



KANPUR ELECTRICITY SUPPLY COMPANY LTD.

(Govt. of Uttar Pradesh Undertaking)

OFFICE OF SUPERINTENDENT ENGINEER (Comm.)

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Ref: KESCO/SE(Comm.)/ARR-FY23/Datagap-7/FY22-23/036

Date: 14.06.2022

To,
The Secretary,
Uttar Pradesh Electricity Regulatory Commission
Vibhuti Khand, Gomti Nagar
Lucknow- 226010

Sub: Reply on 07th Information Requirement / Discrepancies/ Data Gaps in the Petition No. 1836 – 2022 dated 06th June, 2022 of True-Up (FY 2020-21), Annual Performance Review (FY 2021-22), Aggregate Revenue Requirement (FY 2022-23).

Ref: 1. UPERC email received on Datagap-7 dated 06.06.2022.

Dear Sir,

This is with reference to your above-mentioned email for 7th Information Requirement/ Discrepancies/ Data Gaps in the Petition No. 1836 - 2022 dated 06th June, 2022 for UPPCL Discoms on True-Up (FY 2020-21), Annual Performance Review (FY 2021-22), Aggregate Revenue Requirement (FY 2022-23). The Licensee hereby submits the replies to the queries/information required by the Hon'ble Commission on 7th data gaps along with Annexure-1 and Annexure-2 (soft copies are provided in excel format), is attached herewith for kind consideration of the Hon'ble Commission.

Yours Sincerely,

अधीक्षक अभियन्ता (वा0)

P.K. Singh
KESCO-Nodal Officer
SE(Comm.)

Encl(s): Annexure-1&2

- CC: 1. Managing Director, KESCO.
2. Director (Comm.), KESCO.
3. CE, RAU, UPPCL.

**7th Information Requirement / Discrepancies/ Data Gaps in the Petition
No. 1837/1835/1833/1834/1836 - 2022**

dated 06th June, 2022

of

**True-Up (FY 2020-21), Annual Performance Review (FY 2021-22), Aggregate
Revenue Requirement (FY 2022-23)**

of

DVVNL/MVVNL/PVVNL/PuVVNL/KESCO respectively.

The replies to deficiencies are as below:

1. The Petitioners submitted in their Tariff Petitions that UPPCL has received the request from few consumers to adopt Green Power Tariff in the State to supply Renewable Energy to the consumers who opts for green energy. In this regard, the Petitioners are required to furnish list of all the consumers, who requested UPPCL for Green Tariff.

Response: Request received from the Consumers are attached as **Annexure-1** of this document.

2. The Petitioners have submitted rationalised Billing Determinants without revenue. The Petitioners are required to submit revenue model considering the exiting Tariff and rationalised Billing Determinants. Also, the Petitioners to submit sensitivity analysis (impact of rationalisation on various consumer categories for various load and consumption values) considering the existing Tariff and rationalised Billing Determinants.

Response: It is submitted that Discom wise revenue model and excel working considering the exiting Tariff and rationalised Billing Determinants is attached as **Annexure-2**. It is further submitted that the tariff scheduled approved by the Hon'ble Commission for FY 2021-22 is not available in rationalised structure. Therefore, revenue for the rationalised category/subcategory/slab cannot be estimated and same is marked * in the excel worksheets.

____ X ____


अधीक्षक अभियन्ता (वा0)
केस्को, कानपुर

175

दिनांक 03/12/2021

कार्यालय,
कृषि उत्पादन आयुक्त एवं
अपर मुख्य सचिव, ऊर्जा एवं अतिरिक्त ऊर्जा विभाग
उत्तर प्रदेश शासन

09-10 भूतल, बहुखण्डी भवन, लखनऊ

फोन: 0522-2238145, 2238082

email: apcofficeup@gmail.com / psenergyup@gmail.com

संख्या-178/पीएस/एसीएस-ई/2021

दिनांक : 02 दिसम्बर, 2021

1030/CM/2021
02/12/2021

अध्यक्ष,
उ0प्र0 पावर कारपोरेशन लि0,
शक्ति भवन, लखनऊ।

कृपया टाटा मोटर्स द्वारा भेजे गये संलग्न पत्र सन्दर्भ सं. TML/CCE/LKO/Dec-21/01 दिनांक 02 दिसम्बर, 2021 का अवलोकन करने का कष्ट करें जिसके द्वारा अवगत कराया गया है कि महाराष्ट्र में रेगुलेटर द्वारा ऐसे उपभोक्ता जो शतप्रतिशत रिन्यूएबल इनर्जी का उपयोग करना चाहते हैं उन्हें अलग टेरिफ प्लान अनुमन्य किया गया है जो सामान्य टेरिफ से कुछ अधिक है।

कृपया इस पर विचार करते हुए प्रस्ताव UPERC को भिजवाने का कष्ट करें।

संलग्नक : उपरोक्तानुसार।

02.12.2021

(बालोव शिन्हा)
अपर मुख्य सचिव, ऊर्जा एवं
अतिरिक्त ऊर्जा स्रोत विभाग
उत्तर प्रदेश शासन।

4784/MMS/2021
02/12/2021

SE-1/SE-2/EE-1/EE-2/EE

06/12

CE(L-L) (CP)

Dir(CP)

2-12-21

(पंकज कुमार)
प्रबंध निदेशक

उत्तर प्रदेश पावर कारपोरेशन लि0

(M. Devaraj)
Chairman

CE(L-L)

2/12/21

अधीक्षण अभियन्ता (वा0)
केसको, कानपुर

1605/DC/PC/G/2021



PS
dier. w.
A
2/11

Ref. no.: TML/CCE/LKO/Dec21/01

Date: 2nd December 2021

To,
The Additional Chief Secretary - Energy
Govt. of Uttar Pradesh

Ref.: Circular no. CE/Comm/Green Power Tariff/ 9534 dated 06.05.2021 of
Maharashtra State Electricity Distribution Co. Ltd. (MSEDCL)
Sub.: Green Power Tariff for all Discom's of UP

Dear Sir,

This is in reference to the above-mentioned circular of Maharashtra State Electricity Distribution Co. Ltd. (MSEDCL), wherein, provision of **Green Power Tariff** has been incorporated in tariff order to supply Renewable Energy (RE) to consumers opting for green energy for meeting their full or partial energy demand. Such an arrangement will be a win-win situation for both Power supply Utilities/Discoms as well as consumers because it will generate higher revenues for Utilities/Discoms and will also enhance the RE contribution of consumers. We request you to advise concerned to make necessary changes in the existing Tariff Order of all Discom's of UP including MVVNL, similar to MSEDCL's circular, to incorporate Green Power tariff for consumers of UP who want to procure their full or partial green energy for meeting their energy demand.

We at Tata Motors are committed to enhance RE contribution in our energy mix. This kind of Green Power provision will enable enhancing RE energy contribution. We look forward to your favourable response, soon, in this aspect.

Regards,

Dr. Srinubabu Matta
Dy. General Manager
Tata Motors Ltd., Lucknow

Encl.: Circular no. CE/Comm/Green Power Tariff/ 9534 dated 06.05.2021 of
Maharashtra State Electricity Distribution Co. Ltd. (MSEDCL)

TATA MOTORS LIMITED

Chinhat Industrial Area, Lucknow 226 019

Tel: 91 522 6162000 Fax: 91 522 6162006 www.tatamotors.com CIN L28930MH1945PLC004520

Registered Office: Bombay House, 24 Homi Mohi Street, Mumbai 400 001

अधीक्षण अभियन्ता (वा०)
केस्को, कानपुर

Date: 06.05.2021

No. CE/Comm/Green Power Tariff/ 9534

COMMERCIAL CIRCULAR No.333

Subject: Levying "Green Power Tariff" to supply Renewable Energy to consumers opting for 100% green energy for meeting their entire demand.

- Ref:
1. MERC Order in Case No. 134 of 2020 dated 22.03.2021.
 2. Errata/Corrigendum Order in Case No. 134 of 2020 dated 1.04.2021.
 3. MERC Order in Case No. 322 of 2019 dated 30.03.2020.
 4. Commercial Circular No. 323 dated 03.04.2020.

The Tata Power Company Limited (Distribution) (TPC-D) has filed a Petition before MERC being Case No.134 of 2020 on 23 June, 2020 seeking approval for "Green Power Tariff" for supply of Renewable Energy (RE) to consumers for meeting their requirement of utilizing 100% green energy for their entire demand.

Hon'ble Commission issued Order vide reference no. (1) & (2) in this regard;

'2. Green Power Tariff of Rs 0.66/ kWh, which is over and above the normal tariff of the respective category as per Tariff Orders, be levied to the consumers opting for meeting their demand by 100% green energy.'

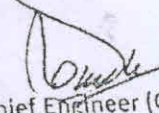
4. All consumers (Extra High Voltage, High Voltage and Low Voltage) shall be eligible for opting 100% RE power on payment of Green Power Tariff.

MERC has allowed consumers in Maharashtra an option of sourcing all its power requirement through renewable energy sources by paying 'Green Tariff' of Rs. 0.66/kWh which is over and above regular tariff approved in respective tariff order. This Order is also applicable to Consumers of MSEDCL.

It is also to note that MERC has already issued tariff for Control Period FY 2020-21 to FY 2024-25 vide Order in Case No. 322 of 2019 dated 30 March 2020 and the same is available vide Commercial Circular No 323 dated 03.04.2020. As mentioned above the 'Green Tariff' of Rs. 0.66/kWh which is over and above regular tariff approved in respective tariff order.

All field Officers are requested take note of the above directives issued by MERC for information and necessary action thereof.

This Circular is available on MSEDCL's website www.mahadiscom.in under the categories "COMMERCIAL CIRCULAR".


06/05/2021
Chief Engineer (Commercial)

अधीक्षण अभियन्ता (वा0)
केस्को, कानपुर

SBI

भारतीय स्टेट बैंक
STATE BANK OF INDIA

चक्र 187
दिनांक 21/02/2022

PRM/ESTT/484
Date: 11.02.2021

The Chairman/ Managing Director
Uttar Pradesh Power Corporation Ltd(UPPCL).
7th Floor, Shakti Bhawan Headquarter,
Ashok Marg, Hazratganj
Lucknow-226001

Dear Sir,

**PURCHASE OF GREEN POWER BY PAYING ADDITIONAL GREEN TARIFF OR
THROUGH OPEN ACCESS POLICY**

With reference to above, we have been advised by our Corporate Centre office, Mumbai to shift on green energy in the following two ways.

- Purchasing the green energy directly from Discoms(UPPCL) by paying an additional Green tariff.
- Through open access, in which consumer may generate its own renewable green energy and generated green power to be supplied through open access with help of discoms(UPPCL).

2/ The above initiative has already been implemented at our Corporate Centre, Mumbai, on the basis of paying an additional green tariff. Therefore, it is desired to implement the same at our office for 1250 KVA connection having A/c number: 105748100 to shift on green energy. Therefore, we request you to please advise us possibility/feasibility to shift on green energy.

(6/02/2022)
Chairman

Yours faithfully

Asst General Manager (P&E)

उत्तर प्रदेश पावर कारपोरेशन लि०

145/CM/22
16.02.22

Kindly be Director of Green
Power is being asked for
RAO/Commercial w.r.

CE(PPA)

(Ashwani Kumar Srivastava)
Director (Corporate Planning)

Premises & Estate Department
Local Head Office,
Moti Mahal Marg, Lucknow - 2:
अधीक्षण अभियन्ता (वा०)
केस्को, कानपुर

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agmpne.lholuc@sbi.co.in

परिसर एवं सम्पदा विभाग
स्थानीय प्रधान कार्यालय,
मोती महल मार्ग, लखनऊ - 226 001

ANNEXURE

Discom: KESCO

FY: 2021-22

FY: 2022-23

Billing Determinants as per ARR		Consumer (No.)	Load (kW)	Energy Sales (RU)	Total Revenue (Rs. Cr.)
CONSUMER CATEGORY / SUB-CATEGORY / Slab					
LMV-1	DOMESTIC LIGHT, FAN & POWER:				
	Lifeline Consumers: With contracted load of 1.00 kW. Energy consumption upto 100 kWh / month (both Rural and Urban)				
(a)	Consumers getting supply as per 'Rural Schedule' except Lifeline consumers				
(b)	Un-Metered:				
(c)	Metered (Dom: Rural Schedule (metered) other than BPL)				
(d)	Upto 100 kWh / Month				
(e)	101-150 kWh / Month				
(f)	151-200 kWh / Month				
(g)	201-300 kWh / Month				
(h)	301-500 kWh / Month				
(i)	Above 500 kWh / Month				
(b)	Supply at single point for bulk loads (50 kW and above, Supplied at any voltage):				
(c)	Desired Franchise of the Licensee should not charge more than 5% additional charge on the above specified rate.				
(d)	Other Metered Domestic Consumers:				
(e)	Upto 100 kWh / month				
(f)	101-150 kWh / month				
(g)	151-200 kWh / month				
(h)	201-300 kWh / month				
(i)	Above 300 kWh / month				
	Sub Total LMV-1				
LMV-2	NON-DOMESTIC LIGHT, FAN & POWER:				
(a)	Consumers getting supply as per 'Rural Schedule':				
(b)	Un-Metered				
(c)	Metered				
(d)	Private Advertising / Signposts / Sign Boards / Glow Signs / Flex				
(e)	Other Metered Consumers: (For All Loads)				
(f)	Upto 2 kW				
(g)	Upto 300 kWh / month				
(h)	301 - 1000 kWh / month				
(i)	Above 1000 kWh/month				
	Above 2 kW to 4 kW				
	Upto 300 kWh / month				
	301 - 1000 kWh / month				
	Above 1000 kWh/month				
	Above 4 kW				
	Upto 300 kWh / month				
	From 301-1000 kWh / month				
	Above 1000 kWh / month				
	Sub Total LMV-2				
LMV-3	PUBLIC LAMPS:				
(a)	Un-Metered Supply:				
(b)	Gram Panchayat:				
(c)	Nagar Palika and Nagar Panchayat				
(d)	Metered Supply:				
(e)	Gram Panchayat				
(f)	Nagar Palika and Nagar Panchayat				
	Sub Total LMV-3				
LMV-4	LIGHT, FAN & POWER FOR PUBLIC & PRIVATE INSTITUTION:				

अधीन अभियन्ता (वा०)
केस्को, कानपुर

4 (a)	For Public Institutions	1.0.43.39	18.6.43.13	51.09	51.08	51.09	51.08
	From 0-1000 kWh/ month	949.48	16,937.95	4.39	4.39	9.53	9.53
	From 1001-2000 kWh/ month	41.74	744.53	0.99	0.99	0.61	0.61
	Above 2001 kWh/ month (From 2001st unit onwards)	52.17	930.66	46.30	40.85	13	13
4 (b)	For Private Institutions	519.12	8,028.85	13.16	15.81		
	Upto 3 kW Upto 0-1000 kWh/Month	246.18	481.79	4.73	4.47		
	Upto 3 kW Above 1000 kWh/Month	166.12	321.55	3.83	3.49		
	Above 3 kW Upto 0-1000 kWh/Month	25.06	1,806.49	1.24	1.61		
	Above 3 kW Above 1000 kWh/Month	77.87	5,419.47	3.40	5.72		
	Sub Total LMV-4	1,562.51	26,641.98	64.26	66.89		
LMV-5	SMALL POWER FOR PRIVATE TUBE WELL/ PUMPING SETS FOR IRRIGATION PURPOSES:						
(a)	Consumers getting supply as per "Rural Schedule"	-	-	0.01	0.00		
(i)	Un-Metered Supply	-	-	-	-	-	-
	Rural Schedule	-	-	-	-	-	-
(ii)	Metered Supply	-	-	0.01	0.00		
	Rural Schedule	-	-	0.01	0.00		
(iii)	Energy Efficient Pumps	-	-	-	-	-	-
(b)	Consumers getting supply as per "Urban Schedule (Metered Supply)"	14.95	97.75	0.12	0.09		
	Sub Total LMV-5	14.95	97.75	0.13	0		
LMV-6	SMALL AND MEDIUM POWER:						
(a)	Consumers getting supply as per "Rural Schedule"	-	-	-	-	-	-
	Upto 1000 kWh/ month	-	-	-	-	-	-
	Upto 2000 kWh/ month	-	-	-	-	-	-
	Above 2000 kWh/ month	-	-	-	-	-	-
(b)	Consumers getting supply other than "Rural Schedule"	14,996.14	1,91,946.76	385.54	343.61		
	Upto 1000 kWh/ month	9,707.28	45,373.12	115.06	97.23		
	Summer Months (April to September)	2,447.24	11,504.76	14.59	11.87		
	05:00 hrs - 11:00 hrs	4,992.53	21,230.00	83.25	44.28		
	11:00 hrs - 17:00 hrs	2,532.28	11,096.65	30.02	28.25		
	17:00 hrs - 23:00 hrs	1,458.86	6,894.04	17.29	13.43		
	23:00 hrs - 05:00 hrs	3,723.99	29,602.38	134.24	108.71		
	Winter Months (October to March)	938.83	7,462.85	16.92	12.53		
	05:00 hrs - 11:00 hrs	3,446.93	27,599.93	62.13	49.46		
	11:00 hrs - 17:00 hrs	1,945.91	15,444.39	35.02	31.77		
	17:00 hrs - 23:00 hrs	1,110.32	8,997.58	20.17	14.94		
	23:00 hrs - 05:00 hrs	3,120.73	2,52,942.52	134.24	108.71		
	Upto 2000 kWh/ month	3,723.99	29,602.38	134.24	108.71		
	Summer Months (April to September)	938.83	7,462.85	16.92	12.53		
	05:00 hrs - 11:00 hrs	1,723.46	13,699.97	62.13	49.46		
	11:00 hrs - 17:00 hrs	971.46	7,723.20	35.02	31.77		
	17:00 hrs - 23:00 hrs	859.66	4,448.79	20.17	14.94		
	23:00 hrs - 05:00 hrs	1,564.86	1,16,471.26	134.24	108.71		
	Winter Months (October to March)	394.51	29,362.78	16.92	12.53		
	05:00 hrs - 11:00 hrs	1,418.44	1,07,805.68	62.13	49.46		
	11:00 hrs - 17:00 hrs	816.43	60,766.32	35.02	31.77		
	17:00 hrs - 23:00 hrs	470.35	35,097.75	20.17	14.94		
	23:00 hrs - 05:00 hrs	29,992.88	3,53,982.52	575.30	490.70		
	Above 2000 kWh/ month	1,564.86	1,16,471.26	134.24	108.71		
	Summer Months (April to September)	394.51	29,362.78	16.92	12.53		
	05:00 hrs - 11:00 hrs	724.22	53,992.84	62.13	49.46		
	11:00 hrs - 17:00 hrs	408.22	30,383.46	35.02	31.77		
	17:00 hrs - 23:00 hrs	235.18	17,693.87	20.17	14.94		
	23:00 hrs - 05:00 hrs	14,996.14	1,91,946.76	385.54	343.61		
	Winter Months (October to March)	9,707.28	45,373.12	115.06	97.23		
	05:00 hrs - 11:00 hrs	1,223.62	5,782.38	7.43	5.89		
	11:00 hrs - 17:00 hrs	4,492.53	21,230.00	28.25	28.25		
	17:00 hrs - 23:00 hrs	2,532.28	11,096.65	13.43	13.43		
	23:00 hrs - 05:00 hrs	1,458.86	6,894.04	6.71	6.71		
	Sub Total LMV-6	14,996.14	1,91,946.76	385.54	343.61		
LMV-7	PUBLIC WATER WORKS:						
	LMV-7 & PUBLIC WATER WORKS, STW, PANCHAYATI RAJ TUBE WELL & PUMPED CANALS.						

अधीक्षण अभियन्ता (वाह)
केसको, कानपुर

$$\frac{E(L)}{\theta}$$

(a)	Commercial Loads / Private Institutions / Non-Domestic Bulk Power consumer with contracted Load 75 kW & above and getting supply at single point on 11 kV & above:	146.68	39,208.91	93.88	96.34		147	39,209	94	
	For Supply at 11 kV	147	39,209	94	96					
	0-2500 kWh / month	139	1,176	3	3					
	Above 2500 kWh / month	1467	38,032.64	90.89	93.40					
	For Supply above 11 kV	-	-	-	-					
	0-2500 kWh / month	-	-	-	-					
	Above 2500 kWh / month	-	-	-	-					
(b)	Public Institutions, Registered Societies, Residential Colonies / Townships, Residential Multi-Storeyed Buildings including Residential Multi-Storeyed Building, Single Point on 11 kV & above and getting supply at Single Point on 11 kV & above voltage levels:	146.68	39,208.91	93.88	87.32		147	39,209	94	
	For Supply at 11 kV	146.68	39,208.91	93.88	87.32					
	0-2500 kWh / month	132.01	1,176.27	3.99	3.70					
	Above 2500 kWh / month	1467	38,032.64	90.89	84.62					
	For Supply above 11 kV	-	-	-	-					
	0-2500 kWh / month	-	-	-	-					
	Above 2500 kWh / month	-	-	-	-					
	Sub Total HV-1	203.36	78,447.81	187.76	183.66					
	LARGE AND HEAVY POWER:									
	Urban Schedule:	637.69	2,18,828.90	634.62	495.57					
HV-2	Supply up to 11 kV	637.69	2,18,828.90	634.62	495.57		638	2,18,829	635	400
	Summer Months (April to September)	637.69	2,18,828.90	634.62	495.57		638	2,18,829	635	400
	05:00 hrs - 11:00 hrs	127.54	28,447.76	126.92	90.96		128	28,448	127	91
	11:00 hrs - 17:00 hrs	89.31	37,200.61	89.39	145.12		90	37,201	89	145
	17:00 hrs - 23:00 hrs	58.77	21,882.89	58.46	57.67		64	21,883	63	58
	Winter Months (October to March)	255.08	1,31,297.31	253.85	201.82		255	1,31,297	254	202
	05:00 hrs - 11:00 hrs									
	11:00 hrs - 17:00 hrs									
	17:00 hrs - 23:00 hrs									
	23:00 hrs - 05:00 hrs									
	Supply above 11 kV and up to 66 kV	-	-	-	-					
	Summer Months (April to September)	-	-	-	-					
	05:00 hrs - 11:00 hrs	-	-	-	-					
	11:00 hrs - 17:00 hrs	-	-	-	-					
	17:00 hrs - 23:00 hrs	-	-	-	-					
	23:00 hrs - 05:00 hrs	-	-	-	-					
	Winter Months (October to March)	-	-	-	-					
	05:00 hrs - 11:00 hrs	-	-	-	-					
	11:00 hrs - 17:00 hrs	-	-	-	-					
	17:00 hrs - 23:00 hrs	-	-	-	-					
	Supply above 66 kV and up to 132 kV	-	-	-	-					
	Summer Months (April to September)	-	-	-	-					
	05:00 hrs - 11:00 hrs	-	-	-	-					
	11:00 hrs - 17:00 hrs	-	-	-	-					
	17:00 hrs - 23:00 hrs	-	-	-	-					
	23:00 hrs - 05:00 hrs	-	-	-	-					
	Winter Months (October to March)	-	-	-	-					
	05:00 hrs - 11:00 hrs	-	-	-	-					
	11:00 hrs - 17:00 hrs	-	-	-	-					
	17:00 hrs - 23:00 hrs	-	-	-	-					
	Supply above 132 kV	-	-	-	-					
	Summer Months (April to September)	-	-	-	-					
	05:00 hrs - 11:00 hrs	-	-	-	-					
	11:00 hrs - 17:00 hrs	-	-	-	-					
	17:00 hrs - 23:00 hrs	-	-	-	-					
	23:00 hrs - 05:00 hrs	-	-	-	-					
	Winter Months (October to March)	-	-	-	-					
	05:00 hrs - 11:00 hrs	-	-	-	-					
	11:00 hrs - 17:00 hrs	-	-	-	-					
	17:00 hrs - 23:00 hrs	-	-	-	-					

अधीक्षण अभियन्ता (वा0)
के.सो. कानपुर

