of materials and labour

### 3.7 Customer Charges:

Consumer Category:	Rs. / month
<b>Category - I (A): Domestic</b>	
0-30	25
31-75	30
76-125	45
126-225	50
226-400	55
>400	55
<b>Category-II: COMMERCIAL &amp; OTHERS:</b>	
Category-II(A) (i): < 50 units per month	30
Category-II(A) (i): between 50 units to 100 units per month	40
Category-II(A) (i) More than 100 units	45
Category-II(A)(ii): Advertising Hoardings	50
Category-II(A)(iii): Function Halls / Auditoriums	50

<b>Consumer Category:</b>	<b>Rs. / month</b>
Category-II(B): Start up power	500
Category-II(C): Electric Vehicles / Charging Stations	250
<b>Category-III: INDUSTRY</b>	
up to 20 HP	63
21 – 50 HP	250
51 – 100 HP	938
<b>Category-IV: INSTITUTIONAL</b>	
Category-IV(A): Utilities	35
Category-IV(B): General Purpose	45
<b>All other Categories</b>	30
Temporary Supply	50

**3.8** Urgency charges for temporary supply at short notice -- Rs.200

**3.9** Special rates chargeable for theft/pilferage and malpractice cases: As per the General

Terms and Conditions of Supply (GTCS) approved by the Commission from time to time.

**3.10** Supervision/Inspection & checking Charges for all Categories -- Rs.100

**3.11 Miscellaneous works**

The charges for any work which the Licensee may be required to undertake for the consumer and which is not included in the foregoing schedule, shall be the actual cost of labour and material plus 25% on cost of labour and material to cover overhead charges. The aforesaid charges shall be paid by the consumer in advance.

**3.12 Maintenance of Power factor at consumer end**

The consumer should not maintain less than 0.95 power factor on the leading side. If any consumer maintains the power factor of less than 0.95 lead for a period of 2 consecutive months, it must be brought back in the range of (+) or (-) 0.95 within a period of 3 months failing which without prejudice to such other rights as having accrued to the Licensees or any other right of the Licensees, the supply to the consumer may be discontinued. This condition is not applicable to the consumers whose connected load is less than 20 kW.

**3.13** Grid support charges/parallel operation charges for FY2024-25 shall be collected from only co-located captive power plants. The captive power plant status shall be verified as per the MoP rules and CEA guidelines in this regard. The other conditions are as mentioned below:

- i. The parallel operation/grid support charges are to be applied to the total installed capacity of the generators connected to the Grid duly deducting the OA capacity or the PPA capacity if any with the DISCOMS.
- ii. Conventional CPPs shall pay Rs.50 per kW per month.
- iii. Renewable energy plants including waste heat recovery plants, the plants based on municipal solid waste, and the co-gen plants shall pay Rs.25 kW per month.
- iv. Rooftop solar plants under net metering/gross metering policy shall pay Rs.15 per kW per month.
- v. Co-gen sugar mills shall pay charges of Rs. 25 per kW per month, for a period of 4 months or actual operation period, whichever is higher.
- vi. These charges shall not be applicable when the plants are under shutdown for any reason and when such shutdown period exceeds two months.

**3.14 Green Tariff**

Renewable Energy procurement from Distribution Licensee by obligated entities/non-obligated entities at Green Tariff without need to change of category. The obligated/non-obligated entities may purchase Renewable Energy from the Distribution Licensee in the following manner:

- i. Any entity may elect to purchase Renewable Energy either up to a certain percentage of the consumption or its entire consumption and accordingly, they shall place a requisition for this with their distribution licensee, three months before the date of the commencement of the financial year during which the entities intended to procure from FY 2024-25. For the balance period of FY 2023-24, the entities may place a requisition with their distribution licensee within one month from the date of this regulation coming in to force. Then, the distribution licensee shall procure such quantity of Renewable Energy and supply it to the entities concerned.
- ii. The obligated entities may purchase on a voluntary basis, more renewable energy than their obligation and up to a hundred percent. The percentage of renewable energy requisite by obligated/non-obligated entities from the distribution licensees shall not be less than RPO specified by the Government of India/APERC for the obligated entities whichever is higher for that financial year.
- iii. The Green Tariff for the Renewable Energy supplied by the distribution licensee for FY 2023-24 shall be 75 paise over and above the normally applicable tariff for respective entities as per the RST Order for FY 2023-24 issued by the Commission. This tariff for future years will be as per RST Orders to be issued by the Commission. The energy consumed at 75 paise over and above the normally applicable tariff out of the total energy consumed by the entities from the distribution licensees shall be treated as the Renewable Energy supplied by the distribution licensee during that billing month. The Distribution Licensee shall issue the monthly digital certificate ( physical certificate on specific request ) to such consumers certifying the quantity of Renewable Energy out of the total consumption.

- iv. All electricity consumers in the State have the option to source 100% Renewable Energy power by additionally paying above stated Green Tariff at their respective categories without to opt a separate category “ Green Power” that is already in place as per RST Order approved by the Commission.
- v. Any requisition for Renewable Energy from a distribution licensee shall be for a minimum period of one year from FY 2024-25 and a balance period for FY 2023-24 and accordingly, month-wise energy shall be specified.
- vi. The Renewable Energy purchased from the distribution licensee in excess of the Renewable Purchase Obligation of an obligated entity and 100 percent of energy procured by the non-obligated entities shall be counted towards Renewable Purchase Obligation compliance of the distribution licensee;
- vii. The revenue earned by the distribution licensee from the sale of renewable energy to entities/consumers under the Green Tariff shall be considered as revenue from the sale of power. The Distribution Licensee shall separately maintain tariff category and sub-category-wise accounting of no. of consumers, connected load, sale, and revenue from sale under the Green Tariff for consumers and the same shall be shown separately by the distribution licensees at the time of ARR filings, and truing up.
- viii. The distribution licensee shall give a Green Stars certificate on a yearly basis to the entities for the green energy supplied by it for Renewable Energy beyond the renewable purchase obligation (RPO) for obligated entities notified by the government of India/APERC whichever is higher. The entities/consumers shall be given a Green Stars Rating based on Renewable Energy procurement during the financial year as below:
  - a. 100 per cent of consumption: 5 Green Stars
  - b. 75 per cent of consumption: 4 Green Stars
  - c. 50 per cent of consumption : 3 Green Stars

Accordingly, the distribution licensee shall issue a “Green Stars Certificate” to all the eligible entities within three months after the completion of that financial year. The certificate format shall be as approved by the Commission. Such green stars shall be also indicated in their monthly bills based on the month-wise requisitions for renewable energy and total consumption of the month as per the percentages indicated above.

- ix. Non-obligated entities of any category including the domestic consumers at any voltage level may opt to procure the Renewable Energy as per the procedure stated above.
- x. The Distribution licensees shall give wide publicity at regular intervals during the year about the availability of RE power through newspapers/media/interaction meetings with the industrial consumers based on their Renewable Power procurement status.
- xi. The green power for consumers availing green tariff shall be “subject to availability of RE” in the respective DISCOS.”

**PART 'B'****HIGH TENSION (HT) SUPPLY****4 HT TARIFFS – TERMS AND CONDITIONS**

These tariffs are applicable for supply of electricity to H.T. Consumers having contracted demand of 70 kVA and above and/or having a connected load exceeding 75kW/100 HP.

The applicability of the respective categories as enumerated is only illustrative but not exhaustive.

**4.1 CATEGORY-I (B): TOWNSHIPS, COLONIES, GATED COMMUNITIES & VILLAS – HT Applicability**

This tariff is applicable exclusively for

1. Townships and Residential Colonies of Cooperative Group Housing Societies, Gated Communities and Villas who avail supply at single point for making electricity available to the members of such Society residing in the same premises and individuals whose domestic connected load is more than what is permitted under the LT supply.
2. Any person who avails supply at single point at HT for making electricity available to his employees residing in contiguous premises, the supply in all cases being only for domestic purposes, such as lighting, fans, heating etc., provided that the connected load for common facilities such as non-domestic purpose in residential area, street lighting and water supply etc., shall be within the limits specified hereunder:

Water Supply & Sewerage and Street Light put together	10% of total connected load
Non-domestic/Commercial General purpose put together	10% of total connected load

Voltage of Supply	Demand Charges (Rs./ kVA/month)	Energy Charges (Rs. /kVAh)
All voltages	75.00	7.00

**SPECIFIC CONDITIONS:**

- i. The billing demand shall be the recorded maximum demand during the month.
- ii. Energy Charges will be billed on the basis of actual consumption or 25 kVAh per kVA of Contracted Demand, whichever is higher.

- iii. The above provisions shall not in any way affect the right of a person residing in the housing unit sold or leased by such Cooperative Group Housing Society, to demand supply of electricity directly from the distribution licensee of the area.

## 4.2 CATEGORY-II: COMMERCIAL & OTHERS – HT

### 4.2.1.1 CATEGORY-II (A) (i): COMMERCIAL – HT

#### Applicability

This tariff is applicable to:

1. Consumers who undertake non-domestic activity.
2. Consumers who undertake commercial activity.
3. Consumers who do not fall in any other Category i.e. Category I(B): HT, Category II (B): HT, Category II (C) HT, Category II (D) HT, Category III: HT, Category IV: HT, Category V: HT.
4. Consumers who avail supply of energy for lighting, fans, heating, air conditioning and other electric appliances in any commercial or non-domestic premises such as Shops, Business Houses, Offices, Public Buildings, Hospitals, Hostels, Hotels, Choultries, Restaurants, Clubs, Theatres, Cinema Halls, Bus-Stations, Railway Stations, Timber Depots, Photo Studios, Printing Presses etc.
5. Educational institutions run by individuals, Non-Government Organisations or Private Trusts and their Student Hostels are also classified under this category.
6. This tariff is also applicable to Airports, Resorts, Amusement Parks, MICE Centers, Golf Courses, Botanical Gardens, Urban / Rural Haats, Tourism and Hospitality Training Institutes, Wayside Amenities, Spiritual / Wellness centres and Museums etc.

<b>Voltage of Supply</b>	<b>Demand Charges (Rs./ kVA/month of Billing Demand)</b>	<b>Energy Charges (Rs. /kVAh)*</b>
220 kV	475	6.65
132 kV	475	6.70
33 kV	475	6.95
11 kV	475	7.65
* Rs. 1 / kVAh Time of Day Tariff is leviable on energy consumption during the period from 06 PM to 10 PM in addition to the normal energy charges at respective voltages.		



**SPECIFIC CONDITIONS**

- i. The billing demand shall be the Maximum Demand Recorded during the month or 80% of the contracted demand, whichever is higher.
- ii. Energy charges will be billed on the basis of actual Energy consumption or 25 kVAh per kVA of Billing Demand, whichever is higher.

**4.2.1.2 CATEGORY-II (A) (iii): FUNCTION HALLS / AUDITORIA – HT****Applicability**

The tariff is applicable for supply of electricity to function halls & auditoria, marriage halls, convention centers and the like.

Voltage of Supply	Demand Charges (Rs./kVA/month)	Energy Charges (Rs./kVAh)
All Voltages	Nil	12.25

**4.2.2 CATEGORY-II (B): STARTUP POWER – HT****Applicability**

The tariff is applicable for supply of electricity to startup power for Captive Generating Plants or Co-Generation Plants or Renewable Energy Generation Plants and also Merchant plants.

The Startup Power is intended for those generators who require occasional and intermittent supply for startup operations of the generating unit(s) alone. However, the Captive and Cogeneration plants\* with their process plants being located in the same premises and have single connection with the grid (APTransco / DISCOMs) and who continuously depend on the licensees' supply for part of their energy requirement may be given option to either continue in their present category or to be included in this new category. Without giving an opportunity to all such generators to exercise option in this regard, the category change shall not be affected.

**The conditions applicable for Startup Power are as follows:**

- i. Supply is to be used strictly for generator start-up operations, maintenance and lighting purposes only.
- ii. Allowable Maximum Demand shall be limited to the percentage (as given below) of the maximum capacity unit in the generating station in case of generators other than Wind and Solar, and of the plant capacity in case of Wind and Solar generator.

Thermal -15%, Gas based – 6%, Hydel – 3%, NCE Sources – 10%, Wind and Solar – 2%

- iii. If the Maximum Demand exceeds the limits specified above, the energy charges shall be charged at 1.2 times of normal charge for the entire energy consumed.
- iv. All other conditions applicable to Category II: Commercial & Others– HT shall also apply to the Category II(B): Startup Power–HT to the extent they are not contradictory to the above.
- v. This category is also applicable to all the Wind and solar plants who have PPAs with the licensees.

Voltage of Supply	Demand Charges (Rs./kVA/month)	Energy Charges (Rs./kVAh)
All Voltages	Nil	12.25

\* **Note:** In respect of cogeneration Sugar plants, the billing shall be in accordance with the specific clauses of the power purchase agreements.

#### 4.2.3 CATEGORY-II (C): ELECTRIC VEHICLES / CHARGING STATIONS – HT Applicability

The tariff is applicable for supply of electricity to Electric Vehicles and Charging Stations that will provide electricity for charging.

Voltage of Supply	Energy Charges (Rs./kVAh)
All Voltages	6.70

**Note:**

- i. All charging stations established by the utilities for charging their vehicles viz APSRTC, DISCOMS, etc shall be levied a tariff of Rs.6.70 per kVAh.
- ii. All charging stations established by the Group Housing Societies, Commercial complexes, Malls, Hotels, and Public Charging Stations for charging the electric vehicles of the general public shall be levied 90 per cent of a tariff of Rs.6.70 per kVAh. Such charging stations shall collect the tariff of Rs.6.70 per kVAh from users.
- iii. The charging stations shall be given a separate connection duly ensuring not to use this supply for other purposes.
- iv. All domestic or other consumer categories who use their supply for charging their vehicles shall not be booked under malpractice.

**4.2.4 CATEGORY-II (D): GREEN POWER – HT****Applicability**

This tariff is applicable to all consumers other than those covered under Category II (A) (iii): HT - who wish to avail power from Non-conventional sources of energy voluntarily and show their support to an environmental cause.

Voltage of Supply	Energy Charges (Rs./kVAh)
All Voltages	12.25

**Note:**

- i. The Tariff shall be optional and can be extended to any consumer without reference to end use purpose.
- ii. A consumer shall be entitled to Renewable Energy Certificates (RECs) as may be admissible.

**4.3 CATEGORY – III: INDUSTRY – HT****4.3.1 CATEGORY-III (A): INDUSTRY (GENERAL) – HT****Applicability**

This tariff is applicable for supply to all consumers using electricity for industrial purpose. Industrial purpose shall mean manufacturing, processing and/or preserving goods for sale, but shall not include Shops, Business Houses, Offices, Public Buildings, Hospitals, Hotels, Hostels, Choultries, Restaurants, Clubs, Theatres, Cinemas, Printing Presses, Photo Studios, Research & Development Institutions, Airports, and other similar premises (The enumeration above is illustrative but not exhaustive) notwithstanding any manufacturing, processing or preserving goods for sale.

This tariff will also apply to:

1. Water Works & Sewerage Pumping Stations operated by Government Departments or Co-operative Societies and pump sets of Railways, pumping of water by industries as subsidiary function and sewerage pumping stations operated by local bodies.
2. Workshops, flour mills, oil mills, saw mills, ice candy, ice manufacturing units with or without sale outlets.
3. The Information Technology (IT) units identified and approved by the Consultative Committee on IT industry (CCITI) constituted by GoAP.
4. Newspaper printing units.
5. Aqua hatcheries and Aqua feed mixing plants
6. Poultry hatcheries and Poultry feed mixing plants

<b>Voltage of Supply</b>	<b>Demand Charges (Rs./ kVA/ month of Billing Demand)</b>	<b>Energy Charges (Rs./kVAh)</b>
Industry, ToD (HGD) (Feb'25, Mar'25), (Apr'24- May'24) & (Sep'24-Oct'24)		
Peak (06-10 ) & (18-22)		
11KV	475.00	7.80
33KV	475.00	7.35
132KV	475.00	6.90
220 kV	475.00	6.85
Off-Peak (10 -15) & (00-06)		
11KV	475.00	5.55
33KV	475.00	5.10
132KV	475.00	4.65
220 kV	475.00	4.60
Normal (15-18) & (22-24)		
11KV	475.00	6.30
33KV	475.00	5.85
132KV	475.00	5.40
220 kV	475.00	5.35
Industry, ToD (LGD) (Jun'24-Aug'24 ) & (Nov'24-Jan'25)		
Peak (06-10 ) & (18-22)		
11KV	475.00	7.30
33KV	475.00	6.85
132KV	475.00	6.40
220 Kv	475.00	6.35
Off-Peak (10 -15) & (00-06)		
11KV	475.00	5.55
33KV	475.00	5.10
132KV	475.00	4.65
220 kV	475.00	4.60
Normal (15-18) & (22-24)		
11KV	475.00	6.30
33KV	475.00	5.85
132KV	475.00	5.40
220 kV	475.00	5.35
Industrial colonies		
All Voltages	NIL	7.00
Normal charges are applicable without ToD peak and off-peak to Aqua hatcheries and Aqua feed mixing plants and Poultry hatcheries and Poultry feed mixing plants.		

**Note:**

- i. The consumption of energy exclusively for the residential colony/township in a month, separately metered with meters installed by the consumer and tested and sealed by the Licensee shall be billed at Rs.7.00/kVAh.
- ii. In case segregation of colony consumption has not been done, 15% of the total energy consumption shall be billed at Rs.7.00/kVAh and the balance kVAh shall be charged at the corresponding energy tariff under Category-III(A): HT.
- iii. Wherever possible, colonies of industry shall be given a separate HT service under Category-I(B): Townships, Colonies, Gated Communities and Villas- HT.

**Specific Conditions**

- i. The billing demand shall be the maximum demand recorded during the month or 80% of the contracted demand whichever is higher.
- ii. Energy charges will be billed on the basis of actual energy consumption or 50 kVAh per kVA of billing demand, whichever is higher.

**4.3.2 CATEGORY-III (B): SEASONAL INDUSTRIES (OFF-SEASON) – HT****Applicability**

This tariff is applicable to a consumer who avails energy for manufacture of sugar or ice or salt, decorticating, ginning and pressing, cotton seed oil mills, seed processing, fruit processing, tobacco processing, re-drying, Rice Mills and Sago Mills and for such other industries or processes as may be approved by the Commission from time to time principally during certain seasons or limited periods in a year and his main plant is regularly closed down during certain months, he shall be charged for the months during which the plant is shut down (which period shall be referred to as the off-season period) as follows:

Voltage of Supply	Demand Charges (Rs./ kVA/month of Billing Demand*)	Energy Charges (Rs./kVAh)
220 kV	475	6.65
132 kV	475	6.70
33 kV	475	6.95
11 kV	475	7.65
* Based on the Recorded Maximum Demand or 30% of the Contracted Demand whichever is higher.		

During season period, billing shall be done as per Category-III(A): HT Industry - General tariffs.

**Specific Conditions**

- i. Consumers, classified as seasonal load consumers, who are desirous of availing the seasonal benefits shall specifically declare their season at the time of entering into agreement that their loads should be classified as seasonal loads.
- ii. The period of season shall not be less than 3 (three) continuous months. However, consumer can declare longer seasonal period as per their actual requirement.
- iii. Consumer, who desires to have a change in the period classified as “season” declared by him, shall file a revised declaration at least a month before commencement of already declared season period. Change of season period will be allowed twice in a year only.
- iv. Existing eligible consumers who have not opted earlier for seasonal tariffs will also be permitted to opt for seasonal tariff on the basis of application to the concerned Divisional Engineer of the Licensee.
- v. The off-season tariff is not available to composite units having seasonal and other categories of loads.
- vi. The off-season tariff is also not available for such of those units who have captive generation exclusively for process during season and who avail supply of Licensee for miscellaneous loads and other non-process loads.
- vii. Development charges as applicable to regular HT consumers shall be paid by the consumers for availing supply under the above said category with seasonal benefits. Consumers who have paid the development charges already as regular consumers need not pay the development charges.

**4.3.3 CATEGORY-III (C): ENERGY INTENSIVE INDUSTRIES – HT****Applicability**

This tariff is applicable to Ferro Alloy Industries, PV ingots and cell manufacturing units, Poly Silicon Industry and Aluminium Industry.

<b>Voltage of Supply</b>	<b>Demand Charges (Rs./ kVA/month)</b>	<b>Energy Charges (Rs. /kVAh)</b>
220 kV	475	4.90
132 kV	475	4.95
33 kV	475	5.35
11 kV	475	5.80

**Specific Condition:** Energy charges will be billed on the basis of actual energy consumption or Rs.50 kVAh / kVA/month of contracted demand, whichever is higher.

**4.4 CATEGORY-IV: INSTITUTIONAL – HT****4.4.1 CATEGORY-IV (A): Utilities – HT****Applicability**

The tariff is applicable to energy consumption by H.T. services pertaining to Composite Protected Water Supply (PWS) Schemes operated and / or maintained by local bodies (Panchayats, Municipalities and Municipal Corporations). The composite PWS schemes shall be as defined and modified by the Commission from time to time.

<b>Voltage of Supply</b>	<b>Demand Charges (Rs./kVA/month)</b>	<b>Energy Charges (Rs./kVAh)</b>
220 kV	475	6.65
132 kV	475	6.70
33 kV	475	6.95
11 kV	475	7.65
Minimum charges: Rs.300/kVA/Year		

**Note:** Metering is mandatory.

**4.4.2 CATEGORY-IV (B): GENERAL PURPOSE – HT****Applicability**

This tariff is applicable for supply of energy to places of Crematoriums, Govt Educational institutions and Student Hostels run by Govt agencies, Charitable institutions i.e., Public charitable trusts and societies registered under the Societies Registration Act running educational and medical institutions on no profit basis, recognized service institutions and registered old age homes, orphanages and the like rendering gratuitous service to the public at large without any profit. Government Offices and Government Hospitals shall also be billed under this category.

<b>Voltage of Supply</b>	<b>Demand Charges (Rs. /kVA/month)</b>	<b>Energy Charges (Rs. /kVAh)</b>
220 kV	475	6.95
132 kV	475	7.00
33 kV	475	7.25
11kV	475	7.95
Minimum charges: Rs.300/kVA/Year		

**Note:** Government controlled Auditoria and Theatres run by Public Charitable Institutions for the purpose of propagation of art and culture which are not used with a profit motive and other Public Charitable Institutions rendering totally free service to the general public shall also to be billed under this category.

**4.4.3 CATEGORY-IV (C): RELIGIOUS PLACES – HT****Applicability**

This tariff is applicable for supply of energy to places of worship such as Temples, Churches, Mosques, Gurudwaras and Goshalas.

<b>Voltage of Supply</b>	<b>Demand Charges (Rs. /kVA/month)</b>	<b>Energy Charges (Rs. /kVAh)</b>
All Voltages	30.00	5.00

**Specific Conditions**

- i. The billing demand shall be the Maximum Demand Recorded during the month or 80% of the contracted demand, whichever is higher.
- ii. Energy charges will be billed on the basis of actual Energy consumption or 25kVAh per kVA of Billing Demand, whichever is higher.

**4.4.4 CATEGORY-IV (D): RAILWAY TRACTION – HT****Applicability**

This tariff is applicable to H.T. Railway Traction Loads.

<b>Voltage of Supply</b>	<b>Demand Charges (Rs. /kVA/month)</b>	<b>Energy Charges (Rs. /kVAh)</b>
All Voltages	350	6.50

**Specific Conditions**

- (i) The billing demand shall be the maximum demand recorded during the month or 80% of the contracted demand whichever is higher.
- (ii) Energy charges will be billed on the basis of actual energy Consumption or 32 kVAh per kVA per month of Contracted Demand whichever is higher.

**4.5 AGRICULTURE & RELATED****4.5.1 CATEGORY-V (B): AQUA CULTURE & ANIMAL HUSBANDRY – HT****Applicability**

This tariff is applicable to Aqua Culture and Animal Husbandry, such as Poultry Farms, Pisci Culture, Prawn Culture and Dairy Farms etc.

<b>Voltage of Supply</b>	<b>Demand Charges (Rs. /kVA/month)</b>	<b>Energy Charges (Rs./kVAh)</b>
All Voltages	30	3.85



**Specific Conditions**

Energy charges will be billed on the basis of actual energy consumption or 40kVAh/ kVA per Month of Contracted Demand, whichever is higher.

The poultry farms are allowed up to 5% of the total consumption in the Poultry firm for the purpose of usage of staff quarters and office premises. For measurement of non-poultry load consumption in the poultry firms, loads are to be segregated and a separate sub-meter at the cost of consumer be installed and sealed by the DISCOMs. If during any month, non-poultry consumption exceeds 5% of total consumption, the consumption exceeding the 5 per cent in the Sub-Meter shall be billed at Non-Domestic category.

**4.5.2 CATEGORY-V (E): GOVERNMENT / PRIVATE LIFT IRRIGATION SCHEMES – HT****Applicability**

This tariff is applicable to Lift Irrigation Schemes managed by Government of A.P. and for consumers availing HT supply for irrigation.

<b>Voltage of Supply</b>	<b>Demand Charges (Rs./kVA/month)</b>	<b>Energy Charges (Rs./kVAh)</b>
All Voltages	NIL	7.15

**Note:** Metering is mandatory

**5. TEMPORARY SUPPLY – HT**

There is no separate category for temporary supply. However, Temporary supply can be released against each category with respective terms and conditions applicable and it shall be billed energy charges @ 1.5 times and same fixed charges of corresponding category.

<b>Voltage of Supply</b>	<b>Demand Charges (Rs./kVA/month)</b>	<b>Energy Charges (Rs./kVAh)</b>
All Voltages	Demand charges of corresponding category	1.5 times of the corresponding HT consumer Category

**Specific Conditions for release of HT Temporary Supply**

- i. Requests for temporary supply of energy cannot normally be considered unless there is a clear notice of three months.
- ii. Estimated cost of the works means the cost of works for making necessary arrangements for supplying energy including the cost of distribution lines, switchgear, metering equipment, etc. as may be worked out on the basis of standards and norms prescribed by the Licensees from time to time plus cost of dismantling the lines and other works when the supply is no more required less the cost of retrievable material.

- iii. (a) Estimated cost of the works as mentioned in para (ii) above shall be paid by the consumer in advance. After the works are dismantled and retrievable materials returned to stores, a bill for the actual amount payable by the consumer shall be prepared and the difference would be collected from or refunded to the consumer, as the case may be. No development charges shall be collected for temporary supply.
- (b) In addition to the aforesaid charges payable by consumers availing temporary supply, they shall pay hire charges at 2% on cost of retrievable material per month or part thereof, for the duration of temporary supply. These charges will be claimed along with the consumption bills.
- iv. (a) The consumer requiring supply on temporary basis shall be required to deposit in advance, in addition to the estimated cost of works mentioned in para (iii) (a) the estimated consumption charges at the rate stipulated in Tariff Order for Temporary supply, and worked out on the basis for use of electricity by the consumer for 6 hours per day for a period of 2 months in case the supply is required for more than 10 days. If the period of temporary supply is for 10 days or less, the advance consumption charges for the actual period requisitioned shall be paid.
- (b) The bill for electricity consumed in any month shall be prepared at the tariff applicable plus hire charges as mentioned in para (iii) (b) above. The consumers have to pay monthly CC charges regularly during the period of availing temporary supply and the estimated energy consumption deposit shall be adjusted with the last month consumption bill and the balance if any shall be refunded.
- (c) In the case of consumers requiring temporary supply for the purposes of Cinema, the estimated energy charges for a minimum period of 3 months shall have to be deposited by the consumer subject to the condition that the consumer shall pay every month energy and other miscellaneous charges for the preceding month and the amount deposited by him in advance shall be adjusted with the last month consumption bill and the balance amount shall be refunded.
- (d) In the event of estimated energy charges deposited by the consumer having been found insufficient, the consumer shall deposit such additional amount, as may be demanded by the Licensees failing which the Licensees may discontinue the supply of electricity.
- v. For new connections: Temporary supply at High Tension may be made available by the Licensees to a consumer, on his request subject to the conditions set out herein.

Temporary supply shall not ordinarily be given for a period exceeding 6 (six) months. In case of construction projects, temporary supply can be extended for a period of 3 years.

- vi. Existing consumers requiring temporary supply or temporary increase in supply: If any consumer availing regular supply of electricity at High Tension requires an additional supply of electricity at the same point for a temporary period, the temporary additional supply shall be treated as a separate service subject to the following conditions.
- a. The contracted demand of the temporary supply shall be the billing demand for that service. The recorded demand for the regular service shall be arrived at by deducting the billing demand for the temporary supply from the maximum demand recorded in the month.
  - b. The total energy consumed in a month including that relating to temporary additional supply, shall be apportioned between the regular and temporary supply in proportion to the respective billing demands.

## 6. GENERAL CONDITIONS FOR HT SUPPLY

### 6.1 Voltage of Supply

The voltage at which supply has to be availed by:

- (1) HT consumers, seeking to avail supply on common feeders shall be:

<b>For total Contracted Demand with the Licensee and all other sources</b>	
Up to 1500 kVA	At 11 kV
1501 kVA to 2500 kVA	At 11kV subject to technical feasibility or at 33 kV
2501 kVA to 5000 kVA	At 33 kV
5001 kVA to 10000 kVA	At 33 kV# subject to technical feasibility or at 132 kV
Above 10000 kVA	At 132 kV# or above, as may be decided by the licensee

**Note:**

- i. While extending power supply at 33 kV for smaller demands, proper CT ratio has to be selected.
  - ii. The DISCOMs will extend the above power supply capacities subject to technical feasibility.
  - iii. The Licensee shall ensure adequate conductor capacity and if augmentation of conducted capacity is required, the necessary augmentation charges may be collected from the consumer.
  - iv. The Licensee shall ensure voltage regulation within the specified limits.
  - v. (#) Power supply at 132 kV and above shall be through an independent (Dedicated) feeder or through Loop in Loop out (LILO) arrangement as decided by APTransco.
- (2) HT consumers seeking to avail supply through independent (dedicated) feeders from the substations where transformation to required voltage takes place shall be:

<b>For total Contracted Demand with the Licensee and all other sources</b>	
<b>Capacity</b>	<b>Supply Voltage</b>
Up to 3000 kVA	11 kV or 33 kV
3001 kVA to 5000 kVA	33 kV
5001 kVA to 20,000 kVA	33 kV or above
Above 20,000 kVA	132kv or 220 kV as may be decided by the licensee

The relaxations are subject to the fulfilment of following conditions:

- (i) The consumer shall pay full cost of the service line including take off arrangements at substation.
- (ii) In case of Category-II and Category-III consumer categories, for whom the voltage wise tariff is applicable, the Licensee shall levy the tariff as per the actual supply voltage.

Provided that the DISCOMs shall have the right to convert an existing independent feeder into an “express feeder” and in such cases, the DISCOMs shall also compensate to the existing consumer who had paid the entire cost of line including take off arrangement in the sub-station, subject to fulfilment of following conditions:

- (a) If independent feeder’s age is more than 10 years, no compensation is required to be paid to the existing consumer and no service line charges shall be collected against existing feeder.
  - (b) If the line age is less than or equal to 10 years, the prospective consumer shall pay 50% of estimated cost of line including take off arrangement up to the tapping point.
  - (c) The amount paid by the new consumer shall be adjusted against the future bills of existing consumer who has earlier paid for the cost of feeder including take off arrangement.
  - (d) Once the feeder is converted into express feeder, no compensatory charges shall be collected from the subsequent consumers to avail power supply from that express feeder.
3. HT consumers intending to avail supply through express feeder from the sub-station where transformation to required voltage takes place shall be:

**For total contracted demand with the licensees and all other sources**

Description	Capacity	Supply Voltage
Total demand of all consumers	Up to 3000 kVA	11 kV
Total demand of all consumers	3001 kVA to 20000kVA	33 kV

**Note:** The sum total of individual contracted demands shall not exceed 3000 kVA in case of 11 kV consumers and 20000 kVA in case of 33 kV consumers.

## 6.2 Voltage Surcharge

H.T. consumers who are now getting supply at voltage different from the declared voltages and who want to continue taking supply at the same voltage will be charged as per the rates indicated below:

S. No.	Contracted Demand with Licensee	Voltage at which supply should be availed (in kV)	Voltage at which consumer is availing supply (in kV)	Rates % extra over the normal rates	
				Demand Charges	Energy Charges
<b>(A) HT consumers availing supply through common feeders:</b>					
1.	2501 kVA to 5000 kVA	33	11	12%	10%
2.	5000 kVA to 10000 kVA	33	11	12%	10%
3.	Above 10000KVa	132 or 220	33 or below	12%	10%
<b>(B) HT Consumers availing supply through independent feeders:</b>					
1.	3001 to 20000 kVA	33 or above	11	12%	10%
2.	Above 20000 kVA	132 or 220	33	12%	10%
<b>Note:</b>					
i) In case of consumers who are having supply arrangements from more than one source, CMD with the Licensee or RMD, whichever is higher shall be the basis for levying voltage surcharge.					
ii) The Voltage Surcharge is applicable to only existing services and licensees shall not release new services at less than specified voltage corresponding to contracted demand.					

## 6.3 Maximum Demand

The maximum demand of supply of electricity to a consumer during a month shall be twice the largest number of kilo-volt-ampere hours (kVAh) delivered at the point of supply to the consumer during any consecutive 30 minutes in the month. However, for the consumers having contracted demand above 4000 kVA the maximum demand shall be four times the largest number of kilo-volt-ampere-hours (kVAh) delivered at the point of supply to the consumer during any consecutive 15 minutes in the month.

## 6.4 Billing Demand

The Billing demand shall be the maximum demand recorded during the month or 80% of the contracted demand whichever is higher, except Category-I(B):HT i.e. Townships, Colonies, Gated Communities and Villas. For Category-I(B): HT the minimum billing condition of 80% of the contracted demand shall not be applicable.

## 6.5 Monthly Minimum Charges

Every consumer whether he consumes energy or not shall pay monthly minimum charges calculated on the billing demand plus energy charges specified for each category to cover the cost of a part of the fixed charges of the Licensee.

**6.6 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 (penal charges only on excess energy) calculated in proportion to the excess demand:

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

**6.7 Additional Charges for delayed payment**

The Licensees shall charge the Delayed Payment Surcharge (DPS) per month on monthly consumption charges only at the rate of 5 paise/ 100/day or 550 whichever is higher. In case of grant of installments, the Licensees shall levy interest at the rate of 18% per annum on the outstanding amounts, compounded annually and both shall not be levied at the same time.

**6.8 Customer charges**

Every HT Consumer shall pay customer charges as applicable to them, in addition to demand and energy charges billed.

**6.9 Maintenance of Power Factor at consumer end**

HT consumers, who are provided with metering capable of measuring active and reactive power under the orders of the Commission, shall maintain their power factor preferably in between 0.95 Lag and 0.95 Lead in the interest of the system security. The consumers should not maintain the power factor leading side less than 0.95 Lead. If any consumer maintains the power factor less than 0.95 Lead for a period of 2 consecutive months, it must be brought back in the range of  $\pm 0.95$  within a period of 3 months failing which without prejudice to such other rights as having accrued to the licensees or any other right of the licensees the supply to the consumer maybe discontinued.

**7 OTHER CHARGES FOR HT SUPPLY****7.1 Service Connection Charges**

The service connection charges shall be collected as per the Regulations issued by the Commission from time to time.

**7.2 Reconnection**

All Categories	Charges
11 kV	2000
33 kV	4000
132/220 kV	6000

**7.3 Testing**

(a) Installations:	Charges
The first test and inspection of a new installation or of an extension to an existing installation.	Nil
Charges payable by the consumer in advance for each subsequent test and/or inspection if found necessary owing to any fault in the installation or to non-compliance of the conditions of supply	Rs. 300
(b) Meter	Rs.5000
(c) Transformer Oil:	
First sample of oil	Rs. 200
Additional sample of oil of the same equipment received at the same time	Rs. 300

**7.4 Miscellaneous Charges**

(a) Application Registration Fees	Rs. 500
(b) For changing meter only at the request of the consumer (where it is not necessitated by increase in Demand permanently)	Rs. 1000
(c) For changing or moving a meter board	Actual cost of material and labour plus 25% supervision charges on cost of materials and labour.
(d) Customer Charges:	
All categories - 11 kV	Rs. 1406/month
All categories - 33 kV & above	Rs. 2813/month
(e) Urgency charges for temporary supply at short notice	Rs. 1000
(f) Special rates chargeable for theft/pilferage and malpractice cases	As per the General Terms and conditions of Supply (GTCS) approved by the Commission from time to time
(g) Supervision/Inspection & checking charges	Rs. 1000

**7.5 Miscellaneous works (HT)**

The charges for any work which the Licensee may be required to undertake for the consumer and which is not included in the foregoing schedule, shall be the actual cost of labour and material plus 25% on cost of labour and material to cover overhead charges. The aforesaid charges shall be paid by the consumer in advance.

**7.6** Grid support charges/parallel operation charges for FY2024-25 shall be collected from only co-located captive power plants. The captive power plant status shall be verified as per the MoP rules and CEA guidelines in this regard. The other conditions are as mentioned below:

- i. The parallel operation/grid support charges are to be applied to the total installed capacity of the generators connected to the Grid duly deducting the OA capacity or the PPA capacity if any with the DISCOMS.
- ii. Conventional CPPs shall pay Rs.50 per kW per month.
- iii. Renewable energy plants including waste heat recovery plants, the plants based on municipal solid waste, and the co-gen plants shall pay Rs.25 kW per month.
- iv. Rooftop solar plants under net metering/gross metering policy shall pay Rs.15 per kW per month.
- v. Co-gen sugar mills shall pay charges of Rs. 25 per kW per month, for a period of 4 months or actual operation period, whichever is higher.
- vi. These charges shall not be applicable when the plants are under shutdown for any reason and when such shutdown period exceeds two months.

**7.7 Green Tariff**

Renewable Energy procurement from Distribution Licensee by obligated entities/non-obligated entities at Green Tariff without need to change of category. The obligated/non-obligated entities may purchase Renewable Energy from the Distribution Licensee in the following manner:

- i. Any entity may elect to purchase Renewable Energy either up to a certain percentage of the consumption or its entire consumption and accordingly, they shall place a requisition for this with their distribution licensee, three months before the date of the commencement of the financial year during which the entities intended to procure from FY 2024-25. For the balance period of FY 2023-24, the entities may place a requisition with their distribution licensee within one month from the date of this regulation coming in to force. Then, the distribution licensee shall procure such quantity of Renewable Energy and supply it to the entities concerned.
- ii. The obligated entities may purchase on a voluntary basis, more renewable energy than their obligation and up to a hundred percent. The percentage of renewable energy requisite by obligated/non-obligated entities from the distribution licensees shall not be less than RPO specified by the Government of India/APERC for the obligated entities whichever is higher for that financial year.



- iii. The Green Tariff for the Renewable Energy supplied by the distribution licensee for FY 2023-24 shall be 75 paise over and above the normally applicable tariff for respective entities as per the RST Order for FY 2023-24 issued by the Commission. This tariff for future years will be as per RST Orders to be issued by the Commission. The energy consumed at 75 paise over and above the normally applicable tariff out of the total energy consumed by the entities from the distribution licensees shall be treated as the Renewable Energy supplied by the distribution licensee during that billing month. The Distribution Licensee shall issue the monthly digital certificate ( physical certificate on specific request ) to such consumers certifying the quantity of Renewable Energy out of the total consumption.
- iv. All electricity consumers in the State have the option to source 100% Renewable Energy power by additionally paying above stated Green Tariff at their respective categories without to opt a separate category “ Green Power” that is already in place as per RST Order approved by the Commission.
- v. Any requisition for Renewable Energy from a distribution licensee shall be for a minimum period of one year from FY 2024-25 and a balance period for FY 2023-24 and accordingly, month-wise energy shall be specified.
- vi. The Renewable Energy purchased from the distribution licensee in excess of the Renewable Purchase Obligation of an obligated entity and 100 percent of energy procured by the non-obligated entities shall be counted towards Renewable Purchase Obligation compliance of the distribution licensee;
- vii. The revenue earned by the distribution licensee from the sale of renewable energy to entities/consumers under the Green Tariff shall be considered as revenue from the sale of power. The Distribution Licensee shall separately maintain tariff category and sub-category-wise accounting of no. of consumers, connected load, sale, and revenue from sale under the Green Tariff for consumers and the same shall be shown separately by the distribution licensees at the time of ARR filings, and truing up.
- viii. The distribution licensee shall give a Green Stars certificate on a yearly basis to the entities for the green energy supplied by it for Renewable Energy beyond the renewable purchase obligation (RPO) for obligated entities notified by the government of India/APERC whichever is higher. The entities/consumers shall be given a Green Stars Rating based on Renewable Energy procurement during the financial year as below:
  - a. 100 per cent of consumption: 5 Green Stars
  - b. 75 per cent of consumption: 4 Green Stars
  - c. 50 per cent of consumption : 3 Green Stars

Accordingly, the distribution licensee shall issue a “Green Stars Certificate” to all the eligible entities within three months after the completion of that financial year. The certificate format shall be as approved by the Commission. Such green stars shall be also indicated in their monthly bills based on the month-wise requisitions for

renewable energy and total consumption of the month as per the percentages indicated above.

- ix. Non-obligated entities of any category including the domestic consumers at any voltage level may opt to procure the Renewable Energy as per the procedure stated above.
  - x. The Distribution licensees shall give wide publicity at regular intervals during the year about the availability of RE power through newspapers/media/interaction meetings with the industrial consumers based on their Renewable Power procurement status.
  - xi. The green power for consumers availing green tariff shall be “subject to availability of RE” in the respective DISCOS.”
172. The payment of subsidy amounts indicated in the beginning of this chapter must be made by the Government of Andhra Pradesh to the Licensees in equal monthly instalments, in advance. The subsidy accounting and payment including the interest on subsidy if it gets delayed shall be done by GoAP as per the SoP communicated by the MoP.GoI dated 03.07.2023.
173. The above determined rates for “Category I (A): Domestic-LT” & “Category V: Agriculture & Others-LT” consumers, for all the three licensees are contingent on payment of subsidy as agreed by the GoAP, failing which, the rates contained in the full cost recovery tariff schedule (Chapter-IX of this order) will become operative.
174. The rates indicated in the Retail Supply Tariff Schedule for FY2024-25 together with the terms and conditions prescribed thereunder shall be applicable in the areas of operation of 3 (three) Distribution Companies viz. Eastern Power Distribution Company of A.P. Limited (APEPDCL) and Southern Power Distribution Company of A.P. Limited (APSPDCL) and Andhra Pradesh Central Power Distribution Corporation Ltd (APCPDCL) w.e.f. 01-04-2024 to 31-03-2025.

## CHAPTER – XI

### CROSS SUBSIDY SURCHARGE AND ADDITIONAL SURCHARGE

#### Introduction

175. Sections 39(2) (d) (ii) and 40(c) (ii) of the Electricity Act, 2003 (hereinafter referred to as ‘the Act’) provide for payment of a Surcharge (hereinafter referred to as ‘the Cross Subsidy Surcharge’) when a transmission system is used for open access for supply of electricity to a consumer. Section 42(2) of the Act provides for payment of a surcharge in addition to the wheeling charges as determined by the State Commission. As per these provisions, the Cross-Subsidy Surcharge (CSS) has to be levied on the consumers who opt for open access which have to be utilized to meet the requirements of the current level of cross-subsidy.
176. Section 42(4) of the Act provides that a consumer permitted to receive the supply of electricity from a person other than the Distribution Licensee of the area in which such consumer is located shall be liable to pay an Additional Surcharge to meet the fixed costs of the distribution licensee arising out of his obligation to supply.

#### Licensees' proposals

177. The three distribution licensees viz., Southern Power Distribution Company of A.P. Ltd. (APSPDCL), Eastern Power Distribution Company of A.P. Ltd (APEPDCL) and Central Power Distribution Corporation Limited (APCPDCL), along with ARR & Tariff filings for determination of tariff for the retail sale of electricity for FY2024-25, have submitted the proposals for CSS (Cross Subsidy Surcharge), stated to be based on the formula specified in the National Tariff Policy, 2016. The CSS proposed by the Licensees for different categories of consumers is shown in the tables below:

Table 78: Filing - APSPDCL - Cross Subsidy Surcharges for FY2024-25

Consumer Categories		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 as per APERC (Rs/unit)
		T	C	D	L	R	$S=T-[C/(1-L/100)]+D+R]$	$A=0.2*T$	$CSS=Lesser\ of\ S\ and\ A$
<b>HT Category</b>									
<b>11 kV</b>									
HT-I(B)	Townships, Colonies, Gated Communities Villas	7.55	4.69	2.20	9.71%	0.00	0.15	1.51	0.15
HT-II(A)	Commercial & Others	11.16	4.69	2.20	9.71%	0.00	3.76	2.23	2.23
HT-II(A)	Function Halls/Auditoriums	12.25	4.69	2.20	9.71%	0.00	4.85	2.45	2.45
HT II(B)	Start up power	12.25	4.69	2.20	9.71%	0.00	4.85	2.45	2.45
HT II(D)	Green Power	12.25	4.69	2.20	9.71%	0.00	4.85	2.45	2.45
HT III(A)	Industry	9.18	4.69	2.20	9.71%	0.00	1.78	1.84	1.78
HT-III(B)	Seasonal Industries(Off Season)	13.39	4.69	2.20	9.71%	0.00	5.98	2.68	2.68
HT-III(C)	Energy Intensive Industries	7.84	4.69	2.20	9.71%	0.00	0.44	1.57	0.44
HT-IV(A)	Utilities (Composite Protected Water Supply Schemes)	9.75	4.69	2.20	9.71%	0.00	2.35	1.95	1.95
HT-IV(B)	General Purpose	11.53	4.69	2.20	9.71%	0.00	4.13	2.31	2.31
<b>33 kV</b>									
HT-I(B)	Townships, Colonies, Gated Communities Villas	7.65	4.69	0.87	6.63%	0.00	1.76	1.53	1.53
HT-II(A)	Commercial & Others	10.69	4.69	0.87	6.63%	0.00	4.80	2.14	2.14
HT II(B)	Start up power	12.25	4.69	0.87	6.63%	0.00	6.36	2.45	2.45
HT II(D)	Green Power	12.25	4.69	0.87	6.63%	0.00	6.36	2.45	2.45
HT III(A)	Industrial General	7.48	4.69	0.87	6.63%	0.00	1.59	1.50	1.50
HT-III(B)	Seasonal Industries(Off Season)	15.20	4.69	0.87	6.63%	0.00	9.30	3.04	3.04
HT-III(C)	Energy Intensive Industries	6.27	4.69	0.87	6.63%	0.00	0.38	1.25	0.38
HT-IV(A)	Utilities (Composite Protected Water Supply Schemes)	8.98	4.69	0.87	6.63%	0.00	3.08	1.80	1.80
HT-IV(B)	General Purpose	9.22	4.69	0.87	6.63%	0.00	3.33	1.84	1.84
HT-IV(C)	Religious Places	5.08	4.69	0.87	6.63%	0.00	0.00	1.02	0.00
HT-V(E)	Government / Private Lift Irrigation	7.15	4.69	0.87	6.63%	0.00	1.26	1.43	1.26
<b>132 kV</b>									
HT-II(A)	Commercial & Others	9.10	4.69	0.75	3.55%	0.00	3.49	1.82	1.82
HT II(B)	Start up power	12.25	4.69	0.75	3.55%	0.00	6.64	2.45	2.45
HT III(A)	Industrial General	6.60	4.69	0.75	3.55%	0.00	0.99	1.32	0.99
HT-III(C)	Energy Intensive Industries	5.90	4.69	0.75	3.55%	0.00	0.28	1.18	0.28
HT-IV(D)	Railway Traction	8.07	4.69	0.75	3.55%	0.00	2.45	1.61	1.61
HT-V(E)	Government / Private Lift Irrigation	7.15	4.69	0.75	3.55%	0.00	1.54	1.43	1.43
<b>220 kV</b>									
HT III(A)	Industrial General	6.56	4.69	0.75	3.55%	0.00	0.94	1.31	0.94
HT-IV(D)	Railway Traction	8.48	4.69	0.75	3.55%	0.00	2.87	1.70	1.70
HT-V(E)	Government / Private Lift Irrigation	7.15	4.69	0.75	3.55%	0.00	1.54	1.43	1.43

Table 79 : Filing - APCPDCL - Cross Subsidy Surcharges for FY 2024-25

Consumer Category			Average Revenue Realization (Excluding Customer charges, Minimum charges, NTI, DPS) (Rs./unit) (T)	Per unit weighted average cost of power purchase (Rs./unit) (C)	Transmission, distribution and wheeling charge (Rs./Unit) (D)	Applicable Loss % (L)	Carrying cost of Regulatory assests (Rs./Unit) (R)	Cross Subsidy Surcharge (Rs./Unit)	20 % of Average realization	Applicable CSS (Rs./Unit)
<b>11 KV</b>										
I	B	Townships, Colonies, Gated Communities and Villas	7.53	4.70	1.63	9.50	0.00	0.71	1.51	0.71
II	A	Commercial	11.54	4.70	1.63	9.50	0.00	4.72	2.31	2.31
II	A	Function Halls / Auditoriums	12.25	4.70	1.63	9.50	0.00	5.43	2.45	2.45
II	B	Start up power	12.25	4.70	1.63	9.50	0.00	5.43	2.45	2.45
II	D	Green Power	12.25	4.70	1.63	9.50	0.00	5.43	2.45	2.45
III	A	Industry	9.65	4.70	1.63	9.50	0.00	2.84	1.93	1.93
III	B	Seasonal Industries	20.12	4.70	1.63	9.50	0.00	13.30	4.02	4.02
III	C	Energy Intensive Industries	7.09	4.70	1.63	9.50	0.00	0.27	1.42	0.27
IV	A	Utilities	9.41	4.70	1.63	9.50	0.00	2.59	1.88	1.88
IV	B	General Purpose	11.71	4.70	1.63	9.50	0.00	4.89	2.34	2.34
V	E	Government / Private Lift Irrigation	7.15	4.70	1.63	9.50	0.00	0.33	1.43	0.33
<b>33 KV</b>										
I	B	Townships, Colonies, Gated Communities and Villas	7.49	4.70	0.67	6.55	0.00	1.79	1.50	1.50
II	A	Commercial	9.21	4.70	0.67	6.55	0.00	3.51	1.84	1.84
II	B	Start up power	12.25	4.70	0.67	6.55	0.00	6.55	2.45	2.45
III	A	Industry	7.52	4.70	0.67	6.55	0.00	1.83	1.50	1.50
III	B	Seasonal Industries	6.95	4.70	0.67	6.55	0.00	1.25	1.39	1.25
IV	B	General Purpose	9.56	4.70	0.67	6.55	0.00	3.86	1.91	1.91
V	E	Government / Private Lift Irrigation	7.15	4.70	0.67	6.55	0.00	1.45	1.43	1.43
<b>132 KV</b>										
II	B	Start up power	12.25	4.70	0.56	3.55	0.00	6.82	2.45	2.45
II	D	Green Power	12.25	4.70	0.56	3.55	0.00	6.82	2.45	2.45
III	A	Industry	6.75	4.70	0.56	3.55	0.00	1.33	1.35	1.33
IV	D	Railway Traction	7.56	4.70	0.56	3.55	0.00	2.14	1.51	1.51
V	E	Government / Private Lift Irrigation	7.15	4.70	0.56	3.55	0.00	1.72	1.43	1.43

Table 80: Filing - APEPDCL - Cross Subsidy Surcharges for FY2024-25

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)
			T	C	D	L	R	$S=T-(C/(1-L/100))+D+R$	$A = 0.2*T$	CSS= min (S,A)
<b>HT SUPPLY</b>										
<b>11kV</b>										
I	B	Townships, Colonies, Gated Communities and Villas	7.51	4.69	1.51	9.93%	0.00	0.78	1.50	0.78
II	A (ii)	Commercial & Others	11.30	4.69	1.51	9.93%	0.00	4.58	2.26	2.26
II	A(iv)	Function Halls/Auditoriums	12.25	4.69	1.51	9.93%	0.00	5.53	2.45	2.45
II	B	Startup Power	12.25	4.69	1.51	9.93%	0.00	5.53	2.45	2.45
III	A	Industrial General	8.43	4.69	1.51	9.93%	0.00	1.71	1.69	1.69
III	B	Seasonal Industries	17.77	4.69	1.51	9.93%	0.00	11.05	3.55	3.55
IV	A	Utilities	9.46	4.69	1.51	9.93%	0.00	2.74	1.89	1.89
IV	B	General Purpose	12.49	4.69	1.51	9.93%	0.00	5.76	2.50	2.50
V	E	Government / Private Lift Irrigation Schemes	7.15	4.69	1.51	9.93%	0.00	0.43	1.43	0.43
<b>33 kV</b>										
I	B	Townships, Colonies, Gated Communities and Villas	7.30	4.69	0.58	6.77%	0.00	1.68	1.46	1.46
II	A (ii)	Commercial & Others	9.79	4.69	0.58	6.77%	0.00	4.18	1.96	1.96
II	B	Startup Power	12.25	4.69	0.58	6.77%	0.00	6.64	2.45	2.45
III	A	Industrial General	7.31	4.69	0.58	6.77%	0.00	1.69	1.46	1.46
III	B	Seasonal Industries	9.44	4.69	0.58	6.77%	0.00	3.83	1.89	1.89
III	C	Energy Intensive Industries	7.01	4.69	0.58	6.77%	0.00	1.39	1.40	1.39
IV	A	Utilities	15.63	4.69	0.58	6.77%	0.00	10.01	3.13	3.13
V	E	Government / Private Lift Irrigation Schemes	7.15	4.69	0.58	6.77%	0.00	1.54	1.43	1.43
<b>132kV</b>										
II	A (ii)	Commercial & Others	12.64	4.69	0.49	3.55%	0.00	7.28	2.53	2.53
II	B	Startup Power	12.25	4.69	0.49	3.55%	0.00	6.89	2.45	2.45
III	A	Industrial General	6.83	4.69	0.49	3.55%	0.00	1.48	1.37	1.37
III	C	Energy Intensive Industries	5.70	4.69	0.49	3.55%	0.00	0.34	1.14	0.34
IV	D	Railway Traction	7.83	4.69	0.49	3.55%	0.00	2.47	1.57	1.57
<b>220 kV</b>										
II	A (ii)	Commercial & Others	7.62	4.69	0.49	3.55%	0.00	2.27	1.52	1.52
II	B	Startup Power	12.25	4.69	0.49	3.55%	0.00	6.89	2.45	2.45
III	A	Industrial General	6.64	4.69	0.49	3.55%	0.00	1.29	1.33	1.29
III	C	Energy Intensive Industries	5.65	4.69	0.49	3.55%	0.00	0.30	1.13	0.30
V	E	Government / Private Lift Irrigation Schemes	7.15	4.69	0.49	3.55%	0.00	1.79	1.43	1.43

178. **Objections/Views/Suggestions:**

- i. Andhra Sugars Ltd. stated that the Proposed CSS is on the Higher Side and also it differs between DISCOM and DISCOM to a large extent. There is no wisdom in imposing a cross-subsidy surcharge and an additional surcharge that makes Open Access impossible, illusory, and which will inflict wholly unjustified and warranted costs.

**APEPDCL's Response:** The Proposals on Cross Subsidy Surcharge (CSS) for FY 2024-25 are filed before the Hon'ble APERC in accordance with the National Tariff Policy (NTP) issued by the Ministry of Power, Govt. of India limiting the CSS to 20% of tariff applicable for a particular category only.

- ii. Electro Steel Casting stated that Demand charges have been added to the value of "T" while calculating CSS, due to which CSS value has increased. That demand charges are payable irrespective of purchase or no purchase of power through open access. There is no loss to DISCOM on account of demand charges if the consumer purchases power through open access. Thus, this should not form part of the value of "T".

**APSPDCL's Response:** The objector has filed Appeal No.302 of 2021 before Honourable APTEL stating that demand charges should not form part of 'T' in the Cross Subsidy Surcharge formula among many other grounds and DISCOM has filed its detailed response before the Honourable APTEL and that the case is pending.

- iii. Sri Chakra Cements Limited during the public hearings requested that the Cross Subsidy surcharge needs to be reduced. AP Textile Mills Association stated that the Cross Subsidy Surcharge proposed by DISCOMs is on a higher side.

**DISCOMs' Response:** The **matter** is in the purview of APERC.

**Commission's View, Analysis, and Decision:**

179. The limitations imposed by the statute and the Tariff Policy are being strictly followed by the Commission in letter and spirit while determining the CSS. In the formula provided in NTP for computation of CSS, 'T' is the tariff payable by the relevant category of consumers, including the Renewable Purchase Obligation. Indisputably tariff consists of two parts, namely, Demand and Energy charges. The formula has not excluded the demand part for calculating the Cross-Subsidy Surcharge. Therefore, the Cross-Subsidy Surcharge calculated by the DISCOMs strictly in accordance with the NTP-2016 formula does not suffer from any error requiring the Commission's intervention. However, this issue is subjudice before the Hon'ble APTEL for adjudication, and the Commission would abide by the decision of the Hon'ble APTEL

in this regard. For the energy drawn under an open access agreement with the utilities, the consumer has to pay CSS as per section 42 (2) of the Electricity Act 2003. While determining CSS, the Commission strictly followed the formula in NTP and hence any objection in this regard will have no merits. Further, if the CSS so computed is negative or zero for any category, the CSS is not specified for such categories or consumers in the Order. Furthermore, the Commission decided to determine the CSS for a category as a whole for Commercial & Others, Agricultural & related activities, Industries as a whole excluding the Energy Intensive Industries, and Institutional consumers as a whole excluding Railway traction to simplify the structure of CSS charges.

### Determination of CSS

180. The formula specified for the computation of CSS is provided in the NTP as follows.

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

Where '**S**' is the Cross-Subsidy Surcharge (Rs/unit),

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

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

**'D'** is the aggregate of transmission, distribution and wheeling charge **applicable** to the relevant voltage level (Rs/unit),

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

**'R'** is the **per** unit cost of carrying regulatory assets (Rs/unit).

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

*The values of 'T', 'C', 'L', 'D', and 'R' in the above formula have been computed by the Commission as follows.*

(i) **Computation of 'T'** (Tariff payable by the relevant category of consumers (Rs/unit), including reflecting the Renewable Purchase Obligation): The Tariff is two parts consisting of Demand and Energy Charges. The Tariff 'T' is arrived at by dividing the total estimated revenue (excluding other charges like Customer Charge, Minimum Charge, and NTI) from each category by the total sale of energy to that category as considered in this order. The applicable 'T' for each category of consumer is shown in the table below for ready reference:



Consumer Categories		SALES, MU			Fixed + Energy Charges (Rs. Cr)			Average Realization (Excluding Customer Charges, Minimum Charges, NTI, DPS) (Rs./unit) (T)		
		SPDCL	CPDCL	EPDCL	SPDCL	CPDCL	EPDCL	SPDCL	CPDCL	EPDCL
<b>HT Category</b>										
<b>11 kV</b>										
I	Townships, Colonies, Gated Communities and Villas	15.72	11.29	23.89	11.81	8.75	17.86	7.52	7.75	7.48
II	Commercial & Others	428.38	481.68	656.06	459.05	542.01	730.96	10.72	11.25	11.14
III (A,B,D)	Industry	1147.96	1051.36	1782.9	1029.95	1017.58	1515.23	8.97	9.68	8.50
III(C)	Energy Intensive Industries	1.57	1.17	0.00	1.23	0.83	0.00	7.83	7.09	0.00
IV	Institutional	223.68	137.96	199.86	208.75	139.55	190.74	9.33	10.12	9.54
V	Agricultural & Related	131.35	53.65	41.96	87.14	34.02	23.66	6.63	6.34	5.64
<b>33 kV</b>										
I	Townships, Colonies, Gated Communities and Villas	2.28	3.71	13.11	1.74	2.78	9.55	7.65	7.49	7.28
II	Commercial & Others	84.28	118.11	267.85	90.15	109.27	256.46	10.70	9.25	9.57
III (A,B,D)	Industry	2587.96	1501.53	2536.86	1929.65	1148.76	1856.25	7.46	7.65	7.32
III(C)	Energy Intensive Industries	211.58	0.00	250.91	132.60	0.00	149.84	6.27	0.00	5.97
IV	Institutional	124.58	32.22	13.37	94.37	30.80	12.22	7.58	9.56	9.14
V	Agricultural & Related	132.9	25.47	1.22	95.02	18.21	0.87	7.15	7.15	7.15
<b>132 kV</b>										
II	Commercial & Others	55.22	0.21	37.28	52.35	0.26	47.08	9.48	12.25	12.63
III (A,B,D)	Industry	3607.13	391.29	1869.97	2379.87	293.15	1277.60	6.60	7.49	6.83
III(C)	Energy Intensive Industries	463.97	0.00	2,554.55	273.52	0.00	1453.40	5.90	0.00	5.69
IV(D)	Railway Traction	851.24	472.82	1,102.42	680.31	361.09	849.92	7.99	7.64	7.71
V	Agricultural & Related	149.35	0.88	0.00	106.79	0.63	0.00	7.15	7.15	0.00

Consumer Categories		SALES, MU			Fixed + Energy Charges (Rs. Cr)			Average Realization (Excluding Customer Charges, Minimum Charges, NTI, DPS) (Rs./unit) (T)		
		SPDCL	CPDCL	EPDCL	SPDCL	CPDCL	EPDCL	SPDCL	CPDCL	EPDCL
<b>220 KV</b>										
II	Commercial & Others	1.12	0.00	109.51	1.37	0.00	86.10	12.25	0.00	7.86
III (A,B,D)	Industry	635.94	0.00	1436.96	417.23	0.00	954.46	6.56	0.00	6.64
III	Energy Intensive Industries	0.00	0.00	1,960.15	0.00	0.00	1108.10	0.00	0.00	5.65
IV(D)	Railway Traction	172.48	0.00	0.00	144.31	0.00	0.00	8.37	0.00	0.00
V	Agricultural & Related	414.39	0.00	46.82	296.29	0.00	33.48	7.15	0.00	7.15

(ii) **Computation of 'C'** (per unit weighted average cost of power purchase by the Licensee (Rs/unit), including meeting the Renewable Purchase Obligation): The licensee wise power purchase cost for FY2024-25 has been calculated by the Commission in the chapter -IV of this order and the same has been adopted for computation of CSS. The summary is shown below for ready reference:

Licensee	Power Purchase (MU)	Total Cost (in Rs. Cr.)	Weighted Cost of Power Purchase (Rs. / Unit)
APSPDCL	31294	14706	4.70
APCPDCL	17282	8122	4.70
APEPDCL	32449	15249	4.70

(iii) **Computation of 'D'** (the aggregate of transmission, distribution and wheeling charge applicable to the relevant voltage level (Rs/unit)):

Step1: Applicable wheeling charges at various voltage levels & Transmission charges and PGCIL charges as approved for FY2024-25 in this order by the Commission have been adopted for computation of 'D' and the same are shown below for ready reference.

**Transmission & Wheeling Charges:**

<b>Network</b>	<b>(132 kV and above) (Rs./kVA/month)</b>	<b>33kV (Rs./kVA/month)</b>	<b>11kV (Rs.kVA/month)</b>
APSPDCL	221.17	60.48	675.36
APCPDCL	221.17	59.62	476.93
APEPDCL	221.17	38.23	395.06

**PGCIL Charges:**

<b>Network</b>	<b>PGCIL charges (Rs. Crs.)</b>	<b>Total PPR for FY2024-25 (MU)</b>
APSPDCL	556.17	31294.00
APCPDCL	307.15	17282.40
APEPDCL	576.69	32,448.63

Step 2: The per unit value of Wheeling and/or Transmission and PGCIL charges are arrived at by using the formula shown below:

(i) Wheeling or Transmission Charge (Rs/kW/month)/720 (30\*24). The wheeling charges component of the Network business of DISCOMS is considered.

(ii) PGCIL Charges (Cr.)\*10/PPR (MU)

Accordingly, the per unit values of Wheeling, Transmission, and PGCIL charges computed are shown below:

<b>Network</b>	<b>PGCIL Charges (Rs./kWh)</b>	<b>220kV (Rs./kWh)</b>	<b>132kV (Rs./kWh)</b>	<b>33kV (Rs./kWh)</b>	<b>11kV (Rs./kWh)</b>
APSPDCL	0.18	0.31	0.31	0.08	0.94
APCPDCL	0.18	0.31	0.31	0.08	0.66
APEPDCL	0.18	0.31	0.31	0.05	0.55

Step 3: The aggregate of transmission, distribution and wheeling charge applicable to the relevant voltage level (Rs/unit) computed for each licensee based on step 1 and step 2 is as shown below:

**APSPDCL:**

Sl. No.	Voltage level	Rs./Unit	Aggregate of transmission, distribution and wheeling charge	
1	11 kV	0.94	(1+2+3+5)	1.51
2	33 kV	0.08	(2+3+5)	0.57
3	132 kV	0.31	(3+5)	0.48
4	200 kV	0.31	(4+5)	0.48
5	PGCIL	0.18		

**APCPDCL:**

Sl. No.	Voltage level	Rs./Unit	Aggregate of transmission, distribution and wheeling charge	
1	11 kV	0.66	(1+2+3+5)	1.23
2	33 kV	0.08	(2+3+5)	0.57
3	132 kV	0.31	(3+5)	0.48
4	200 kV	0.31	(4+5)	0.48
5	PGCIL	0.18		

**APEPDCL:**

Sl. No.	Voltage level	Rs./Unit	Aggregate of transmission, distribution and wheeling charge	
1	11 kV	0.68	(1+2+3+5)	1.26
2	33 kV	0.09	(2+3+5)	0.58
3	132 kV	0.31	(3+5)	0.49
4	200 kV	0.31	(4+5)	0.49
5	PGCIL	0.18		

(iv) **Computation of “L”** (Aggregate of transmission, distribution and commercial losses, expressed as a percentage applicable to the relevant voltage level): The losses as approved by the Commission in chapter III of this order are adopted for computation of L which are shown below licensee wise for ready reference:

**APSPDCL:**

Network	132 kV and 220 kV	33kV	11kV	Aggregate loss
	(a)	(b)	(c)	$L=\{1-(1-a)*(1-b)*(1-c)\}$
For 11kV Consumer	3.55%	2.99%	3.06%	9.30%
For 33kV Consumer	3.55%	2.99%	0.00%	6.43%
For 132 kV and 220kV consumer	3.55%	0.00%	0.00%	3.55%

**APCPDCL:**

Network	132 kV and 220 kV	33kV	11kV	Aggregate loss
	(a)	(b)	(c)	$L=\{1-(1-a)*(1-b)*(1-c)\}$
For 11kV Consumer	3.55%	2.99%	3.06%	9.30%
For 33kV Consumer	3.55%	2.99%	0.00%	6.43%
For 132 kV and 220kV consumer	3.55%	0.00%	0.00%	3.55%

**APEPDCL:**

Network	132 kV and 220 kV	33kV	11kV	Aggregate loss
	(a)	(b)	(c)	$L=\{1-(1-a)*(1-b)*(1-c)\}$
For 11kV Consumer	3.55%	2.74%	3.39%	9.37%
For 33kV Consumer	3.55%	2.74%	0.00%	6.19%
For 132 kV and 220kV consumer	3.55%	0.00%	0.00%	3.55%

(v) **Computation of 'R'** (Unit cost of carrying regulatory assets (Rs/unit)): As there is no regulatory asset, its value is zero.

181. The Commission by adopting the values as computed above in the formula provided in NTP, 2016, has computed the CSS for different categories of consumers for FY2024-25 licensee-wise, duly limiting it to + 20 percent of tariff payable by respective categories of consumers wherever CSS arrived by the formula is more than 20 percent of Tariff. Accordingly, the CSS applicable for different categories of consumers for FY2024-25 in each license area is shown in the tables below:

Table 81: Approved - APSPDCL - Cross Subsidy Surcharges for FY2024-25

Consumer Categories		Average Realization (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 as per APERC (Rs/unit)
		T	C	D	L	R	$S=T-[C/(1-L/100)+D+R]$	$A=0.2*T$	CSS=Lesser of S and A
		<b>11 kV</b>							
I	Townships, Colonies, Gated Communities Villas	7.52	4.70	1.51	9.30%	0.00	0.82	1.50	0.82
II	Commercial & Others	10.72	4.70	1.51	9.30%	0.00	4.02	2.14	2.14
III (A,B,D)	Industry	8.97	4.70	1.51	9.30%	0.00	2.28	1.79	1.79
III(C)	Energy Intensive Industries	7.83	4.70	1.51	9.30%	0.00	1.14	1.57	1.14
IV	Institutional	9.33	4.70	1.51	9.30%	0.00	2.64	1.87	1.87
<b>33 kV</b>									
I	Townships, Colonies, Gated Communities Villas	7.65	4.70	0.57	6.43%	0.00	2.06	1.53	1.53
II	Commercial & Others	10.70	4.70	0.57	6.43%	0.00	5.11	2.14	2.14
III (A,B,D)	Industry	7.46	4.70	0.57	6.43%	0.00	1.86	1.49	1.49
III(C)	Energy Intensive Industries	6.27	4.70	0.57	6.43%	0.00	0.68	1.25	0.68
IV	Institutional	7.58	4.70	0.57	6.43%	0.00	1.98	1.52	1.52
V	Agricultural & Related	7.15	4.70	0.57	6.43%	0.00	1.56	1.43	1.43
<b>132 kV</b>									
II	Commercial & Others	9.48	4.70	0.48	3.55%	0.00	4.12	1.90	1.90
III (A,B,D)	Industry	6.60	4.70	0.48	3.55%	0.00	1.24	1.32	1.24
III(C)	Energy Intensive Industries	5.90	4.70	0.48	3.55%	0.00	0.54	1.18	0.54
IV(D)	Railway Traction	7.99	4.70	0.48	3.55%	0.00	2.63	1.60	1.60
V	Agricultural & Related	7.15	4.70	0.48	3.55%	0.00	1.79	1.43	1.43
<b>220 kV</b>									
II	Commercial & Others	12.25	4.70	0.48	3.55%	0.00	6.89	2.45	2.45
III	Industry	6.56	4.70	0.48	3.55%	0.00	1.20	1.31	1.20
IV(D)	Railway Traction	8.37	4.70	0.48	3.55%	0.00	3.01	1.67	1.67
V	Agricultural & Related	7.15	4.70	0.48	3.55%	0.00	1.79	1.43	1.43

Table 82: Approved - APCPDCL - Cross Subsidy Surcharges for FY2024-25

Consumer Categories		Average Realization (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 as per APERC (Rs./unit)
		T	C	D	L	R	$S=T-[C/(1-L/100)]+D+R]$	$A=0.2*T$	$CSS=Lesser\ of\ S\ and\ A$
<b>11 KV</b>									
I	Townships, Colonies, Gated Communities Villas	7.75	4.70	1.23	9.30%	0.00	1.33	1.55	1.33
II	Commercial & Others	11.25	4.70	1.23	9.30%	0.00	4.84	2.25	2.25
III (A,B,D)	Industry	9.68	4.70	1.23	9.30%	0.00	3.27	1.94	1.94
III(C)	Energy Intensive Industries	7.09	4.70	1.23	9.30%	0.00	0.68	1.42	0.68
IV	Institutional	10.12	4.70	1.23	9.30%	0.00	3.70	2.02	2.02
<b>33 KV</b>									
I	Townships, Colonies, Gated Communities Villas	7.49	4.70	0.57	6.43%	0.00	1.90	1.50	1.50
II	Commercial & Others	9.25	4.70	0.57	6.43%	0.00	3.66	1.85	1.85
III (A,B,D)	Industry	7.65	4.70	0.57	6.43%	0.00	2.06	1.53	1.53
IV	Institutional	9.56	4.70	0.57	6.43%	0.00	3.97	1.91	1.91
V	Agricultural & Related	7.15	4.70	0.57	6.43%	0.00	1.56	1.43	1.43
<b>132 KV</b>									
II	Commercial & Others	12.25	4.70	0.48	3.55%	0.00	6.89	2.45	2.45
III (A,B,D)	Industry	7.49	4.70	0.48	3.55%	0.00	2.13	1.50	1.50
IV(D)	Railway Traction	7.64	4.70	0.48	3.55%	0.00	2.28	1.53	1.53
V	Agricultural & Related	7.15	4.70	0.48	3.55%	0.00	1.79	1.43	1.43

Table 83: Approved - APEPDCL - Cross Subsidy Surcharges for FY2024-25

Consumer Categories		Average Realization (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 as per APERC (Rs./unit)
		T	C	D	L	R	$S=T-[C/(1-L/100)+D+R]$	$A=0.2*T$	$CSS=Lesser\ of\ S\ and\ A$
<b>11 kV</b>									
I	Townships, Colonies, Gated Communities Villas	7.48	4.70	1.26	9.37%	0.00	1.03	1.50	1.03
II	Commercial & Others	11.14	4.70	1.26	9.37%	0.00	4.70	2.23	2.23
III (A,B,D)	Industry	8.50	4.70	1.26	9.37%	0.00	2.06	1.70	1.70
IV	Institutional	9.54	4.70	1.26	9.37%	0.00	3.10	1.91	1.91
<b>33 kV</b>									
I	Townships, Colonies, Gated Communities Villas	7.28	4.70	0.58	6.19%	0.00	1.70	1.46	1.46
II	Commercial & Others	9.57	4.70	0.58	6.19%	0.00	3.99	1.91	1.91
III (A,B,D)	Industry	7.32	4.70	0.58	6.19%	0.00	1.73	1.46	1.46
III(C)	Energy Intensive Industries	5.97	<b>4.70</b>	0.58	<b>6.19%</b>	0.00	<b>0.38</b>	1.19	<b>0.38</b>
IV	Institutional	9.14	4.70	0.58	6.19%	0.00	3.55	1.83	1.83
V	Agricultural & Related	7.13	4.70	0.58	6.19%	0.00	1.54	1.43	1.43
<b>132 kV</b>									
II	Commercial & Others	12.63	4.70	0.49	3.55%	0.00	7.27	2.53	2.53
III (A,B,D)	Industry	6.83	4.70	0.49	3.55%	0.00	1.47	1.37	1.37
III(C)	Energy Intensive Industries	5.69	4.70	0.49	3.55%	0.00	0.33	1.14	0.33
IV(D)	Railway Traction	7.71	4.70	0.49	3.55%	0.00	2.35	1.54	1.54
<b>220 KV</b>									
II	Commercial & Others	7.86	4.70	0.49	3.55%	0.00	2.50	1.57	1.57
III (A,B,D)	Industry	6.64	4.70	0.49	3.55%	0.00	1.28	1.33	1.28
III(C)	Energy Intensive Industries	5.65	4.70	0.49	3.55%	0.00	0.29	1.13	0.29
V	Agricultural & Related	7.15	4.70	0.49	3.55%	0.00	1.79	1.43	1.43