

ANNEXURES



U.P. POWER CORPORATION LIMITED

ANNEX-1

उत्तर प्रदेश पावर कारपोरेशन लिमिटेड

(उपरोक्त सरकार का उपक्रम)

(Govt. of Uttar Pradesh Undertaking)

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No. 421 /RAU/ARR 2022-23

Dated: 12 Oct., 2021

Secretary,
U.P. Electricity Regulatory Commission,
Vidyut Niyamak Bhawan,
Vibhuti Khand, Gomti Nagar,
Lucknow.

Sub: Compliance of UPERC directive issued for FY 2021-22 regarding preparation of scheme for transfer of subsidy with the approval of the State Govt. and submission of roadmap.

Sir

Hon'ble Commission has issued following direction in the Tariff Order dated 29.07.2021 under compliance of directives for FY 2021-22:

"To prepare a scheme for transfer of subsidy in a transparent manner with the approval of the State Government to be implemented with effect from 1st April, 2022. Roadmap to be submitted for DBT in their next ARR filing for FY 2022-23."

Following paras of Tariff Order dated 29.07.2021 are related to above direction:

8.1.10. Further the Letter of GoUP with Ref: 998/24-P-3-2021-969/2021 dated 26.3.2021 regarding subsidy has been received by the Commission, which mentions of a direction under Section 108 of Electricity Act, 2003 regarding category/sub-category/slab wise "tariff without subsidy" and "subsidy per unit" to be provided by the Commission. The Commission's view on the same was given in its Tariff Order for FY 2020-21 dated 11 November 2020. Relevant portion of the concerned para is reproduced as below:

"10.2.1. The Petitioners have not developed any transparent mechanism for proper utilization of this subsidy only for the directed class of consumers namely, agricultural, lifeline, rural domestic etc. In view of ensuring transparent utilization of public resources by way of subsidy, the Petitioners are directed to prepare a scheme for transfer of subsidy in a transparent manner with the approval of the State Government to be implemented with effect from 1st April 2022. For introduction of DBT, the Petitioners will need to achieve 100% metering of all consumers and also computerise the details of all those consumers who are to be benefitted with subsidy under DBT including agricultural consumers. The Petitioners shall submit the roadmap for DBT in their next ARR filing for year 2021-22."

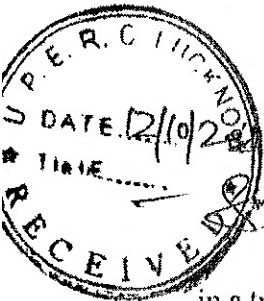
The Commission reiterates the above reasoning and directs the Petitioners to submit the roadmap for DBT in their next ARR filing for its consideration subject to meeting the provisions under Section 65 of the Electricity Act, 2003, wherein the subsidy amount is to be provided in advance.

Licensee wish to submit that GoUP has already approved the scheme for transfer of subsidy in a transparent manner as described below:

1. The direction of GoUP conveyed to UPERC vide letter no. 998 / चौबीस-पी-3-2021-969 / 2021 dated 26.03.2021 under Section-108 of Electricity Act-2003, as referred above, about the scheme for transfer of subsidy in a transparent manner is as below :

उत्तर प्रदेश शासन द्वारा शासकीय सहायिकी को पारदर्शी तरीके से पात्र उपभोक्ताओं के बीजकों से वर्ष 2022-23 के टैरिफ आदेश के माध्यम से ही प्रारम्भ करने का निर्णय लिया गया है। अतएव विद्युत अधिनियम-2003 की धारा-108 के अन्तर्गत शासन द्वारा मा0 नियामक आयोग को शासकीय सहायिकी रहित टैरिफ निर्धारण करने एवं टैरिफ आदेश में शासन द्वारा अनुमोदित उपभोक्ता श्रेणी/उपश्रेणी/स्लेबवार शासकीय सहायिकी की प्रतियुनिट/प्रति बीएचपी/प्रति किलोवाट दर को अंकित करने हेतु निर्देशित किया जाता है। टैरिफ आदेश की दरों में शासकीय सहायिकी की दर समायोजित नहीं की जायेगी।

निदेशक (वैजिज्य)
केस्वो, कानपुर



शासन द्वारा निर्धारित शासकीय सहायिकी की दर का अंकन एवं समायोजन उपभोक्ताओं के मासिक बीजकों में किया जायेगा। शासन द्वारा उपलब्ध करायी गयी अग्रिम शासकीय सहायिकी के उपयोग का सब्सिडाईज्ड उपभोक्ता श्रेणियों/उपश्रेणियों, स्लैब के अनुसार वास्तविक प्रतियूनिट/प्रति बीएचपी/प्रति किलोवाट उपभोग के आधार पर 0.00 पावर कारपोरेशन लि० द्वारा त्रैमासिक लेखा प्रत्येक तिमाही की समाप्ति के एक माह के अन्दर शासन को भेजा जायेगा। इसके आधार पर तिमाही लेख में उपलब्ध शेष सहायिकी अथवा शासन से वांछित अतिरिक्त शासकीय सहायिकी का समायोजन करते हुये 0.00 शासन द्वारा आगामी तिमाही की सहायिकी की धनराशि में परिवर्तन किया जायेगा। यह प्रक्रिया अप्रैल-जून, 2022 तिमाही से प्रारम्भ होगी।"

2. The requirement of Hon'ble Commission to achieve 100% metering of all consumers who are to be benefited with subsidy under DBT has already been addressed in the above direction. Relevant portion is reproduced below:

"शासन द्वारा मा० नियामक आयोग को शासकीय सहायिकी रहित टैरिफ निर्धारण करने एवं टैरिफ आदेश में शासन द्वारा अनुमोदित उपभोक्ता श्रेणी/उपश्रेणी/स्लैबवार शासकीय सहायिकी की प्रतियूनिट/प्रति बीएचपी/प्रति किलोवाट दर को अंकित करने हेतु निर्देशित किया जाता है।"

The Govt. subsidy can be applied to all agriculture, lifeline, rural domestic consumers as per following subsidy per unit rates communicated by GoUP to Hon'ble Commission vide GoUP letter no. 833/24-1-21-1307/2020 dated 13.05.2021 on the basis of ARR Petition data of Discoms and this meets the requirement of transparent mechanism approved by GoUP :

Table-1

उपभोक्ता श्रेणी	वित्तीय वर्ष 2021-22		
	यूनिट	सब्सिडी प्रति यूनिट	कुल सब्सिडी (रु० करोड)
एल०एम०वी-1 घरेलू बत्ती पंखा			5,452
लार्डफ लाइन उपभोक्ता	रु०/यूनिट	3.25	483
ग्रामीण अनमीटर्ड	रु०/किलोवाट/माह	365	743
ग्रामीण मीटर्ड (सभी उपभोक्ताओं के लिये)			
0-100 यूनिट	रु०/यूनिट	2.45	3,448
101-150 यूनिट	रु०/यूनिट	2.00	778
निजी नलकूप (ग्रामीण शेड्यूल के अनुसार आपूर्ति)			6,198
ग्रामीण शेड्यूल मीटर रहित एवं मीटर सहित	रु०/बी०एच०पी०/माह	490	6,198
कुल सब्सिडी			11,650

The above subsidy amount was also approved by Hon'ble Commission in TO as reproduced below:
6.15.5. The Commission approves the subsidy amount as submitted by the state owned DISCOMs.

3. Hon'ble Commission has issued another direction as below related to implementing DBT mechanism:

"Metering of LMV-10 consumers should be completed by end of FY 2021-22. Discoms shall also strike to ensure metering of consumers in LMV-5 category as well because 100% metering of consumers is necessary for implementing DBT mechanism."

निदेशक (वित्त) के स्वको के द्वारा There are only two unmetered subsidized subcategories viz. LMV-1 (Rural) unmetered and PTW unmetered as mentioned in above table of subsidy communicated to Hon'ble Commission under section-65 of Electricity Act-2003. As regards to unmetered PTW rural consumers, Hon'ble Commission has allowed the proposal of GoUP sent vide letter no. 707/24-P-1/2021 dated 25.3.2021 as detailed in following paras of TO :

- 8.1.12 Further, the Commission is in receipt of a GoUP letter with Ref: 707/24-P-1/2021 dated 25.3.2021 under Section 108 of EA 2003, wherein GoUP mentioned that since majority of the rural LMV-5 consumers are unmetered, and taking into consideration the impact of Covid pandemic, GoUP has decided that tariff rates of rural LMV-5 unmetered consumers may be levied on LMV-5 metered consumers tariff and has directed the Commission to consider the same.

- 8.1.13 Subsequently, GoUP again sent a letter with Ref: 812/24-1-21-1307/2020 dated 12.5.2021 for billing LMV-5 rural metered as unmetered, however metering of unmetered consumers will also be done and the meter reading will be used for the purpose of energy accounting and subsidy computation. The difference between the revenue at unmetered rates & revenue as per metered energy & rates, would be provided to the Licensees by GoUP.
- 8.1.14 Although, this provision is not in conformity of Section 65 of Electricity Act, 2003, in regard to advance subsidy, however, in view of the State Government's commitment to provide additional subsidy in regards to the above arrangement, the Commission accepts this proposal and the additional subsidy amount, which will be computed at the time of True-up shall be payable by the State Government in conformity to Section 65 of Electricity Act, 2003.

It is clear from the above that Hon'ble Commission has also accepted the direction of GoUP issued vide letter no. 812/24-1-21-1307/2020 dated 12.5.2021 although, this provision is not in conformity of Section 65 of Electricity Act, 2003, with regard to advance subsidy. Hon'ble Commission has not approved any sales for LMV-1 (Rural) unmetered subcategory in Tariff Order dt. 29.07.2021 and LMV-10 has not been mentioned as subsidized category in GoUP letter.

4. It is further submitted that the term 'DBT' is not available in Electricity Act-2003/UPERC Regulations/Tariff Policy, 2016. One of the interpretation may be transfer of amount of Govt. subsidy in the bank account of subsidized consumers. The amount of subsidy will be computed on the basis of monthly consumption of the consumer connection after bill preparation. In this case subsidized consumers will have to pay the unsubsidized bill to Discoms and then the subsidy amount of this bill may be transferred to consumer's bank account. However, considering the paying capacity many of the subsidized consumers of low income group, they may not be able to pay the amount of unsubsidized bill and this may result in disconnections/increase in arrears. Another option is mentioning and deducting the amount of subsidy in the monthly bill of consumers.
5. The GoUP has approved the roadmap in letter dated 26.03.2021 as below:
 - a) The GoUP has approved the mechanism of mentioning the rate of Govt. Subsidy as decided by GoUP in the monthly bills of consumers and making adjustment of the subsidy amount in the billed amount of consumers.
 - b) The quarterly account of the utilization of Govt. subsidy provided in advance as per the actual per unit/per Bhp/per KW consumption for subsidized consumers categories/sub-categories/slabs will be submitted by UPPCL to GoUP within one month of the completion of every quarter.
 - c) On the basis of quarterly account the amount of subsidy for next quarter will be revised after adjusting the amount of remaining subsidy or the amount of additional subsidy required from the Govt.
 - d) The above process will start from the quarter April-June, 2022.
6. The point-b of above roadmap approved by GoUP meets the requirement of advance subsidy as per Electricity Act-2003. The GoUP letter no. 833/24-1-21-1307/2020 dated 13.05.2021 was also issued under section-65 of Electricity Act-2003 and was accepted by Hon'ble Commission in the Tariff Order dated 29.07.2021.
7. The GoUP has further conveyed in the above referred letter dated 26.03.2021 as below:
 - a) विद्युत अधिनियम-2003 की धारा-108 के अन्तर्गत शासन द्वारा मा0 नियामक आयोग को शासकीय सहायिकी रहित टैरिफ निर्धारण करने एवं टैरिफ आदेश में शासन द्वारा अनुमोदित उपभोक्ता श्रेणी/उपश्रेणी/स्लैबवार शासकीय सहायिकी की प्रतियूनिट/प्रति बीएचपी/प्रति किलोवाट दर को अंकित करने हेतु निर्देशित किया जाता है।
 - b) "टैरिफ आदेश की दरों में शासकीय सहायिकी की दर समायोजित नहीं की जायेगी।"

निदेशक (वाणिज्य)

केस्को, कानपुर

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8. The Govt. subsidy details approved in Tariff Order are as below:

Table-2

Type of Charge (CONSOLIDATED ALL DISCOMS)	As per GoUP Letter No. 833/24-1-21-1307/2020 Dated 13.5.2021
LMV-1: Domestic Light, Fan & Power	Subsidy amount (Rs. Crs)
Dom: Rural Schedule (unmetered)	743
Dom Rural : Load up to 2 kW	
Dom Rural : Load above 2 kW	
Dom: Rural Schedule (metered) other than BPL	4226
Dom: 0-100	3448
Dom: 101 - 150	778
Dom: 151 - 300	
Dom: 301 - 500	
Dom: > 500	
BPL (both Rural and Urban)	483
SUBTOTAL (LMV-1)	5452
LMV-5: Private Tube Wells/ Pumping Sets	
PTW: Rural Schedule (unmetered)	6198
PTW: Rural Schedule (metered)	6198
SUBTOTAL (LMV-5)	11650
Total Subsidy (LMV1 + LMV 5)	

The amount of Govt. subsidy for LMV-1 (Rural) unmetered consumers mentioned in above table may have been transferred to rural metered consumers as billing determinants for rural unmetered consumers have not been approved in Tariff Order. Accordingly, this amount has been proportionately added to the Govt. subsidy amount of LMV-1 (Rural) metered consumers for converting it in per unit rate of subsidy for metered subsidized consumers as demonstrated in the following table:

Table-3

Consumer Category	Fixed Charges (as approved in Tariff order)	Energy Charges (as approved in Tariff order)	Subsidy/ unit as per GoUP directions	Total Subsidy	Subsidy from Rural unmetered allocated to Rural Metered under LMV-1	Approved Sales for FY 2021-22	Revised Subsidy/unit as per Tariff order data	Fixed Charges (Without Govt. Subsidy)	Energy Charges (Without Govt. Subsidy)	% of per unit Govt Subsidy to per unit energy/fixed charge without Govt subsidy
LMV-1 Domestic Light, Fan & Power										
Unit	Rs. /kWh/ month	Rs./kWh		Rs. Cr	Rs. Cr	Mus	Rs. /kWh	Rs. /kWh/month	Rs./kW h	%
Life Line Consumer	50	3.00	Rs.3.25/ kWh	483		1533.47	3.15	Rs. 50.00 / kWh/ month	6.15	51.22%
Rural Unmetered	500	nil	Rs. 365 / kW / month	743	0		moved to metered consumers		nil	N A
Rural Metered										
0-100 Unit	90	3.35	Rs. 2.45/kWh	3448	606.21	14077.77	2.88	Rs. 90.00/ kWh / month	6.23	46.23%
101-150 Unit		3.85	Rs. 2.00/kWh	778	136.79	3887.79	2.35	Rs. 90.00/ kWh / month	6.20	37.90%
LMV- 5 Rural Schedule only										
Unit	Rs. /BHP/ month	Rs. /kWh		Rs. Cr	Rs. Cr	Mus	Rs./kWh	Rs./BHP /month	Rs./kW h	%
Consumer getting supply as per Rural Schedule (unmetered)	170	nil	Rs. 490 /BHP / month	6198		14,006.06	0.00	660	nil	74.24%
Consumer getting supply as per Rural Schedule (metered)	160	2.00					0.00	650	2.00	75.38%
Total Subsidy				11,650						

The last column of above table provide the % of Govt. subsidy component with respect to computed per unit rate without Govt. subsidy.

9. The roadmap approved by GoUP as mentioned in point no. 4 above can be easily applied for FY 2022-23 as demonstrated in above table. This has been further demonstrated in the following table on the basis of related data approved in TO dt. 29.07.2021:

Table-4

Subsidized categories as per GoUP			Demonstration as per GoUP direction and approved roadmap		Cross Subsidy Approved as per of Tariff Order for FY 21-22	Cross Subsidy as per computed ABR (without Govt. subsidy)
Consumer Category/ Sub- Category/ Slab	ABR approved in T.O (Rs./kWh)		Computed ABR (without Govt. Subsidy) (Rs./kWh)	Government Subsidy (Rs./kWh)		
LMV-1	DOMESTIC LIGHT, FAN & POWER:					
(a)	Consumers getting supply as per 'Rural Schedule'	4.78	4.78			
(i)	Lifeline Consumers: With contracted load of 1.00 kW, Energy consumption upto 100 kWh/ month	3.73	6.88	3.15	-50.46%	-8.69%
(ii)	Un-Metered:					
(iii)	Metered: (Dom: Rural Schedule (metered) other than BPL)	4.85	4.85			
	Upto 100 kWh / Month	4.05	6.93	2.88	-46.24%	-8.05%
	101-150 kWh / Month	5.47	7.82	2.35	-27.48%	3.73%
	151-300 kWh / Month	6.23	6.23	-	-17.33%	-17.33%
	301-500 kWh / Month	6.68	6.68	-	-11.44%	-11.44%
	Above 500 kWh / Month	7.65	7.65	-	1.43%	1.43%
LMV-5	SMALL POWER FOR PRIVATE TUBE WELL/ PUMPING SETS FOR IRRIGATION PURPOSES:					
(a)	Consumers getting supply as per "Rural Schedule"	3.76	8.19	4.43		
(i)	Un-Metered Supply	1.22	1.22		-83.78%	-25.09%
	Rural Schedule	1.22	1.22			
	Rural Schedule Pumps	-	4.43	4.43		
(ii)	Metered Supply	2.54	2.54		-66.32%	-7.63%
	Rural Schedule	2.54	2.54			
	Rural Schedule Pumps	-	-			
(iii)	Energy Efficient Pumps	-	-			
(b)	Consumers getting supply as per "Urban Schedule (Metered Supply)"	6.78	11.21	4.43	-10.04%	-10.04%
	Sub Total LMV-5	1.32	1.32		-82.52%	-23.83%

10. The last column of above table highlights the requirement of rationalization of cross subsidy as per the provisions of Tariff Policy, 2016 as mentioned in point no. 3 of GoUP letter dated 13.05.2021. The Tariff Policy, 2016 clause 8.3 is reproduced below:

8.3 Tariff design: Linkage of tariffs to cost of service

In terms of the Section 61(g) of the Act, the Appropriate Commission shall be guided by the objective that the tariff progressively reflects the efficient and prudent cost of supply of electricity.

The State Governments can give subsidy to the extent they consider appropriate as per the provisions of section 65 of the Act. Direct subsidy is a better way to support the poorer categories of consumers than the mechanism of crosssubsidizing the tariff across the board. Subsidies should be targeted effectively and in transparent manner. As a substitute of cross subsidies, the State Government has the option of raising resources through mechanism of electricity duty and giving direct subsidies to only needy consumers. This is a better way of targeting subsidies effectively.

निदेशक (वाणिज्य)

केस्यगे, कामपुर

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Accordingly, the following principles would be adopted:

1. Consumers below poverty line who consume below a specified level, as prescribed in the National Electricity Policy may receive a special support through cross subsidy. Tariffs for such designated group of consumers will be at least 50% of the average cost of supply.
2. For achieving the objective that the tariff progressively reflects the cost of supply of electricity, the Appropriate Commission would notify a roadmap such that tariffs are brought within $\pm 20\%$ of the average cost of supply. The road map would also have intermediate milestones, based on the approach of a gradual reduction in cross subsidy.
3.
4. Extent of subsidy for different categories of consumers can be decided by the State Government keeping in view various relevant aspects. The subsidized rates of electricity should be permitted only up to a pre-identified level of consumption beyond which tariffs reflecting efficient cost of service should be charged from consumers. If the State Government wants to reimburse even part of this cost of electricity to poor category of consumers the amount can be paid in cash or any other suitable way. Use of prepaid meters can also facilitate this transfer of subsidy to such consumers.
5.

It is clear from table 4 above that the category wise % of cross subsidy mentioned in Tariff Order has changed after considering the Govt. subsidy in respective subcategories/slabs. The overall status of cross subsidy of all the categories/subcategories/slabs computed on the basis of Tariff Order data is annexed as Annexure-1. This annexure highlights that without Govt. subsidy, the cross subsidies of LMV-1, HV-2, HV-3 and HV-4 consumer categories are within $\pm 20\%$ while LMV-5, LMV-6, LMV-7 and LMV-8 consumer categories cross subsidies are close to $\pm 20\%$.

The Notification of the UPERC roadmap for cross subsidy reduction without Govt. subsidy is also required for tariff proposal as referred in Tariff Order FY 2021-22 as below :

2.5.2. The Commission had asked the State-owned Distribution Licensees to submit the revised Rate Schedule for various categories of consumers in reference to the Tariff Rationalization proposed for FY 2021-22. Further, the State-owned Distribution Licensees were also directed to submit the Revenue models depicting existing rate schedule v/s Proposed Rate schedule after Tariff Rationalization. In reply, State owned Distribution Licensees did not submit the required data but have submitted that they request the Commission to determine the tariff without government subsidy and mention separately the subsidy rates as communicated by GoUP. They further submitted that the proposal for rate schedule requires the cross subsidy amongst various consumer categories and the road map for cross-subsidy reduction has not yet been approved, hence the Commission may determine the Tariff without government subsidy, as per approved road map of cross subsidy and approved average cost of supply.

11. Section 65 of the Act mandate that state governments determine and pay the subsidy amount that they want to provide to various consumer categories in advance. Further, the 2016 National Tariff Policy prescribes that the state electricity regulatory commission "should determine the tariff initially, without considering the subsidy commitment by the State Government and subsidised tariff shall be arrived at thereafter considering the subsidy by the State Government for the respective categories of consumers" (Ministry of Power, 2016). In case there are delays in state subsidy disbursement, DISCOMs are to levy the tariff rates from the initial tariff schedule that does not consider the subsidy amount in the calculation of tariff rates.

निदेशक
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12. It is further submitted that Tariff orders of the states of Bihar, Haryana, Andhra Pradesh and Delhi contain Tariff without Government Subsidy. It has also been observed from the electricity bills of the subsidized consumers of these states (Annexure-2) that the amount of total government subsidy being provided by Government have been specifically mentioned in the electricity bill and deducted from total amount of these bills. The State Electricity Regulatory Commissions of the above mentioned states have been determining their Tariff schedule without the considering the subsidy from the State Governments. Moreover, the information regarding disbursement of subsidy is also opaque and not informative of the units subsidized per consumer.

The treatment of Govt. subsidy in each of these states has been described below:

Treatment of Govt. Subsidy by state of Bihar:

- BEREC have specifically stated vide *section 14. General* (page 25) (Annexure-3) of their tariff order for FY 21-22 that:

"The Commission has been determining the Retail Tariff without considering the Government subsidy from FY 2017-18 onwards. Accordingly, the Commission has approved the retail tariff for FY 2020-21 also without considering Government subsidy."

The Government of Bihar has been announcing direct subsidy to consumers. If the State Government announces any direct subsidy to any category of consumers after the pronouncement of retail tariff for FY 2020-21 by the Commission, the DISCOMs shall immediately bring the same to the notice of the Commission intimating the tariff rates at which the DISCOMs proposes to bill the energy charges for such category of consumers and also ensure adequate publicity of the same. Further, the details such as the energy charges as per the tariff rates, reduction of energy charges due to government subsidy and net energy charges to be paid by the consumers shall be clearly exhibited in the electricity bill to be served to the consumers."

- Unmetered consumers in Domestic and Agriculture subsidized categories exist in the state of Bihar

Treatment of Govt. Subsidy by state of Andhra Pradesh (Annexure-4):

- APERC has been determining tariff schedule without considering the subsidy receivable from the state government which is clear from the attached bill of Andhra Pradesh wherein the amount of Govt. subsidy has been mentioned in the bill separately.
 - Unmetered consumers in the abovementioned categories also exist.

Treatment of Government subsidy by the state of Haryana (Annexure-5):

- HERC has been determining tariff schedule without considering the subsidy receivable from the state government which is clear from the attached bill of Haryana wherein the amount of Govt. subsidy has been mentioned in the bill separately.
- The subsidy is provided to Agricultural and domestic consumers primarily and unmetered consumers exists in both categories.

Treatment of Government subsidy by the state of Delhi:

- There is no mention of Govt. subsidy in the ARR in Tariff Order of DERC. DERC has been determining tariff schedule without considering the subsidy receivable from the state government which is clear from the attached bill of Delhi wherein the amount of Govt. subsidy has been mentioned in the bill separately.
- In absence of significant agricultural consumers, DERC has been subsidizing primarily domestic consumers. The commission vide Statutory advice under section 82 of the Act, 2003 vide letter no. 3(604)/Tariff-Engg./DTRC/2019-20/6731/1028 dated 19.10.2020 (Annexure-6) has approved the subsidy to "poorer and needy" categories- primarily domestic.

Treatment of Government subsidy by the state of Tamil Nadu:

- TNERC has been determining tariff indicating the subsidy from the Government of Tamil Nadu vis-à-vis the total charges for the subsidized categories. A sample of table from TNERC press release of TANGEDCO retail tariff petition (Annexure-7) is reproduced below for reference:

Tariff	Consumption slabs – Range in kWh(units) and billing period (one or two months)	Approved Tariff rate		Subsidy for Energy Charges in paise / kWh	Tariff rate payable by consumer	
		Fixed charges (Rupees per month)	Energy charges in paise / kWh		Fixed charges (Rupees per month)	Energy Charges in paise / kWh
Low Tension	For consumers who consume upto 50 units per month or 100 units for two months					
	From 0 to 50 units per month (or) 0 to 100 units for two months	10	260	150	10	110
Tariff I- A	For consumers who consume from 51 units to 100 units per month (or) 101 to 200 units per month					
	From 0 to 100 units per month (or) 0 to 200 units for two months	10	280	100	10	180
	For consumers who consume from 101 units to 250 units per month (or) 201 units to 500 units for two months					
	From 0 to 100 units per month (or) 0 to 200 units for two months	15	300	Nil	15	300
	From 101 to 250 units per month (or) 201 to 500 units for two months		400	50		350
Tariff I- A	For consumers who consume 251 units and above per month (or) 501 units and above for two months					
	From 0 to 100 units per month (or) 0 to 200 units for two months	20	300	Nil	20	300
	From 101 to 250 units per month (or) 201 to 500 units for two months		400	Nil		400
	From 251 units and above per month (or) 501 units and above for two months		575	Nil		575

Treatment of Government subsidy by the state of Madhya Pradesh (Annexure-8):

MPERC has determined the tariff to recover the full ARR for FY 21-22 and has not considered the tariff subsidy in its computation. If any, subsidy received from Government shall be considered by the Commission on the basis of actuals at the time of truing up (refer page 135 of MPERC Retail Supply Tariff Order FY 2021-22). The relevant text from MPERC Retail Tariff order for FY 21-22 is reproduced below (relevant portions from the tariff order is attached (Annexure-8) :

ISSUE No. 8: Computation of Aggregate Revenue Requirement (ARR) Stakeholders Suggestions:

In the Chapter A11 of the Petition, the ARR for FY 2021-22 for FY 2021-22 on the basis of correct figures.

Petitioners' Response: The Petitioners submitted that the tariff petition has been prepared on the basis of past years audited data & present available figure with DISCOMs. Further, ARR is calculated in accordance with the provisions of MYT Regulations, 2015 and its amendments thereof. Summary of ARR for all three DISCOMs along with MPPMCL cost available in Table 129 of the Petition. Subsidy provided by State Government is not the subject matter of the instant Petition and revenue has been considered as per tariff schedule approved by the Commission.

Commission's View: The Commission has taken the cognizance of the stakeholders' suggestions and Petitioners' reply and has approved the ARR on the basis of the provisions of the MYT Regulations, 2015 and its amendments thereof. Further, the Commission has determined the tariff to recover the full ARR and has not considered the tariff subsidy in its computation. If any subsidy received from Government shall be considered by the Commission on the basis of actuals at the time of truing up."

(emphasis supplied)

Treatment of Government subsidy by the state of Rajasthan:

Vide section 4.2.5 of the RERC tariff order for FY 19-20 (Petition No. RERC 1541/19, 1542/19, 1543/19), the tariff has been determined for each category without considering any subsidy. The subsidy, if provided by the Govt., would be considered on basis of actuals at the time of Truing up by the commission. Further RERC has mentioned that the Government, if it provides subsidy,

contd....9/-

should pay such subsidy in advance to the Licensee as per RERC (Terms & Conditions for Determination of Tariff) Regulations, 2019.

The relevant text from RERC Retail Tariff order for FY 19-20 is reproduced below (relevant portions from the tariff order is attached as Annexure-9):

"4.2 Tariff Philosophy

.....

4.2.5 The tariff has been determined for each category without considering any subsidy. The subsidy, if provided by the Govt., would result in reduced amount payable by consumer of such category. Further, the Government, if it provides subsidy, should pay such subsidy in advance as per RERC (Terms & Conditions for Determination of Tariff) Regulations, 2019."

13. Proposed treatment of Govt. subsidy in the State of U.P.

GoUP has directed to mention the per unit rate of subsidy also in Tariff order separately by above referred letter dated 26.03.2021. GoUP has also informed to UPERC that the per unit rate of Govt. subsidy will not be adjusted in the rates of Tariff Order. It will be for the knowledge of consumers of subsidized categories/subcategories/slabs as informed by GoUP to Hon'ble commission under section 65 of Electricity Act 2003. Further, as demonstrated in above table no.3, there may still remain some difference in per unit rate of subsidy communicated by GoUP and computed as per approved billing determinants of Hon'ble Commission. This difference may be eliminated only if Govt subsidy communicated to Hon'ble commission is based on approved billing determinants and GoUP had requested to Hon'ble Commission vide letter dated 13.05.2021 to provide these data to the government. The relevant text is reproduced below:

.....

"मा0 नियामक आयोग द्वारा वित्तीय वर्ष 2021-22 के लिये विक्रय ऊर्जा, एआरआर, आपूर्ति की औसत लागत एवं टैरिफ (फिक्स्ड चार्ज एवं एनर्जी चार्ज) को (सब्सिडी रहित) आंकलित कर अंतिम रूप दिया जा रहा है। उक्त आंकलन के परिणाम के पश्चात् ही उत्तर प्रदेश सरकार द्वारा चिन्हित श्रेणियों के उपभोक्ताओं को अनुमन्य सब्सिडी की राशि का अन्तिम रूप से निर्धारित किया जाना संभव हो सकेगा।"

.....

"अतः अनुरोध है कि कृपया मा0 नियामक आयोग द्वारा उक्त के संबंध में उत्तर प्रदेश सरकार को वांछित आंकड़े सूचित कर दिये जायें जिससे कि चिन्हित श्रेणी के उपभोक्ताओं को अनुमन्य सब्सिडी राशि का अन्तिम रूप से निर्धारण किया जा सके।"

14. It is also to be submitted that the Subsidy of GoUP for FY 2022-23 will be approved in the GoUP budget of this year and thus will not be possible for Licensees to submit it in their ARR Petitions to be filed by 30th November.

The above deliberations demonstrate following observations related to ARR petition for FY 2022-23:

- i) The GoUP direction/ roadmap referred above meet the requirements of UPERC direction.
- ii) There are only two unmetered subcategories related to GoUP subsidy.
- iii) 100% metering is not required for implementing the directions.
- iv) The amount of Govt subsidy for FY 2022-23 will be available through the government budget only.
- v) The amount of Govt subsidy provided to Licensee will be adjusted in consumer electricity bills and quarterly account will be submitted to GoUP as per Govt directions.
- vi) The mention of overall Govt subsidy amount in the petition is not required for compliance of these directions.
- vii) The per unit rate of Govt subsidy of Subsidized consumer categories/ subcategories/ slabs, as decided by GoUP, will be directly provided by GoUP to UPERC under section 65 of Electricity Act for mentioning in the Tariff Order.
- viii) The billing determinants finalized by UPERC will be required for the working of per unit rate of Subsidized consumer categories/ subcategories/ slabs.
- ix) The cross subsidy amongst consumer categories/subcategories/slabs need rationalization considering Govt subsidy and the UPERC notification is required regarding reduction in cross subsidy as per Tariff Policy, 2016 provisions.

x) As demonstrated above the SERCs of Bihar, Andhra Pradesh, Haryana, Delhi, Tamil Nadu, Madhya Pradesh & Rajasthan are determining the retail tariff without Govt. subsidy.

The above is humbly submitted for kind consideration of Hon'ble Commission.

Thanking you.

Encl: As above.

Yours faithfully,

(Niraj Agrawal)
Chief Engineer (RAU)

Chm

[Handwritten mark]

	Consumer Category/ Sub- Category/ Slab	ABR approved in T.O dated 29-07-21 (Rs./kWh)	ABR (without Govt. Subsidy, as per GoUP Directions)= Approved ABR + Govt. Subsidy	Government Subsidy	Cross Subsidy as per computed ABR (at full cost tariff)	Cross Subsidy Approved as per of Tariff Order for FY 21-22
	CONSUMER CATEGORY / SUB-CATEGORY/Slab					
LMV-1	DOMESTIC LIGHT, FAN & POWER:					
(a)	Consumers getting supply as per 'Rural Schedule'	4.78	4.78			
(i)	Lifeline Consumers: With contracted load of 1.00 kW, Energy consumption upto 100 kWh/ month	3.73	6.88	3.15	-8.69%	-50.46%
(ii)	Un-Metered:		-			
(iii)	Metered: (Dom: Rural Schedule (metered) other than BPL)	4.85	4.85		-35.68%	-35.68%
	Upto 100 kWh / Month	4.05	6.93	2.88	-8.05%	-46.24%
	101-150 kWh / Month	5.47	7.82	2.35	3.73%	-27.48%
	151-300 kWh / Month	6.23	6.23		-17.33%	-17.33%
	301-500 kWh / Month	6.68	6.68		-11.44%	-11.44%
	Above 500 kWh / Month	7.65	7.65		1.43%	1.43%
(b)	Supply at single point for bulk loads (50 kW and above, Supplied at any voltage): Deemed Franchisee of the Licensee should not charge more than 5% additional charge on the above specified rate.	7.26	7.26		-3.73%	-3.73%
(c)	Other Metered Domestic Consumers:	6.98	6.98		-7.49%	-7.49%
(i)	Other Metered Domestic Consumers other than BPL		-			
	Upto 150 kWh / month	6.51	6.51			-13.63%
	151-300 kWh / month	7.16	7.16			-5.09%
	301- 500 kWh / month	7.90	7.90			4.80%
	Above 500 kWh / month	8.33	8.33			10.44%
	Sub Total LMV-1	5.79	5.79		-7.50%	-23.17%
LMV-2	NON-DOMESTIC LIGHT, FAN & POWER:		-			

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(a)	Consumers getting supply as per "Rural Schedule"	11.12	11.12	-17.87%	-17.87%
(i)	Un-Metered	-	-		
(ii)	Metered	6.19	6.19		
(b)	Private Advertising / Signposts / Sign Boards / Glow Signs / Flex	40.93	40.93	442.78%	442.78%
	Metered	-	-		
(c)	Other Metered Consumers: (For All Loads)	11.49	11.49	47.49%	47.49%
	Upto 2 kW	10.28	10.28		
	Upto 300 kWh / month	9.93	9.93		
	301 - 1000 kWh / month	12.04	12.04		
	Above 1000 kWh/Month	11.24	11.24		
		-	-		
	Above 2 kW to 4 kW	11.11	11.11		
	Upto 300 kWh / month	11.48	11.48		
	301 - 1000 kWh / month	10.55	10.55		
	Above 1000 kWh/Month	10.39	10.39		
		-	-		
	Above 4 kW	13.09	13.09		
	Upto 300 kWh / month	12.74	12.74		
	From 301-1000 kWh / month	13.80	13.80		
	Above 1001 kWh / month	13.02	13.02		
	Sub Total LMV-2	10.49	10.49		
		-	-		
LMV-3	PUBLIC LAMPS:				
(i)	Un-Metered Supply:	-	-		
	Gram Panchayat.	-	-		
	Nagar Palika and Nagar Panchayat	-	-		
	Nagar Nigam	-	-		
(ii)	Metered Supply:	9.84	9.84		
	Gram Panchayat	8.85	8.85		
	Nagar Palika and Nagar Panchayat	9.73	9.73		
	Nagar Nigam	10.00	10.00		
	Sub Total LMV-3	9.79	9.79	29.90%	29.90%
		-	-		
LMV-4	LIGHT, FAN & POWER FOR PUBLIC & PRIVATE INSTITUTION:				

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4 (a)	For Public Institutions:	9.57	9.57				26.95%
	From 0-1000 kWh/ month	9.84	9.84				30.46%
	From 1001-2000 kWh/ month	9.26	9.26				22.79%
	Above 2001 kWh / month (From 2001st unit onwards)	8.94	8.94				18.57%
4 (b)	For Private Institutions:	11.72	11.72				55.42%
	Upto 3 kW: Upto 0-1000 kWh/Month	10.17	10.17				34.87%
	Upto 3 kW: Above 1000 kWh/Month	10.82	10.82				43.46%
	Above 3 kW: Upto 0-1000 kWh/Month	12.18	12.18				61.48%
	Above 3 kW: Above 1000 kWh/Month	12.89	12.89				70.90%
	Sub Total LMV-4	9.99	9.99		32.47%		32.47%
LMV-5	SMALL POWER FOR PRIVATE TUBE WELL/ PUMPING SETS FOR IRRIGATION PURPOSES:						
(a)	Consumers getting supply as per "Rural Schedule"	1.25	5.68				
(i)	Un-Metered Supply	1.22	5.65	4.43	-25.09%		-83.78%
	Rural Schedule	1.22	1.22				
(ii)	Rural Schedule Pumps	-	4.43				
	Metered Supply	2.54	6.97	4.43	-7.63%		-66.32%
	Rural Schedule	2.54	2.54				
	Rural Schedule Pumps	-	-				
(iii)	Energy Efficient Pumps	-	-				
(b)	Consumers getting supply as per "Urban Schedule (Metered Supply)"	6.78	6.78		-10.04%		-10.04%
	Sub Total LMV-5	1.32	5.75	4.43	-23.83%		-82.52%
LMV-6	SMALL AND MEDIUM POWER:						
(a)	Consumers getting supply as per "Rural Schedule"	9.13	9.13				
	Upto 1000 kWh/ month	10.51	10.51				
	Upto 2000 kWh/ month	7.68	7.68				
	Above 2000 kWh / month	7.79	7.79				
(b)	Consumers getting supply other than "Rural Schedule"	9.06	9.06				
	Upto 1000 kWh/ month	9.88	9.88				
	Summer Months (April to September)	9.88	9.88				

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	05:00 hrs - 11:00 hrs	9.82	9.82		
	11:00 hrs - 17:00 hrs	9.82	9.82		
	17:00 hrs - 23:00 hrs	10.90	10.90		
	23:00 hrs - 05:00 hrs	8.92	8.92		
	Winter Months (October to March)				
	05:00 hrs - 11:00 hrs				
	11:00 hrs - 17:00 hrs				
	17:00 hrs - 23:00 hrs				
	23:00 hrs - 05:00 hrs				
	Upto 2000 kWh/ month	8.37	8.37		
	Summer Months (April to September)	8.34	8.34		
	05:00 hrs - 11:00 hrs	8.30	8.30		
	11:00 hrs - 17:00 hrs	8.32	8.32		
	17:00 hrs - 23:00 hrs	9.40	9.40		
	23:00 hrs - 05:00 hrs	7.34	7.34		
	Winter Months (October to March)				
	05:00 hrs - 11:00 hrs				
	11:00 hrs - 17:00 hrs				
	17:00 hrs - 23:00 hrs				
	23:00 hrs - 05:00 hrs				
	Above 2000 kWh / month	8.64	8.64		
	Summer Months (April to September)	8.64	8.64		
	05:00 hrs - 11:00 hrs	8.55	8.55		
	11:00 hrs - 17:00 hrs	8.59	8.59		
	17:00 hrs - 23:00 hrs	9.78	9.78		
	23:00 hrs - 05:00 hrs	7.47	7.47		
	Winter Months (October to March)				
	05:00 hrs - 11:00 hrs				
	11:00 hrs - 17:00 hrs				
	17:00 hrs - 23:00 hrs				
	23:00 hrs - 05:00 hrs				
	Sub Total LMV-6	9.07	9.07	20.23%	20.23%
LMV-7	PUBLIC WATER WORKS:				
(a)	Consumers getting supply other than "Rural Schedule"	9.66	9.66		

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(b)	Consumers getting supply as per "Rural Schedule"	8.77	8.77		
	Sub Total LMV-7	9.42	9.42	24.95%	24.95%
LMV-8	STW, PANCHAYTI RAJ TUBE WELL & PUMPED CANALS:				
(i)	Metered	9.41	9.41		
(ii)	Un-Metered	-	-		
	Sub Total LMV-8	9.41	9.41	24.84%	24.84%
LMV-9	TEMPORARY SUPPLY:				
(a)	Un-Metered	-	-		
	Illumination / Public Address / ceremonies for loads upto 20 kW / connection plus Rs.100.00 / kW / day for each additional kW	-	-		
	Temporary shops set-up during festivals / melas or otherwise and having load up to 2 kW	-	-		
	PTW consumers of Bundelkhand Area having requirement of electricity only for the Rabi Crop i.e. period between November to February in any year.	-	-		
(b)	Metered	-	-		
	(i) Individual Residential Consumers	-	-		
	(ii) Others	-	-		
	From 3rd Year onwards: Base Tariff applicable for current year plus additional 10% of the applicable Energy Charge.	-	-		
	Sub Total LMV-9	10.26	10.26	36.09%	36.09%
LMV-10	DEPARTMENTAL EMPLOYEES AND PENSIONERS:	7.71	7.71		
	Sub Total LMV-10	7.71	7.71	2.32%	2.32%
LMV-11	ELECTRIC VEHICLE CHARGING:	-	-		

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	For Supply above 11 kV	20.37	20.37	20.37	
	0-2500 kVAh / month	9.45	9.45	9.45	
	Above 2500 kVAh / month	10.92	10.92	10.92	
(b)	Public Institutions, Registered Societies, Residential Colonies / Townships, Residential Multi-Storied Buildings including Residential Multi-Storied Buildings with contracted load 75 kW & above and getting supply at Single Point on 11 kV & above voltage levels:	9.69	9.69	9.69	
	For Supply at 11 kV	9.53	9.53	9.53	
	0-2500 kVAh / month	9.50	9.50	9.50	
	Above 2500 kVAh / month	9.56	9.56	9.56	
	For Supply above 11 kV	20.47	20.47	20.47	
	0-2500 kVAh / month	9.93	9.93	9.93	
	Above 2500 kVAh / month	10.54	10.54	10.54	
	Sub Total HV-1	9.91	9.91	9.91	31.39%
		-	-	-	31.39%
HV-2	LARGE AND HEAVY POWER:				
(A)	Urban Schedule:	7.94	7.94	7.94	
	Supply up to 11 kV	8.09	8.09	8.09	7.31%
	Summer Months (April to September)	8.09	8.09	8.09	
	05:00 hrs - 11:00 hrs	7.55	7.55	7.55	
	11:00 hrs - 17:00 hrs	8.06	8.06	8.06	
	17:00 hrs - 23:00 hrs	9.17	9.17	9.17	
	23:00 hrs - 05:00 hrs	7.63	7.63	7.63	
	Winter Months (October to March)				
	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	7.63	7.63	7.63	1.17%
	Summer Months (April to September)	7.63	7.63	7.63	
	05:00 hrs - 11:00 hrs	7.09	7.09	7.09	
	11:00 hrs - 17:00 hrs	7.63	7.63	7.63	
	17:00 hrs - 23:00 hrs	8.62	8.62	8.62	

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	23:00 hrs - 05:00 hrs	7.15	7.15	
	Winter Months (October to March)			
	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 66 kV and up to 132 kV			
	Summer Months (April to September)	7.46	7.46	-1.04%
	05:00 hrs - 11:00 hrs	7.02	7.02	
	11:00 hrs - 17:00 hrs	7.44	7.44	
	17:00 hrs - 23:00 hrs	8.46	8.46	
	23:00 hrs - 05:00 hrs	6.92	6.92	
	Winter Months (October to March)			
	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 132 kV	6.57	6.57	-12.87%
	Summer Months (April to September)	6.57	6.57	
	05:00 hrs - 11:00 hrs	6.14	6.14	
	11:00 hrs - 17:00 hrs	6.59	6.59	
	17:00 hrs - 23:00 hrs	7.51	7.51	
	23:00 hrs - 05:00 hrs	6.13	6.13	
	Winter Months (October to March)			
	05:00 hrs - 11:00 hrs	-	-	
	11:00 hrs - 17:00 hrs	-	-	
	17:00 hrs - 23:00 hrs	-	-	
	23:00 hrs - 05:00 hrs	-	-	
		-	-	
(B)	Rural Schedule	7.93	7.93	5.19%
	Supply up to 11 kV	7.93	7.93	
	Sub Total HV-2	7.93	7.93	5.28%

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HV-3	RAILWAY TRACTION & METRO RAIL:					
(A)	Railway Traction:					
	For Supply at and above 132 kV	10.06	10.06	-		
	For Supply below 132 kV	10.04	10.04	10.04		
(B)	METRO RAIL	10.08	10.08	10.08	33.18%	33.18%
	Sub Total HV-3	8.85	8.85	8.85	33.69%	33.69%
		9.11	9.11	9.11	17.39%	17.39%
					20.88%	20.88%
HV-4	LIFT IRRIGATION WORKS:			-		
	For Supply at 11 kV			-		
	For Supply above 11 kV upto 66 kV	8.75	8.75	8.75		
	For Supply above 66 kV upto 132 kV	9.07	9.07	9.07		
	Sub Total HV-4	9.93	9.93	9.93		
		8.89	8.89	8.89	17.97%	17.97%
	Extra State Consumer			-		
		7.83	7.83	7.83		
	Bulk Supply Consumer			-		
				-	3.85%	3.85%
	Grand Total	6.36	6.36		0.56%	-15.63%

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13.3. SUB-CATEGORY WISE AVERAGE BILLING RATE FOR FY 2021-22

TABLE 13-1: SUB-CATEGORY WISE AVERAGE BILLING RATE OF 5 DISCOMS CONSOLIDATED FOR FY 2021-22

Consumer Sub-Category	No. of Consumers	Load (kW)	Energy Sales (MU)	Fixed / Demand Charges allowed	Energy Charge	Total Revenue	Average Billing Rate
(A)	(B)	(D)	(E)	(H)	(I)	(J) = (H) + (I)	(K)
LMV-1: Domestic Light, Fan & Power							
Life Line Consumers (both Rural and Urban) (Sub-Total)	19,90,954	19,16,121	1,533.47	112.71	460.04	572.75	3.73
Dom: Rural Schedule (unmetered) (Sub-Total)	0	0	0	0	0	0	
Dom: Rural Schedule (metered) other than BPL (Sub-Total)	1,72,57,901	2,18,31,210	23,490.08	2,307.57	9,084.38	11,391.95	4.85
0-100 kWh/month	89,46,425	93,71,452	14,077.77	990.32	4,716.05	5,706.37	4.05
101-150 kWh/month	48,58,438	59,49,481	3,887.79	629.09	1,496.80	2,125.89	5.47
151-300 kWh/month	21,34,826	43,13,480	3,696.93	456.09	1,848.46	2,304.55	6.23
301-500 kWh/month	11,90,998	16,38,149	1,469.73	173.10	808.35	981.45	6.68
Above 500 kWh/Month (starting from 501 unit)	1,27,215	5,58,649	357.86	58.97	214.72	273.69	7.65
Dom: Supply at Single Point for Bulk Load (Sub-Total)	10,356	2,29,012	1,166.40	30.19	816.48	846.67	7.26
Other Metered Domestic Consumers other than BPL (Sub-Total)	82,91,882	1,72,87,551	19,970.52	2,231.57	11,698.11	13,929.68	6.98
0-150 kWh/month	51,25,063	91,94,914	11,728.98	1,186.98	6,450.94	7,637.92	6.51
151-300 kWh/month	15,36,052	35,56,822	3,971.58	459.14	2,382.95	2,842.09	7.16
301-500 kWh/month	9,89,219	27,10,066	2,495.00	349.83	1,621.75	1,971.58	7.90

23,490.08

7.54

-50.46%

-35.68%

-46.24%

-27.48%

-17.33%

-11.44%

1.43%

-3.73%

-7.49%

13.63%

-5.09%

4.80%

निदेशक (वाणिज्य)
केसवगं, कानपुर

Consumer Category	Fixed Charges(as approved in Tariff order)	Energy Charges(as approved in Tariff order)	Subsidy/unit as per GoUP directions	Total Subsidy	Subsidy from Rural unmetered allocated to Rural Metered under LMV-5	Approved Sales for FY 2021-22	Revised Subsidy/unit as per Tariff order data (dated 29.07.2021)	Fixed Charges (Without Govt. Subsidy)	Energy Charges (Without Govt. Subsidy)
LMV-1 Domestic Light, Fan & Power									
UOM	Rs./kW/month	Rs./kWh		Rs. Cr	Rs. Cr	Mus	Rs./kWh	Rs./kW/month	Rs./kWh
Life Line Consumer	50	3.00	Rs.3.25/kWh	483		1533.47	3.15	Rs. 50.00 / kW/ month	6.15
Rural Unmetered	500	nil	Rs. 365 / kW / month	743	0		moved to metered consumers		nil
Rural Metered									
0-100 Unit		3.35	Rs. 2.45/kW	3448	606.21	14077.77	2.88	Rs 90.00/ kW / month	6.23
101-150 Unit	90	3.85	Rs. 2.00/kW	778	136.79	3887.79	2.35		6.20
LMV- 5 Rural Schedule only									
	Rs./BHP/month	Rs./kWh	Rs./ BHP/month	Rs. Cr	Rs. Cr	Mus	Rs./kWh	Rs./BHP/month	Rs./kWh
Consumer getting supply as per Rural Schedule (unmetered)	170	nil	490.00	6198		14,006.06	0.00	660	nil
Consumer getting supply as per Rural Schedule (metered)	160	2.00					0.00	650	2.00
Total Subsidy				11,650					

51.22%

46.23%
37.93%

74.24%

75.38%

निदेशक (वाणिज्य)
केरको, काठमाडौं

DATE OF BIRTH: 08/07/1961
SEX: M
RACE: W
ETHNICITY: N
RELIGION: C
MARRIAGE STATUS: S

[illegible][illegible]

44,45,46,47

[illegible][illegible]

ARMED	2	0.00
EXISTS (HOLD) ARMED	2	0.00
NOT ARMED	2	0.00
INVESTING (GOVERN)	2	0.00
GOVERNMENT (GOVERN)	2	0.00
NOT IN SECURITY	2	0.00
ARMED WITH A WEAPON	2	0.00

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The date of last payment 27 Sep 2021

[illegible]

Figure 2 Haryana

निदेशक (वाणिज्य)
केस्वरो, कानपुर



BSES Rajdhani Power Limited

EBILL Customer

Bill of Supply for Electricity

Due Date (देय तिथि):
14-11-2019

Name: [Redacted]
Address: [Redacted]
Meter No.: [Redacted]
Sanctioned Load: 3.00 (kW)
Contract Demand: [Redacted]
MDI: 3.40 (kW)
Power Factor: 0.991
Pole No.: [Redacted]
Meter Reading Status: DL
Cycle No.: 12
Tariff Category: Domestic (Residential)

CA No.: [Redacted]
Energisation Date: 04-08-2011
Meter Type: 1PSK
Supply Type: LT
Bill No.: [Redacted]
Bill Basis: Actual
O.D. No.: [Redacted]
CCTV Tagged: No

Customer Care Centre No. (ग्रह सेवा केंद्र संख्या) 39 99 97 07

Meter No. (मीटर नं.)	Unit (यूनिट)	Billed Consumption (Current)		Billed Consumption (Previous)		Multiplication Factor		
		Date of Meter Reading (मिटर रीडिंग की तिथि)	Reading (रीडिंग)	Date of Meter Reading (मिटर रीडिंग की तिथि)	Reading (रीडिंग)	Factor (फैक्टर)	Days (दिन)	Units (यूनिट्स)
[Redacted]	kWh	24-10-2019	3255.00	21-09-2019	3045.00	1.00	30	210.00
[Redacted]	kW	24-10-2019	3.40	21-09-2019		1.00		3.40
[Redacted]	kVAh	24-10-2019	3252.00	21-09-2019	3070.00	1.00	30	212.00
[Redacted]	kVA	24-10-2019	3.40	21-09-2019		1.00		3.40

Billing Details (बिलिंग विवरण)

Current Period Charges (वर्तमान अवधि का शुल्क) (01.10.2019 to 24.10.2019)

Read Charges (मीटर शुल्क)	Consumption Measured During (पढ़ाई की अवधि)	Energy Units Consumed (यूनिट्स) Billed (बिलिंग के लिए)	Subsidy Energy Charge (सब्सिडी शुल्क)	Subsidy Power Charge (सब्सिडी शक्ति शुल्क)	Tree of Day (TOD) Charge (दिन के वृक्ष शुल्क)	Peak Load Charge (पिक लोड शुल्क)	Other Charges (अन्य शुल्क)	Total Amount (कुल राशि)
10.00	15.00	3.00	555.00	7.50	5.12			577.62
11.00								
12.00								
13.00								
14.00								
15.00								
16.00								
17.00								
18.00								
19.00								
20.00								
21.00								
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94.00								
95.00								
96.00								
97.00								
98.00								
99.00								
100.00								

Arrears / Refunds / Subsidy (अग्रिम / वापस / सब्सिडी)	Late Payment Surcharge (LPSC) (देर से भुगतान पर सurcharge)	Other Charges, If any (अन्य शुल्क, यदि कोई हो)	Total Charges Payable (कुल देय शुल्क)	Rebate / Subsidy (रिबेट / सब्सिडी)	Net Amount Payable (कुल देय राशि)
			1.92	981.29	1779.35

Amount not immediately payable, if any. (कुल देय राशि तुरंत नहीं देनी है, यदि कोई हो)	Reasons (कारण)
Service line cost Development Charges paid (सर्विस लाइन विकास शुल्क का भुगतान)	₹ 3000.00
Security Deposit with BSCOM (सुरक्षा जमाना BSCOM के साथ)	₹ 2100.00
Interest accrued for FY 2018-19, already adjusted in bill No. (वर्ष 2018-19 का ब्याज, बिल नं. में पहले ही शामिल किया गया)	₹ (124.93)
Interest for FY 2019-20 will be adjusted in your first bill to be generated in FY 2020-21. (वर्ष 2019-20 का ब्याज आपके पहले बिल में समायोजित किया जाएगा, जो FY 2020-21 में जनरेट होगा)	

Bill Amount Payable (बिल देय राशि)
₹ 210.00
Due Date of Payment (भुगतान देय तिथि) 14-11-2019
प्रत्येक मासिक बिल के लिए एक ही दिनांक पर भुगतान करना है, LPSC

Figure 3 Delhi

निदेशक (वाणिज्य)
केस्को, कानपुर

7712 09/06/21 01	
7712 09/06/21 01	
210	210
1.76	30.00
	31.40
	50.90
	12.60
	10.00
	0.01
INSTALLMENT:	0.00
	0.00
	0.00
	0.01
	634.00
SUBSIDY	42.00
SLD	792.00
	0.00
	0.00
	0.00
	792.00
	23-07-21
DISC DT	07-08-21
	900
	0.00
	0.00
	1509407
	PAPER
	90212103

निदेशक (वाणिज्य)
केसको, कानपुर

Figure 4 Andra Pradesh

Order on approval of Truing-up for FY 2019-20, APR of FY 2020-21 and ARR for FY2021-22 for NBP DCL & SBPDCL

13. Compliance of Directives

The Commission has reviewed the directives issued in its earlier Tariff Orders and noted that some of these directives have been complied and some are partially attended. Accordingly, the Commission has decided to issue directives that are fully or substantially complied with and has further directed the Discoms to comply the pending directives along with new ones added in the present Order. The Commission will monitor the compliance of the directives quarterly.

14. General

The Commission has been determining the Retail Tariff without considering the Government subsidy from FY 2017-18 onwards. Accordingly the Commission has approved the retail tariff for FY 2020-21 also without considering Government subsidy.

The Government of Bihar has been announcing direct subsidy to consumers. If the State Government announces any direct subsidy to any category of consumers after the pronouncement of retail tariff for FY 2020-21 by the Commission, the DISCOMs shall immediately bring the same to the notice of the Commission intimating the tariff rates at which the DISCOMs proposes to bill the energy charges for such category of consumers and also ensure adequate publicity of the same. Further, the details such as the energy charges as per the tariff rates, reduction of energy charges due to government subsidy and net energy charges to be paid by the consumers shall be clearly exhibited in the electricity bill to be served to the consumers.

The Discoms shall ensure implementation of the order from the effective date after issuance of a Public Notice, within a week in at least two daily newspapers having wide circulation in the various parts of State in such a font which is clearly visible and compliance of the same shall be submitted to the Commission by the Discoms.

This Order shall be effective from 1 April 2021 and shall remain in force till 31 March 2022 or till the next Tariff Order of the Commission.

This order will be placed on the website of the Commission and copies will be sent to BGCL, BSPHCL, BSPTCL, NBP DCL, SBPDCL, Department of Energy of Government of Bihar, Central Electricity Regulatory Commission and Central Electricity Authority.

Pronounced in the open Court on the day of 26 March 2021.

Sd/-
(Shri S.C. Chaurasia)
Member

Sd/-
(R.K. Choudhary)
Member

निदेशक (अधिष्ठाता)
केस्कॉ, कागपुर
Sd/-
(Shishir Sinha)
Chairman

1. Introduction

1.1. Bihar Electricity Regulatory Commission (BERC)

- 1.1.1. The Bihar Electricity Regulatory Commission (hereinafter referred to as "Commission" or "BERC") was constituted by the Government of Bihar under Section 17 of the Electricity Regulatory Commission Act, 1998 vide Government of Bihar notification No.1284 dated 15th April 2002.
- 1.1.2. The Electricity Regulatory Commission Act, 1998 along with Indian Electricity Act, 1910 and Electricity (Supply) Act, 1948 was repealed by Section 185 (1) of the Electricity Act, 2003 (hereinafter referred to as the "Act"). The first proviso of Section 82(1) has ensured continuity of the Bihar Electricity Regulatory Commission by laying down that the State Electricity Regulatory Commission established by the State Government under Section 17 of Electricity Regulatory Commission Act, 1998 and functioning as such, immediately before the appointed date, shall be the State Electricity Regulatory Commission for the purpose of the Act.

Function of BERC:

- 1.1.3. As per Section 86 of the Electricity Act 2003, the State Commission shall discharge the following functions, namely:
- (i) Determine the tariff for generation, supply, transmission and wheeling of electricity, wholesale, bulk or retail, as the case may be, within the State. Provided that where open access has been permitted to a category of consumers under section 42, the State Commission shall determine only the wheeling charges and surcharge thereon, if any, for the said category of consumers;
 - (ii) Regulate electricity purchase and procurement process of distribution licensees including the price at which electricity shall be procured from the generating companies or licensees or from other sources through agreements for purchase of power for distribution and supply within the State;
 - (iii) Facilitate intra-state transmission and wheeling of electricity;
 - (iv) Issue licenses to persons seeking to act as transmission licensees, distribution licensees and electricity traders with respect to their operations within the State;
 - (v) Promote co-generation and generation of electricity from renewable sources of energy by providing suitable measures for connectivity with the grid and sale of electricity to any person, and also specify, for purchase of electricity from such sources, a percentage of the total consumption of electricity in the area of a distribution licensee;
 - (vi) Adjudicate upon the disputes between the licensees, and generating companies and

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to refer any dispute for arbitration;

- (vii) Levy fee for the purposes of this Act;
- (viii) Specify State Grid Code consistent with the Indian Electricity Grid Code specified with regard to grid standards;
- (ix) Specify or enforce standards with respect to quality, continuity and reliability of service by licensees;
- (x) Fix the trading margin in the intra-state trading of electricity, if considered, necessary; and
- (xi) Discharge such other functions as may be assigned to it under this Act.

1.2. Brief history and Profile of DISCOMs

- 1.2.1. Bihar State Electricity Board ("Board" or "BSEB") originally constituted on 1 st April 1958 under Section 5 of the Electricity (Supply) Act, 1948 and was engaged in the management of electricity generation, transmission, distribution and related activities in the State of Bihar.
- 1.2.2. Under the new 'Bihar State Electricity Reforms Transfer Scheme 2012', the BSEB has been unbundled, with effect from 1 November, 2012. The Generation, Transmission and Distribution businesses of the Bihar State Electricity Board were transferred to five successor companies. The five successor companies are listed below:
 - (a) Bihar State Power (Holding) Company Limited (BSPHCL),
 - (b) Bihar State Power Transmission Company Limited (BSPTCL),
 - (c) Bihar State Power Generation Company Limited (BSPGCL),
 - (d) South Bihar Power Distribution Company Limited (SBPDCL),
 - (e) North Bihar Power Distribution Company (NBPDCCL) The South Bihar Power Distribution Company Limited and North Bihar Power Distribution Company Limited (SBPDCL and NBPDCCL) are companies registered under the provision of Companies Act 1956 and are subsidiary companies of Bihar State Power Holding Company Limited (BSPHCL).
- 1.2.3. The Discoms/South Bihar Power Distribution Company Limited and North Bihar Power Distribution Company Limited (SBPDCL and NBPDCCL) are companies registered under the provision of Companies Act 1956 and are subsidiary companies of Bihar State Power Holding Company Limited (BSPHCL)
- 1.2.4. Discoms have the universal obligation to supply electricity to all the consumers of the State. The table below presents status of key data relating to power supply by the Discoms in Bihar as on 31 March, 2019.

CHAPTER - X

RETAIL SUPPLY TARIFF SCHEDULE

Communication to Government of Andhra Pradesh

191. The Commission has informed the Government of Andhra Pradesh (GoAP) on 10-03-2021 with regard to requirement of external subsidy of Rs.7433.80 Cr (APSPDCL - Rs. 3680.20 Cr., APEPDCL - 2258.10 Cr. and APCPDCL - Rs.1495.50 Cr.) for FY2021-22 towards subsidy to "Category I (A): Domestic - LT (APEPDCL)" and "Category V: Agriculture - LT" for all the three licensces, to maintain the rates as mentioned in the "Reference Tariff Schedule (RTS) for FY2021-22" with all relevant calculations including the details of "Full Cost Recovery Tariff Schedule for FY2021-22."

Provision of Subsidy by Government of Andhra Pradesh

192. In response to the Commission's letter dated 10.03.2021, the GoAP vide its letter No. ENE01-APCC/1/2021, Dated: 13-03-2021, inter alia has requested the breakup of subsidy amounts determined by the Commission with respect to the following Government Orders:

- (i) G.O.Ms.No.17, dated 15.02.2019 - Nine hours free power to LT Agricultural consumers (Annexure - 13)
- (ii) G.O.Rt.No.39 dated 14.03.2018 - Free power to Rural Horticulture Nurseries (Annexure -14).
- (iii) G.O.Rt.No.75 dated 27.06.2019 - Free power to Dhobighats (Annexure -15).
- (iv) G.O.Rt.No.70 dated 2.07.2019 - tariff concession to the Aquaculture farmers (Annexure-16),
- (v) G.O.Ms.No.91 dated 24.07.2019 - free power up to 200 units per month under Jagjeevan Jyothi Scheme to the eligible Scheduled Caste households (Annexure-17),
- (vi) G.O.Rt.No.24 dated 15.02.2019 - free power (certain units/month) to laundries run by BPL Rajaka community, hair cutting saloons of BPL Nayee Brahmin, shops of BPL Gold Smiths and BPL MBC households (Annexure-18),
- (vii) G.O.Rt.No.128, dt. 29.11.2019 - tariff concession to rolled gold covering industry in Machilipatnam (Annexure-19),
- (viii) G.O. Rt.No.291 dated 25.09.2018 - free power up to 100 units per month to handloom weavers (Annexure-20).
- (ix) G.O.Ms. No.94, dated: 25-07-2019 - Free power up to 200 units per month to ST households ST colonies / Thandas (Annexure-21)

193. In response to the Government letter dated 13-03-2021, the Commission vide its letter dated 15-03-2021, has communicated that while arriving at subsidy requirement, Rs.7433.80 Cr. from the State Government under Section 65 of the Electricity Act, 2003,

the benefits extended under the Government Orders vide serial nos. (i) to (iii) above only have been factored in. That in order to extend the benefits to various class of consumers under Government Orders vide serial no. (iv) to (ix) under Section 65, the additional subsidy requirement of Rs.1657.56 Cr. (APSPDCL - Rs.482.44 Cr., APEPDCL - 690.69 Cr. and APCPDCL - Rs.484.44 Cr.) was estimated by the Commission based on information furnished by the DISCOMs.

194. In response to the Commission's letter dated: 15-03-2021, the Government of Andhra Pradesh has communicated vide letter No. ENE01-APCC/1/2021, Dated: 16-03-2021 (Annexure-12), that it undertakes to provide subsidy amounts as determined by the Commission. At the request of the Government all the subsidy components are being brought under Section 65 of Electricity Act, 2003. Out of the total subsidy amount of Rs.9091.36 Cr. agreed to be provided by the State Government, the APSPDCL shall get Rs.4162.64 Cr., the APEPDCL shall get Rs.2948.79 Cr. and the APCPDCL shall get Rs.1979.94 Cr. However, the additional subsidy Rs.1657.56 Cr. (APSPDCL - Rs.482.44 Cr., APEPDCL - 690.69 Cr. and APCPDCL - Rs.484.44 Cr.) estimated by the Commission is subject to true-up / true-down based on the actuals at the end of the FY 2021-22. The DISCOMs shall extend the benefits promised by the State Government vide its orders [serial nos. (iv) to (ix)] mentioned in paragraph supra to various class of consumers as per their eligibility in addition to the subsidy being provided to categories mentioned in serial no. (i) to (iii).
195. The Commission, in accordance with the decisions enumerated in earlier chapters and as per the approval of GoAP for providing subsidy, hereby determines the Tariff for Retail Sale of Electricity with the terms and conditions applicable with effect from 01-04-2021 to 31-03-2022 in respect of the three distribution licensees (APSPDCL, APCPDCL & APEPDCL including the areas of three RESCOs which are directed to be taken over by the respective DISCOMs) in the State of Andhra Pradesh, as under:

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Table 75: TARIFF FOR RETAIL SALE OF ELECTRICITY DURING FY2021-22
 (Applicable with effect from 01.04.2021 to 31.03.2022 in respect of three distribution licensees, APSPDCL, APEPDCL and APCPDCL in the State of Andhra Pradesh)

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 & above
I	DOMESTIC							
	(A) : Domestic (Telescopic)							
	Group A :							
	0-50	10	1.45	kWh	-	-	-	-
	51-75	10	2.60	kWh	-	-	-	-
	0-50	10	2.60	kWh	-	-	-	-
	51-100	10	2.60	kWh	-	-	-	-
	101-200	10	3.60	kWh	-	-	-	-
	201-225	10	6.90	kWh	-	-	-	-
	Group C: Consumption > 225 units during the billing month							
	0-50	10	2.65	kWh	-	-	-	-
	51-100	10	3.35	kWh	-	-	-	-
	101-200	10	5.40	kWh	-	-	-	-
	201-300	10	7.10	kWh	-	-	-	-
	301-400	10	7.95	kWh	-	-	-	-
	401-500	10	8.50	kWh	-	-	-	-
	Above 500 units	10	9.95	kWh	-	-	-	-
	Consumers whose consumption is more than 500 units per month can opt for smart meters and ToD rebate of Rs.1 per unit is applicable for such consumers for the consumption between 10 AM to 12 Noon.							
(B) : Townships, Colonies, Gated Communities, and Villas		-	kVAh	75	7.00	7.00	7.00	
II	COMMERCIAL & OTHERS							
	(A) : Commercial							
	(i) Minor 0-50 Units	55/kW	5.40	kWh/kVAh	-	-	-	-
	(ii) Major							
	0-50	75/kW	6.90	kWh/kVAh	475	7.65	6.95	6.70
	51-100		7.65	kWh/kVAh				
	101-300		9.05	kWh/kVAh				
	301-500		9.60	kWh/kVAh				
	Above 500 units		10.15	kWh/kVAh				
	Time of Day tariff (TOD)-	-	-	kWh/kVAh	-	8.65	7.95	7.70

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 & above
	Peak (6 PM to 10 PM)							
	(iii) Advertising Hoardings	100/kW	12.25	kWh/kVAh	-	-	-	
	(iv) Function halls / Auditoriums		12.25	kWh/kVAh	-	12.25	12.25	
	(B) : Startup power	-	12.25	kWh/kVAh	-	12.25	12.25	
	(C) : Electric Vehicles / Charging Stations	-	6.70	kWh/kVAh	-	6.70	6.70	
	(D) : Green Power	-	12.25	kWh/kVAh	-	12.25	12.25	
III	INDUSTRY							
	(A) : Industry (General)#	75/kW	6.70	kWh/kVAh	475	6.30	5.85	5.40
	Time of Day tariff (TOD)- Peak (6 AM to 10 AM & 6 PM to 10 PM)	-	-			7.30	6.85	6.40
	Time of Day tariff (TOD) - Off Peak (10 PM to 6 AM)	-	-			5.30	4.85	4.40
	Industrial Colonies	-	-	kWh/kVAh	-	7.00	7.00	7.00
	(B) : Seasonal Industries (off- season)	75/kW	7.45	kWh/kVAh	475	7.65	6.95	6.70
	(C) : Energy Intensive Industries	-	-	kWh/kVAh	-	5.80	5.35	4.95
	(D) : Cottage Industries up to 10HP *	20/kW	3.75	kWh	-	-	-	-
	# - Rice mills and Pulverising units are permitted up to 150 HP in LT and as per the tariff mentioned in the terms and conditions. * - Dhobighats shall be extended free power supply as per G.O.Rt.No.75, dt. 27-06-2018							
IV	INSTITUTIONAL							
	(A) : Utilities(Street Lighting, NTR Sujala Pathakam, CPWS and PWS)	75/kW	7.00	kWh	475	7.65	6.95	6.70
	(B) : General Purpose	75/kW	7.00	kWh/kVAh	475	7.95	7.25	7.00
	(C) : Religious Places							
		30/kW	4.80	kWh	-	-	-	-
	(ii) > 2 kW	30/kW	5.00	kWh/kVAh	30	5.00	5.00	5.00
	(D) : Railway Traction	-	-	kVAh	350	5.50	5.50	5.50

CHAPTER 9

DISTRIBUTION & RETAIL SUPPLY TARIFF

- 9.1 The Discoms / Distribution Licensees (UHBVNL and DHBVNL) have projected a combined revenue gap of Rs. 3041.32 Crore for the FY 2021-22 after considering A.P. Subsidy of Rs. 6649.93 Crore and Domestic and other subsidy of Rs. 1181.88 Crore. The Discoms have proposed that they may be allowed to continue with the current levels of Tariff and Charges.

The Commission observes that despite projecting a revenue gap at the existing tariff, the Licensees have not proposed any methodology to bridge the said gap vis-à-vis the projected revenue requirement and revenue expected to be available at the current tariff and charges. Further, the Licensees have also not submitted any calculation of the cost of delivered energy to different consumer categories, which is a building block for rationalisation of tariff and charges as well as the tariff design.

Additionally, it is observed that the Commission, vide its Memo No. 5012/HERC/Tariff/SV/2021/337 dated 25.02.2021, sought commitment of the State Government through ACS / Power for payment of subsidy, if any, as per the provisions of Section 65 of the Electricity Act, 2003. The operating part of the said letter is re-produced below: -

"Section 65 of the Electricity Act, 2003 provides that "if the State Government requires the grant of subsidy to any consumer or class of consumers in the tariff determined by the State Commission under section 62, the State Government shall, notwithstanding any direction which may be given under section 108, pay in advance and in such manner as may be specified, the amount to compensate the person affected by the grant of subsidy in the manner the State Commission may direct"

As per the information provided by the Distribution Licensee(s) It has been observed that vis-à-vis the subsidy quantified by the Commission for the FY 2020-21 there is a shortfall of Rs. 2498.27 Crore (AP & DS) in release of subsidy by the State Government in the first three quarters. This has led to additional working capital borrowings by the Discoms of Rs. 1250 Crore. Since the HERC Regulations in vogue do not permit additional working capital borrowings and interest cost thereto, such additional expenditure would only add to the financial losses of the Discoms and inhibit the very objective of UDAY implemented in Haryana. Needless to point out that non-release / delayed release of subsidy, as quantified by the Commission, is also in violation of Section 65 of the Electricity Act, 2003.

The Discoms have reported that they have taken-up the matter for release of un-paid subsidy for the FY 2020-21, however, the matter, so far, has not been resolved.

In view of the above the Commission would request that the un-paid subsidy along with accrued interest @ interest rate on working capital borrowings of the Discoms may be released at the earliest.

Additionally, the Commission is in an advance stage of finalizing the ARR / Tariff Order(s) of the Discoms for the ensuing financial year i.e. FY 2021-22. Hence, the State Government may like to intimate in-principle commitment to provide subsidy on the tariff as determined u/s 62 of the Act to AP Tube-well consumers and DS Consumers (up to 500 Units / month) as per past practice or to any other consumer category for that matter".

However, neither the Discoms nor the State Government has intimated the Commission regarding commitment of the State Govt. on the issue of subsidy. Nonetheless, the Commission observes that in the FY 2021-22 budget of the State Government a provision of Rs. 5600 Crore has been made towards RE subsidy and Rs. 460 Crore towards subsidy for subsidized tariff to the Domestic Consumers.

Hence, in view of the past practice, the Commission has considered the aforesaid budgetary provisions while reckoning with the tariff for the A.P. Tube-well consumers and DS consumers in addition to already adjusted approved ROE of HPGCL, HVPNL and the Discoms. Additionally, the Commission has also approved subsidised tariff for the Gaushalas as under:

" The XEN / RA UHBVN, vide Memo No. Ch-67/RA/F-25/Vol – (78) dated 02.03.2021 has intimated as under: -

i. That the State Govt. has decided to grant subsidised electricity supply to Gaushala in Haryana @ Rs. 2.0 / kWh.

ii. The subsidy will be provided directly to the Discoms as envisaged u/s 65 of the Electricity Act, 2003.

iii. Subject to the following conditions:

- Gaushalas should be registered.

- Subsidy will be provided on actual consumption based on meter readings.

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केस्को, का. It has been submitted that the proposed concessional / subsidized tariff will be revenue neutral as the revenue loss will be compensated by way of subsidy.

v. Section 65 of the Electricity Act, 2003 provides that "if the State Government requires the grant of subsidy to any consumer or class of consumers in the tariff determined by the State Commission under section 62, the State Government shall, notwithstanding any direction which may be given under section 108, pay in advance and in such manner as may be specified, the amount to compensate the person affected by the grant of subsidy in the manner the State Commission may direct

The Commission has considered the proposal including Memo No. 2/15/2018-1 Power dated 23.02.2021 from the Additional Chief Secretary to Govt. Haryana and approves the same subject to payment of subsidy as quantified by the Commission".

In view of the above, the tariff for the eligible Gaushalas shall be Rs. 2.0 / kWh subject to payment of subsidy by the State Government. The Discoms are directed to provide the number of such Gaushalas in their licensed area including their connected load and energy consumption as well as revenue realised in the FY 2020-21 and estimated revenue loss before subsidy.

9.2 The Commission, after the aforesaid preliminary observations has proceeded to examine the current tariff structure in view of the revenue requirement and revenue available at the current tariff, in order to rationalise the same wherever considered necessary.

9.3 Tariff Approach

The primary objectives of the Electricity Act, 2003 includes that the generation, distribution and supply of electricity are conducted on commercial principles as well as safeguarding of consumers interest and at the same time, recovery of the cost of electricity in a reasonable manner. Hence, the Commission has to strike a fine balance between the Distribution Licensee(s) as well as the electricity consumers so that quality power is delivered at a reasonable cost. The Commission, while rationalising the consumer category wise tariff, has kept in mind the principles of tariff determination as per Sections 61 and Section 62 of the EA, 2003, the Tariff Policy, 2016 including the limits of Cross – Subsidy surcharge and the MYT Regulations in vogue, and also taken into consideration objections filed by the stakeholders including feedback from the electricity consumers special NDS (HT) and HT Industrial Consumers w.r.t harassments faced by them.

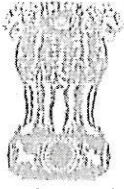
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The Commission is conscious of the fact that the Discoms have not proposed any change in the rates or in the tariff design per.se. However, as also upheld by the Hon'ble APTEL that the Commission has the power to design the tariff as per its own wisdom and the Commission need not, before issuing the actual order, publicly announce the tariff it proposed and call for public comments. (Cf. Appeal No. 106 of 2008). Hence, the Commission has simplified the tariff structure as well as introduced new tariff structure for Electricity Vehicle Charging Station, Electric Crematorium / burial grounds as well as Advocate's Chamber in the Court premises and Bulk Supply (Domestic) Tariff. Further, the Commission feels that progressively the tariff / billing ought to be based on kVA / kVAh instead of kW / kWh wherever feasible. The Discoms are directed to examine the feasibility of introducing kVA / kVAh based billing for such consumer category where kW/kWh-based billing exists as per the schedule of tariff approved by the Commission. Additionally, the Commission is of the considered view that the MMC is redundant as well as counterproductive. Hence, MMC ought to be replaced by an appropriate demand charge. It has also been brought to the notice of the Commission that instead of applying the charges determined by the Commission in terms of Rs. / kW or kVA per month the same is being interpreted in terms of 30 days, whereas different months may have different number of days. It is also observed that in the present schedule of tariff there are large number of consumer categories / sub-categories, the Commission intends to reduce the categories and hence the need to identify categories / sub-categories that can be merged without significantly disturbing the revenue balance. **The Discoms shall examine the aforesaid issues and submit a report to the Commission within three months of the present Order.**

9.4 Domestic Supply Tariff (DS)

As per the existing schedule of tariff there are three sub- categories comprising of seven slab rates. The Commission intends to simplify the tariff design by merging the slabs without disturbing the average revenue realisation from the DS consumers.

Accordingly, the first category (category I) shall remain un-changed comprising mostly of small DS consumers. Category II & III shall be merged and the applicable Energy Charges shall be re-aligned while MMC shall remain un-changed i.e. at the existing levels. Provided that the benefit of telescopic tariff shall be available up to the consumption of 800 Units / month. It is clarified that for consumption of 801 Units and above / month, the entire consumption shall be billed at a flat rate of Rs. 7.10 / Unit.

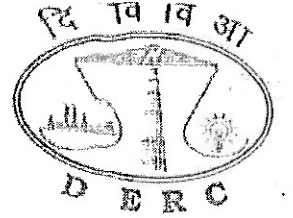


सत्यमेव जयते

दिल्ली विद्युत नियामक आयोग
Delhi Electricity Regulatory Commission

विनियामक भवन, सी-ब्लॉक, शिवालिक,
मालवीय नगर, नई दिल्ली-110017

Viniyamak Bhawan, C-Block, Shivalik,
Malviya Nagar, New Delhi-110017



F.3(604)/Tariff-Engg./DERC/2019-20/6731/1028

Dated: 19/10/2020

To

Secretary (Power)
Govt. of NCT of Delhi
Department of Power
Delhi Secretariat
New Delhi - 110002

Sub: Statutory Advice under Section 86(2) of Electricity Act, 2003

Madam,

The Statutory Advice, as approved by the Commission, relating to applicability of Electricity Subsidy by GoNCT of Delhi to poorer and needy categories of consumers in line with various provisions of Electricity Act, 2003 and Tariff Policy 2016 is enclosed for necessary action.

Encl: As stated.

Yours faithfully

(Mukesh Wadhwa)
Secretary

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"WEAR FACE MASK"

"WASH HANDS REGULARLY"

"MAINTAIN SOCIAL DISTANCING"

**STATUTORY ADVICE UNDER SECTION 86(2) OF
ELECTRICITY ACT, 2003**

1. During Prudence check sessions held in the office of the Commission for Tariff Order of FY 2020-21, the Commission, based on the information provided by Distribution Licensees, observed that Subsidy is also being availed by the High End Consumers. GoNCTD has disbursed an amount of Rs. 2414.03 Cr. in the form of Subsidy to Domestic Consumers for FY 2019-20. Sanctioned load wise details of Domestic Consumers along with the subsidy provided was sought from the DISCOMs for FY 2019-20 which is analyzed further and summarized as follows:

Table 1: Subsidy by BRPL Domestic Consumers

Sanctioned Load (kW)	Total Yearly Consumption (MU)	Billed Amount (Rs. Cr.)	Subsidy Disbursed (Rs. Cr.)
1 - 3	5169.46	2953.06	930.85
4 - 5	908.84	742.97	62.31
6 - 10	1254.91	1161.52	68.49
11 - 20	1258.12	1431.01	30.52
21 - 30	335.55	438.84	1.63
>30	3567.81	4059.67	15.85
Total Subsidy (A)			1109.65
Subsidy 1-3 kW (I)			930.85
Subsidy upto 5 kW (i)			993.16

Table 2: Subsidy by BYPL Domestic Consumers

Sanctioned Load (kW)	Total Yearly Consumption (MU)	Billed Amount (Rs. Cr.)	Subsidy Disbursed (Rs. Cr.)
1 - 3	3380.64	2041.77	585.95
4 - 5	543.37	529.17	26.64
6 - 10	653.93	652.84	33.14
11 - 20	449.88	555.91	9.64
21 - 30	148.95	195.74	0.16
>30	1470.71	1670.70	1.54
Total Subsidy (B)			657.07
Subsidy 1-3 kW (II)			585.95
Subsidy upto 5 kW (ii)			612.59

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Table 3: Subsidy by TPDDL Domestic Consumers

Sanctioned Load (kW)	Total Yearly Consumption (MU)	Billed Amount (Rs. Cr.)	Subsidy Disbursed (Rs. Cr.)
1 - 3	3341.36	1914.64	603.37
4 - 5	500.22	435.02	26.85
6 - 10	736.20	704.01	33.33
11 - 20	549.66	664.21	5.97
21 - 30	267.45	353.69	0.11
>30	3678.47	4260.95	0.05
Total Subsidy (C)			669.68
Subsidy 1-3 kW (III)			603.37
Subsidy upto 5 kW (iii)			630.22

2. Further, Domestic Consumers upto 3 kW and 5 kW availing Subsidy has been analyzed as follows:

Table 4: Domestic Consumers upto 3 kW and 5 kW availing Subsidy (Approx. in Lakhs)

DISCOMs	Subsidized Consumers	Subsidized Consumers upto 3 kW sanctioned Load	Subsidized Consumers upto 5 kW sanctioned Load
A	B	C	D
BRPL	17.66	15.96	16.72
BYPL	10.82	10.07	10.40
TPDDL	14.24	12.95	13.56
Total	42.72	38.98	40.68
Percentage of C:B		91%	
Percentage of D:B			95%

3. The Tariff Policy, 2016 states that the Subsidy to be provided to poorer and needy categories of consumers only. Relevant section of Tariff Policy, 2016 are as follows:

" 8.3 Tariff design: Linkage of tariffs to cost of service

.....

The State Governments can give subsidy to the extent they consider appropriate as per the provisions of section 65 of the Act.

Direct subsidy is a better way to support the poorer categories of consumers than the mechanism of crosssubsidizing the tariff across the board. Subsidies should be

targeted effectively and in transparent manner. As a substitute of cross subsidies, the State Government has the option of raising resources through mechanism of electricity duty and giving direct subsidies to only needy consumers. This is a better way of targeting subsidies effectively.

4. As concluded from the above provisions of Tariff Policy that Subsidy is to be extended to the poorer and needy categories of consumers rather than presently extended to the entire consumers of Domestic Categories irrespective of their Sanctioned Load.
5. Considering the essential home appliances, the Sanctioned Load along with units consumed in a month tentatively works out as follows:

Table 5: Sanctioned Load and Tentative Monthly Units

Sr. No.	Appliances	Qty. (Nos.)	Load (Watt)	Hours Usage	Units
1	Led Bulb	4	20	10	24
2	Tube Lights	3	40	6	22
3	Fans	4	50	20	120
4	Electric Iron	1	500	0.5	8
5	Refrigerator (4* rating) - as per catalogue)	1	80	24	58
6	Window Air Conditioner (1 Ton)	1	1100	4	132
7	Desert Cooler (medium)	1	200	4	24
8	Washing Machine	1	300	0.5	5
9	Television	1	150	5	23
10	Mixer-cum-grinder	1	200	0.5	3
11	Pump Motor	1	500	0.5	8
Total			3140		424
Sanctioned Load (kW)			3.14		

**In winters, Window AC and Desert Cooler will be replaced by Geyser and Room Heater.*

#Source: (Dakshin Haryana Bijli Vitran Nigan (DHBVN) electricity consumption calculator)

Recommendations:

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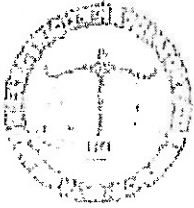
6. In view of above, it is proposed that Subsidy may be extended upto Sanctioned Load of 3 kW or 5 kW, as these Domestic Consumers are mainly under the poorer and needy category. Further, Savings in Subsidy if ceiling is done upto 3 kW or 5 kW is of the following order:

Table 6: If Extended upto 3 kW or upto 5 kW

Particulars	Amount (Rs. Cr.)
Total Subsidy given to Domestic Consumers (A+B+C)	2436.40
Savings if limited upto 3 kW (A+B+C) - (I+II+III)	316.23
Savings if limited upto 5 kW (A+B+C) - (i+ii+iii)	200.43

7. If, Electricity Subsidy may be extended for consumers having Sanctioned Load upto 3 kW, then it will have the coverage of 91% of Total Subsidized Consumers (based on FY 2019-20 data) and it will result in approximately savings of Rs. 315 Crore of Subsidy amount per year.
8. Further, if Electricity Subsidy may be extended for consumers having Sanctioned Load upto 5 kW, then it will have the coverage of 95% of Total Subsidized Consumers (based on FY 2019-20 data) and it will result in approximately savings of Rs. 200 Crore of subsidy amount per year.
9. The savings in Subsidy may be utilised for funding the Pension Trust Liability and corresponding reduction of Pension Trust Surcharge may be passed on to all the Consumers of Delhi.

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TAMIL NADU ELECTRICITY REGULATORY COMMISSION

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PR. No. 2/2012

30-03-2012

Press Release

TANGEDCO and TANTRANSCO filed Tariff Petitions for Retail Tariff and Intra State Transmission Tariff respectively on 17th November 2011. The petitions were admitted a week later and public consultation process commenced thereafter. The Commission heard the stake holders in January / February 2012 at Chennai, Coimbatore, Trichy and Madurai. Required clarifications were obtained from TANGEDCO and TANTRANSCO for further processing the petitions. The Commission passed Tariff Orders in both the petitions on 30th March 2012. Salient features of the two orders are as follows:-

TANGEDCO Petition for Retail Tariff

- TANGEDCO had proposed 37% hike on an average requesting for additional revenue of Rs.9742/- crores. The tariff petition indicated the subsidy from the Government of Tamil Nadu. The Government of Tamil Nadu also confirmed the provision of subsidy vide its letter dated 4th February 2012. The subsidy indicated by the Government has been taken into account in the tariff schedule contained in the Order.
- The Commission's Order moderates the tariff for domestic consumers consuming less than 100 units bi-monthly and also moderates the tariff for LT industries. The moderation for LT industries is both in the fixed charge and energy charge.
- Tariff for petty shops consuming less than 100 units bi-monthly has also been reduced compared to the proposal.
- Monthly minimum charges have been abolished.

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- Extension of peak hours as sought by TANGEDCO has not been accepted.
- The Commission has not specified any bench mark power factor beyond which incentive was debated.
- Additional revenue to TANGEDCO on account of the tariff revision is Rs.7874/- crores. This works out to an average increase of 37% over the previous tariff. This tariff hike is after a period of almost 9 years in case of some category of consumers.
- Tariff setting for 2012-13 on a stand alone basis has been done keeping in view that TANGEDCO recovers its full costs.
- The TANGEDCO had proposed creation of Regulatory Asset to the tune of Rs.24,742/- crores. A reference was made to the Government by the Commission in this regard and the Government had clarified that the Government in principle agrees for amortization of Regulatory Asset subject to certain conditions. This issue will have to be revisited during the subsequent tariff orders.
- The Commission relied on the transfer scheme issued by the Government as the same is binding and carried forward the exercises with the transfer scheme as the starting point.
- Energy availability has been considered taking into account availability of power from the up coming power stations like Mettur TPS, North Chennai TPS, NTPC – TNEB JV, etc.
- Sales projection has been made based on historic data but the demand of industrial consumers may increase consequent to phased withdrawal of restrictions and control measures recently ordered by the Commission.
- While rationalizing the consumer categories definition of agricultural service connection has been amended to include incidental activities like Sericulture, Horticulture, Poultry Farming, etc using water available from agricultural pump sets.
- Agricultural consumption has been estimated in this Order based on sample data furnished by TANGEDCO.

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- Directions have also been issued to TANGEDCO and TANTRANSCO to submit capital investment plan and capitalization so that execution of various works are done in time.
- TANGEDCO and TANTRANSCO have been directed not to mix the Capital and Revenue accounts.
- TANGEDCO has been directed to carry out a study on line losses and furnish the same to the Commission by October / November 2012.
- The Tariff schedule which will be in force w.e.f 1-4-2012 is enclosed.

TANTRANSCO Petition for Intra State Transmission Tariff and other charges

- The Commission's order for TANTRANSCO determines annual transmission charges for use of Intra State Transmission system. The annual transmission charges are to be shared by TANGEDCO and other users of the system. Open access charges are also fixed in this Order.
- Scheduling Charges and reactive power charges are also specified.

Both these Orders will come into force with effect from 1-4-2012 and shall remain in force till 31-3-2013. Tariff petitions shall be filed by the utilities by November, 2012 for fixation of tariff for the financial year 2013 – 14.

The Commission hopes that with the issue of these Orders, with the commissioning of new projects and with the Government's in principle support for amortization of Regulatory Asset TANGEDCO and TANTRANSCO should turn around and provide better service to the electricity consumers of Tamil Nadu.

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(S. Gunasekaran), कानपुर
Secretary

1 TARIFF SCHEDULE

TARIFF FOR HIGH TENSION SUPPLY CONSUMERS

1.1 General Provisions applicable for High Tension Supply

1.1.1 **Categories of supply:** The categories of supply are as specified in the Commission's distribution code and supply code. The HT tariffs specified for different categories of HT consumers are also applicable to the consumers who are supplied at EHT level in accordance with TNERC Supply Code and TNERC Distribution Code.

1.1.2 **Harmonics:** As specified in the Supply Code, when the consumer fails to provide adequate harmonic suppression equipment to avoid dumping of harmonics beyond the limits as specified by CEA regulations into Licensee's distribution system, he is liable to pay compensation at 15% of the respective tariff. As and when the consumer brings down the harmonics within the limit, compensation charges shall be withdrawn. The measurement of harmonics shall be done by the Distribution Licensee using standard meters/equipments in the presence of consumers or their representatives. This compensation provision is applicable to HT-I & HT-III category of consumers. The TANGEDCO shall give three months clear notice to all consumers under these categories stating that they shall pay 15% compensation charges if the harmonics introduced by their load is not within the limits set by CEA. The TANGEDCO shall implement the compensation provision after the three months period if the measured harmonics is more than the limits.

1.1.3 In case of supply under HT Tariff, except for HT tariff-III, supply used for creating facilities for the compliance of Acts/Laws or for the purpose incidental to the main purpose of the establishment of the consumer such as facilities extended to the employees/students/patients as the case may be, within the premises of the consumer, shall be considered to be for the bonafide purpose. However, if such facilities are extended to the public, such facilities shall be metered by the licensee separately and charged under appropriate LT tariff. Such metered consumption shall be deducted from the total consumption registered in the main meter of the HT/EHT supply for billing.

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- 1.1.4 In the case of supply under HT Tariff IA, IIA, IIB and III, at the option of the consumer, the use of electricity for residential quarters, within the premises, shall be metered separately by the licensee and charged under LT Tariff IC. Such metered consumption shall be deducted from the total consumption registered in the main meter of the HT/EHT supply for billing.
- 1.1.5 In the case of HT supply under IA, IIA, IIB, III, the use of electricity for the construction purposes within the premises shall be metered separately by the licensee and charged under LT Tariff VI. Such metered consumption shall be deducted from the total consumption registered in the main meter of the HT/EHT supply for billing.
- 1.1.6 **Low Power Factor Surcharge:** In respect of High Tension service connections the average power factor of the consumers installation shall not be less than 0.90. Where the average power factor of High Tension service connection is less than the stipulated limit of 0.90 the following compensation charges will be levied.

Particulars	Dispensation for Power Factor Surcharge
Below 0.90 and up to 0.85	One per cent of the current consumption charges for every reduction of 0.01 in power factor from 0.90
Below 0.85 to 0.75	One and half per cent of the current consumption charges for every reduction of 0.01 in power factor from 0.90
Below 0.75	Two per cent of the current consumption charges for every reduction of 0.01 in power factor from 0.90

- 1.1.7 **Billable Demand:** In case of HT Consumers, maximum Demand Charges for any month will be levied on the kVA demand actually recorded in that month or 90% of the sanctioned demand whichever ever is higher.

Provided, that whenever the restriction and control measures are in force, the billable demand in case of two part tariff for any month will be the actual recorded maximum

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demand or 90% of demand quota, as fixed from time to time through restriction and control measures, whichever is higher.

1.2 High Tension Tariff I A:

Tariff category	Tariff	
	Demand Charge in Rs/KVA/ month	Energy charge in Paise per kWh (Unit)
High Tension Tariff I A	300	550

1.2.1 This Tariff is applicable to all manufacturing and industrial establishments and registered factories including Tea Estates, Textiles, Fertilizers, Salem Steel Plant, Heavy Water Plant, Chemical plant, common effluent treatment plant, Cold storage units, Industrial estates water works, Water Supply Works by new Tirupur Area Development Corporation.

1.2.2 Information Technology services as defined in the ICT Policy 2008 of Government of Tamil Nadu.

1.2.3 The definition is reproduced below:

"IT services are broadly defined as systems integration, processing services, information services outsourcing, packaged software support and installation, hardware support and installation."

1.2.4 Information Technology Services includes:

i. Systems integration includes :

- a) Network Management Services
- b) Applications Integration

ii. Processing services includes:

- a) Outsourced Services in Banking, HR, finance, Technology and other areas
- b) Outsourced Bank office support or Business transformation and Process Consulting Services.

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iii. **Information Services Outsourcing includes:**

- a) Outsourced Global Information Support Services
- b) Knowledge Process Outsourcing
- c) Outsourced Global Contact Centre Operations
- d) Outsourced Process Consulting Services.

iv. **Packaged Software Support and Installation includes:**

- a) Software Design and Development, Support and Maintenance
- b) Application installation, support and maintenance
- c) Application testing.

v. **Hardware Support and Installation includes:**

- a) Technical and network operations support
- b) Hardware installation, administration and management
- c) Hardware infrastructure maintenance and support

1.2.5 The HT Industrial consumers (HT IA) shall be billed at 20% extra on the energy charges for the energy recorded during peak hours. The duration of peak hours shall be 6.00 A.M to 9.00 A.M and 6.00 P.M to 9.00 P.M.

1.2.6 The HT Industrial Consumers (HT I A) shall be allowed a reduction of 5% on the energy charges for the consumption during 10.00 P.M to 5.00 A.M as an incentive for night consumption.

1.2.7 High Tension Industries under Tariff I-A having arc, induction furnaces or steel rolling process the integration period for arriving at the maximum demand in a month will be fifteen minutes.

1.3 **High Tension Tariff I B:**

Tariff category	Tariff	
	Demand Charge in Rs/KVA/ month	Energy charge in Paise per kWh (Unit)
High Tension Tariff I B	250	550

1.3.1 This tariff is applicable to Railway traction.

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1.4 High Tension Tariff II-A

Tariff category	Tariff	
	Demand Charge in Rs/KVA/ month	Energy charge in Paise per kWh (Unit)
High Tension Tariff II A	300	450

1.4.1 This tariff is applicable for the following services under the control of Central/State Governments /local bodies/TWAD Board/CMWSSB:

1. Educational institutions including government aided educational institutions and Hostels run by such educational institutions, Hospitals, Veterinary Hospitals, Leprosy Sub-Centres, Primary Health Centres and Health Sub-Centres, Orphanages, Public Libraries, Public Water works and sewerage works, Public Lighting, Residential colonies and Housing complexes, Senior citizens communities, Electric crematorium, Research Laboratories and institutions, Ministry of Defence and Avadi CRPF establishment, Dairy units, Hospitals and Rehabilitation centres run by charitable trusts which offers totally free treatment for all categories of patients on par with government hospitals, Desalination plants and Art Galleries.
2. Desalination plant at Kudankulam nuclear power plant and Minjur Desalination plant of Chennai water Desalination Ltd.
3. Single point supply to Cooperative group housing society as specified in "The Electricity Eighth Order 2005".
4. Actual places of public worship.

1.5 High Tension Tariff II - B

Tariff category	Tariff	
	Demand Charge in Rs/KVA/ month	Energy charge in Paise per kWh (Unit)
High Tension Tariff II B	300	550

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1.5.1 The tariff is applicable to Private educational institutions and hostels run by them.

1.6 High Tension Tariff III

Tariff category	Tariff	
	Demand Charge in Rs/KVA/ month	Energy charge in Paise per kWh (Unit)
High Tension Tariff III	300	700

1.6.1 All Commercial Establishments and other categories of consumers not covered under High Tension Tariff IA, IB IIA, IIB and IV.

1.6.2 Private Communication Providers, Cinema Studios and Cinema Theatres.

1.7 High Tension Tariff IV

Tariff category	Approved Tariff rate		Subsidy for Energy Charges in Paise per kWh	Tariff rate payable by Consumer	
	Demand Charge in Rs/KVA/ month	Energy charge in Paise per kWh		Demand Charge in Rs/KVA/ month	Energy charge in Paise per kWh
High Tension Tariff IV	Nil	350	350	Nil	Nil

1.7.1 This tariff is applicable to the Lift Irrigation Societies for Agriculture registered under Co-operative Societies or under any other Act.

1.8 High Tension Tariff V

Tariff category	Tariff	
	Demand Charge in Rs/KVA/ month	Energy charge in Paise per kWh (Unit)
High Tension Tariff V	300	950

1.8.1 Temporary supply for construction and other purposes.

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TARIFF FOR LOW TENSION SUPPLY CONSUMERS

1.9 General Provisions applicable for Low Tension Supply

1.9.1 All consumers under this LT category except under LT tariff IB and IV shall have ISI marked motor and motor loads of 3 HP and more shall install adequate power factor improvement capacitors (ISI marked) Non compliance shall invite compensation charges as specified in TNERC Supply Code.

1.9.2 In case of LT Tariff III-B and LT Tariff V, all services with a connected load of 18.6 kW (25 HP) and above should maintain a power factor of not less than 0.85. Where the average power factor of Low Tension Service connection is less than the stipulated limit of 0.85 the following compensation charges will be levied.

Power Factor	Dispensation for Power Factor Surcharge
Below 0.85 and upto 0.75	One per cent of the current consumption charges for every reduction of 0.01 in power factor from 0.85.
Below 0.75	One and half per cent of the current consumption charges for every reduction of 0.01 in power factor from 0.85

1.9.3 Consequent to the abolition of monthly minimum charges, in the event of disconnection of services, the consumers shall be liable to pay the fixed charges applicable for the respective category during the disconnection period.

1.9.4 Incase of LT Tariff IIB 1, II B2, IIC, IIIA 1, IIIA2, IIIB and V, the fixed charges shall be calculated based on the contracted demand.

1.10 Low Tension Tariff I-A:

Tariff	Consumption slabs – Range in kWh(units) and billing period (one or two months)	Approved Tariff rate		Subsidy for Energy Charges in paise / kWh	Tariff rate payable by consumer	
		Fixed charges (Rupees per month)	Energy charges in paise / kWh		Fixed charges (Rupees per month)	Energy Charges in paise / kWh
Low Tension	For consumers who consume upto 50 units per month or 100 units for two months					
	From 0 to 50 units per month (or) 0 to 100 units for two	10	260	150	10	110

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Tariff	Consumption slabs – Range in kWh(units) and billing period (one or two months)	Approved Tariff rate		Subsidy for Energy Charges in paise / kWh	Tariff rate payable by consumer	
		Fixed charges (Rupees per month)	Energy charges in paise / kWh		Fixed charges (Rupees per month)	Energy Charges in paise / kWh
Tariff 1-A	months					
	For consumers who consume from 51 units to 100 units per month (or) 101 to 200 units per month					
	From 0 to 100 units per month (or) 0 to 200 units for two months	10	280	100	10	180
	For consumers who consume from 101 units to 250 units per month (or) 201 units to 500 units for two months					
	From 0 to 100 units per month (or) 0 to 200 units for two months	15	300	Nil	15	300
	From 101 to 250 units per month (or) 201 to 500 units for two months		400	50		350
	For consumers who consume 251 units and above per month (or) 501 units and above for two months					
	From 0 to 100 units per month (or) 0 to 200 units for two months	20	300	Nil	20	300
	From 101 to 250 units per month (or) 201 to 500 units for two months		400	Nil		400
	From 251 units and above per month (or) 501 units and above for two months		575	Nil		575

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1.10.1 This tariff is applicable to the following:

- (1) Domestic purposes of lights, fans, Air conditioners, including radio/TV and all other home appliances and watering for gardening including growing of trees in and around residential houses/buildings.
- (2) Handlooms in residences of handloom weavers (regardless of the fact whether outside labour is employed or not) and to handlooms in sheds erected where energy is availed of only for lighting and fans.
- (3) Public conveniences and Integrated woman sanitary Complexes.
- (4) Community Nutrition Centres, Anganwadi Centres, Nutritious Meal Centres and school buildings associated with the Government welfare scheme.
- (5) Old Age Homes, Leprosy Centres run by Charitable Institutions rendering totally free services
- (6) Consulting rooms of size limited to 200 square feet of any professionals attached to the residence of such professionals.
- (7) In respect of multi tenements/residential complexes supply used for common lighting, water supply, lift alone may be given separate connection and charged under this tariff.
- (8) In respect of multi-storied buildings/residential complexes having both domestic and commercial utilities, common facilities such as common lighting, common water supply, and lift will be charged under this tariff only if the commercial built up area does not exceed 25% of the total built up area
- (9) In multi tenements residential building/Group Houses the additional service connections requested by the owners/tenants shall be given without collecting development charges and service connection charges. All other conditions applicable for giving such multiple service connections are applicable except that more than one service connection are permitted in the same door number.
- (10) Electric crematorium by local bodies.

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1.11 Low Tension Tariff I-B:

Tariff	Description	Approved Tariff Rate		Subsidy for Fixed Charges/ Energy Charge	Tariff Rate Payable by Consumer	
		Energy charges in Paise / kWh	Fixed charges (Rupees / Month)		Fixed Charges (Rupees / Month)	Energy charges in Paise / kWh
Low Tension Tariff I-B	Till installation of Energy Meter	Nil	60	60 Rupees /service/ Month	Nil	Nil
	On Installation of Energy Meter	250	Nil	250 Paise/kWh	Nil	Nil

1.11.1 This tariff is applicable to huts in Village Panchayats and special grade panchayats, houses constructed under Jawahar Vela Vaidip Thittam, TAHD CO Kamarajar Adi Dravidar housing schemes, huts in Nilgiris District and hut with concrete wall in the schemes of state and central Governments. This tariff is applicable subject to following conditions:

- (1) Hut means a living place not exceeding 250 square feet area with mud wall and the thatched roof / tiles / asbestos / metal sheets like corrugated G.I. sheets for roofing/ concrete Roof and concrete wall with specification of square feet as approved in the schemes of State/ Central Government.
- (2) Only one light not exceeding 40 watts shall be permitted per hut.
- (3) As and when the government provides other appliances such as Colour TV, fan, Mixie, Grinder and Laptops to these hut dwellers, the usage of appropriate additional load may be permitted.

1.11.2 Whenever the norms prescribed in (1) to (3) above is violated, the service category shall be immediately brought under Low Tension Tariff I-A and billed accordingly

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1.12 Low Tension Tariff I-C:

Tariff	Tariff	
	Energy charges in paise / kWh	Fixed charges (Rupees / Month)
Low Tension Tariff I-C	400	50

1.12.1 This tariff is applicable to LT bulk supply for railway colonies, plantation worker colonies, defence colonies, Police Quarters, Residential quarters of Koodankulam Nuclear power project. This tariff is also applicable for the HT/EHT consumers who opt for extending supply under this category for their residential colonies / quarters.

1.13 Low Tension Tariff II-A:

Tariff	Energy charges in paise / kWh	Fixed charges (Rupees / Month)
Low Tension Tariff II-A	550	Nil

1.13.1 This tariff is applicable to Public Lighting, Public Water Supply and Public Sewerage System belonging to Government/local bodies /TWAD Board/MMSSB, Railway level crossings, private agriculture wells/private wells hired by Government/CMWSSB/TWAD Board/Local bodies to draw water for public distribution, Public Water Supply by New Tirupur Area Development Corporation, Public Water Supply in plantations, separate service connections for streetlights for SIDCO and other Industries Department. Lighting arrangements in the Rockfort temple area, its environs and for the roads and pathways leading to temple at Tiruchy.

1.14 Low Tension Tariff II-B (1)

Tariff	Tariff	
	Energy charges in paise / kWhr	Fixed charges (in Rupees per kW per month)

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Low Tension Tariff II-B (1)	500	50
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1.14.1 This tariff is applicable to the following:

1.14.2 Government and Government aided Educational Institutions, Hostels run by such Educational Institutions, Hostels run by Adi-Dravidar and Tribal Welfare, Backward Class Welfare Departments and other Government agencies, Government Youth Hostels, Scouts camps, Government Hospitals, Hospitals under the Control of local bodies, Veterinary Hospitals, Leprosy Sub-Centers, Primary Health Centers and sub-centers, Research Laboratories, Dispensaries, creches and recreation centers run by plantations, Research Institutes, Orphanages, Public Libraries and Libraries run at free of cost by trusts, Homes for Destitutes and Old people, Emergency accident Relief centers on highway, Terminal cancer care centre giving free treatment, Hospitals and Rehabilitation centres for mentally ill and blind, centres and dispensaries run by charitable trusts which offers totally free treatment for all categories of patients on par with government hospitals, Free Student Hostel, Hospital at Tribal areas, Institutes run for /by the physically challenged at free of cost, Government Art Galleries and Private Art Galleries and museum on service motives, Government Elephant Health camp, State Legal Udhavi Maiyam.

1.15 Low Tension Tariff II-B (2)

Tariff	Tariff	
	Energy charges in paise / kWhr	Fixed charges (in Rupees per kW per month)
Low Tension Tariff II-B (2)	650	50

1.15.1 This tariff is applicable to Private educational institutions and hostels run by them.

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1.16 Low Tension Tariff II-C:

Tariff	Consumption slabs – Range in kWh and billing period	Approved Tariff Rate		Subsidy for Energy Charges in Paise per kWh	Tariff Rate Payable by the Consumer	
		Fixed Charges (Rupees per kW per month)	Energy Charges in Paise per kWh		Fixed Charges (Rupees per kW per month)	Energy Charges in Paise per kWh
Low Tension Tariff II-C	0 to 60 units per month or 0 to 120 units bimonthly	50	500	250	50	250
	Above 60 units per month or above 120 units bimonthly		500	Nil		500

1.16.1 This tariff is applicable to actual places of public worship.

1.16.2 The existing concessions to the actual places of worship as already notified by GoTN having annual income less than Rs. 1000 shall be continued under the same terms and conditions, until further Order of the Commission

1.17 Low Tension Tariff III-A (1):

Tariff	Consumption slabs – Range in kWh and billing period	Tariff	
		Fixed Charges (Rupees per kW per month)	Energy Charges in Paise per kWh
Low Tension Tariff III-A(1)	0 to 250 units per month or 0 to 500 units bimonthly	15	350
	From 251 and above units per month or 501 units and above bimonthly		400

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- 1.17.1 The connected load for supply under this tariff category shall not exceed 10 HP.
- 1.17.2 This tariff is applicable to Cottage and tiny industries, micro enterprises engaged in the manufacture or production of goods pertaining to any industries specified in the first schedule to Industries (Development and Regulations) Act 1951 (Central Act 65 of 1951).
- 1.17.3 The intending consumers applying for service connection under LT Tariff II A (1) claiming to have established the micro enterprise engaged in the manufacture or production of goods shall produce the cottage industries certificates from the industrial department /acknowledgement issued by the District Industries Center under the Micro Small and Medium Enterprises Development Act, 2006 (Act 27 of 2006) as proof for having filed Entrepreneurs Memorandum for setting up of Micro Enterprises for manufacture or production of goods with District Industries Center under whose jurisdiction the Enterprise is located.
- 1.17.4 The existing consumers who are classified under LT Tariff III A (1) based on the SSI / Tiny Industries Certificate may be continued to be charged under the same tariff
- 1.17.5 This tariff is applicable to Small gem cutting units, Waste land development, laundry works, Common effluent treatment plants.
- 1.17.6 This tariff is also applicable to Coffee grinding, Ice factory, Vehicle Body building units, saw mills, rice mills, flour Mills, battery charging units.
- 1.17.7 This tariff is also applicable for sericulture, floriculture, horticulture, mushroom cultivation, cattle farming, poultry and bird farming, dairy units and fish/prawn culture who have not been covered under LT Tariff IV and which are run on commercial lines.

1.18 Low Tension Tariff III-A (2):

Tariff	Consumption slabs – Range	Approved Tariff Rate	Subsidy for	Tariff Rate payable by consumer
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	in kWh and billing period	Fixed Charges (Rupees per kW per month)	Energy Charges in Paise per kWh	Energy Charges in Paise per kWh	Fixed Charges (Rupees per kW per month)	Energy Charges in Paise per kWh
Low Tension Tariff III-A (2)	0 to 250 units per month or 0 to 500 units bimonthly	50	450	450	50	Nil
	From 251 and above units per month or 501 units and above bimonthly		500	100		400

1.18.1 The connected load shall not exceed 10 HP under this category.

1.18.2 The tariff is applicable to Power looms, Braided Cords Manufacturers, related ancillary tiny industries engaged in warping, twisting, and winding.

1.19 Low Tension Tariff III-B:

Tariff	Fixed Charges (Rupees per kW per month)	Energy Charges in Paise per kWh
Low Tension Tariff III-B	30	550



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1.19.1 This tariff is applicable to all industries not covered under LT Tariff III A (1) and III-A (2). All industries covered under LT Tariff III A (1) and III A (2) shall also fall under this tariff category if the connected load of such industries exceeds 10 HP.

1.19.2 This tariff is also applicable to Welding sets irrespective of its capacity.

1.19.3 Information Technology services as defined in the ICT Policy 2008 of Government of Tamil Nadu and amended from time to time. The definition is reproduced below:

"IT services are broadly defined as systems integration, processing services, information services outsourcing, packaged software support and installation, hardware support and installation."

1.19.4 Information Technology Services includes:

- (i) **Systems integration includes :**
 - a) Network Management Services
 - b) Applications Integration
- (ii) **Processing services includes:**
 - a) Outsourced Services in Banking, HR, finance, Technology and other areas
 - b) Outsourced Bank office support or Business transformation and Process Consulting Services.
- (iii) **Information Services Outsourcing includes:**
 - a) Outsourced Global Information Support Services
 - b) Knowledge Process Outsourcing
 - c) Outsourced Global Contact Centre Operations
 - d) Outsourced Process Consulting Services.
- (iv) **Packaged Software Support and Installation includes:**
 - a) Software Design and Development, Support and Maintenance
 - b) Application installation, support and maintenance
 - c) Application testing.
- (v) **Hardware Support and Installation includes:**
 - a) Technical and network operations support


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- b) Hardware installation, administration and management
- c) Hardware infrastructure maintenance and support.

1.19.5 Supply to welding sets shall be charged 15% extra.

1.19.6 The intending consumers applying for service connection under LT Tariff III B claiming to have established the industries engaged in the manufacture or production of goods shall produce certificate from the District Industries centre.

1.20 Low Tension Tariff IV:

Tariff	Description	Approved Tariff rate		Subsidy for Fixed Charges / Energy Charge	Tariff rate payable by consumer	
		Energy charges in Paise / kWh	Fixed charges (Rupees per HP per annum)		Fixed Charges (Rupees per HP per annum)	Energy charges in Paise / kWh
Low Tension Tariff IV	Till installation of Energy Meter	Nil	1750	1750 Rupees per HP per annum	Nil	Nil
	On Installation of Energy Meter	130	Nil	130 paise/kWh	Nil	Nil

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- 1.20.1 This tariff is applicable to all agricultural and allied activities such as cultivation of food crops, vegetables, seeds, trees and other plants. Sericulture, floriculture, horticulture, mushroom cultivation, cattle farming, poultry and other bird farming, fish/prawn culture carried out as allied activities of agriculture shall be considered as agricultural activities.
- 1.20.2 The services under this tariff shall be permitted to have lighting loads up to 50 watts per 1000 watts of power connected subject to a maximum of 150 watts inclusive of wattage of pilot lamps.
- 1.20.3 This tariff is applicable irrespective of ownership of land if the usage of electricity is for agriculture.
- 1.20.4 Agriculturists shall be permitted to use the water pumped from the well and stored in overhead tanks for bonafide domestic purposes in the farmhouse. The farmhouse shall be in close proximity from the well.
- 1.20.5 Supply for other purpose exceeding the limit permitted for the Pump sets and lighting purpose shall be provided only by separate service connections under appropriate LT Tariff. Service connections for water pumping for non agricultural purpose under appropriate tariff is permitted in the same well.
- 1.20.6 This Tariff is applicable to pump sets of Tamil Nadu Agriculture university and Research centres, Government Seed Farms, pump sets of Tamil Nadu Forest department, Pump sets of Government coconut nurseries, Pump sets of Government oil seed farms, Pumping and purifying of drainage water for the purpose of agriculture use.
- 1.20.7 All the new services under this category shall have ISI marked motors and power factor compensation capacitors to qualify for the supply. All the existing services should be provided with power factor compensation capacitors within one year. Non-compliance to provide the capacitors shall invite compensation charges as per the Tamil Nadu Electricity Regulatory Commission Regulations.

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1.21 Low Tension Tariff V:

Tariff	Fixed Charges (Rupees per kW per month)	Energy Charges in Paise per kWh
Low Tension Tariff V		
For consumer with consumption 50 units per month or 100 units bimonthly	60	430
For consumer with consumption above 50 units per month or above 100 units bimonthly	60	700

1.21.1 This tariff is applicable to All Commercial establishments, private communication providers, cinema studios, cinema theatres and consumers not categorized under LT IA, IB, IC, IIA, IIB (1), II B (2), IIC, IIIA (I), III A (2), IIIB, and IV.

1.21.2 This tariff is also applicable for LT supply for construction activities of residential house/building till the completion of construction activities.

1.21.3 In respect of multi tenements/multistoried buildings/residential complexes where the number of flats/Tenements utilized for commercial purposes exceeds 25% of the total built up area, the LT services relating to common utilities such as common lighting, water supply, lift shall be charged under this tariff.

1.21.4 In respect of residential complexes used for domestic, the common facilities such as Gym, swimming pool, recreation clubs, indoor stadiums and grounds, indoor and community halls, amphi theatres, shops etc will be charged under this tariff.

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1.22 Low Tension Tariff VI:

Tariff	Description	Energy charges in paise / kWh	Minimum (in Rupees)
Low Tension Tariff VI	Supply to temporary activities	1050	100 per kW or part of connected load thereof per day
	Lavish illumination	1050	Nil

1.22.1 This tariff is applicable for power supply for temporary activities such as construction of commercial complexes/ Residential buildings/ Complexes of more than 12 dwelling units. The temporary supply shall be converted into respective regular category after completion

1.22.2 This tariff is also applicable for lavish illumination to weddings, garden parties and other private functions, where the illumination is obtained through bulbs fastened in outer surfaces of walls of buildings on trees and poles inside the compound and in pandals, etc., outside the main building. All other cases of illumination, obtained through bulbs intended on outer surface of walls of buildings on trees and poles inside the compound and in pandals etc., outside the main building shall be charged as for Temporary Supply.

Applicability of the Tariff Schedule

1.22.3 The above tariff schedule shall be read with the General Terms and Conditions of Supply Code and Distribution code specified by the Tamil Nadu Electricity Regulatory Commission.

1.22.4 The present tariff order supersedes all the previous specific orders issued by the Commission on categorization of certain consumers.


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Retail Supply Tariff Order FY 2021-22**Commission's View:**

The Petitioners have filed separate Petitions for approval of Capital investment plan for FY 2021-22 to FY 2026-27, which has been admitted by the Commission and presently under consideration. Therefore, the Commission in this Order has considered the capital expenditure for FY 2021-22 provisionally based on Petitioner submission, which shall be subject to approval of capital investment plan and True up.

Aggregate Revenue Requirement (ARR) Components***ISSUE No. 8: Computation of Aggregate Revenue Requirement (ARR)*****Stakeholders Suggestions:**

In the Chapter A11 of the Petition, the ARR for FY 2021-22 has been worked out by the Petitioners on the basis of the provisions of Regulations considering actual figures of FY 2019-20 as base. Further, the revenue subsidy has not been considered in FY 2020-21 and FY 2021-22 (Table 128 of the Petition). The Commission may consider curbing of such tendencies through bringing out a Regulation. Hence, the ARR has to be based on actuals of FY 2020-21 updated up to January, 2021 available on MPPMCL Portal.

Another stakeholder submitted that Discoms have not filed their Retail supply Tariff petition for FY 2021-22 on the basis of correct figures.

Petitioners' Response:

The Petitioners submitted that the tariff petition has been prepared on the basis of past years audited data & present available figure with DISCOMs. Further, ARR is calculated in accordance with the provisions of MYT Regulations, 2015 and its amendments thereof. Summary of ARR for all three DISCOMs along with MPPMCL cost available in Table 129 of the Petition. Subsidy provided by State Government is not the subject matter of the instant Petition and revenue has been considered as per tariff schedule approved by the Commission.

Commission's View:

The Commission has taken the cognizance of the stakeholders' suggestions and Petitioners' reply and has approved the ARR on the basis of the provisions of the MYT Regulations, 2015 and its amendments thereof. Further, the Commission has determined the tariff to recover the full ARR and has not considered the tariff subsidy in its computation. If any subsidy received from Government shall be considered by the Commission on the basis of actuals at the time of true up.

ISSUE No. 9: O&M Expenses of DISCOMs**Stakeholders Suggestions:**

The proposed O&M Expenses, Employee Costs, Administrative & General Expenses, Repair and Maintenance Expenses, Capital Investment Plan, Scheme Wise Capitalization, CWIP, Fixed Assets Addition, etc., needs to be verified from other agency for its correctness.

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4.1 Tariff proposal for FY 2019-20

- 4.1.1 Discoms have proposed revision of tariff which would lead to an additional revenue of Rs. 5175 crore during 2019-20 as follows:

Table 60: Expected Additional Revenue as proposed by Discoms for FY 2019-20
(Rs. Crore)

Particulars	Expected Additional Revenue
JVVNL	
AVVNL	1,943
JdVVNL	1,339
Total	1,893
	5,175

- 4.1.2 Considering a wide gap between average cost of supply and average realization, revision of tariff becomes a necessary measure.
- 4.1.3 Discoms have also proposed certain rationalization measures in order to facilitate better utilization of resources, economic pricing and better revenue management.

4.2 Tariff Philosophy

- 4.2.1 While determining the tariff in this order, the Commission is guided by the principles stated in section 61 of the Electricity Act, 2003 and RERC (Terms and Conditions for Determination of Tariff) Regulations, 2019, which inter alia provide the following:
- That the distribution and supply of electricity are conducted on commercial basis;
 - Safeguarding of consumers' interest and at the same time, recovery of the cost of electricity in a reasonable manner;
 - That competition, efficiency, economical use of resources, good performance, and optimum investment are encouraged;
 - That the tariff progressively reflects the cost of supply of electricity, and also reduces cross subsidies in the manner specified by the Commission;
 - That efficiency in performance is to be rewarded.
- 4.2.2 Section 62(3) of the Act provides that the Appropriate Commission shall not, while determining the tariff under this Act, show undue preference to any consumer of electricity but may differentiate according to the consumer's load factor, power factor, voltage, total consumption of

electricity during any specified period or the time at which the supply is required or the geographical position of any area, the nature of supply and the purpose for which the supply is required.

4.2.3 The Regulations of the Commission as well as National Tariff Policy visualize cross subsidy to be in +/- 20% range of average cost of supply and this has been considered in the Order.

4.2.4 Therefore, while finalizing the tariff for different consumer categories, the Commission has given due consideration to the relevant provisions of the Act/Tariff Policy proposals of the licensees, comments of the Stakeholders, Commission's decision thereon and the position of cross subsidy.

4.2.5 The tariff has been determined for each category without considering any subsidy. The subsidy, if provided by the Govt., would result in reduced amount payable by consumer of such category. Further, the Government, if it provides subsidy, should pay such subsidy in advance as per RERC (Terms & Conditions for Determination of Tariff) Regulations, 2019.

4.2.6 There are various reasons for the accumulated losses including high Distribution losses. However, one of the main reasons for accumulation of losses is non increase in tariff for FY 2005-06 to FY 2010-11. Tariff for FY 2011-12 was also made effective in September 2011, thereafter, regular tariff increase were made till 2016. Since last three years no tariff increase has been made considering that Discoms will met the gap by improvement in efficiency and cost optimization. However, certain gap still remained and to meet the gap of these years, the Discoms had to resort to short terms loans at high interest every year.

4.2.7 Though Government of India and Government of Rajasthan have initiated UDAY Scheme to bridge gap and reduce the distribution losses to specified level but due to Discoms inefficiency, various targets including the distribution losses could not be achieved by the Discoms. The Government of Rajasthan has also recovered interest on unconverted loan given under UDAY from Rajasthan Discoms as discussed in ARR section.

✓ 4.2.8 The Commission, after truing up and disallowing excess losses and



KANPUR ELECTRICITY SUPPLY COMPANY LTD.

(Govt. of Uttar Pradesh Undertaking)

OFFICE OF SUPERINTENDENT ENGINEER (Comm.)

T: 0512-2530832 | F: 0512-2530587 | M: +91-9839104007 | Email: secommkesco01@gmail.com

Ref: KESCO/SE(Comm.)/Directives/FY21-22/No. 94

Date: 17.11.2021

Voltage wise (440V, 11kV, 33kV, 66kV, 132 kV) - Energy Sales and Losses of Discom.

(In MU)

Sl. No.	Particulars	KESCO FY 20-21
A	System Losses At 220 KV	
1	Energy received into the system	
2	Energy sold at this voltage level	
3	Energy transmitted to the next (lower) voltage level	
4	Energy Lost	
5	Total Loss in the system (4/1)*100%	
B	System Losses At 132 KV	
1	Energy received into the system	148.66
2	Energy sold at this voltage level	148.65
3	Energy transmitted to the next (lower) voltage level	0.00
4	Energy Lost	0.01
5	Total Loss in the system (4/1)*100%	0.01
C	System Losses At 33 KV	
1	Energy received into the system	3234.08
2	Energy sold at this voltage level	134.99
3	Energy transmitted to the next (lower) voltage level	3066.14
4	Energy Lost	32.94
5	Total Loss in the system (4/1)*100%	1.02
D	System Losses At 11 KV	
1	Energy received into the system	3066.14
2	Energy sold at this voltage level	427.47
3	Energy transmitted to the next (lower) voltage level	2576.78
4	Energy Lost	61.89
5	Total Loss in the system (4/1)*100%	2.02
E	LT System Losses	
1	Energy received into the system	2576.78
2	Energy sold at this voltage level	2318.14
3	Energy Lost	258.65
4	Total Loss in the system (3/1)*100%	10.04
F	Overall Losses	
1	Energy In	3382.74
2	Energy Out	3029.25
3	Total T&D Loss ((1-2)/1)*100%	10.45

Additional Information required under the Schedule III of the Companies Act, 2013 as per compliance directives of the Hon'ble Commission with respect to Clause No. 11.2.2 of Tariff Order dated 29.07.2021 are as under:-

Discom Name: Kanpur Electricity Supply Company Limited (KESCO)		
Particulars	FY 2020-21	FY 2019-20
Total Power Purchased (MU)	3382.737	3578.253
Total Power Sold (MU)	3029.253	3300.502
Transmission & Distribution Loss (MU)	353.484	277.751
% Transmission & Distribution loss	10.45%	7.76%

S.E. (Comm)

अधीक्षण अभियन्ता (वा0)

केस्को, कानपुर

Regd. Office: 14/71, KESA House, Civil Lines, Kanpur-208001, Uttar Pradesh, India
website: www.kesco.co.in | CIN: U40105UP1999SGC024626



उपग्रो पावर कारपोरेशन लिमिटेड

विद्युत आयात निर्यात एवं भुगतान मण्डल
11वें तल, शक्ति भवन विस्तार, 14 अशोक मार्ग

लखनऊ-226001

CIN: U32201UP1999SGC024928

पत्रांक 3401/वि०आ०नि०एवंभु०मं०/

दिनांक 23/09/2021

मुख्य अभियन्ता (आर०ए०यू०)

उपग्रो पावर कारपोरेशन लि०

15वें तल, शक्ति भवन विस्तार,

लखनऊ।

विषय: उपग्रो विद्युत नियामक आयोग द्वारा निर्गत टैरिफ आदेश वर्ष 2021-22 दिनांक 29.07.2021 में निर्गत डायरेक्टिव्स के सम्बन्ध में।

महोदय,

कृपया अपने पत्रांक 371/आर०ए०यू०/डायरेक्टिव दिनांक 14.09.2021 का सन्दर्भ ग्रहण करने कि कृपा करें। संज्ञानित करना है कि उक्त पत्र के माध्यम से इस इकाई से सम्बन्धित बिन्दु सं० 11.2.4 एवं 11.2.16 पर कृत कार्यवाही से शीघ्रतापूर्वक अवगत कराने हेतु निर्देश प्राप्त हुये है। अतः उपरोक्त के अनुक्रम में उक्त बिन्दुओं पर निम्नवत् सूचनीय है:-

11.2.4:- पावर पर्चेज में पी०टी०सी० Unverified के मद में रु० 116.21 करोड़ का विवरण निम्नवत् है।

Sr. no.	Generator	Period	Billed (Rs.)	Verified (Rs.)
1	TRN Change in Law	2019-20	1020419349	683801323
2	TEESTA-III	Apr-19 to Dec-19	141681341	141681341
Total			1162100690	825482664

11.2.16:- माननीय UPERC (Merit Order Dispatch and Optimization of power purchase) Regulations, 2021 (Removal of Difficulty) first order, 2021 दिनांक 06.09.21 के अनुपालन में दिनांक 22.09.21 को Actual MOD इस कार्यालय पत्रांक EIE&PC//PS dt. 22.09.21 के द्वारा अधिशासी निदेशक पावर मेनेजमेन्ट सेल को प्रेषित कि जा चुकी है। अग्रेतर यह भी संज्ञानित करना है कि MOD stack, UPSLDC द्वारा तैयार कर प्रेषित की जाती है अतः MOD stack से सम्बन्धित अन्य कोई सूचना UPSLDC से प्राप्त करने की कृपा करें।

संलग्नक:- यथोपरि।

A. Mehrotra

(आलोक मेहरोत्रा)

अधीक्षण अभियन्ता

पत्रांक /वि०आ०नि०एवंभु०मं०/

दिनांक 2021

प्रतिलिपि निम्नलिखित को सूचनार्थ प्रेषित:-

1. प्रबन्ध निदेशक, उपग्रो पावर कारपोरेशन लि०, शक्ति भवन, लखनऊ।
2. निदेशक (वाणिज्य), उपग्रो पावर कारपोरेशन लि०, शक्ति भवन, लखनऊ।
3. निदेशक (कारपोरेट प्लानिंग), उपग्रो पावर कारपोरेशन लि० सप्तम तल, शक्ति भवन, लखनऊ।
4. मुख्य अभियन्ता, पी०एम०सी०, यू०पी०एस०एल०डी०सी० बिल्डिंग, विभूति खण्ड, गोमती नगर, लखनऊ।

SE-V/EE-2/EE-1/EE-2/EE-3

(आलोक मेहरोत्रा)

अधीक्षण अभियन्ता

AD ST
Mail to M/ (Mehrotra)
22.09.21
23/09/21

CE (R&U)

OFFICE OF THE
SUPERINTENDING ENGINEER
ELECTY. IMPORT EXPORT & PAYMENT CIRCLE
U.P. POWER CORPORATION LIMITED
11th FLOOR, SHAKTI BHAWAN EXTN.
14- ASHOK MARG,
LUCKNOW

1566
NO. EIE&PC/PTC/TEESTA

Dt.

18/5/2020

SUBJECT:- Verification of Supply Of Power From TEESTA (III) To UPPCL Through PTC

Executive Director (A & A)
U.P.P.C.L.
Shakti Bhawan
14-Ashok Marg
Lucknow

Kindly find enclosed herewith the bill of Capacity & Energy Charges provisionally verified as per given below :-

TRADER: PTC
SOURCE: TEESTA III
BILL PRESENTATION DATE: DIARY NO :- 1547 dt. 23.04.2020
Last Document Received : PTC/COMML/TUL-UPPCL/5226 dt 11.03.2020

BILL REF.	PERIOD	SYSTEM /HEAD	BILLED Rs.	VERIFIED Rs.	Remark
PTC/5203074 dated 06.02.2020	Apr-19 to Dec-19	SUPP.	850600041	950088045	Annexure-1
TOTAL			850600041	850088045	
A - Net Sum Payable Per Installment- Installment 4 out of 6 (May-20)				141681341	As Per CERC Order dated 09.01.2020 Amount is to be verified in six equal monthly installments
Total Amount Payable (A)				141681341	

FADE

Dushyant
18/05/2020
AE

AE

1566

NO. EIE&PC/TEESTA/PTC

AO
18/05/2020

AO

SE

Dt.

18/05/2020

Copy forwarded for information & necessary action to:

ED(PMC) UPPCL, SLDC OFFICE, Vibhuti Khand, Gomti Nagar, Lucknow
GE (RAU), UPPCL, 15th Floor, Shakti Bhawan Extension Lucknow.
M/s PTC India Ltd., 2nd Floor, NBCC Tower, 15, Bhikaji Cama Place NEW DELHI-110066,
AO, EIEPC, UPPCL, 11th Floor, Shakti Bhawan Extn., Lucknow

(SANJAY SRIVASTAVA)
SUPERINTENDING ENGINEER

CALCULATION OF CAPACITY & ENERGY CHARGES AS PER CERC ORDER Dt. 09.01.2020

ANNEX-I

Month	Capacity Charges already billed (Rs.) (1)	Energy Charges already billed (Rs.) (2)	Capacity Charges now verified (Rs.) (3)	Energy Charges now verified (Rs.) (4)	Differential Capacity Charges (Rs.) (5) = (3) - (1)	Differential Energy Charges (Rs.) (6) = (4) - (2)	Total Differential Amnt. (Rs.) (7) = (5) + (6)
Apr-19	185271423	138817581	230839076	172957919	45567653	34140338	79707991
May-19	193598229	230873993	241213866	287654381	47615637	56780388	104396025
Jun-19	180918396	298001480	225415419	371290980	44497023	73289500	117786523
Jul-19	187353806	313595356	233433622	390719962	46079816	77124606	123204422
Aug-19	193029754	310738904	240505574	387161004	47475820	76422100	123897920
Sep-19	184524092	308631197	229907938	384534935	45383846	75903738	121287584
Oct-19	187779722	182259961	233964293	223021726	46184571	40761765	86946336
Nov-19	183962033	37140900	229207640	37140900	45245607	0	45245607
Dec-19	193598229	34974000	241213866	34974000	47615637	0	47615637
Total	1690035684	1855033372	2105701294	2289455807	415665610	434422435	850088045

Dushyant
AE

Ar
18/01/2020
AO

PTC INDIA LTD.

(Formerly Known as POWER TRADING CORPORATION OF INDIA LTD.)
2nd Floor, NBCG Tower, 15, Bhikaji Cama Place, New Delhi-110066
Phones : 011-41659500, 41659129 Fax : 011-41659144
CIN : L40105DL1999PLC099328, GSTIN: 07AABCP7947F1Z8

BILL OF SUPPLY

PTC/ 5203074 Supplementary Invoice

Invoice Date : 06.02.2020

RT AND EXPORT)
RADESH POWER CORPN LTD.
RTI BHAWAN, 11TH FLR. EXTN.,
KNOW -226001
FIN: 09AAACU5088M4ZM
Customer No: 1039001

Subject :
SUPPLY OF POWER FROM TEESTA HEP TO UPPCL
THROUGH PTC

PSA DTD 27.09.2006

HSN CODE: 27160000

Particulars of Claims : ENERGY SUPPLY FOR THE PERIOD: 01.04.2019 To 31.12.2019

Date for Deposit to PTC Account : 13.02.2020

No.	Description	Energy (LUs)	Rate (INR/Kwh)	Amount (INR)
1	Revision in Capacity Charges			416,177,606.00
2	Revision in Energy Charges			434,422,435.00
Gross Total Amount				850,600,041.00

Amount in words : Rupees EIGHTY FIVE CRORE SIX LAKH FORTY ONE Only

Amount payable on or before (After rebate of 2.000 % on Gross Amount)	13.02.2020	833,588,040.00
Amount payable on or before 8th to 27th Day (After rebate of 1.000 % on Gross Amount)	04.03.2020	842,094,041.00
Amount payable after 27th Day		850,600,041.00

Remarks :

Payment to be deposited on or before 13.02.2020 to our bank account no. 011103000000842 maintained in Bank Ltd. (IFSC: IBKL0000127).
Late fee/Surcharge is applicable as per the terms of PPA/PSA.

Charge Start Date 04.04.2020

EEC RD
23/04/2020

ENERGY CERTIFICATE

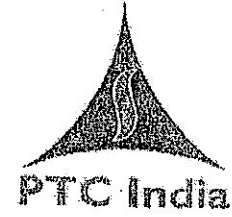
1547 *23/04/2020*

Navneet Gupta
Digitally signed by
Navneet Gupta on
Date: Thu Feb 06
13:33:42 IST 2020

(Authorised Signatory)

CERTIFICATE OF REVISION

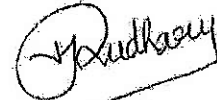
For UPPCL
Transaction :- TEESTA HEP- UPPCL
Period: 01.04.2019 To 31.12.2019



Order No / Item No: 602071 / 000060 Dated: 05.02.2020

Customer Code : 1039001 Name : UTTAR PRADESH POWER CORPN LTD. / UPPCL

No	Description	Unit (LU)	Rate (INR./Kwh)	Amount (INR)
	Revision in Capacity Charges			416177606.00
	Revision in Energy Charges			434422435.00
Amount Payable by UTTAR PRADESH POWER CORPN LTD.				850,600,041.00


Authorized Signatory

TE: Amount is payable in Six(6) Equal Monthly Installments from the date of this supplementary Invoice.



Rate of Interest as per CERC Tariff Regulations 2019
Bank Rate as on 01-04-2019

09-01-2020
Bank Rate plus 350
basis points
12.55%

Appendix 2

Period	Date of Invoice	Invoice Value as per CERC Interim Tariff Order dated 23-05-2017	Invoice Value as per CERC Final Tariff Order dated 09-01-2020	Difference in Invoice raised as per Supplementary invoice	No. of days from Bill date to 09-01-2020	Amount in Rs
A	B	C	D	E = D - C	F	G
Apr-19	05-05-2019	32,61,70,705	40,63,90,692	8,02,19,987	250	68,76,782
May-19	05-06-2019	42,44,72,222	52,88,68,247	10,43,96,025	219	78,39,542
Jun-19	05-07-2019	47,89,19,876	59,67,06,399	11,77,86,523	189	76,33,436
Jul-19	05-08-2019	50,09,49,162	62,41,53,584	12,32,04,422	158	66,74,919
Aug-19	05-09-2019	50,37,68,658	62,76,66,578	12,38,97,920	127	53,95,484
Sep-19	05-10-2019	49,31,55,289	61,44,42,873	12,12,87,584	97	40,34,138
Oct-19	05-11-2019	37,00,39,682	45,69,86,019	8,69,46,337	66	19,67,695
Nov-19	05-12-2019	22,11,02,933	26,63,48,540	4,52,45,607	36	5,58,524
Dec-19	05-01-2020	22,85,72,229	27,61,87,866	4,76,15,637	5	81,636
TOTAL		3,54,71,50,756	4,39,77,50,797	85,06,00,041		4,10,62,155

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S.N.	1200 MW Teesta III Hydro-electric Project, Sikkim		Sep-19	Oct-19	Nov-19	Dec-19
1	Capacity allocated to Uttar Pradesh Power Corporation Ltd (MW)	A	200	200	200	200
2	Annual Fixed Cost (AFC) as approved by CERC vide Order dated 09.01.2020 in Petition No.249/ GT/ 2016 in Rs ¹	B	26,40,76,13,000	26,40,76,13,000	26,40,76,13,000	26,40,76,13,000
3	Annual Design Energy (Ex-Bus) in MWh ²	C	51,51,254	51,51,254	51,51,254	51,51,254
4	Free Energy to Home State in % (FEHS)	D	12	12	12	12
5	Installed Capacity (IC) in MW	E	1200	1200	1200	1200
6	Number of Days in the period (12.05.2018 to 31.03.2019) (NDP)	F	30	30	30	30
7	Number of Days in the year (NDY)	G	366	366	366	366
8	Normative Annual Plant Availability Factor in % (NAPAF) ³	H	85	85	85	85
9	Energy Charge Rate (ECR) (Ex-Bus) in Rs / kWh ⁴ [ECR = AFC x 0.5 / (C x 1000 x (100 - FEHS) / 100)]	I	2.913	2.913	2.913	2.913
I	CAPACITY CHARGES					
10	Plant Availability Factor achieved during the period (PAF), in %	J	108.339	105.694	108.009	110.000
11	Capacity Charge for the period as per CERC Order dt 09.01.2020 ⁵ [AFC x 0.5 x NDP / NDY x (PAFM / NAPAF) x 200 / 1200] in Rs	K	₹ 22,99,07,938	₹ 23,39,64,293	₹ 22,92,07,640	₹ 24,12,13,866
12	Capacity Charges as per interim order dt. 23.05.2017.	L	₹ 18,45,24,092	₹ 18,77,79,722	₹ 18,39,62,033	₹ 19,35,98,229
13	Capacity Charges vide present Supplementary Invoice ⁶	M = K - L	₹ 4,53,83,846	₹ 4,61,84,571	₹ 4,52,45,607	₹ 4,76,15,637
II	ENERGY DETAILS					
14	Scheduled Energy (Ex-bus) to UPPCL in kWh ⁵	N	13,20,06,500	8,46,55,925	3,09,50,750	2,91,45,000
15	Cumulative Energy (Ex-bus) upto Dec'19 at bus-bar	O	68,46,27,250	76,92,83,175	80,02,33,925	82,93,78,925
16	Share in Design Energy at bus-bar.	P	75,55,17,277	75,55,17,277	75,55,17,277	75,55,17,277
17	Primary Energy for the period in kWh	Q	13,20,06,500	7,08,90,027	-	-
18	Secondary Energy for the period in kWh	R	-	1,37,65,898	3,09,50,750	2,91,45,000
III	ENERGY CHARGES					
19	Energy Charges in terms of CERC Order dt 09.01.2020 Rs. ¹ S=QxRx1.2		38,45,34,935	22,30,21,726	3,71,40,900	3,49,74,000
20	Energy Charges claimed as per interim order dt. 23.05.2017	T	30,86,31,197	18,22,59,960	3,71,40,900	3,49,74,000
21	Energy Charges vide this Supplementary Invoice ⁷	U = S - T	7,59,03,737	4,07,61,766	-	-
22	Net Supplementary Invoice value in Rs. ⁸	V = M + U	₹ 12,12,87,584	₹ 8,69,46,337	₹ 4,52,45,607	₹ 4,76,15,637

[Handwritten Signature]

[Handwritten Mark]

S.N.	1200 MW Teesta III Hydro-electric Project, Sikkim		Apr-19	May-19	Jun-19	Jul-19	Aug-19
1	Capacity allocated to Uttar Pradesh Power Corporation Ltd (MW)	A	200	200	200	200	200
2	Annual Fixed Cost (AFC) as approved by CERC vide Order dated 09.01.2020 in Petition No.249/ GT/ 2016 in Rs ¹	B	26,40,76,13,000	26,40,76,13,000	26,40,76,13,000	26,40,76,13,000	26,40,76,13,000
3	Annual Design Energy (Ex-Bus) in MWh ²	C	51,51,254	51,51,254	51,51,254	51,51,254	51,51,254
4	Free Energy to Home State in % (FEHS)	D	12	12	12	12	12
5	Installed Capacity (IC) in MW	E	1200	1200	1200	1200	1200
6	Number of Days in the period (12.05.2018 to 31.03.2019) (NDP)	F	30	30	30	30	30
7	Number of Days in the year (NDY)	G	366	366	366	366	366
8	Normative Annual Plant Availability Factor in % (NAPAF) ³	H	85	85	85	85	85
9	Energy Charge Rate (ECR) (Ex-Bus) in Rs / kWh ⁴ [ECR = AFC X 0.5 / (C x 1000 x (100 - FEHS) / 100)]	I	2.913	2.913	2.913	2.913	2.913
I	CAPACITY CHARGES						
10	Plant Availability Factor achieved during the period (PAF) in %	J	110.000	110.000	106.222	106.452	109.677
11	Capacity Charge for the period as per CERC Order dt 09.01.2020 ⁵ [AFC x 0.5 x NDP / NDY x (NAPAF / NAPAF) x 200 / 1200] in Rs	K	₹ 23,34,32,773	₹ 24,12,13,866	₹ 22,54,15,419	₹ 23,34,33,622	₹ 24,05,05,574
12	Capacity Charges as per interim order dt. 23.05.2017	L	₹ 18,73,53,124	₹ 19,35,98,229	₹ 18,09,18,396	₹ 18,73,53,806	₹ 19,30,29,754
13	Capacity Charges vide present Supplementary Invoices ⁵	M = K - L	₹ 4,60,79,649	₹ 4,76,15,637	₹ 4,44,97,023	₹ 4,60,79,816	₹ 4,74,75,820
II	ENERGY DETAILS						
14	Scheduled Energy (Ex-bus) to UPPCL in kWh ⁶	N	5,93,74,500	9,87,48,500	12,74,60,000	13,41,29,750	13,29,08,000
15	Cumulative Energy (Ex-bus) upto Dec'19 at bus-bar	O	5,93,74,500	15,81,23,000	28,55,83,000	41,97,12,750	55,26,20,750
16	Share in Design Energy at bus-bar	P	75,55,17,277	75,55,17,277	75,55,17,277	75,55,17,277	75,55,17,277
17	Primary Energy for the period in kWh	Q	5,93,74,500	9,87,48,500	12,74,60,000	13,41,29,750	13,29,08,000
18	Secondary Energy for the period in kWh	R					
III	ENERGY CHARGES						
19	Energy Charges in terms of CERC Order dt 09.01.2020 Rs. ⁷ S = QxRx1.2	T	17,29,57,919	28,76,54,381	37,12,90,980	39,07,19,952	38,71,61,004
20	Energy Charges claimed as per interim order dt. 23.05.2017	U = S - T	13,88,17,581	23,08,73,993	29,80,01,480	31,35,96,356	31,07,38,904
21	Energy Charges vide this Supplementary Invoice ⁷	V = M + U	₹ 8,02,19,987	₹ 10,43,96,025	₹ 11,77,86,523	₹ 12,32,04,422	₹ 12,38,97,920
22	Net Supplementary Invoice value in Rs. ⁸						

Q. No. 2

2

Notes:

1. Annual Fixed Charges (AFC) as approved by Hon'ble Central Electricity Regulatory Commission (CERC) vide Order dated 09-01-2020 in Petition No. 249/GT/2016 for FY 2018-19 has been considered pursuant to Regulation 10(4) of CERC (Terms and Conditions of Tariff) Regulations 2019
2. Annual Design Energy (Ex-bus) is considered after adjusting Design Energy with normative auxiliary consumption of 1.2% as per Regulation 50(C) of CERC (Terms and Conditions of Tariff) Regulations, 2019 (Tariff Regulations 2019). Design Energy of 5213.82 MU as approved by Hon'ble CERC vide Order dated 09-01-2020 has been considered.
3. Normative Annual Plant Availability Factor (NAPAF) of 85% as approved by Hon'ble CERC vide Order dated 09-01-2020 and Regulation 50(A)(4) of CERC Tariff Regulations 2019 has been considered.
4. Energy Charge Rate (ECR) has been computed as per Regulation 44(5) of Tariff Regulations 2019. Further, Secondary Energy has been charged @ Rs.1.20/kWh. Further, vide the present Supplementary Invoice, the difference between Energy Charges computed based on Order dated 09.01.2020 and Interim Order dated 23.05.2017 has been considered.
5. Capacity Charge has been computed as per Regulation 44(2) of Tariff Regulations 2019 duly adjusted for gross Contracted Capacity of UPPCL. Further, vide the present Supplementary Invoice, the difference between Capacity Charges computed based on Order dated 09.01.2020 and Interim Order dated 23.05.2017 has been considered.
6. Scheduled Energy (Ex-bus) is as published on the website of ERLDC for the months of April 2019 to December 2019
7. Energy Charges have been computed as per Regulation 44(4) of Tariff Regulations 2019. Further, Secondary Energy has been charged @ Rs.1.20/kWh. Further, vide the present Supplementary Invoice, the difference between Energy Charges computed based on Order dated 09.01.2020 and Interim Order dated 23.05.2017 has been considered.
8. As per Regulation 10(7) of CERC Tariff Regulations 2019, total due amount is required to be paid in six (6) equal monthly instalments. As per Regulation 59 of CERC Tariff Regulations 2019, Late Payment Surcharge @1.50% per month shall be levied in the event of delay from the Due Date mentioned above. Monthly breakup since 01.04.2019 to 31.12.2019 is at Appendix 1.
9. UPPCL vide letter dated 07-03-2018 has agreed to the commercial waiver of PTC/ TUL that in the event final tariff determined by CERC is higher than the interim tariff, PTC/TUL will not claim any interest on the difference between final and Interim tariff payments. Accordingly, TUL vide the present Supplementary Invoice has not claimed any interest on the difference between final and interim tariff payments. Accordingly, TUL vide the present Supplementary Invoice has not claimed any interest on the difference between final and interim tariff payments which amounts to Rs.4.13 Crores (details at Appendix 2).
10. TUL vide letter dated 21-03-2018 has agreed that TUL shall waive all its rights (legal and contractual) to claim the difference between the revenue from the sale of power under short term corresponding to the Contracted Capacity of UPPCL and the provisional tariff/final tariff for the period from COD of the Project and upto the date of commencement of scheduling by UPPCL (i.e. from 28.02.2017 to 11.05.2018)

It is requested to pay the due amount to Teesta Urja Limited through NEFT/RTGS to following bank accounts details:

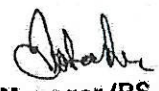
Bank Details :

Beneficiary Account Name: **TEESTA URJA LIMITED**

Bank Name and Address: **PUNJAB NATIONAL BANK, Large Corporate Branch, Tolstoy House, New Delhi-110001**

Beneficiary Account No & IFSC Code: **2164002900001113 & PUNB0216400**

For Teesta Urja Limited


General Manager (PS & R)
(Jaldeep Lakhtakia)

2005SGC133875



Fax: +91-11-46529744
Email: info@teestaurja.com

TEESTA URJA LIMITED

(A Government of Sikkim Enterprise)

BILL OF SUPPLY

GSTIN 11AACCT2402L1ZT: PAN - AACCT2402L

Project Office Address: C- 75, Power Colony, Mangan, North Sikkim - 737116

Invoice No.: T/PTC/UP/1920/10

Date: 04-02-2020

Due Date:

Six Equal Monthly Instalments from 04-02-2020

Bill To: PTC India Limited

2nd Floor, NBCC Tower, 15, Bhikaji Cama Place, New Delhi - 110066

GSTIN - 07AABCP7947F1Z8

Delivery Point: Teesta III HEP (bus-bar)

HSN CODE

2716 00 00

Description of Good

Electrical Energy

if: Power Purchase Agreement (PPA) between Teesta Urja Ltd. (TUL) & PTC India Ltd. (PTC) dt. 28.07.2006 and back-to-back Power Sale Agreement (PSA) between PTC and Uttar Pradesh Power Corporation Ltd. (UPPCL) dt. 27.09.2006

1200 MW Teesta III Hydro-electric Project, Sikkim SUPPLEMENTARY INVOICE		01.04.2019 to 31.12.2019
Capacity allocated to Uttar Pradesh Power Corporation Ltd (MW)	A	200
Annual Fixed Cost (AFC) as approved by CERC vide Order dated 09.01.2020 in Petition No.249/ GT/ 2016 in Rs ¹	B	26,40,76,13,000
Annual Design Energy (Ex-Bus) in MWH ²	C	51,51,254
Free Energy to Home State in % (FEHS)	D	12
Installed Capacity (IC) in MW	E	1200
Number of Days in the period (NDP)	F	275
Number of Days in the year (NDY)	G	366
Normative Annual Plant Availability Factor in % (NAPAF) ³	H	85
Energy Charge Rate (ECR) (Ex-Bus) in Rs / kWh ⁴ [ECR = AFC X 0.5 / (C x 1000 x (100 - FEHS) / 100)]	I	2.913
CAPACITY CHARGES		
Plant Availability Factor achieved during the period (PAF), in %	J	As at Appendix 1
Capacity Charge for the period as per CERC Order dt 09.01.2020 ⁵ [AFC x 0.5 x NDP / NDY x (PAFM / NAPAF) x 200 / 1200] in Rs	K	₹ 2,10,82,94,991
Capacity Charges claimed as per interim order dt. 23.05.2017	L	₹ 1,69,21,17,385
Capacity Charges claimed vide present Supplementary Invoice ⁵	M = K - L	₹ 41,61,77,606
ENERGY DETAILS		
Scheduled Energy (Ex-bus) to UPPCL in kWh ⁶	N	82,93,78,925
Cumulative Energy (Ex-bus) upto Dec'19 at bus-bar	O	82,93,78,925
Share in Design Energy at bus-bar	P	75,55,17,277
Primary Energy for the period in kWh	Q	75,55,17,277
Secondary Energy for the period in kWh	R	7,38,61,648
ENERGY CHARGES		
Energy Charges in terms of CERC Order dt 09.01.2020 Rs. ⁷ S = Q x I + R x 1.2		2,28,94,55,806
Energy Charges claimed as per interim order dt. 23.05.2017	T	1,85,50,33,371
Energy Charges claimed vide present Supplementary Invoice ⁷	U = S - T	43,44,22,435
Net Supplementary Invoice value for the FY 2019-2020 from 01.04.2019 to 31.12.2019 in Rs. ⁸ (Rupees Eighty Five Crores Six Lacs and Forty One Only)	V = M + U	₹ 85,06,00,041

agd. Office: 2nd Floor, Vijaya Building, 17, Barakhamba Road, Connaught Place, New Delhi 110 001

S.N.	1200 MW Teesta III Hydro-electric Project, Sikkim			Sep-19	Oct-19	Nov-19	Dec-19
1	Capacity allocated to Uttar Pradesh Power Corporation Ltd (UPPCL)	A	200				
2	Annual Fixed Cost (AFC) as approved by CERC vide Order dated 09.01.2020 in Petition No.249/GT/2016 in Rs ⁴	B	26,40,76,13,000	26,40,76,13,000	26,40,76,13,000	26,40,76,13,000	26,40,76,13,000
3	Annual Design Energy (Ex-Bus) in MWH ²	C	51,51,254	51,51,254	51,51,254	51,51,254	51,51,254
4	Free Energy to Home State in % (FEHS)	D	12	12	12	12	12
5	Installed Capacity (IC) in MW	E	1200	1200	1200	1200	1200
6	Number of Days in the period (12.05.2018 to 31.03.2019) (NDP)	F	30	31	30	31	31
7	Number of Days in the year (NDY)	G	366	366	366	366	366
8	Normative Annual Plant Availability Factor in % (NAPAF) ³	H	85	85	85	85	85
9	Energy Charge Rate (ECR) (Ex-Bus) in Rs / Kwh ⁴ [ECR = AFC X 0.5 / (C x 1000 x (100 - FEHS) / 100)]	I	2,913	2,913	2,913	2,913	2,913
I	CAPACITY CHARGES						
10	Plant Availability Factor achieved during the period (PAF), in %	J	108.339	106.694	108.009	110.000	
11	Capacity Charge for the period as per CERC Order dt 09.01.2020 ⁵ [AFC x 0.5 x NDP / NDY x (PAFM / NAPAF) x 200 / 1200] in Rs	K	₹ 22,98,07,938	₹ 23,39,64,293	₹ 22,92,07,640	₹ 24,12,13,866	
12	Capacity Charges as per interim order dt 23.05.2017	L	₹ 18,45,24,092	₹ 18,77,79,722	₹ 18,39,62,033	₹ 19,35,98,229	
13	Capacity Charges vide present Supplementary Invoice ⁵	M = K - L	₹ 4,53,83,846	₹ 4,61,84,571	₹ 4,52,45,607	₹ 4,76,15,637	
II	ENERGY DETAILS						
14	Scheduled Energy (Ex-bus) to UPPCL in KWh ⁵	N	13,20,06,500	8,46,55,925	3,09,50,750	2,91,45,000	
15	Cumulative Energy (Ex-bus) upto Dec 19 at bus-bar	O	68,46,27,250	76,92,83,175	80,02,33,925	82,93,78,925	
16	Share in Design Energy at bus-bar	P	75,55,17,217	75,55,17,217	75,55,17,217	75,55,17,217	
17	Primary Energy for the period in KWh	Q	13,20,06,500	7,08,90,027	-	-	
18	Secondary Energy for the period in KWh	R	-	1,37,65,898	3,09,50,750	2,91,45,000	
III	ENERGY CHARGES						
19	Energy Charges in terms of CERC Order dt 09.01.2020 Rs. ⁷ S = QxI+Rx1.2		38,45,34,935	22,30,21,726	3,71,40,900	3,49,74,000	
20	Energy Charges claimed as per interim order dt 23.05.2017	T	30,86,31,197	18,22,59,967	3,71,40,900	3,49,74,000	
21	Energy Charges vide this Supplementary Invoice ⁷	U = S - T	7,59,03,737	4,07,61,766	-	-	
22	Net Supplementary Invoice value in Rs. ⁸	V = M + U	₹ 12,12,87,584	₹ 8,69,46,337	₹ 4,52,45,607	₹ 4,76,15,637	

Spent

2

APPENDIX 1

S.N.	1200 MW Teesta III Hydro-electric Project, Sikkim	Apr-19	May-19	Jun-19	Jul-19	Aug-19
1	Capacity allocated to Uttar Pradesh Power Corporation Ltd (MW)	200	200	200	200	200
2	Annual Fixed Cost (AFC) as approved by CERC vide Order dated 09.01.2020 in Petition No.249/GT/2016 in Rs. ¹	26,40,76,13,000	26,40,76,13,000	26,40,76,13,000	26,40,76,13,000	26,40,76,13,000
3	Annual Design Energy (Ex-Bus) in MWh ²	51,51,254	51,51,254	51,51,254	51,51,254	51,51,254
4	Free Energy to Home State in % (FEHS)	12	12	12	12	12
5	Installed Capacity (IC) in MW	1200	1200	1200	1200	1200
6	Number of Days in the period (12.05.2018 to 31.03.2019) (NDP)	30	31	30	31	31
7	Number of Days in the year (NDY)	366	366	366	366	366
8	Normative Annual Plant Availability Factor in % (NAPAF) ³	85	85	85	85	85
9	Energy Charge Rate (ECR) (Ex-Bus) in Rs / kWh ⁴ [ECR = AFC X 0.5 / (C x 1000 x (100 - FEHS) / 1000)]	2,913	2,913	2,913	2,913	2,913
I	CAPACITY CHARGES					
10	Plant Availability Factor achieved during the period (PAF) in %	110.000	110.000	106.222	106.452	109.677
11	Capacity Charge for the period as per CERC Order dt 09.01.2020 ⁵ [AFC x 0.5 x NDP / NDY x (NAPAF / NAPAF) x 200 / 1200] in Rs	23,34,32,773	24,12,13,866	22,54,15,419	23,34,33,622	24,05,05,574
12	Capacity Charges as per interim order dt. 23.05.2017	18,72,53,124	19,35,98,229	18,09,18,396	18,73,53,806	19,30,29,754
13	Capacity Charges vide present Supplementary Invoice ⁶	4,60,79,649	4,76,15,637	4,44,97,023	4,60,79,816	4,74,75,820
II	ENERGY DETAILS					
14	Scheduled Energy (Ex-bus) to UPPCL in kWh ⁶	5,93,74,500	9,87,48,500	12,74,60,000	13,41,29,750	13,29,08,000
15	Cumulative Energy (Ex-bus) upto Dec-19 at bus-bar	5,93,74,500	15,81,23,000	28,55,83,000	41,97,12,750	55,26,20,750
16	Share in Design Energy at bus-bar	75,55,17,277	75,55,17,277	75,55,17,277	75,55,17,277	75,55,17,277
17	Primary Energy for the period in kWh	5,93,74,500	9,87,48,500	12,74,60,000	13,41,29,750	13,29,08,000
18	Secondary Energy for the period in kWh					
III	ENERGY CHARGES					
19	Energy Charges in terms of CERC Order dt 09.01.2020 Rs. ⁷ S = Oxi+Rx1.2	17,29,57,919	28,76,54,381	37,12,90,980	39,07,19,962	38,71,61,004
20	Energy Charges claimed as per interim order dt. 23.05.2017	13,88,17,581	23,08,73,993	29,80,01,480	31,35,95,356	31,07,38,904
21	Energy Charges vide this Supplementary Invoice ⁷	3,41,40,339	5,67,80,388	7,32,89,500	7,71,24,806	7,64,22,100
22	Net Supplementary Invoice value in Rs. ⁸	8,02,19,987	10,43,96,025	11,77,86,523	12,32,04,422	12,38,97,920

Signature

2

Notes:

1. Annual Fixed Charges (AFC) as approved by Hon'ble Central Electricity Regulatory Commission (CERC) vide Order dated 09-01-2020 in Petition No. 249/GT/2016 for FY 2018-19 has been considered pursuant to Regulation 10(4) of CERC (Terms and Conditions of Tariff) Regulations 2019.
2. Annual Design Energy (Ex-bus) is considered after adjusting Design Energy with normative auxiliary consumption of 1.2% as per Regulation 50(C) of CERC (Terms and Conditions of Tariff) Regulations, 2019 (Tariff Regulations 2019). Design Energy of 5213.82 MU as approved by Hon'ble CERC vide Order dated 09-01-2020 has been considered.
3. Normative Annual Plant Availability Factor (NAPAF) of 85% as approved by Hon'ble CERC vide Order dated 09-01-2020 and Regulation 50(A)(4) of CERC Tariff Regulations 2019 has been considered.
4. Energy Charge Rate (ECR) has been computed as per Regulation 44(5) of Tariff Regulations 2019. Further, Secondary Energy has been charged @ Rs.1.20/kWh. Further, vide the present Supplementary Invoice, the difference between Energy Charges computed based on Order dated 09.01.2020 and Interim Order dated 23.05.2017 has been considered.
5. Capacity Charge has been computed as per Regulation 44(2) of Tariff Regulations 2019 duly adjusted for gross Contracted Capacity of UPPCL. Further, vide the present Supplementary Invoice, the difference between Capacity Charges computed based on Order dated 09.01.2020 and Interim Order dated 23.05.2017 has been considered.
6. Scheduled Energy (Ex-bus) is as published on the website of ERLDC for the months of April 2019 to December 2019.
7. Energy Charges have been computed as per Regulation 44(4) of Tariff Regulations 2019. Further, Secondary Energy has been charged @ Rs.1.20/kWh. Further, vide the present Supplementary Invoice, the difference between Energy Charges computed based on Order dated 09.01.2020 and Interim Order dated 23.05.2017 has been considered.
8. As per Regulation 10(7) of CERC Tariff Regulations 2019, total due amount is required to be paid in six (6) equal monthly instalments. As per Regulation 59 of CERC Tariff Regulations 2019, Late Payment Surcharge @1.50% per month shall be levied in the event of delay from the Due Date mentioned above. Monthly breakup since 01.04.2019 to 31.12.2019 is at Appendix 1.
9. UPPCL vide letter dated 07-03-2018 has agreed to the commercial waiver of PTC/TUL that in the event final tariff determined by CERC is higher than the interim tariff, PTC/TUL will not claim any interest on the difference between final and interim tariff payments. Accordingly, TUL vide the present Supplementary Invoice has not claimed any interest on the difference between final and interim tariff payments. Accordingly, TUL vide the present Supplementary Invoice has not claimed any interest on the difference between final and interim tariff payments which amounts to Rs.4.13 Crores (details at Appendix 2).
10. TUL vide letter dated 21-03-2018 has agreed that TUL shall waive all its rights (legal and contractual) to claim the difference between the revenue from the sale of power under short term corresponding to the Contracted Capacity of UPPCL and the provisional tariff/ final tariff for the period from COD of the Project and upto the date of commencement of scheduling by UPPCL (i.e. from 28.02.2017 to 11.05.2018).

It is requested to pay the due amount to Teesta Urja Limited through NEFT / RTGS to following bank accounts details:

Bank Details:

Beneficiary Account Name: **TEESTA URJA LIMITED**

Bank Name and Address: **PUNJAB NATIONAL BANK, Large Corporate Branch, Tolstoy House, New Delhi-110001**

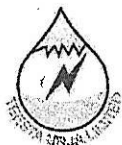
Beneficiary Account No & IFSC Code: **2164002900001113 & PUNB0216400**

For Teesta Urja Limited

General Manager (PS & R)

(Inderjit Singh)

L2005SGC133875



Fax: +91-11-46529744
Email: info@teestaurja.com

TEESTA URJA LIMITED

(A Government of Sikkim Enterprise)

BILL OF SUPPLY

GSTIN 11AACCT2402L1ZT: PAN - AACCT2402L

Project Office Address: C- 75, Power Colony, Mangan, North Sikkim - 737116

Invoice No.: T/PTC/UP/1920/10

Date: 04-02-2020

Due Date:

Six Equal Monthly Instalments from 04-02-2020

Bill To: PTC India Limited

2nd Floor, NBCC Tower, 15, Bhikaji Cama Place, New Delhi - 110066

GSTIN - 07AABCP7947F1Z8

Delivery Point: Teesta III HEP (bus-bar)

HSN CODE

2716 00-00

Description of Good

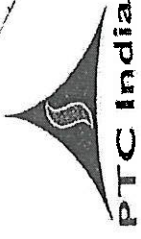
Electrical Energy

Ref: Power Purchase Agreement (PPA) between Teesta Urja Ltd. (TUL) & PTC India Ltd. (PTC) dt. 28.07.2006 and back-to-back Power Sale Agreement (PSA) between PTC and Uttar Pradesh Power Corporation Ltd. (UPPCL) dt. 27.09.2006

S.N.	1200 MW Teesta III Hydro-electric Project, Sikkim SUPPLEMENTARY INVOICE		01.04.2019 to 31.12.2019
1	Capacity allocated to Uttar Pradesh Power Corporation Ltd (MW)	A	200
2	Annual Fixed Cost (AFC) as approved by CERC vide Order dated 09.01.2020 in Petition No.249/ GT/ 2016 in Rs ¹	B	26,40,76,13,000
3	Annual Design Energy (Ex-Bus) in MWH ²	C	51,51,254
4	Free Energy to Home State in % (FEHS)	D	12
5	Installed Capacity (IC) in MW	E	1200
6	Number of Days in the period (NDP)	F	275
7	Number of Days in the year (NDY)	G	366
8	Normative Annual Plant Availability Factor in %-(NAPAF) ³	H	85
9	Energy Charge Rate (ECR) (Ex-Bus) in Rs / kWh ⁴ [ECR = AFC X 0.5 / (C x 1000 x (100 - FEHS) / 100)]	I	2.913
I	CAPACITY CHARGES		
10	Plant Availability Factor achieved during the period (PAF), in %	J	As at Appendix 1
11	Capacity Charge for the period as per CERC Order dt 09.01.2020 ⁵ [AFC x 0.5 x NDP / NDY x (PAFM / NAPAF) x 200 / 1200] in Rs	K	₹ 2,10,82,94,991
12	Capacity Charges claimed as per interim order dt. 23.05.2017	L	₹ 1,69,21,17,385
13	Capacity Charges claimed vide present Supplementary Invoice ⁵	M = K - L	₹ 41,61,77,606
II	ENERGY DETAILS		
14	Scheduled Energy (Ex-bus) to UPPCL in kWh ⁶	N	82,93,78,925
15	Cumulative Energy (Ex-bus) upto Dec'19 at bus-bar	O	82,93,78,925
16	Share in Design Energy at bus-bar	P	75,55,17,277
17	Primary Energy for the period in kWh	Q	75,55,17,277
18	Secondary Energy for the period in kWh	R	7,38,61,648
III	ENERGY CHARGES		
19	Energy Charges in terms of CERC Order dt 09.01.2020 Rs. ⁷ S = Q x I + R x 1.2		2,28,94,55,806
20	Energy Charges claimed as per interim order dt. 23.05.2017	T	1,85,50,33,371
21	Energy Charges claimed vide present Supplementary Invoice ⁷	U = S - T	43,44,22,435
22	Net Supplementary Invoice value for the FY 2019-2020 from 01.04.2019 to 31.12.2019 in Rs. ⁸ (Rupees Eighty Five Crores Six Lacs and Forty One Only)	V = M + U	₹ 85,06,00,041

Regd. Office: 2nd Floor, Vijaya Building, 17, Barakhamba Road, Connaught Place, New Delhi 110 001

Tel: +91-11-46529600/46529700, Website: www.teestaurja.com



CERTIFICATE OF ENERGY SUPPLIED FROM TEESTA TO UPPCL
01-APR-2019 to 31-Dec-2019

Date: 05-02-2020

Month	Capacity Charge already billed (Rs.)	Energy Charge already billed (Rs.)	Capacity Charges on account of CERC order dated 09-Jan-2020 (Rs.)	Energy Charges on account of CERC order dated 09-Jan-2020 (Rs.)	Differential Capacity Charge amount (Rs.)	Differential Energy Charge amount (Rs.)	Total Differential Amount (Rs.)
	A	B	C	D	E=C-A	F=D-B	G=E+F
Apr-19	18,73,53,124	13,88,17,581	23,34,32,773	17,29,57,919	4,60,79,649	3,41,40,338	8,02,19,987
May-19	19,35,98,229	23,08,73,993	24,12,13,866	28,76,54,381	4,76,15,637	5,67,80,388	10,43,96,025
Jun-19	18,09,18,396	29,80,01,480	22,54,15,419	37,12,90,980	4,44,97,023	7,32,89,500	11,77,86,523
Jul-19	18,73,53,806	31,35,95,356	23,34,33,622	39,07,19,962	4,60,79,816	7,71,24,606	12,32,04,422
Aug-19	19,30,29,754	31,07,38,904	24,05,05,574	38,71,61,004	4,74,75,820	7,64,22,100	12,38,97,920
Sep-19	18,45,24,092	30,86,31,197	22,99,07,938	38,45,34,935	4,53,83,846	7,59,03,738	12,12,87,584
Oct-19	18,77,79,722	18,22,59,961	23,39,64,293	22,30,21,726	4,61,84,571	4,07,61,765	8,69,46,336
Nov-19	18,39,62,033	3,71,40,900	22,92,07,640	3,71,40,900	4,52,45,607	0	4,52,45,607
Dec-19	19,35,98,229	3,49,74,000	24,12,13,866	3,49,74,000	4,76,15,637	0	4,76,15,637
Total	1,69,21,17,385	1,85,50,33,372	2,10,82,94,991	2,28,94,55,807	41,61,77,606	43,44,22,435	85,06,00,041

85,06,00,041 Rs.

Total Amount payable by UPPCL

Manager(Shift)

NOTE: 1. REVISION IS DUE TO CHANGE IN AFC (Rs. 21,19,47,48,000 to Rs. 26,40,76,13,000) as per CERC Order dated 09.01.2020

2. Amount is payable in Six(6) Equal Monthly Installments from the date of this Supplementary Invoice.

OFFICE OF THE
SUPERINTENDING ENGINEER
ELECTRICITY IMPORT EXPORT & PAYMENT CIRCLE
11th FLOOR, SHAKTI BHAWAN EXTN.
14 - ASHOK MARG, LUCKNOW
(FAX NO. 0522 - 2287835)

No. 2173 EIE&PC/TRN

Date 09 JUN 2021

Subject: Verification of Bill (Due to Change in Law) for power supplied to UPPCL from TRN ENERGY

Executive Director (F. & A.)
U. P. Power Corporation Ltd.
Shakti Bhawan
14- Ashok Marg
Lucknow

Bill raised by M/s TRN ENERGY on account of Change in Law for power supplied to UPPCL from TRN ENERGY for the period mentioned below is verified as per details given below-

Bill Ref.	PTC/Comm/ITRN-UPPCL/ dated 22/07/2020			
Bill Presentation Date	Diary No. 3460 dated 28/07/2020			
Date of receipt Supplementary documents	Diary No. 1942 dated 03/05/2021			
DESCRIPTION	PERIOD	AMOUNT BILLED (Rs.)	AMOUNT VERIFIED (Rs.)	REMARKS
Bill raised (Due to Change in Law) as per CERC order dt. 12.08.2019 in petition No. 118/MP/2018	Apr-19 To Mar-20	1020419349	683801323	Annexure-A (Enclosed)
Total		1020419349	683801323	

Verified for Rs:- Sixty Eight Crore Thirty Eight Lakh One Thousand Three Hundred and Twenty Three Only.

E.&O.E.

Encl.: As above

AE 3/6/21

EE 6/6/21

AO 09/06/21

S.E. 09/06/21

Date 09 JUN 2021

No. 2173 EIE&PC/TRN

Copy forwarded for information & necessary action to:-

- 1 ED (Power Management Cell), UPPCL, SLDC Building, Vibhuti Khand, Gomti Nagar Lucknow-226010.
- 2 CE (Planning) 3rd Floor, Shakti Bhawan Extn, Lucknow in reference to their letter 1530 dt. 30.09.2019
- 3 CE (RAU), UPPCL, 15th Floor, Shakti Bhawan Extension, Lucknow.
- 4 AO, EIE&PC, UPPCL, 11th Floor, Shakti Bhawan Extn., Lucknow alongwith copy of invoice.
- 5 M/s PTC INDIA LTD, 2nd Floor, NBCC Tower, 15, Bhikaji Cama New Delhi-66.
- 6 EE, Rishabh Dev, EIE&PC, UPPCL, 11th Floor, Shakti Bhawan Extn., Lucknow alongwith copy of invoice.

Encl.: As above

(ALOK MEHROTRA)
Superintending Engineer

ANNEXURE -A

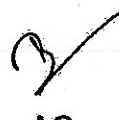
Sr. No	Period	Amount (Rs in Crores)
1	Dec-16 To Mar-19	102.0419349
		102.0419349

Deductions

Sr. No	Heads	Amount (Rs in Crores)
1	Royalty on Coal (DMF, NMET)	4.28
2	Forest Tax	-
3	Environment Cess and Infrastructure Development Cess	-
4	Central Excise Duty	4.59
5	Entry Tax	-
6	Vat	-
7	Clean Energy/Environment Cess and GST Compensation Cess	0.0042
8	Electricity Duty on Auxiliary Consumption	2.60
9	Consent Fees	-
10	Evacuation Facility Charges	-
11	Reduction in Coal Supply- NCDP	13.60
12	Carrying Cost	8.12
13	Grade Slippage Compensation	0.4700
	Total	33.6618026
	Disallowance	336618026

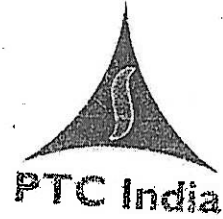

 AE


 EE


 AO



PAID



Ref: PTC/Comm/1/TRNEPL-UPPCL/

Dated: 22.07.2020

The Superintending Engineer,
Electricity Import Export and Payment Circle,
Uttar Pradesh Power Corporation Limited,
Shakti Bhawan Extension, Room No. 1105,
14, Ashok Marg Lucknow-226001

Subject: Supplementary invoice towards change in law events for the period April'2019 to March'2020 for the supply of Power from TRNEPL to UPPCL under Case I PPA through PTC.

Ref: CERC order dated 12.06.2019 in petition no. 118/MP/2018

Dear Sir,

This is in reference to supply of power from TRNEPL to UPPCL through PTC under PPA dated 25 July 2013 between PTC India Limited and UPPCL

In this regard, it is to inform TRNEPL has submitted supplementary invoice no: TRNEPL/PTC/20-21/3229 dated 20-July-2020 for an amount of Rs. 1,02,04,19,349/- towards Change in Law events as per CERC order dated 12.06.2019 for the for the period April'2019 to March'2020. The summary of the bills is as per the table below:

S. No.	Financial Year	Change in Law (Rs)	Carrying cost (Rs)	Total (Rs)
1	2019-20	93,92,12,750	8,12,06,599	1,02,04,19,349

Same is being forwarded with PTC Invoice No: PTC/5203660 Supplementary Invoicedated 22.07.2020 and C/PTC/TRN/UPPCL/CC/19-20 dated 22.07.2020 along with supporting documents for your consideration and necessary action please

Thanking you.

Yours faithfully,

(Signature)
(Rakesh Jaitly)

Encl: As Above

EE (RD)

28/7/20

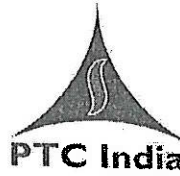
3460 28/7/20

PTC India Limited

(Formerly known as Power Trading Corporation of India Limited)

CIN : L40105DL1999PLC099328

2nd Floor, NBCC Tower, 15 Bhikaji Cama Place New Delhi - 110 066 Tel: 011- 41659500, 41595100, 46484200, Fax: 011-41659144
E-mail: info@ptcindia.com Website: www.ptcindia.com



Dated: 29.04.2021

PTC/Comm1/TRNEPL-UP/

Superintending Engineer,
Electricity Import Export Circle,
Uttar Pradesh Power Corporation Limited
Shakti Bhawan Extension, Room No. 1105
14, Ashok Marg Lucknow 226001

Sub: Submission of Claim against Change in Law events for Supply of power from TRNEPL to UPPCL through PTC

- Ref: 1. CERC order dated 12.06.2019 in petition no. 118/MP/2018.
2. TRNEPL Letter No: TRNEPL/PTC/ 20-21/3229 dated 20.07.2020
3. PTC Letter No: PTC/Comm1/TRNEPL -UPPCL/ dated: 22.07.2020
4. UPPCL Letter No: 2922/EIE&PC/PTC dated 05.08.2020
5. PTC Mail dated 07.08.2020
6. UPPCL Letter No: 5174/EIE&PC/PTC dated 26.11.2020
7. UPPCL Mail dated 30.01.2021
8. UPPCL Letter No: 648/EIE&PC/PTC dated 03.03.2021

Dear Sir,

With reference above subject matter, it is to inform that PTC had submitted Change in law claims vide its letter no. PTC/Comm1/TRNEPL-UP/ dated 22.07.2020 for the period April'2019 to March'2020. UPPCL vide its letter no. 5174/EIE&PC/PTC dated 26.11.2020 had raised 2nd set of queries regarding CIL bills of FY 2019-20 and requested PTC/TRNEPL to submit documents/clarification. In this regard, it is to mention that PTC has taken up the matter with the TRNEPL for providing the documents/clarification sought by UPPCL.

Accordingly, TRNEPL vide their letter dated 28.04.2021 (copy enclosed) has submitted the required documents/clarification along with point wise replies on the matters raised by UPPCL vide its letter dated 26.11.2020. The same is forwarded to UPPCL for consideration and necessary action please.

Thanking You.

Yours Faithfully,

(H.L. Choudhary)
Sr. VP (Commercial)

Enclosure: As Above

PTC India Limited

(Formerly known as Power Trading Corporation of India Limited)

CIN : L40105DL1999PLC099328

2nd Floor, NBCC Tower, 15 Bhikaji Cama Place New Delhi - 110 066 Tel: 011- 41659500, 41595100, 46484200, Fax: 011-41659144

E-mail: info@ptcindia.com Website: www.ptcindia.com

द्वयरी सं. 19423/03/05/21 वि.आ.नि.००००

EE	AE	AO
B.S. D.D.O.	D.D.	B.B.M.
A.K.S.	D.K.	A.K.S.
R.N.S.K.	A.K.	
R.S.	V.K.	
S.G.	A. Sharma	
S.G.	A. Singh	
R.D.		

AM
S.E.



उत्तर प्रदेश पावर कारपोरेशन लिमिटेड
(30 प्रो सरकार का उपक्रम)
U.P. POWER CORPORATION LIMITED
(Govt. of Uttar Pradesh Undertaking)
CIN: U32201UP1999SGC024928

Regulatory Affairs Unit
15th Floor, Shakti Bhawan Extension,
14-Ashok Marg, Lucknow 226001.
Phone: (0522) 2286519
Email: arrtariffupcl@gmail.com
Fax : (0522) 2287860

रेगुलेंटरी अफेयर्स इकाई
15^{वाँ} तल, शक्ति भवन विस्तार,
14-अशोक मार्ग, लखनऊ 226001
दूरभाष : (0522) 2286519
Email: arrtariffupcl@gmail.com
फैक्स : (0522) 2287860

Dated: 28 June, 2021

No. 219 /RAU/IT

The Secretary,
U.P. Electricity Regulatory Commission,
Vidyut Niyamak Bhawan,
Vibhuti Khand, Gomti Nagar,
Lucknow.S

Sub : 1st Information Requirement/Discrepancies/Data Gaps w.r.t. Detailed Project Report Submitted by KESCO regarding improvement in Information Technology based infrastructure Projects at UPPCL and its Discoms.

Sir,

It is to be submitted that the letter no. UPERC/Secy/VCA/2021-106 dt. 18-05-2021 of Hon'ble Commission on the above subject was related to all the Discoms in reference to the schemes submitted by Discoms on 16th June, 2020. Though this letter was addressed to Kesco and UPPCL only, all the Discoms have submitted desired details mentioning the reference of this letter. The status of schemes submitted by Discoms are as below :

Amount Rs. Cr.

Sl. No	Description	MVVNL	DVVNL	PVVNL	PVVNL	KESCO	UPPCL
1	Cloud Portal Consolidation	5.40	5.40	5.40	5.40	5.40	27.00
2	Technology Refresh at DC and DR	6.60	6.00	6.50	6.00	0.00	25.00
3	Cyber Security Operation Center (CSOC) Implementation	15.50	12.00	11.50	16.50	0.00	55.50
4	Procurement of Email Solution with Windows and Antivirus	9.23	8.33	10.50	10.87	1.83	40.75
5	Procurement of Computers at Substations	14.40	15.05	9.58	14.40	0.63	54.95
6	ERP Implementation	25.48	25.68	30.97	29.67	15.75	128.95
7	ERP Additional Modules Implementation	7.75	7.75	7.75	7.75	1.10	32.10
8	Procurement of Desktop/Laptop and Printers for Officers/JE's	10.10	10.14	19.62	14.14	2.63	56.63
9	RTDAS Implementation at Rural areas	19.40	25.61	29.37	24.95	0.00	99.32
10	GIS Based Network Survey of RAPDRP areas and Change Management at RAPDRP and IPDS towns	10.83	7.85	12.50	9.47	0.00	48.65
11	GIS Based Network Survey in Rural areas	20.37	16.29	24.20	22.10	0.00	83.01
12	Augmentation of Hardware and Software for GIS Implementation	11.39	8.86	9.29	12.67	0.00	42.21
13	Augmentation of Hardware and Software for GIS Implementation	34.04	23.78	27.07	37.23	2.72	125.72
14	GIS Based Consumer Indexing for Consumers	4.75	4.75	4.75	4.75	0.00	19.00
15	Customer Care Centre Expansion	11.93	12.55	18.36	12.71	1.61	57.17
16	Establishment of Meter & Modem at 11KV Outgoing Feeders in Rural areas	34.00	21.60	92.00	30.68	0.00	178.26
17	Installation of Smart Meter & Modem at DT's in RAPDRP areas	5.00	0.50	1.32	1.00	0.00	7.83
18	Data Digitization for ERP System	92.94	105.65	308.28	183.91	0.00	698.78
19	SCADA Implementation	2.50	2.50	2.50	2.50	1.50	11.49
20	P2P Energy Trading Platform	50.96	0.00	0.00	0.00	0.00	56.86
21	Establishment of Meter and Modem at 33/11KV Feeder/Sub-station and Double Metering of Consumers	3.50	3.50	3.50	3.50	1.91	15.92
22	Customer Care Center Outage Management System (1912) Upgradation	401.97	323.78	635.91	449.57	35.07	1846.30
	Total Amount						

The Discoms have provided cost benefit analysis on the format provided by Hon'ble Commission last year. This is the first submission of cost benefit analysis and licensees will prepare other schemes for prior approval on the basis of the mechanism as approved by Hon'ble Commission for these IT capex schemes.

Thanking you.

Yours faithfully,

(Niraj Aggarwal)
Chief Engineer (RAU)



KANPUR ELECTRICITY SUPPLY CO. LTD.
14/71, CIVIL LINES, KESA HOUSE, KANPUR

FINANCIAL YEAR 2020-21

Number of Substation as on date 01.04.2020----- 95 nos.

Number of Substation as on date 31.03.2021----- 93 nos.

Number of Distribution Transformer + Substation as on date 01.04.2020----- 5054 nos.

Number of Distribution Transformer + Substation as on date 31.03.2021----- 5109 nos.

Number of Feeder (metered) as on 31.03.2021----- 528 nos.

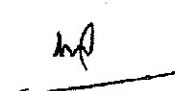
Number of Feeder (unmetered) as on 31.03.2021----- 0 nos.

Total number of Feeders as on 31.03.2021 ----- 528 nos.

Number of Distribution Transformer (metered) as on 31.03.2021----- 5109 nos.

Number of Distribution Transformer (unmetered) as on 31.03.2021----- 0 nos.

Total number of Distribution Transformer as on 31.03.2021----- 5109 nos.


P.A. (T), KESCO



कानपुर विद्युत आपूर्ति कम्पनी लि०
39/39, सिविल लाइन्स, केसा हाउस, कानपुर

Mob.-(+91) 9839108666
Fax-0512-2530216
Email- kescopac@gmail.com
Web- www.kesco.co.in

KESCO: ONE TIME SETTLEMENT (OTS) REPORT

Particulars		FY 2018-19	FY 2019-20	FY 2020-21
1	No. of Consumers	7701	10638	5974
2	Surcharge Waived Off Amount (in Rs Lakh)	527.00	244.57	316.13
3	Rebate in Revenue (in Rs Lakh)	527.00	244.57	316.13
4	Revenue Collected (in Rs Lakh)	954.78	1011.64	623.28

h

[Signature]
Personal Assistant (Comm)