



# Uttarakhand Electricity Regulatory Commission

## PRESS NOTE

**Date: 31.03.2022**

### **MYT Order UPCL for FY 2022-23 to FY 2024-25– Highlights**

- UPCL filed the Petitions for approval of Business Plan and ARR for fourth Control Period from FY 2022-23 to FY 2024-25 & Tariff for FY 2022-23 (MYT Petition) before the Commission on December 15, 2021. Through, MYT Petition UPCL had also sought truing-up for FY 2020-21 based on audited accounts.
- To meet its power purchase cost and other expenses, UPCL had projected a total ARR of Rs. 7879.63 Crore for FY 2022-23, considering distribution loss of 13.50%, thus, projecting a total revenue gap of Rs. 447.53 Crore including truing up for FY 2020-21 with carrying cost. For recovery of this revenue gap, UPCL had requested for a tariff hike of about 6.02%. Considering the hike claimed by PTCUL/SLDC & UJVN Ltd. The total hike claimed is 10.18%.
- **In the present Order, the Commission has, accordingly, scrutinised and approved the following:**
  - a. Truing-Up for FY 2020-21 based on audited accounts
  - b. Business Plan for the fourth Control Period from FY 2022-23 to FY 2024-25
  - c. Tariff Determination for FY 2022-23
- Based on the scrutiny of data submitted by UPCL, the Commission has determined the ARR for the FY 2022-23 as Rs. 7709.01 Crore. The above ARR takes into account the impact of final truing-up for FY 2020-21. The Commission further estimated the revenues at existing tariffs on projected sale of 13098 MU for FY 2022-23 as Rs. 7513.09 Crore, which left a revenue gap of Rs. 195.92 Crore. To recover this revenue gap of Rs. 195.92 Crore an annual tariff hike of around 2.68% has been allowed.
- Based on above approved ARR of Rs. 7709.01 Crore and projected sales of 13098 MU for FY 2022-23, the average cost of supply of the Petitioner works out to Rs. 5.89/kWh as compared to approved Average Cost of Supply of Rs 5.76/kWh for FY 2021-22.
- The Commission has approved the distribution loss trajectory of 13.50%, 13.25% and 13.00% for FY 2022-23, FY 2023-24 and FY 2024-25, respectively same as that projected

by UPCL. Considering the approved sales and distribution loss reduction trajectory, the total energy requirement for FY 2022-23 works out to 15,357 MU.

- The details of approved Annual Revenue Requirement (ARR) for FY 2022-23 are as below:-

**Table 1 : ARR approved for FY 2022-23 (Rs. Crore)**

S. No.	Particulars	Claimed by UPCL	Approved
1.	Power Purchase Cost	5621.07	<b>5866.73</b>
3.	UJVN Ltd. Arrears		-62.97
4.	Transmission Charges		
	PGCIL	641.63	558.33
	PTCUL & SLDC Charges	300.86	320.11
5.	Interest on Loan	170.09	139.86
6.	Depreciation	222.31	226.65
7.	O&M expenses	716.64	681.87
8.	Interest on Working Capital	123.20	101.90
9.	Return on Equity	192.27	154.73
<b>10.</b>	<b>Aggregate Revenue Requirement</b>	<b>7988.06</b>	<b>7987.21</b>
11.	Less: Non-Tariff Income	286.81	286.81
12.	Add: True up impact Gap/(surplus)	178.38	8.61
13.	<b>Net Revenue Requirement</b>	<b>7879.63</b>	<b>7709.01</b>
14.	<b>Revenue at Existing Tariff</b>	7432.10	7513.09
15.	<b>Gap/(Surplus)</b>	<b>447.53</b>	<b>195.92</b>

- **Salient Points of Retail Tariff for the FY 2022-23**
  - The Commission has restricted the tariff hike to around 2.68% as against the proposal of UPCL of about 6.02% and overall tariff hike proposed by all the utilities of about 10.18%.
  - While revising the tariffs for different category of consumers, the Commission has attempted to reduce the cross-subsidies for all the categories.
  - Marginal increase of 4 paise/kWh in tariff for BPL consumers. (Around 4 Lakh consumers, 20% of domestic consumers) and Snow bound consumers.
  - Marginal increase of 10 paise/unit and no increase in Fixed Charges for Domestic consumers consuming upto 100 units per month (Around 11.43 Lakh consumers, 45% of domestic consumers).
  - Fixed Charges for Domestic Category approved in Rs/kW/month terms instead of Rs/connection/month as follows:
    - Upto 1 kW - Rs 60 /kW/Month

- Above 1 kW and upto 4 kW – Rs 70/kW/month
  - Above 4 kW – Rs 80/kW/month
- The Commission in order to gradually reduce the cross subsidy has increased the energy charge for PTW category from Rs 2.08/kWh to Rs 2.15/kWh. As per Tariff policy the tariff for all the categories has to ideally within the band of +/- 20% of Average Cost of Supply. To keep the tariff for PTW category at 80% of Average Cost of Supply, tariff is to be kept at Rs 4.71/kWh. Such increase would result in tariff shock, hence tariff for PTW kept at 62.73% below Average Cost of Supply as against 63.20% less than Average Cost of Supply in previous Order.
- The Commission has reduced the the Peak Hour surcharge from 50% to 30%.
- The Commission has reduced the Continuous Supply Surcharge to 2.5% from 5%.
- The Commission has increased the voltage rebate from 2.5% to 3.5% for consumers availing supply at 33 kV voltage level.
- Considering the requests made by the stakeholders and load pattern, the Time of Day Slots during winter months have been modified by 1 hour and normal hour will begin from 0800 Hrs instead of 0900 hrs. The revised TOD slots are as under:

Season/Time of day	Morning Peak hours	Normal hours	Evening Peak Hours	Off-peak Hours
Winters 01.10 to 31.03	0600-0800 hrs	0800-1800 hrs	1800-2200 hrs	2200-0600 hrs
Summers 01.04 to 30.09	--	0700-1800 hrs	1800-2300 hrs	2300-0700 hrs

- Demand Charges of HT Industrial consumers, who do not receive minimum average supply of 18 hours per day during the month, shall be levied at 80% of approved Demand Charges during that month.
- Departmental Consumers to be billed as per the tariff applicable for Domestic Category.
- The Commission has kept the tariff of Electric Vehicle Charging Stations Tariff unchanged at Rs 5.50/kWh.
- The Commission has approved Green Tariff for HT consumers having contracted load of above 75kW/88kVA who intend to consume power generated through only renewable energy sources for a small premium of Rs. 0.45/kWh over and above approved tariff.

- Online Payment made digitally including bank transfers such as NEFT/RTGS/IMPS shall now be allowed a rebate of 1.25% from the earlier 0.75%.
- General increase in tariff of category of consumers resulting in the following increase in Average Billing Rate:

**Table 2: Increase in Average Billing Rate during FY 2022-23**

Category	Average Billing Rate		Increase (Rs. Per unit)	Increase (%)
	Existing	Approved		
	Rs/kWh	Rs/kWh		
Domestic	4.57	4.72	0.15	3.32%
Non Domestic	6.67	6.83	0.16	2.42%
Government Public Utilities	6.43	6.73	0.30	4.66%
PTW	2.12	2.19	0.07	3.39%
LT Industrial	6.24	6.39	0.15	2.43%
HT Industrial	6.30	6.43	0.13	2.14%
Mixed Load	5.89	6.08	0.19	3.22%
Railway	6.27	6.59	0.32	5.03%
EV Charging Station	5.50	5.50	-	-

- For Domestic category, with the average tariff increase of around 3.32%, the cross subsidy level is -19.81% which is within range of +/-20% as provided in the Tariff Policy.
- The criteria of  $\pm 20\%$  of the average cost of supply for all the categories including subsidised categories as specified in Tariff Policy depends upon the consumption mix. In the State of Uttarakhand, the consumption mix is skewed towards subsidising categories, constituting almost two third of total sales, while the consumption by subsidised categories is around one third of the total consumption. Therefore, though the cross subsidy by all the subsidising categories is within 20% of the overall average cost of supply of the Petitioner, the subsidy for PTW category is more than 20% of the overall average cost of supply.
- The details of retail tariffs as applicable to different categories of consumes w.e.f. 01.04.2022 are as below:-

## Existing, Proposed and Approved Tariffs for different category of Consumers

### Category Wise Tariff

#### RTS-1: Domestic Tariff

**Table 3: Tariff for Domestic Consumers**

S. No	Description	Existing Tariff		UPCL Proposed Tariff		Approved	
		Fixed Charge (Per Month)	Energy Charges	Fixed Charge (Per Month)	Energy Charges	Fixed Charge (Per Month)	Energy Charges
<b>RTS-1: Domestic</b>							
1.1	Life Line Consumers	Rs. 18/ Connection	Rs. 1.61/kWh	Rs. 18/ Connection	Rs. 1.61/kWh	Rs. 18/ Connection	Rs. 1.65/kWh
1.2	<b>Other Domestic Consumers</b>						
(i)	0-100 Units/Month	Rs. 60/ Connection	Rs. 2.80/kWh	Rs. 62/ Connection	Rs. 2.87/kWh	<ul style="list-style-type: none"> <li>• Upto 1 kW - Rs 60 /kW/Month</li> <li>• Above 1 kW and upto 4 kW - Rs 70/kW/month</li> <li>• Above 4 kW - Rs 80/kW/month</li> </ul>	Rs.2.90/kWh
(ii)	101-200 Units/Month	Rs. 120/ Connection	Rs. 4.00/kWh	Rs. 126/ Connection	Rs. 4.22/kWh		Rs. 4.20/kWh
(iii)	201-400 Units/Month	Rs. 200/ Connection	Rs. 5.50/kWh	Rs. 215/ Connection	Rs. 5.92/kWh		Rs. 5.80 /kWh
(iv)	Above 400 Units/Month	Rs. 300/ Connection	Rs. 6.25/kWh	Rs. 330/ Connection	Rs. 6.88/kWh		Rs. 6.55/kWh
2	Single point bulk supply	Rs. 95/kW	Rs. 5.15/kWh	Rs. 105/kW	Rs. 5.67/kWh	Rs. 100/kVAh	Rs. 5.40/kVAh

#### RTS-1A: Concessional Snowbound Areas Tariff

**Table 4 : Concessional Tariff for Snowbound Areas**

S. No	Description	Existing Tariff		UPCL Proposed Tariff		Approved	
		Fixed Charge (Per Month)	Energy Charges	Fixed Charge (Per Month)	Energy Charges	Fixed Charge (Per Month)	Energy Charges
<b>RTS-1A: Snowbound</b>							
1	Domestic	Rs. 18/ Connection	Rs. 1.61/kWh	Rs. 18/ Connection	Rs. 1.61/kWh	Rs. 18/ Connection	Rs. 1.65/kWh
2	Non-Domestic upto 1 kW	Rs. 18/ Connection	Rs. 1.61/kWh	Rs. 18/ Connection	Rs. 1.61/kWh	Rs. 18/ Connection	Rs. 1.65/kWh
3	Non-Domestic above 1 kW & upto 4 kW	Rs. 18/ Connection	Rs. 2.36/kWh	Rs. 18/ Connection	Rs. 2.36/kWh	Rs. 18/ Connection	Rs. 2.40/kWh
4	Non-Domestic above 4 kW	Rs. 30/ Connection	Rs. 3.51/kWh	Rs. 30/ Connection	Rs. 3.51/kWh	Rs. 30/ Connection	Rs. 3.55/kWh

## RTS-2: Non-Domestic Tariff

**Table 5: Tariff for Non-domestic consumers**

Sl. No.	Description	Existing Tariff		UPCL Proposed Tariff		Approved	
		Fixed / Demand Charges (Per Month)	Energy Charges	Fixed / Demand Charges (Per Month)	Energy Charges	Fixed / Demand Charges (Per Month)	Energy Charges
<b>1</b>	<b>Government, Educational Institutions and Hospitals etc.</b>						
1.1	Upto 25 kW	Rs. 75/ kW	Rs. 4.65/ kWh	Rs. 80/kW	Rs 4.93/kWh	Rs. 80/ kW	Rs. 4.75/ kWh
1.2	Above 25 kW	Rs. 85/ kVA	Rs. 4.40/ kVAh	Rs. 92/kVA	Rs 4.75 /kVAh	Rs. 90/ kVA	Rs. 4.50/ kVAh
<b>2</b>	<b>Other Non-Domestic Users</b>						
2.1	Upto 4 kW and consumption upto 50 units per month	Rs. 70 / kW	Rs. 4.70/ kWh	Rs 70 /kW	Rs. 4.70 /kWh	Rs. 75 / kW	Rs. 4.80/ kWh
2.2	Others upto 25kW not covered in 2.1 above	Rs. 90 / kW	Rs. 5.80/ kWh	Rs. 95 /kW	Rs. 6.15 /kWh	Rs. 95 / kW	Rs. 5.90/ kWh
2.2	Above 25 kW	Rs. 90 / kVA	Rs. 5.80/ kVAh	Rs. 96 /kVA	Rs. 6.21 /kVAh	Rs. 95 / kVA	Rs. 5.90/ kVAh
3	Single Point Bulk Supply above 75 kW	Rs. 90 / kVA	Rs. 5.75/ kVAh	Rs. 99/ kVA	Rs. 6.33/kVAh	Rs. 110 / kVA	Rs. 6.00/ kVAh
4	Independent Advertisement Hoardings	Rs. 110/ kW	Rs. 6.40/kWh	Rs. 121/ kW	Rs 7.04 /kWh	Rs. 120/ kW	Rs. 6.65/kWh

## RTS-3: Government Public Utilities

**Table 6 : Tariff for Government Public Utilities**

Description	Existing Tariff		UPCL Proposed Tariff		Approved	
	Fixed / Demand Charges (Per Month)	Energy Charges	Fixed / Demand Charges (Per Month)	Energy Charges	Fixed / Demand Charges (Per Month)	Energy Charges
<b>Public Lamps</b>						
Urban (Metered)	Rs. 90/kVA	Rs. 5.80/ kVAh	Rs. 99/kVA	Rs. 6.38/ kVAh	Rs. 100/kVA	Rs. 6.05/ kVAh
Rural (Metered)	Rs. 80/kVA	Rs. 5.80/ kVAh	Rs. 86/kVA	Rs. 6.21/ kVAh	Rs. 90/kVA	Rs. 6.05/ kVAh

## RTS-4: Private Tube Wells / Pump Sets Tariff

**Table 7 : Tariff for Government Public Utilities**

Category	Existing Tariff		UPCL Proposed Tariff		Approved	
	Fixed / Demand Charges (Per Month)	Energy Charges	Fixed / Demand Charges (Per Month)	Energy Charges	Fixed / Demand Charges (Per Month)	Energy Charges
Private Tube-wells/Pumping Sets	Nil	Rs. 2.08/ kWh	Nil	Rs. 2.08/ kWh	Nil	Rs. 2.15/ kWh
Agriculture Allied Activities	Nil	Rs. 2.75/ kWh	Nil	Rs. 3.03/ kWh	Nil	Rs. 2.85/ kWh

## RTS-5: Industries Tariff

**Table 8 : Tariff for LT Industries**

Category	Existing Tariff		UPCL Proposed Tariff		Approved	
	Fixed Charges (Per Month)	Energy Charges	Fixed Charges (Per Month)	Energy Charges	Fixed Charges (Per Month)	Energy Charges
1. LT Industries (upto 25 kW)	Rs. 155/ kW	Rs. 4.60/ kWh	Rs. 163/ kW	Rs. 4.83/ kWh	Rs. 165/ kW	Rs. 4.80/ kWh
2. LT Industries (above 25kW & upto 75 kW)	Rs. 160/ kVA	Rs. 4.30/ kVAh	Rs. 168/ kVA	Rs. 4.52/ kVAh	Rs. 170/ kVA	Rs. 4.50/ kVAh

**Table 9 : Tariff for HT Industries**

Sl. No.	Category	Load Factor	Existing Tariff		UPCL Proposed Tariff		Approved Tariff	
			Energy Charges (Rs./kVAh)	Fixed /Demand Charges (Rs./kVA)	Energy Charges (Rs./kVAh)	Fixed /Demand Charges (Rs./kVA)	Energy Charges (Rs./kVAh)	Fixed /Demand Charges (Rs./kVA)
1	HT Industry having contracted load above 88kVA/75 kW (100 BHP)							
1.1	Contracted Load up to 1000 kVA	Upto 40%	4.45	Rs. 340/kVA of the billable demand	4.70	Rs. 369/kVA of the billable demand	4.80	Rs. 360/kVA of the billable demand
		Above 40%	4.85		5.10		5.20	
1.2	Contracted Load More than 1000 kVA	Upto 40%	4.45	Rs. 410/kVA of the billable demand	4.70	Rs. 445/kVA of the billable demand	4.80	Rs. 430/kVA of the billable demand
		Above 40%	4.85		5.10		5.20	

## RTS-6: Mixed Load Tariff

**Table 10 : Tariff for Mixed Load**

Description	Existing Tariff		UPCL Proposed Tariff		Tariff Design	
	Fixed / Demand Charges Per Month)	Energy Charges	Fixed / Demand Charges Per Month)	Energy Charges	Fixed / Demand Charges (Per Month)	Energy Charges
<b>RTS-8: Mixed Load</b>						
Mixed Load Single Point Bulk Supply above 75 kW including MES as deemed licensee	Rs. 110/kW	Rs. 5.45/kWh	Rs. 117/kW	Rs. 5.78/kWh	Rs. 120/kVA	Rs. 5.60/kVAh

## RTS-7: Railway Traction Tariff

**Table 11 : Tariff for Railway Traction**

Description	Existing Tariff		UPCL Proposed Tariff		Tariff Design	
	Fixed / Demand Charges (Per Month)	Energy Charges	Fixed / Demand Charges (Per Month)	Energy Charges	Fixed / Demand Charges (Per Month)	Energy Charges
RTS-7: Railway Traction	Rs. 265/kVA	Rs. 4.70/kVAh	Rs. 281/kVA	Rs. 4.98/kVAh	Rs. 285/kVA	Rs. 4.90/kVAh

## RTS-8: Electric Vehicle Charging Stations

**Table 12: Tariff for Railway Traction**

Description	Existing Tariff		UPCL Proposed Tariff		Tariff Design	
	Fixed / Demand Charges (Per Month)	Energy Charges	Fixed / Demand Charges (Per Month)	Energy Charges	Fixed / Demand Charges (Per Month)	Energy Charges
RTS-8: Electric Vehicle	--	Rs. 5.50/kWh	--	Rs. 5.50/kWh	--	Rs. 5.50/kWh

## **Billing Impact for Domestic**

Domestic Billing impact											
	Consumption		Current Tariffs				Approved Tariffs				% Increase
	Load	FC	EC	Total	Average	FC	EC	Total	Average		
	Units	KW	Rs	Rs	Rs	Rs/kWh	Rs	Rs	Rs	Rs/kWh	
1	BPL (50)		18	80.5	98.5	1.97	18	82.5	100.5	2.01	2.03%
2	100	1	60	280	340	3.4	60	290	350	3.5	2.94%
3	200	2	120	680	800	4.00	140	710	850	4.25	6.25%
4	300	3	200	1230	1430	4.77	210	1290	1500	5.00	4.90%
5	400	4	200	1780	1980	4.95	280	1870	2150	5.38	8.59%
6	500	5	300	2405	2705	5.41	400	2525	2925	5.85	8.13%

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