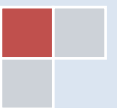


# **MADHYANCHAL VIDYUT VITRAN NIGAM LIMITED**

**TRUE-UP PETITION FOR FY 2023-24  
APR PETITION FOR FY 2024-25 AND  
ARR PETITION FOR FY 2025-26 OF  
THE CONTROL PERIOD FROM FY  
2025-26 TO FY 2029-30**

**MADHYANCHAL VIDYUT VITARAN NIGAM  
LIMITED**



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## List of Abbreviations

Abbreviation	Full Form
A&G	Administration & General
ACoS	Average Cost of Supply
Act	The Electricity Act, 2003
APR	Annual Performance Review
ARR	Aggregate Revenue Requirement
ATE	Appellate Tribunal of Electricity
BPL	Below Poverty Line
BST	Bulk Supply Tariff
CAGR	Compound Annualized Growth rate
Capex	Capital Expenditure
CEA	Central Electricity Authority
CERC	Central Electricity Regulatory Commission
CGRF	Consumer Grievance Redressal Forum
CGS	Central Generating Stations
COD	Commercial Operation Date
Commission	Uttar Pradesh Electricity Regulatory Commission
Cr	Crore
DBST	Differential Bulk Supply Tariff
Discom/DisCom	Distribution Company
DSM	Deviation Settlement Mechanism
EA 2003	The Electricity Act, 2003
EHT	Extra High Tension
ERP	Enterprise Resource Planning
FPPCA	Fuel and Power Purchase Cost Adjustment
FSA	Fuel Surcharge Adjustment
FY	Financial Year
GFA	Gross Fixed Assets
GoUP	Government of Uttar Pradesh
HP	Horsepower
HT	High Tension
IEX	Indian Energy Exchange Limited
IPDS	Integrated Power Development Scheme
IPP	Independent Power Producer

Abbreviation	Full Form
ISTS	Inter-State Transmission System
KVA	Kilo Volt Ampere
kWh	Kilo Watt Hour
LT	Low Tension
MOD	Merit Order Dispatch
MU	Million Units
MW	Mega Watt
MYT	Multi-Year Tariff
NFA	Net Fixed Assets
NTPC	National Thermal Power Corporation
O&M	Operation and Maintenance
PGCIL	Power Grid Corporation of India Ltd.
PLF	Plant Load Factor
PLR	Prime Lending Rate
POSOCO	Power System Operation Corporation Limited
PPA	Power Purchase Agreement
R&M	Repair and Maintenance
R-APDRP	Restructured Accelerated Power Development and Reforms Programme
REC	Renewable Energy Certificate
RLDC	Regional Load Dispatch Centre
RoE	Return on Equity
RPO	Renewable Purchase Obligation
SBI PLR	SBI Prime Lending Rate
SERC	State Electricity Regulatory Commission
SLDC	State Load Dispatch Centre
SLM	Straight Line Method
SOP	Standard of Performance
T&D	Transmission & Distribution
UI	Unscheduled Interchange
UPERC	Uttar Pradesh Electricity Regulatory Commission
WDV	Written Down Value



# **1. Background and Procedural History**

## **1.1. Background**

- 1.1.1. Madhyanchal Vidyut Vitaran Nigam Limited (hereinafter referred as 'Lucknow Discom' or 'MVVNL') came in to existence in 2003 as a subsidiary company of UPPCL and is responsible for power distribution in Discom covering its jurisdiction area of districts Badaun, Bareilly, Pilibhit, Shahjahanpur, Lakhimpur, Hardoi, Sitapur, Unnao, Bahraich, Shrawasti, Balrampur, Gonda, Barabanki, Rae Bareli, Faizabad, Sultanpur, Ambedkarnagar, Lucknow and Chhatrapati Sahuji Maharaj Nagar.

## **1.2. Distribution Tariff Regulations**

- 1.2.1. Hon'ble Commission vide letter number UPERC/Secy/D(T)/2024-1108, dated 13th November 2024 informed that , the Commission is in the process of framing the regulations for next control period i.e.; from FY 2025-26 to 2029-30 and ARR FY2025-26 will be determined based on the principles contained in the MYT Regulation for the next control period i.e. FY2025-26 to FY2029-30 whereas UPERC (Multi Year Tariff for Distribution and Transmission) Regulations, 2019 will be applicable for tariff petition of True-up for FY 2023-24, APR for FY 2024-25.

## **1.3. Petitions and Orders till now during the CP from FY 2020-21 to FY 2024-25**

- 1.3.1. The Petitioner had submitted its Business Plan Petition for the Control Period from FY 2020- 21 to FY 2025-26 on February 28, 2020 and ARR and Tariff Petition for FY 2020-21 (including True-up for FY 2018-19 and APR for FY 2019-20) on June 30, 2020. In response to the same, the Hon'ble Commission has issued Business Plan Order on October 27, 2020 and Order for True-up for FY 2018-19, APR for FY 2019-20 and ARR & Tariff for FY 2020-21 on 11 November 2020.
- 1.3.2. The Petitioner submitted its ARR and Tariff Petition for FY 2021-22 (including True-up for FY 2019-20, APR for FY 2020-21) on Feb 22, 2021. In response to the same, the Hon'ble Commission issued its Order for True-up for FY 2019-20, APR for FY 2020-21 and ARR & Tariff for FY 2021-22 on July 29, 2021.
- 1.3.3. The Petitioner submitted its ARR and Tariff Petition for FY 2022-23 (including True-up for FY 2020-21, APR for FY 2021-22) on March 08, 2022.
- 1.3.4. Hon'ble Commission has issued Order for True-up for FY 2020-21, APR for FY 2021-22 and ARR & Tariff for FY 2022-23 on July 20, 2022.
- 1.3.5. The Petitioner submitted its ARR and Tariff Petition for FY 2023-24 (including True-up for FY 2021-22, APR for FY 2022-23) on January 09, 2023.
- 1.3.6. Hon'ble Commission has issued Order for True-up for FY 2021-22, APR for FY 2022-23 and ARR & Tariff for FY 2024-25 on May 24, 2023.

- 1.3.7. The Petitioner submitted its ARR and Tariff Petition for FY 2024-25 (including True-up for FY 2022-23, APR for FY 2023-24) on November 30, 2023.
- 1.3.8. The Hon'ble Commission issued its Order on October 10, 2024, covering the True-up for FY 2022-23, APR for FY 2023-24, and ARR & Tariff for FY 2024-25. The Hon'ble Commission, via its letter dated November 13, 2024, directed the Discoms to file the True-up for FY 2023-24, APR for FY 2024-25, and ARR & Tariff for FY 2025-26 by 30<sup>th</sup> November 2024 in accordance with the provisions of the MYT Regulations 2019.

#### ***1.4. ARR Petition for FY 2025-26, APR for FY 2024-25 & True-up for FY 2023-24***

- 1.4.1. The Petitioner is hereby submitting the True up for FY2023-24 on the basis of audited Balance sheet, Annual Performance Review (APR) for FY 2024-25 and Aggregate Revenue Requirement Petition for FY 2025-26 as per direction provided in UPERC letter no. UPERC/Secy/D(T)/2024-1108 dt. 13.11.2024.

## 2. True Up for FY 2023-24

### 2.1. Consumption Parameters: Consumer Numbers, Connected Load and Sales

2.1.1. The actual overall consumption parameters for FY 2023-24 is in the range of the numbers approved by the Hon'ble Commission vide its Tariff Order dated 24.05.2023. Further, Sales is derivative of demand which is also uncontrollable in nature due to which variation in sales has been noticed in certain categories as mentioned in below table. The Category-wise approved consumption parameters vis-à-vis actual consumption parameters for FY 2023-24 is shown in the Table below:

**TABLE 2-1: ACTUAL CONSUMPTION PARAMETERS FOR FY 2023-24**

Category	Approved			Actual		
	Consumers (Nos)	Load (kW)	Sales (MU)	Consumers (Nos)	Load (kW)	Sales (MU)
LMV-1 Domestic Light Fan & Power	8980584	11022307	13296.71	86,92,591.00	1,14,33,008.50	13,127.24
LMV-2-Non Domestic Light Fan & Power	461316	1387933	2038.47	5,33,773.00	15,03,072.22	2,396.63
LMV-3 Public Lamps	974	86397	337.01	10,978.00	68,878.79	501.99
LMV-4 Light, Fan & Power for Public/Private Institution	38681	183103	330.47	1,00,154.00	2,78,296.22	554.59
LMV-5 Private Tube Well/Pumping Sets	277876	1666927	3048.57	2,92,426.00	13,87,111.68	2,582.57
LMV-6 Small & Medium Power upto 100 hp/75kw	35324.4	384499	566.09	24,495.00	3,13,009.35	424.40
LMV-7 Public Water Works	15840	276654	1397.02	15,846.00	2,41,401.63	760.13
LMV-9 Temporary Supply	9206	25190	33.93	13,363.00	33,646.15	50.67
LMV- 10 Departmental Employees	25,342	83,194	165	-	-	-
LMV -11 Electrical Vehicles	34	7162	6.23	327.00	11,103.00	15.47
HV-1 Non Industrial Bulk Load	1551	525865	1005.96	1,836.00	5,62,139.64	1,157.65
HV-2 Large & Heavy Power above 100 BHP (75 kW)	2555.6	932550	1969.32	2,801.00	9,76,942.51	2,431.07
HV-3 Railway Traction	2	9334	38.06	2.00	12,000.00	16.82
HV-4 Lift Irrigation & P. Canal above 100BHP (75kW)	35.343	30734	81.03	17.00	23,663.83	45.25
Extra State Consumer	1	5000	19.85	19.85	1.00	5,000.00
<b>Total</b>	<b>9849322</b>	<b>16626850</b>	<b>24333.50</b>	<b>24,333.50</b>	<b>96,88,610.00</b>	<b>1,68,49,273.52</b>

2.1.2. Further, as directed by the Hon'ble Commission in its Tariff Order dated 24.05.2023, the Petitioner has taken care about booking of Sales under unmetered categories. The Sales booked under the unmetered categories are

as per the norms approved by the Hon'ble Commission in its order dated 09.12.2016.

- 2.1.3. The Hon'ble Commission is requested to approve the actual consumption parameters as submitted in the above table.

## 2.2. Distribution Losses

- 2.2.1. The state-owned distribution licensees in Uttar Pradesh are in the process of formulating the Revamped Distribution Sector Scheme (RDSS) for the State. Based on the submissions made by the licensees, the Hon'ble Commission has approved the distribution loss trajectory under RDSS for FY 2023-24 onwards. Furthermore, the actual distribution loss of the Discom, as reflected in the Balance Sheet for FY 2023-24, is within the loss trajectory approved by the Hon'ble Commission. MVVNL has calculated the energy balance based on the actual loss recorded in the Balance Sheet for FY 2023-24. The approved and actual distribution losses are as follows:

**TABLE 2-2 DISTRIBUTION LOSS TRAJECTORY AS PER ACTION PLAN**

Distribution Loss	Approved	As per Balance Sheet
MVVNL	15.23%	14.96%

- 2.2.2. The actual voltage-wise distribution losses are submitted below for kind perusal of the Hon'ble Commission.

**TABLE 2-3 ACTUAL DISCOM LOSSES IN LT & HT SYSTEM FOR CONTROL PERIOD FY 2023-2024**

S.No.	Voltage Level	Actual (MUs)
A	<b>System Losses At 220 kV</b>	
1	Energy received into the system	15.40
2	Energy sold at this voltage level	15.40
3	Energy transmitted to the next (lower) voltage level	0.00
4	Energy Lost	0.00
5	<b>Total Loss in the system (4/1)*100%</b>	<b>0.00%</b>
B	<b>System Losses At 132 kV</b>	
1	Energy received into the system	176.87
2	Energy sold at this voltage level	176.78
3	Energy transmitted to the next (lower) voltage level	0.00
4	Energy Lost	0.09
5	<b>Total Loss in the system (4/1)*100%</b>	<b>0.05%</b>
C	<b>System Losses At 33 kV</b>	
1	Energy received into the system	28,120.84
2	Energy sold at this voltage level	635.44
3	Energy transmitted to the next (lower) voltage level	26,462.38
4	Energy Lost	1,023.01
5	<b>Total Loss in the system (4/1)*100%</b>	<b>3.64%</b>

S.No.	Voltage Level	Actual (MUs)
D	<b>System Losses at 11 kV</b>	
1	Energy received into the system	26,462.38
2	Energy sold at this voltage level	20,584.10
	Energy transmitted to the next (lower) voltage level	3,136.54
3	Energy Lost	2,741.74
4	<b>Total Loss in the system (4/1)*100%</b>	<b>10.36%</b>
E	<b>System Losses at LT</b>	
1	Energy received into the system	3,136.54
2	Energy sold at this voltage level	2,665.74
3	Energy Lost	470.79
4	<b>Total Loss in the system (4/1)*100%</b>	<b>15.01%</b>
F	<b>Overall Losses</b>	
1	<b>Energy In</b>	<b>28,313.10</b>
2	<b>Energy Out</b>	<b>24,077.46</b>
3	<b>Total T&amp;D Loss ((1-2)/1)*100%</b>	<b>14.96%</b>

### 2.3. Energy Balance

2.3.1. The Energy Balance approved by the Hon'ble Commission vis-à-vis actual/claimed Energy Balance for FY 2023-24 is shown in the Table below:

**TABLE 2-4 : ENERGY BALANCE FOR FY 2023-24**

Particulars	Approved in T.O. dt. 24.05.2023	Actual / Claimed
Retail Sales	24,333.50	24,077.49
Distribution Losses	10.26%	14.96%
Energy at Discom Periphery for Retail Sales	27,115.56	28,313.14
Intra-State Transmission Losses	3.22%	3.22%
Energy Available at State periphery for Transmission	28,017.73	29,255.16
Energy Purchase from Stations connected to Intra-State Transmission network (UPPTCL)	20,009.70	19,206.07
Energy Purchase from Stations connected to Inter-State Transmission network (PGCIL)	8,008.03	10,049.09
Inter-State Transmission Loss	3.77%	6.29%
Net Energy Received from Stations connected to Inter-State Transmission network at UPPTCL Periphery (Ex-Bus)	8,295.89	10,723.07
<b>Power Purchase Required &amp; Billed Energy (MU) (Ex-Bus)</b>	<b>28,305.59</b>	<b>29,929.14</b>



## 2.4. Power Purchase Expenses

- 2.4.1. UPPCL is procuring power on behalf of Discoms at consolidated level. Accordingly, the Power Purchase section represents the consolidated power purchase at UPPCL level. The power purchased at UPPCL level is then allocated to DISCOMS on the basis of DBST methodology approved by Hon'ble Commission. Generating Station wise breakup of quantum and details of consolidated power purchase cost for UP discoms for FY 2023-24 is as follows:

**TABLE 2-5 GENERATING STATION-WISE POWER PURCHASE COST FOR FY 2023-24**

S.No	Source of Power (Station wise)	FY 2023-24									
		Units (MU)	Annual Fixed Charges		Annual Energy/ Variable charge		Annual Other Cost	Late payment		Total cost	
			(Rs. / kWh)	(Rs. Cr.)	(Rs. / kWh)	(Rs. Cr.)	(Rs. / kWh)	(Rs. Cr.)	(Rs. Cr.)	(Rs. / kWh)	(Rs. Cr.)
A	Long term Sources										
a	Power procured from own Generating Stations (if any)										
b	From State Generating Stations Thermal										
1	ANPARA-A	3,431.39	0.20	69.80	2.33	799.39	0.53	183.25	0	3.07	1,052.44
2	ANPARA-B	5,600.43	0.47	262.95	2.01	1123.85	0.08	42.12	0	2.55	1,428.92
3	ANPARA-D	6,848.83	1.59	1,088.75	1.99	1363.10	0.05	33.64	0	3.63	2,485.49
4	HARDUAGANJ	297.41	7.00	208.10	5.09	151.48	3.39	100.94	0	15.48	460.53
5	HARDUAGANJ EXT.	2,207.48	1.97	434.38	4.26	940.80	0.02	4.58	0	6.25	1,379.75
6	HARDUAGANJ EXT. Stage II	3,356.50	2.65	890.03	3.76	1263.66	0.00	0.46	0	6.42	2,154.16
7	OBRA-A	-	-	-	-	0.00	-	36.49	0	-	36.49
8	OBRA-B	4,306.86	2.25	967.21	2.72	1171.78	0.47	204.01	0	5.44	2,343.00
9	OBRA-C	-	-	-	-	0.00	-	0.01	0	-	0.01
10	PANKI	-	-	-	-	0.00	-	80.95	0	-	80.95
11	Panki Extension	-	-	-	-	0.00	-	4.75	0	-	4.75
12	PARICHHA	-	-	17.20	-	0.00	-	45.46	0	-	62.66
13	PARICHHA EXT.	2,112.03	1.35	285.71	3.29	695.18	0.12	24.91	0	4.76	1,005.80
14	PARICHHA EXT. STAGE-II	2,543.21	1.44	366.05	3.30	839.66	0.03	8.37	0	4.77	1,214.09
15	UPRVUNL CONSOLIDATED	-	-	-	-	0.00	-	-7.53	0	-	-7.53

S.No	Source of Power (Station wise)	FY 2023-24									
		Units (MU)	Annual Fixed Charges		Annual Energy/ Variable charge		Annual Other Cost	Late payment		Total cost	
			(Rs. / kWh)	(Rs. Cr.)	(Rs. / kWh)	(Rs. Cr.)	(Rs. / kWh)	(Rs. Cr.)	(Rs. Cr.)	(Rs. / kWh)	(Rs. Cr.)
	<b>Sub-Total</b>	<b>30,704.15</b>	<b>1.49</b>	<b>4,590.19</b>	<b>2.72</b>	<b>8348.91</b>	<b>0.25</b>	<b>762.42</b>	<b>0</b>	<b>4.46</b>	<b>13,701.51</b>
			-		-		-			-	
<b>c</b>	<b>From State Generating Stations Hydro</b>		-		-		-			-	
1	RIHAND	261.18	0.96	25.18	0.46	12.04	1.64	42.89	0	3.07	80.11
2	OBRA ( H )	141.81	0.71	10.11	0.41	5.86	-	-	0	1.13	15.96
3	MATATILA	63.60	0.38	2.42	0.41	2.60	-9.94	-63.23	0		-58.21
4	KHARA	228.18	0.55	12.52	0.45	10.19	-	-	0	0.99	22.70
5	UGC	30.09	-	-	2.83	8.51	-	-	0	2.83	8.51
6	SHEETLA	3.21	-	-	1.54	0.50	-	-	0	1.54	0.50
7	BELKA	3.40	-	-	2.12	0.72	-	-	0	2.12	0.72
8	BABAIL	3.70	-	-	2.83	1.05	-	-	0	2.83	1.05
	UPJVNL CONSOLIDATED	-	-	-	-	0.00	-	-	0	-	-
		-	-	-	-	0.00	-	-	0	-	-
		-	-	-	-	0.00	-	-	0	-	-
	<b>Sub-Total</b>	<b>735.17</b>	<b>0.68</b>	<b>50.22</b>	<b>0.56</b>	<b>41.46</b>	<b>-0.28</b>	<b>-20.34</b>	<b>0</b>	<b>0.97</b>	<b>71.34</b>
			-		-		-			-	
<b>d</b>	<b>From Central Sector Generating Stations</b>		-		-		-			-	
a	Thermal (NTPC)		-		-		-			-	
1	ANTA GPS	3.11	151.63	47.23	4.18	1.30	-19.76	-6.15	0		42.38
2	AURAIYA GPS	185.09	6.80	125.88	11.23	207.89	19.50	360.95	0		694.72
3	DADRI GPS	272.68	3.65	99.59	8.43	229.94	3.92	106.87	0	16.00	436.40
4	FGUTPS-I	861.42	1.89	162.89	4.55	392.20	0.69	59.41	0	7.13	614.50
5	FGUTPS-II	627.31	1.57	98.41	3.69	231.65	0.04	2.77	0	5.31	332.83
6	FGUTPS-III	261.63	2.00	52.37	4.39	114.74	0.73	19.08	0	7.12	186.19
7	FGUTPS-IV	859.73	2.95	253.87	4.17	358.79	0.63	54.50	0	7.76	667.16

S.No	Source of Power (Station wise)	FY 2023-24									
		Units (MU)	Annual Fixed Charges		Annual Energy/ Variable charge		Annual Other Cost	Late payment		Total cost	
			(Rs. / kWh)	(Rs. Cr.)	(Rs. / kWh)	(Rs. Cr.)	(Rs. / kWh)	(Rs. Cr.)	(Rs. Cr.)	(Rs. / kWh)	(Rs. Cr.)
8	FSTPS	134.30	1.51	20.21	3.43	46.13	2.50	33.51	0	7.44	99.85
9	GODARWARA STPS-I	13.59	3.66	4.97	3.54	4.81	0.30	0.40	0	7.49	10.18
10	JHANOR GPS	0.00		0.01	11.13	0.00	74.22	0.00	0		0.01
11	KAWAS GPS	0.00		0.01	3.00	0.00		0.00	0		0.01
12	KHARGONE STPS	12.40	3.77	4.67	3.89	4.82	2.04	2.53	0	9.69	12.02
13	KHTPS-I	313.46	1.74	54.52	3.05	95.70	0.12	3.83	0	4.91	154.06
14	KHTPS-II	1,213.45	1.33	161.97	2.93	355.50	0.12	15.15	0	4.39	532.62
15	KORBA-I STPS	16.62	0.73	1.22	1.43	2.37	0.29	0.49	0	2.46	4.08
16	KORBA-III STPS	8.12	1.01	0.82	1.40	1.14	0.31	0.25	0	2.72	2.21
17	LARA STPS-I	22.53	1.70	3.84	1.35	3.05	0.54	1.23	0	3.60	8.11
18	MAUDA-I STPS	6.85	2.73	1.87	3.41	2.34	0.45	0.31	0	6.59	4.52
19	MAUDA-II STPS	0.19		3.21		3.91	9.02	0.17	0		7.29
20	NABINAGAR STP	1,222.59	2.81	344.02	2.67	325.95	-0.08	-9.23	0	5.40	660.74
21	NCTPS-I	338.19	1.69	57.20	4.71	159.35	1.40	47.47	0	7.81	264.03
22	NCTPS-II	349.91	2.52	88.12	4.69	163.98	0.66	23.15	0	7.87	275.24
23	RIHAND-I	2,296.40	0.82	189.27	1.58	363.50	-0.13	-29.31	0	2.28	523.46
24	RIHAND-II	1,967.83	0.83	163.96	1.57	309.66	0.12	24.40	0	2.53	498.01
25	RIHAND-III	2,333.43	1.42	331.25	1.55	362.48	1.24	290.36	0	4.22	984.09
26	SINGRAULI	5,291.55	0.72	379.70	1.54	813.03	0.43	229.27	0	2.69	1,422.00
27	SIPAT-I STPS	27.74	1.31	3.64	1.44	3.98	0.34	0.95	0	3.09	8.58
28	SIPAT-II STPS	10.85	0.92	1.00	1.48	1.60	0.36	0.39	0	2.75	2.99
29	SOLAPUR TPS	18.74	2.69	5.04	4.53	8.49	0.25	0.46	0	7.46	13.99
30	TANDA -II-TPS	5,314.82	1.84	976.91	3.61	1920.03	0.12	61.21	0	5.57	2,958.15
31	TANDA -TPS	1,472.52	2.49	366.51	5.09	749.79	0.21	31.60	0	7.80	1,147.89
32	VINDHYANCHAL-I STPS	12.66	0.94	1.19	1.60	2.02	0.16	0.20	0	2.70	3.42
33	VINDHYANCHAL-II STPS	10.86	0.75	0.82	1.54	1.67	0.18	0.19	0	2.47	2.68
34	VINDHYANCHAL-III	11.78	0.82	0.97	1.53	1.80	0.18	0.22	0	2.53	2.98

S.No	Source of Power (Station wise)	FY 2023-24									
		Units (MU)	Annual Fixed Charges		Annual Energy/ Variable charge		Annual Other Cost	Late payment		Total cost	
			(Rs. / kWh)	(Rs. Cr.)	(Rs. / kWh)	(Rs. Cr.)	(Rs. / kWh)	(Rs. Cr.)	(Rs. Cr.)	(Rs. / kWh)	(Rs. Cr.)
	STPS										
35	VINDHYANCHAL-IV STPS	14.72	1.67	2.45	1.51	2.22	1.37	2.02	0	4.55	6.69
36	VINDHYANCHAL-V STPS	7.02	1.76	1.24	1.56	1.10	1.16	0.82	0	4.49	3.15
37	NTPC CONSOLIDATED	-	-	-	-	0.00	-	3.93	0	-	3.93
38		-	-	-	-	0.00	-	-	0	-	-
	<b>Sub-total</b>	<b>25,514.11</b>	<b>1.57</b>	<b>4,010.85</b>	<b>2.84</b>	<b>7246.93</b>	<b>0.52</b>	<b>1,333.40</b>	<b>0</b>	<b>4.93</b>	<b>12,591.18</b>
			-		-		-			-	
<b>e</b>	<b>NPCIL</b>		-		-		-			-	
1	KAPS	15.10	-	-	4.10	6.19	2.15	3.24	0.000972	6.25	9.44
2	NAPP	853.12	-	-	2.99	255.27	0.05	3.88	0	3.04	259.14
3	TAPP-3 & 4	15.24	-	-	3.45	5.25	0.02	0.03	0.0158191	3.47	5.29
4	RAPP-3 & 4	244.52	-	-	3.34	81.67	0.04	1.01	0	3.38	82.68
5	RAPP-5 & 6	742.71	-	-	3.92	290.98	-0.00	-0.25	0	3.91	290.73
<b>6</b>	<b>NPCIL CONSOLIDATED</b>	-	-	-	-	<b>0.00</b>	-	-	<b>0.000133</b>	-	<b>0.00</b>
		-	-	-	-	0.00	-	-	0	-	-
		-	-	-	-	0.00	-	-	0	-	-
	<b>Sub-Total</b>	<b>1,870.69</b>	-	-	<b>3.42</b>	<b>639.35</b>	<b>0.04</b>	<b>7.91</b>	<b>0.0169241</b>	<b>3.46</b>	<b>647.29</b>
<b>f</b>	<b>Hydro (NHPC)</b>										
1	SALAL	228.61	1.06	24.32	0.76	17.45	1.04	23.89	0	2.87	65.67
2	TANAKPUR	80.09	3.80	30.41	2.58	20.64	0.09	0.71	0	6.46	51.75
3	CHAMERA-I	424.59	1.03	43.90	1.04	44.12	0.09	3.83	0	2.16	91.86

S.No	Source of Power (Station wise)	FY 2023-24									
		Units (MU)	Annual Fixed Charges		Annual Energy/ Variable charge		Annual Other Cost	Late payment		Total cost	
			(Rs. / kWh)	(Rs. Cr.)	(Rs. / kWh)	(Rs. Cr.)	(Rs. / kWh)	(Rs. Cr.)	(Rs. Cr.)	(Rs. / kWh)	(Rs. Cr.)
4	URI	464.86	1.18	54.80	0.87	40.52	0.57	26.31	0	2.62	121.62
5	CHAMERA-II	276.09	1.32	36.51	0.97	26.86	0.10	2.83	0	2.40	66.19
6	DHAULIGANGA	213.87	1.74	37.16	1.25	26.76	0.47	9.99	0	3.46	73.90
7	DULHASTI	489.64	2.28	111.80	2.15	105.10	0.52	25.48	0	4.95	242.37
8	SEWA-II	132.22	2.63	34.76	2.36	31.19	0.16	2.11	0	5.15	68.06
9	CHAMERA-III	189.49	2.63	49.80	1.95	36.97	0.00	0.03	0	4.58	86.81
10	URI-II	304.99	2.30	70.29	1.93	58.82	0.77	23.55	0	5.01	152.67
11	PARBATI-III HEP	62.79	7.78	48.87	1.33	8.32	0.01	0.08	0	9.12	57.27
12	KISHANGANGA	551.84	2.26	124.57	1.89	104.10	0.16	8.72	0	4.30	237.39
<b>13</b>	<b>NHPC CONSOLIDATED</b>	-	-	-	-	<b>0.00</b>	-	<b>611.53</b>	<b>0</b>	-	<b>611.53</b>
14											
15											
	<b>Sub-Total</b>	<b>3,419.09</b>	<b>1.95</b>	<b>667.18</b>	<b>1.52</b>	<b>520.86</b>	<b>2.16</b>	<b>739.04</b>	<b>0</b>	<b>5.64</b>	<b>1,927.08</b>
			-		-		-			-	
<b>g</b>	<b>HYDRO (NTPC)</b>		-		-		-			-	
1	Koldam HPS	601.20	2.76	165.63	2.44	146.87	-1.13	-67.66	0	4.07	244.84
2	Singrauli SHPS	16.25	-	-	5.04	8.19	0.00	0.00	0	5.04	8.19
3											
4											
5											
	<b>Sub-Total</b>	<b>617.44</b>	<b>2.68</b>	<b>165.63</b>	<b>2.51</b>	<b>155.06</b>	<b>-1.10</b>	<b>-67.66</b>	<b>0</b>	<b>4.10</b>	<b>253.03</b>
<b>h</b>	<b>THDC</b>										
	<b>HYDRO</b>		-		-		-			-	
1	Tehri	1,248.94	1.86	232.23	1.95	243.26	0.00	0.41	0	3.81	475.90
2	Koteshwar	467.31	2.73	127.48	2.73	127.55	-0.00	-0.19	0	5.45	254.84
3	Dhukwan	73.66	-	-	4.87	35.87	0.04	0.33	0	4.91	36.20
4	THDC Consolidated	0.00	-	-	-	0.00	-	-	0	-	-

S.No	Source of Power (Station wise)	FY 2023-24									
		Units (MU)	Annual Fixed Charges		Annual Energy/ Variable charge		Annual Other Cost	Late payment		Total cost	
			(Rs. / kWh)	(Rs. Cr.)	(Rs. / kWh)	(Rs. Cr.)	(Rs. / kWh)	(Rs. Cr.)	(Rs. Cr.)	(Rs. / kWh)	(Rs. Cr.)
	<b>Sub-Total</b>	<b>1,789.91</b>	<b>2.01</b>	<b>359.71</b>	<b>2.27</b>	<b>406.69</b>	<b>0.00</b>	<b>0.55</b>	<b>0</b>	<b>4.28</b>	<b>766.94</b>
			-		-		-			-	
<b>i</b>	<b>SJVN</b>		-		-		-			-	
1	Rampur	246.47	2.79	68.84	2.08	51.29	0.59	14.61	0	5.47	134.74
2	Nathpa Jhakri	1,016.48	1.39	141.42	1.20	122.29	0.06	5.93	0.00	2.65	269.64
3	SJVNL Consolidated	-	-	-	-	0.00	-	-	0.02	-	0.02
4		-	-	-	-	0.00	-	-	0.00	-	-
5		-	-	-	-	0.00	-	-	0.00	-	-
	<b>Sub-Total</b>	<b>1,262.95</b>	<b>1.66</b>	<b>210.27</b>	<b>1.37</b>	<b>173.58</b>	<b>0.16</b>	<b>20.54</b>	<b>0.02</b>	<b>3.20</b>	<b>404.41</b>
<b>j</b>	<b>NEEPCO</b>										
1	Kameng HEP	238.93	-	-	4.00	95.57	0.01	0.31	0.00	4.01	95.88
	<b>Sub-Total</b>	<b>238.93</b>	<b>-</b>	<b>-</b>	<b>4.00</b>	<b>95.57</b>	<b>0.01</b>	<b>0.31</b>	<b>0.00</b>	<b>4.01</b>	<b>95.88</b>
<b>k</b>	<b>IPP/JV</b>										
	HYDRO										
1	TALA	54.48	-	-	2.27	12.37	-	-	0.00	2.27	12.37
2	SRI NAGAR HEP	1,137.58	5.08	577.97	4.93	560.67	-0.06	-7.18	0.00	9.95	1,131.46
3	Vishnu Prayag	1,405.05	0.17	24.48	1.06	149.60	-0.44	-61.17	0.00	0.80	112.90
4	KARCHAM	732.94	1.48	108.47	1.55	113.34	0.32	23.55	0.00	3.35	245.36
5	TEESTA-III	612.55	2.84	174.24	2.43	148.81	-0.39	-23.71	0.00	4.89	299.35
6	Teesta Urja LTD	-	-	-	-	0.00	-	-	0.00	-	-
7	GMR Bajoli Holi	185.23	2.28	42.31	2.94	54.49	0.28	5.19	0.00	5.51	101.99
8	Tidong Power Generation	76.11	2.30	17.51	2.30	17.51	0.26	2.01	0.00	4.86	37.02
	<b>Sub-Total</b>	<b>4,203.94</b>	<b>2.25</b>	<b>944.97</b>	<b>2.51</b>	<b>1056.78</b>	<b>-0.15</b>	<b>-61.31</b>	<b>0.00</b>	<b>4.62</b>	<b>1,940.44</b>
	<b>Thermal</b>										
1	APCPL	44.72	3.38	15.13	4.37	19.55	1.80	8.03	0.00	9.55	42.71

S.No	Source of Power (Station wise)	FY 2023-24									
		Units (MU)	Annual Fixed Charges		Annual Energy/ Variable charge		Annual Other Cost	Late payment		Total cost	
			(Rs. / kWh)	(Rs. Cr.)	(Rs. / kWh)	(Rs. Cr.)	(Rs. / kWh)	(Rs. Cr.)	(Rs. Cr.)	(Rs. / kWh)	(Rs. Cr.)
2	BEPL Barkhera	315.82	2.80	88.33	4.53	143.06	0.15	4.77	3.59	7.59	239.75
3	BEPL KHAMBHAKHERA	309.11	3.00	92.64	4.65	143.82	-1.08	-33.40	0.00	6.57	203.06
4	BEPL KUNDRAKHI	298.34	3.03	90.44	4.56	136.05	-1.21	-36.24	0.00	6.38	190.25
5	BEPL MAQSOODAPUR	318.34	2.91	92.64	4.56	145.16	-0.95	-30.27	0.00	6.52	207.53
6	BEPL UTRAULA	308.58	3.07	94.77	4.63	142.85	-1.17	-35.95	0.00	6.54	201.67
7	KSK Mahanadi	5,588.89	2.73	1,526.10	3.29	1841.04	0.52	288.02	25.04	6.58	3,680.21
8	Lalitpur	11,659.64	2.67	3,117.18	3.26	3803.98	0.12	135.45	189.68	6.21	7,246.30
9	Lanco	6,994.36	0.74	517.49	2.37	1659.45	0.16	113.58	0.00	3.27	2,290.52
10	M.B.POWER (PTC)	2,375.61	2.54	603.73	2.14	507.60	1.53	363.32	24.06	6.31	1,498.72
11	Meja Thermal Power Plant	6,070.60	2.47	1,501.11	3.03	1841.39	0.04	25.43	0.00	5.55	3,367.92
12	Nabinagar Power Project	-	-	-	-	0.00	-	-	0.00	-	-
13	PRAYAGRAJ POWER	11,016.50	1.07	1,182.50	2.55	2809.63	-0.01	-11.76	0.00	3.61	3,980.37
14	R.K.M.POWER	2,694.89	2.25	607.58	2.39	644.32	0.02	5.53	0.00	4.67	1,257.43
15	ROSA-1&2	6,996.54	1.66	1,159.35	3.18	2225.46	-0.31	-214.90	0.00	4.53	3,169.91
16	Sasan	3,686.76	0.15	54.49	1.15	423.81	0.05	20.22	0.00	1.35	498.53
17	TRN ENERGY (PTC)	2,980.58	1.55	462.17	1.57	468.42	0.45	132.92	0.07	3.57	1,063.58
	<b>Sub-Total</b>	<b>61,659.29</b>	<b>1.82</b>	<b>11,205.64</b>	<b>2.75</b>	<b>16955.58</b>	<b>0.12</b>	<b>734.77</b>	<b>242.46</b>	<b>4.73</b>	<b>29,138.44</b>
<b>B</b>	<b>Medium term</b>										

S.No	Source of Power (Station wise)	FY 2023-24									
		Units (MU)	Annual Fixed Charges		Annual Energy/ Variable charge		Annual Other Cost	Late payment		Total cost	
			(Rs. / kWh)	(Rs. Cr.)	(Rs. / kWh)	(Rs. Cr.)	(Rs. / kWh)	(Rs. Cr.)	(Rs. Cr.)	(Rs. / kWh)	(Rs. Cr.)
	<b>Sources</b>										
	Station/Source 1	-	-	-	-	0.00	-	-	0.00	-	-
	Station/Source 2	-	-	-	-	0.00	-	-	0.00	-	-
	Sub-Total	-	-	-	-	0.00	-	-	0.00	-	-
			-		-		-			-	
<b>C</b>	<b>Short term Sources</b>										
	Station/Source 1	-	-	-	-	0.00	-	-	0.00	-	-
	Station/Source 2	-	-	-	-	0.00	-	-	0.00	-	-
	Sub-Total	-	-	-	-	0.00	-	-	0.00	-	-
<b>D</b>	<b>Cogen/ Captive</b>										
1	Akbarpur Chini Mills Ltd.,	27.73	1.27	3.52	2.15	5.96	-	-	0.00	3.42	9.48
2	Avadh sugar , Hargaon	38.15	1.30	4.97	2.26	8.61	-	-	0.00	3.56	13.58
3	Avadh Sugar., Sehora (Upper Ganges)	76.28	1.28	9.80	2.41	18.36	-	-	0.00	3.69	28.16
4	Birla Carbon (Hi Tech Carbon)	36.53	2.20	8.04	2.22	8.11	-	-	0.00	4.42	16.15
5	Bajaj Hindustan Ltd., Barkhera	4.77	1.29	0.61	2.15	1.02	0.00	0.00	0.00	3.44	1.64
6	Bajaj Hindustan Ltd., Bilai	28.06	1.29	3.62	2.15	6.03	0.00	0.00	0.00	3.44	9.65
7	Bajaj Hindustan Ltd., Budhana	30.62	1.29	3.95	2.15	6.58	0.00	0.00	0.00	3.44	10.53
8	Bajaj Hindustan Ltd., Gangnauli	0.13	1.29	0.02	2.15	0.03	0.11	0.00	0.00	3.55	0.05
9	Bajaj Hindustan	14.28	1.29	1.84	2.15	3.07	0.00	0.00	0.00	3.44	4.91



S.No	Source of Power (Station wise)	FY 2023-24									
		Units (MU)	Annual Fixed Charges		Annual Energy/ Variable charge		Annual Other Cost	Late payment		Total cost	
			(Rs. / kWh)	(Rs. Cr.)	(Rs. / kWh)	(Rs. Cr.)	(Rs. / kWh)	(Rs. Cr.)	(Rs. Cr.)	(Rs. / kWh)	(Rs. Cr.)
	Ltd., Khambakhera										
10	Bajaj Hindustan Ltd., Kinauni	30.80	1.29	3.98	2.15	6.62	0.00	0.00	0.00	3.44	10.60
11	Bajaj Hindustan Ltd., Kundrakhi	17.05	1.29	2.20	2.10	3.58	0.00	0.00	0.00	3.39	5.78
12	Bajaj Hindustan Ltd., Maqsoodapur	6.56	1.33	0.87	2.15	1.41	0.00	0.00	0.00	3.48	2.28
13	Bajaj Hindustan Ltd., Paliaklan	11.15	1.29	1.44	2.15	2.40	0.00	0.00	0.00	3.44	3.84
14	Bajaj Hindustan Ltd., Thanabhawn	24.67	1.29	3.18	2.15	5.30	0.00	0.00	0.00	3.44	8.49
15	Bajaj Hindustan Ltd., Utraula	11.60	1.42	1.65	2.03	2.35	0.00	0.00	0.00	3.45	4.00
16	Balrampur Chini Mills Ltd., Maizapur	11.76	1.81	2.13	2.47	2.90	-	-	0.00	4.28	5.03
17	Balrampur Chini Mills Ltd., Tulsipur	1.52	1.81	0.27	2.47	0.37	0.03	0.00	0.00	4.31	0.65
18	Balrampur Chini Mills Ltd., Balrampur	-	-	-	-	0.00	-	-	0.00	-	-
19	Balrampur Chini Mills Ltd., Babhnan	20.70	1.52	3.15	1.95	4.04	-	-	0.00	3.47	7.19
20	Continental Carbon India Ltd.	37.15	2.01	7.45	2.32	8.60	0.24	0.89	0.00	4.56	16.94
21	Dalmia Chini Mills Ltd., Jawaharpur	56.74	1.29	7.32	2.11	11.97	-	-	0.00	3.40	19.29
22	Dalmia Chini Mills Ltd., Nigohi	52.98	1.29	6.83	2.15	11.39	-	-	0.00	3.44	18.22
23	Dalmia Chini Mills Ltd., Ramgarh	36.65	1.29	4.73	2.15	7.88	-	-	0.00	3.44	12.61
24	DCM Sriram Ltd.,	37.88	1.32	5.00	2.15	8.14	-	-	0.00	3.47	13.14

S.No	Source of Power (Station wise)	FY 2023-24									
		Units (MU)	Annual Fixed Charges		Annual Energy/ Variable charge		Annual Other Cost	Late payment		Total cost	
			(Rs. / kWh)	(Rs. Cr.)	(Rs. / kWh)	(Rs. Cr.)	(Rs. / kWh)	(Rs. Cr.)	(Rs. Cr.)	(Rs. / kWh)	(Rs. Cr.)
	Daurala (Meerut)										
25	Daya Sugar., Saharaanpur	5.10	1.81	0.92	2.47	1.26	-	-	0.00	4.28	2.18
26	DCM Sriram Ltd, Loni,Hardoi	44.04	1.31	5.77	2.15	9.47	-	-	0.00	3.46	15.24
27	DCM Sriram Ltd, Hariawan,Hardoi	124.37	1.50	18.69	2.59	32.22	-	-	0.00	4.09	50.91
28	DCM Sriram Ltd., Lakhimpur Ajbapur	141.34	1.62	22.92	3.83	54.14	-	-	0.00	5.45	77.07
29	Dhampur Sugar Mills Ltd., Bareilly,Meerganj	16.13	1.27	2.05	2.15	3.47	-	-	0.00	3.42	5.52
30	Dhampur Sugar Mills Ltd., Dhampur, Bijnor	112.82	1.33	15.00	2.13	24.03	-	-	0.00	3.46	39.03
31	Dhampur Sugar Mills Ltd.,Mansoorpur, Mzf	37.30	1.29	4.81	2.15	8.02	-	-	0.00	3.44	12.83
32	Dhampur Sugar Mills Ltd., Rajpura,Sambhal	51.63	1.84	9.48	2.03	10.48	-	-	0.00	3.87	19.96
33	Dhampur Sugar Mills Ltd., Asmoli, Sambhal	29.50	1.29	3.80	2.15	6.34	-	-	0.00	3.44	10.15
34	Dwarikesh Sugar Ind. Ltd., Dhampur Bijnor	63.97	1.31	8.38	2.15	13.75	0.00	0.00	0.00	3.46	22.14
35	Dwarikesh Sugar Ind. Ltd., Faridpur	58.34	1.31	7.64	2.15	12.54	0.00	0.03	0.00	3.46	20.21

S.No	Source of Power (Station wise)	FY 2023-24									
		Units (MU)	Annual Fixed Charges		Annual Energy/ Variable charge		Annual Other Cost	Late payment		Total cost	
			(Rs. / kWh)	(Rs. Cr.)	(Rs. / kWh)	(Rs. Cr.)	(Rs. / kWh)	(Rs. Cr.)	(Rs. Cr.)	(Rs. / kWh)	(Rs. Cr.)
	Bareilly										
36	Dwarikesh Sugar Ind. Ltd., Nagina Bijnor	14.22	1.27	1.81	2.15	3.06	0.01	0.01	0.00	3.43	4.88
37	Govind Sugar	64.66	2.02	13.09	2.43	15.74	0.00	0.01	0.00	4.46	28.83
38	Gularia Chini Mills Ltd.	69.08	1.31	9.04	2.07	14.28	0.00	0.01	0.00	3.38	23.33
39	Haidergarh Chini Mills Ltd.	9.78	1.25	1.22	2.15	2.10	-	-	0.00	3.40	3.32
40	India Glycols	2.94	1.79	0.53	5.52	1.62	-	-	0.00	7.31	2.15
41	K.M. Sugar Ltd.	10.34	1.27	1.31	2.15	2.22	-	-	0.00	3.42	3.54
42	Kesar Enterprises Ltd.	89.64	1.43	12.82	2.03	18.20	-	-	0.00	3.46	31.02
43	Kisan Sahkari Chini Mil	18.87	2.18	4.11	2.12	4.01	-	-	0.00	4.30	8.12
44	Kumbhi Sugar Mills Ltd.	28.57	1.60	4.58	2.09	5.96	0.01	0.01	0.00	3.70	10.56
45	L.H. Sugar Factories Ltd.	67.50	1.16	7.82	2.15	14.51	-	-	0.00	3.31	22.33
46	Mankapur Chini Mills Ltd.	80.94	1.48	11.98	2.19	17.74	0.00	0.01	0.00	3.67	29.73
47	Mawana Sugar Ltd., Meerut	22.03	1.28	2.82	2.15	4.74	-	-	0.00	3.43	7.56
48	Mawana Sugar Ltd., Naglamal	34.81	1.29	4.49	2.15	7.48	-	-	0.00	3.44	11.97
49	Mawana Sugar Ltd., Titawi	52.78	1.29	6.81	2.15	11.35	-	-	0.00	3.44	18.16
50	New India Sugar Mills.	58.75	1.31	7.70	2.15	12.63	-	-	0.00	3.46	20.33
51	Novel Sugar (Bajaj	0.34	1.31	0.04	2.15	0.07	-	-	0.00	3.46	0.12

S.No	Source of Power (Station wise)	FY 2023-24									
		Units (MU)	Annual Fixed Charges		Annual Energy/ Variable charge		Annual Other Cost	Late payment		Total cost	
			(Rs. / kWh)	(Rs. Cr.)	(Rs. / kWh)	(Rs. Cr.)	(Rs. / kWh)	(Rs. Cr.)	(Rs. Cr.)	(Rs. / kWh)	(Rs. Cr.)
	Sugar - Barkhera)										
52	Oswal Overseas	7.31	1.69	1.24	2.71	1.98	-	-	0.00	4.40	3.22
53	Parle Biscuits Pvt. Ltd.	1.23	1.21	0.15	2.15	0.26	-	-	0.00	3.36	0.41
54	Ramala Sahkari Chini Mills	42.76	1.75	7.48	3.04	13.00	-	-	0.00	4.79	20.48
55	Rana Sugar Miis Ltd., Karimganj	14.32	1.49	2.13	2.11	3.02	-	-	0.00	3.60	5.15
56	Rana Sugar Miis Ltd., Belwara	21.80	1.51	3.30	2.10	4.59	-	-	0.00	3.62	7.89
57	Rana Sugar Miis Ltd., Bilari	44.16	2.18	9.63	2.03	8.96	-	-	0.00	4.21	18.59
58	Rauzagaon Chini Mills Ltd.	40.92	1.31	5.36	2.15	8.80	-	-	0.00	3.46	14.16
59	SBEC Bioenergy Ltd.	30.53	1.27	3.88	2.15	6.56	-	-	0.00	3.42	10.44
60	Simbholi Sugar Ltd. - Chilwaria	18.65	1.57	2.93	2.10	3.91	-	-	0.00	3.67	6.84
61	Simbholi Sugar Ltd. - Hapur	69.99	1.75	12.22	2.07	14.50	-	-	0.00	3.82	26.72
62	Sukhbir Agro Energy Ltd.	39.63	1.72	6.82	5.85	23.18	-	-	0.00	7.57	30.00
63	Superior Food Grain	64.61	2.18	14.08	2.03	13.12	-	-	0.00	4.21	27.20
64	The Seksaria, Biswan	95.56	2.40	22.89	2.03	19.37	-	-	0.00	4.42	42.26
65	Tikaula Sugar Ltd.	31.07	1.39	4.33	2.48	7.72	-	-	0.00	3.88	12.05
66	Triveni Engg. & Industries Ltd. - Milak Narayanpur	0.73	1.29	0.09	2.15	0.16	-	-	0.00	3.44	0.25
67	Triveni Engg. &	5.53	1.29	0.71	2.15	1.19	-	-	0.00	3.44	1.90

S.No	Source of Power (Station wise)	FY 2023-24									
		Units (MU)	Annual Fixed Charges		Annual Energy/ Variable charge		Annual Other Cost	Late payment		Total cost	
			(Rs. / kWh)	(Rs. Cr.)	(Rs. / kWh)	(Rs. Cr.)	(Rs. / kWh)	(Rs. Cr.)	(Rs. Cr.)	(Rs. / kWh)	(Rs. Cr.)
	Industries Ltd. - Chandanpur										
68	Triveni Engg. & Industries Ltd. - Deoband	46.92	1.27	5.96	2.15	10.09	-	-	0.00	3.42	16.05
69	Triveni Engg. & Industries Ltd. - Khatuali	106.80	1.18	12.60	2.15	22.96	-	-	0.00	3.33	35.57
70	Triveni Engg. & Industries Ltd., Sabitgarh	8.08	1.95	1.57	2.05	1.66	-	-	0.00	4.00	3.23
71	U.P State Sugar Corp. Ltd. - Munderwa	37.53	1.75	6.57	3.04	11.41	-	-	0.00	4.79	17.98
72	U.P State Sugar Corp. Ltd. - Pipraich	33.29	1.75	5.83	3.04	10.12	-	-	0.00	4.79	15.95
73	U.P State Sugar Corp. Ltd. - Mohiuddinpur	14.85	2.52	3.74	2.03	3.01	-	-	0.00	4.55	6.76
74	Uttam Sugar Mills, Ltd. Barkatpur	41.74	1.31	5.49	2.15	8.97	-	-	0.00	3.46	14.46
75	Uttam Sugar Mills, Ltd. Khaikheri	25.18	1.31	3.30	2.15	5.41	-	-	0.00	3.46	8.71
76	Uttam Sugar Mills, Ltd. Shermau	25.31	1.30	3.30	2.15	5.44	0.07	0.19	0.00	3.53	8.92
77	Wave Ind. & Engg. Ltd.	11.85	1.31	1.55	2.15	2.55	-	-	0.00	3.46	4.10
78	Yadu Sugars Ltd.	7.68	1.27	0.97	2.03	1.56		-	0.00		2.53
79	Banked energy	337.15	-	-	0.95	32.04	-	-	0.00	0.95	32.04
80		-	-	-	-	0.00	-	-	0.00	-	-

S.No	Source of Power (Station wise)	FY 2023-24									
		Units (MU)	Annual Fixed Charges		Annual Energy/ Variable charge		Annual Other Cost	Late payment		Total cost	
			(Rs. / kWh)	(Rs. Cr.)	(Rs. / kWh)	(Rs. Cr.)	(Rs. / kWh)	(Rs. Cr.)	(Rs. Cr.)	(Rs. / kWh)	(Rs. Cr.)
		-	-	-	-	0.00	-	-	0.00	-	-
	<b>Sub-Total</b>	<b>3,148.69</b>	<b>1.35</b>	<b>424.34</b>	<b>2.20</b>	<b>691.75</b>	<b>0.00</b>	<b>1.17</b>	<b>0.00</b>	<b>3.55</b>	<b>1,117.25</b>
			-		-		-			-	
<b>E</b>	<b>Bilateral &amp; Others (Power purchased through Trading)</b>		-		-		-			-	
<b>1</b>	<b>Power Purchase From Exchange</b>	-	-	-	-	<b>0.00</b>	-	-	<b>0.00</b>	-	-
	IEX (Sale)/PXIL (Sale)	6,396.71	-	-	-	0.00	-	-	0.00	-	-
	IEX (Purchase)/PXIL (Purchase)	1,449.37	-	-	8.53	1235.97	0.18	26.09	0.00	8.71	1,262.06
	NET-IEX	-4,947.34		-		1235.97		26.09	0.00		1,262.06
	Hindustan power exchange (HPX)	21.79	-	-	9.83	21.41	-	-	0.00	9.83	21.41
<b>2</b>	<b>Purchase From Open Access (OA)</b>	<b>1,407.74</b>	-	-	<b>10.09</b>	<b>1420.40</b>	-	-	<b>0.00</b>	<b>10.09</b>	<b>1,420.40</b>
i)	ADANI ENTERPRISES	695.96	-	-	10.12	704.43	-	-	0.00	10.12	704.43
ii)	Manikaran	92.87	-	-	9.86	91.53	-	-	0.00	9.86	91.53
iii)	Shree Cement	113.77	-	-	9.92	112.85	-	-	0.00	9.92	112.85
	NVVN- STOA	44.79	-	-	8.29	37.12	-	-	0.00	8.29	37.12
iv)	PTC	68.02	-	-	10.13	68.93	-	-	0.00	10.13	68.93
v)	Tata Power Trading	392.32	-	-	10.34	405.54	-	-	0.00	10.34	405.54
	<b>Sub-Total</b>	<b>-3,517.81</b>	-	-	<b>-7.61</b>	<b>2677.78</b>	<b>-0.07</b>	<b>26.09</b>	<b>0.00</b>	<b>-7.69</b>	<b>2,703.87</b>
			-		-		-			-	
<b>E 1</b>	<b>Unscheduled Interchange</b>		-		-		-			-	
i	UI (Underdrawl)	-	-	-	-	-115.55	-	-	0.00	-	-115.55

S.No	Source of Power (Station wise)	FY 2023-24									
		Units (MU)	Annual Fixed Charges		Annual Energy/ Variable charge		Annual Other Cost	Late payment		Total cost	
			(Rs. / kWh)	(Rs. Cr.)	(Rs. / kWh)	(Rs. Cr.)	(Rs. / kWh)	(Rs. Cr.)	(Rs. Cr.)	(Rs. / kWh)	(Rs. Cr.)
ii	UI (Overdrawl)	1.27	-	-		115.55	-	-	0.00		115.55
	UPSLDC (UI)	-504.13	-	-	1.35	-68.09	-	-	0.00	1.35	-68.09
ii	Naeyveli Power Ltd.	-22.13	-	-	5.60	-12.39	-	-	0.00	5.60	-12.39
	<b>Sub-Total</b>	<b>-524.99</b>	-	-	<b>1.53</b>	<b>-80.47</b>	-	-	<b>0.00</b>	<b>1.53</b>	<b>-80.47</b>
			-		-		-			-	
F	<b>Solar (Existing )</b>		-		-		-			-	
1	Adani Green Energy	89.69	-	-	6.83	61.29	-	-	3.79	7.26	65.07
2	Adani Solar Energy Chitrakoot.(50 MW)	106.66	-	-	3.09	32.97	-	-	0.00	3.09	32.97
3	Adani Solar Energy Four Pvt. Ltd., Bhahpur	102.91	-	-	3.19	32.83	-	-	0.00	3.19	32.83
4	Adani Solar Energy Four Pvt. Ltd., Sukrullapur	103.36	-	-	3.22	33.33	-	-	0.00	3.22	33.33
5	Agrawal Solar Power Pvt. Ltd.	8.21	-	-	7.02	5.77	-	-	0.00	7.02	5.77
6	Aryavaan Renewable Energy Pvt. Ltd.	5.44	-	-	6.92	3.76	-	-	0.00	6.92	3.76
7	Avaada Non- Conventional	96.50	-	-	3.24	31.27	-	-	0.00	3.24	31.27
8	Azure Surya Private Limited.	16.59	-	-	8.99	14.92	-	-	0.00	8.99	14.92
9	Bundelkhand Saur Urja	38.25	-	-	2.12	8.11	-	-	0.00	2.12	8.11
10	Dante Energy Private Limited.	2.02	-	-	14.95	3.02	-	-	0.00	14.95	3.02
11	Dhruv Milkose Private Limited.	0.79	-	-	19.46	1.53	-	-	0.00	19.46	1.53

S.No	Source of Power (Station wise)	FY 2023-24									
		Units (MU)	Annual Fixed Charges		Annual Energy/ Variable charge		Annual Other Cost	Late payment		Total cost	
			(Rs. / kWh)	(Rs. Cr.)	(Rs. / kWh)	(Rs. Cr.)	(Rs. / kWh)	(Rs. Cr.)	(Rs. Cr.)	(Rs. / kWh)	(Rs. Cr.)
12	Essel Urja Private Limited	86.15	-	-	9.28	79.99	-	-	0.00	9.28	79.99
13	Green Urja Pvt. Ltd	47.71	-	-	9.24	44.08	-	-	0.00	9.24	44.08
14	Jakson Power Pvt. Ltd.	80.64	-	-	3.07	24.76	2.13	17.19	0.00	5.20	41.95
15	K.M. Energy Pvt. Ltd	8.31	-	-	9.25	7.69	-	-	0.00	9.25	7.69
16	Lohia Developers (India) Pvt. Ltd.	7.84	-	-	7.02	5.51	-	-	0.00	7.02	5.51
17	Maheswari Mining & Energy pvt. Ltd	36.53	-	-	3.11	11.36	-	-	0.00	3.11	11.36
18	Nirosha Power Pvt. Ltd	49.65	-	-	8.93	44.33	-	-	0.00	8.93	44.33
19	NTPC Auraiya Solar	76.24	-	-	3.03	23.10	-	-	0.00	3.03	23.10
20	NTPC Green Energy Ltd.	482.65	-	-	2.83	136.36	-	-	0.00	2.83	136.36
21	Pinnacle Renewable Energy	5.92	-	-	5.07	3.00	-	-	0.00	5.07	3.00
22	Priapus Infrastructure Limited.	2.74	-	-	17.93	4.91	-	-	0.00	17.94	4.91
23	PSPN Synergy Pvt. Ltd.	24.28	-	-	7.02	17.04	-	-	0.00	7.02	17.04
24	Refex Energy (Rajasthan) Pvt. Ltd	17.38	-	-	9.24	16.06	-	-	0.00	9.24	16.06
25	Sahasradhara Energy Pvt. Ltd.	7.57	-	-	6.65	5.03	-	-	2.21	9.57	7.24
26	Salasar Green Energy Pvt. Ltd.	8.98	-	-	7.02	6.31	-	-	0.00	7.02	6.31
27	Samavist Energy Solutions Pvt. Ltd	16.60	-	-	9.33	15.49	-	-	0.00	9.33	15.49



S.No	Source of Power (Station wise)	FY 2023-24									
		Units (MU)	Annual Fixed Charges		Annual Energy/ Variable charge		Annual Other Cost	Late payment		Total cost	
			(Rs. / kWh)	(Rs. Cr.)	(Rs. / kWh)	(Rs. Cr.)	(Rs. / kWh)	(Rs. Cr.)	(Rs. Cr.)	(Rs. / kWh)	(Rs. Cr.)
28	SECI, SAKET NEW DELHI	2,746.87	-	-	2.98	818.51	0.24	66.88	6.29	3.25	891.68
29	Spinel Energy Infrastructure Limited.	36.06	-	-	7.54	27.19	-	-	0.00	7.54	27.19
30	Sukhbir Agro (1) Lalitpur UP. (10 MW)	16.40	-	-	7.02	11.51	-	-	0.00	7.02	11.51
31	Sukhbir Agro (2) Lalitpur UP. (20 MW)	33.63	-	-	7.02	23.61	-	-	0.00	7.02	23.61
32	Sukhbir Agro (3) Mahoba UP. (20 MW)	34.46	-	-	7.02	24.19	-	-	0.00	7.02	24.19
33	Sukhbir Agro Energy Ltd. Chitrakoot UP (50MW)	169.50	-	-	3.14	53.31	-	-	0.00	3.14	53.31
34	Sun n Wind Infra Energy Pvt. Ltd.	17.51	-	-	9.27	16.23	-	-	0.00	9.27	16.23
35	SJVN Green Energy ltd.	182.83	-	-	2.69	49.17	-	-	0.00	2.69	49.17
36	TA Greentech Pvt. Ltd	15.94	-	-	5.07	8.08	-	-	0.00	5.07	8.08
37	Talettutayi Solar Projects	101.93		-	3.21	32.72	-	-	0.00	3.21	32.72
38	Technical Associate Limited.	2.59		-	17.91	4.63	-	-	0.00	17.91	4.63
39	TN Urja Pvt. Ltd	85.51		-	7.02	60.03	-	-	0.00	7.02	60.03
40	Tata Power	122.06		-	2.95	36.05	-	-	0.00	2.95	36.05

S.No	Source of Power (Station wise)	FY 2023-24									
		Units (MU)	Annual Fixed Charges		Annual Energy/ Variable charge		Annual Other Cost	Late payment		Total cost	
			(Rs. / kWh)	(Rs. Cr.)	(Rs. / kWh)	(Rs. Cr.)	(Rs. / kWh)	(Rs. Cr.)	(Rs. Cr.)	(Rs. / kWh)	(Rs. Cr.)
	Renewable										
41	Terra Light Solar	17.27		-	8.44	14.57	-	-	0.00	8.44	14.57
42	Universal Saur Urja Private Limited.	53.18		-	9.33	49.62	-	-	0.00	9.33	49.62
43	UP New & Renewable Energy	37.84		-	5.77	21.82	-	-	0.00	5.77	21.82
44		-		-	-	0.00	-	-	0.00	-	-
	<b>Sub-Total</b>	<b>5,203.17</b>	-	-	<b>3.70</b>	<b>1925.04</b>	<b>0.16</b>	<b>84.07</b>	<b>12.28</b>	<b>3.88</b>	<b>2,021.39</b>
			-		-		-			-	
<b>G</b>	<b>Non-Solar (Renewable)</b>		-		-		-			-	
I	WIND		-		-		-			-	
1	PTC-Adani Green Energy MP LTD.	141.89	-	-	3.53	50.09	-	-	0.00	3.53	50.09
2	PTC-Green Infra Wind Power	273.43	-	-	3.53	96.52	-	-	0.00	3.53	96.52
3	PTC-Mytrah Vayu	237.44	-	-	3.53	83.82	-	-	0.00	3.53	83.82
4	PTC-Ostro Kutch Power	313.00	-	-	3.53	110.49	-	-	0.00	3.53	110.49
5	PTC-Wind One Energy Pvt. Ltd.	133.09	-	-	3.53	46.98	-	-	0.00	3.53	46.98
6	PTC-Wind Two Energy Pvt. Ltd.	105.27	-	-	3.53	37.16	-	-	0.00	3.53	37.16
7	SECI-Renew Power	250.51	-	-	2.71	67.88	-	-	0.00	2.71	67.88
8	SECI- Ostro Energy	185.92	-	-	2.88	53.54	0.00	0.00	0.00	2.88	53.55
9	SECI- Powerica	162.90	-	-	2.89	47.08	0.04	0.71	0.00	2.93	47.79
10	SECI- Adani Wind energy MP One Pvt. Ltd. P1& P2 (SBESS Services)	991.51	-	-	2.90	287.54	-	-	0.00	2.90	287.54

S.No	Source of Power (Station wise)	FY 2023-24									
		Units (MU)	Annual Fixed Charges		Annual Energy/ Variable charge		Annual Other Cost	Late payment		Total cost	
			(Rs. / kWh)	(Rs. Cr.)	(Rs. / kWh)	(Rs. Cr.)	(Rs. / kWh)	(Rs. Cr.)	(Rs. Cr.)	(Rs. / kWh)	(Rs. Cr.)
	SECI-Spring Renewable Energy	740.71	-	-	2.58	191.10	-	-	0.00	2.58	191.10
	SECI-Vivid Solaire Energy Pvt. Ltd.	240.28	-	-	2.58	61.99	-	-	0.00	2.58	61.99
11	SECI- Adani Wind Kutch Five	424.74	-	-	2.90	123.08	0.00	0.09	0.00	2.90	123.18
12	SECI-Adani Wind Energy Three, Kutch	240.52	-	-	2.89	69.51	-	-	0.00	2.89	69.51
	Sub-Total	4,441.22	-	-	2.99	1326.79	0.00	0.80	0.00	2.99	1,327.59
			-	-	-	-	-	-	-	-	-
II	Biomass Existing		-	-	-	-	-	-	-	-	-
1		-	-	-	-	0.00	-	-	0.00	-	-
2		-	-	-	-	0.00	-	-	0.00	-	-
	<b>Sub-total</b>	-	-	-	-	<b>0.00</b>	-	-	<b>0.00</b>	-	-
			-	-	-	-	-	-	-	-	-
III	<b>MSW</b>		-	-	-	-	-	-	-	-	-
1		-	-	-	-	0.00	-	-	0.00	-	-
2		-	-	-	-	0.00	-	-	0.00	-	-
		-	-	-	-	0.00	-	-	0.00	-	-
	Sub-Total	-	-	-	-	0.00	-	-	0.00	-	-
			-	-	-	-	-	-	-	-	-
H1	NSM-II -Thermal	335.99	-	-	3.40	114.19	0.03	1.02	0.00	3.43	115.21
	NSM-II -Solar	163.38	-	-	4.28	69.95	-	-	0.00	4.28	69.95
	NVVNL -Thermal	522.59	-	-	4.03	210.62	0.44	23.04	0.00	4.47	233.66
H2	NVVNL -Solar	143.78	-	-	8.82	126.75	-	-	0.00	8.82	126.75
I	Reactive Energy Charges	-	-	-	-	0.00	-	3.55	0.00	-	3.55
J	Banking	-	-	-	-	0.00	-	-6.19	0.00	-	-6.19
	RUVNL	-	-	-	-	0.00	-	-	0.00	-	-
	MPPMCL	-	-	-	-	0.00	-	3.45	0.00	-	3.45

S.No	Source of Power (Station wise)	FY 2023-24									
		Units (MU)	Annual Fixed Charges		Annual Energy/ Variable charge		Annual Other Cost	Late payment		Total cost	
			(Rs. / kWh)	(Rs. Cr.)	(Rs. / kWh)	(Rs. Cr.)	(Rs. / kWh)	(Rs. Cr.)	(Rs. Cr.)	(Rs. / kWh)	(Rs. Cr.)
	J.K PCL	-	-	-	-	0.00	-	-9.64	0.00	-	-9.64
	Karnataka	-	-	-	-	0.00	-	-0.03	0.00	-	-0.03
	Gujrat Urja Vikas Nigam Ltd.	-	-	-	-	0.00	-	0.03	0.00	-	0.03
	<b>Sub-total</b>	<b>1,165.74</b>	-	-	<b>4.47</b>	<b>521.51</b>	<b>0.18</b>	<b>21.42</b>	<b>0.00</b>	<b>4.66</b>	<b>542.93</b>
			-		-		-			-	
	Transmission Charges										
<b>M</b>	<b>PGCIL / POSOCO Charges</b>	-	-	-	-	<b>0.00</b>	-	<b>3,830.9 5</b>	<b>4.21</b>	-	<b>3,835.16</b>
	UPPTCL Charges	-	-	-	-	0.00	-	-1.66	0.00	-	-1.66
N	WUPPTCL Charges	-	-	-	-	0.00	-	862.16	0.00	-	862.16
O	SEUPPTCL Charges	-	-	-	-	0.00	-	253.78	0.00	-	253.78
i	Obra Badaun Transmission Ltd.	-	-	-	-	0.00	-	78.72	2.78	-	81.50
	Power Grid Transmission Ltd.	-	-	-	-	0.00	-	33.06	0.00	-	33.06
ii	Ghatampur Transmission Ltd.	-	-	-	-	0.00	-	-38.32	0.00	-	-38.32
	Power Grid Rampur Sambhal Trans. (PRSTL)	-	-	-	-	0.00	-	63.96	0.00	-	63.96
	Power Grid Gomti Yamuna Trans. Ltd.	-	-	-	-	0.00	-	31.37	0.00	-	31.37
	UP SLDC Charges	-	-	-	-	0.00	-	0.17	0.00	-	0.17
	MPPTCL	-	-	-	-	0.00	-	-	0.00	-	-
	Noar	-	-	-	-	0.00	-	0.12	0.00	-	0.12
	<b>Sub-total</b>	-	-	-	-	<b>0.00</b>	-	<b>5,114.3 2</b>	<b>6.99</b>	-	<b>5,121.31</b>
			-		-		-			-	
<b>iii</b>	<b>Transmission Charges for Competitive Bidding Stations</b>										

S.No	Source of Power (Station wise)	FY 2023-24									
		Units (MU)	Annual Fixed Charges		Annual Energy/ Variable charge		Annual Other Cost	Late payment		Total cost	
			(Rs. / kWh)	(Rs. Cr.)	(Rs. / kWh)	(Rs. Cr.)	(Rs. / kWh)	(Rs. Cr.)	(Rs. Cr.)	(Rs. / kWh)	(Rs. Cr.)
a.	KSK Mahaanadi	-	-	-	-	0.00	-	-	0.00	-	-
b	MB Power	-	-	-	-	0.00	-	-	0.00	-	-
c	TRN	-	-	-	-	0.00	-	-	0.00	-	-
d	RKM Power	-	-	-	-	-	-	-	-	-	-
	Sub-total	-	-	-	-	-	-	-	-	-	-
	Other Charges		-		-		-	-	-	-	-398.66
P	RRAS	-	-	-	-	-	-	-	-	-	-
	Less	-	-	-	-	-	-	-	-	-	
	Late Payment Surcharge	-	-	-	-	-	-	-	-	-	-
<b>Grand Total</b>		<b>1,41,931.69</b>	<b>1.59</b>	<b>22,628.99</b>	<b>3.01</b>	<b>42703.16</b>	<b>0.61</b>	<b>8697.50</b>	<b>261.76</b>	<b>5.21</b>	<b>73,892.75</b>

2.4.2. The Petitioner requests the Hon'ble Commission to kindly approve the power purchase cost and quantum as shown in the table above.

- 2.4.3. The Petitioner has claimed the power purchase cost for FY 2023-24 based on actual payables as per the books of account for FY 2023-24. The allowable power purchase quantum for FY 2023-24 is shown in the table below:

**TABLE 2-6 POWER PURCHASE COST FOR FY 2023-24**

Particulars	Approved in T.O. dtd. 24.05.2023	Claimed
Allowable Power Purchase (MU)	27115.56	28313.10
Average Rate (Rs./kWh)/ DBST	5.43	5.48
Power Purchase Cost (Rs. Cr.)	14735.36	15521.51

- 2.4.4. The Petitioner requests the Hon'ble Commission to allow the Power Purchase quantum and power purchase cost for FY 2023-24 as claimed in the table above.

## 2.5. Intra-State Transmission Charges

- 2.5.1. The actual Transmission charges (including SLDC charges) is shown in the Table below:

**TABLE 2-7 INTRA-STATE TRANSMISSION CHARGES FOR FY 2023-24**

Particulars	Unit	Approved in T.O. dtd. 24.05.2023	Claimed
Units Wheeled (Energy Input into Transmission- Distribution Interface)	MU	27115.56	28313.14
Transmission Charges	Rs Crore	716.12	739.27

- 2.5.2. The Petitioner requests the Hon'ble Commission to allow transmission charges for FY 2023-24 as claimed in the above table based on Audited Accounts for FY 2023-24.

## 2.6. Operation and Maintenance Expenses

- 2.6.1. The Operation & Maintenance (O&M) Expenses comprises of Employee Expenses, Repair & Maintenance (R&M) Expenses and Administrative and General (A&G) Expenses.
- 2.6.2. Regulation 45 of UPERC MYT Regulations, 2019, stipulates the detailed methodology for determination of Operation & Maintenance (O&M) Expenses. The detailed methodology as stated in Regulation 45 is reproduced as under:

Quote

### ***“45 Operation and Maintenance Expenses***

*a) The Operation and Maintenance expenses for the Distribution Business shall be computed as stipulated in with these Regulations.*

b) The Operation and Maintenance expenses shall be derived on the basis of the average of the Trued-Up values (without efficiency gain / loss) for the last five (5) financial years ending March 31, 2019 subject to prudence check by the Commission. However, if Trued-Up values (without efficiency gain / loss) are not available for FY 2018-19, then last five (5) available Trued-Up values (without efficiency gain / loss) will be considered and subsequently when the same are available the base year value (i.e. FY 2019-20) will be recomputed

c) The average of such operation and maintenance expenses shall be considered as Operation and Maintenance expenses for the middle year and shall be escalated years-on-year with the escalation factor considering CPI and WPI of respective years in the ratio of 60:40, for subsequent years up to FY 2019-20.

d) The One-time expenses such as expense due to change in accounting policy, arrears paid due to Pay Commissions, etc., and the expenses beyond the control of the Distribution Licensee such as dearness allowance, terminal benefits, etc., in Employee cost, shall be allowed by the Commission over and above normative Operation & Maintenance Expenses after prudence check.

e) At the time of Truing-up of the O&M expenses, the actual point to point inflation over Wholesale Price Index numbers as per Office of Economic Advisor of Government of India and the actual Consumer Price Index for Industrial Workers (all India) as per Labour Bureau, Government of India, in the concerned year shall be considered.

#### **45.1 Employee Cost**

Employee cost shall be computed as per the following formula escalated by consumer price index (CPI), adjusted by provisions for expenses beyond the control of the Licensee and one-time expected expenses, such as recovery / adjustment of terminal benefits, implications of Pay Commission, arrears, Interim Relief, etc.:

$$EMP_n = EMP_{n-1} \times (1 + \text{CPI inflation})$$

Where:

$EMP_n$ : Employee expense for the  $n$ th year;

$EMP_{n-1}$ : Employee expense for the  $(n-1)$ th year;

CPI inflation is the average of Consumer Price Index (CPI) for immediately preceding three Financial Years.

#### **45.2 Repairs and Maintenance Expense**

Repairs and Maintenance expense shall be calculated by following formula:

$$R\&M_n = R\&M_{n-1} (1 + \text{WPI inflation})$$

Where:

*R&Mn: Repairs & Maintenance expense for the nth year;*

*R&Mn-1: Repairs & Maintenance expense for the (n-1)th year;*

*WPI inflation is the average of Wholesale Price Index (WPI) for immediately preceding three Financial Years.*

### **45.3 Administrative and General Expense**

*A&G expense shall be computed as per the following formula escalated by wholesale price index (WPI) and adjusted by provisions for confirmed initiatives (IT etc. initiatives as proposed by the Distribution Licensee and validated by the Commission) or other expected one-time expenses:*

$$A\&G_n = A\&G_{n-1} (1 + \text{WPI inflation})$$

*Where:*

*A&Gn: A&G expense for the nth year;*

*A&Gn-1: A&G expense for the (n-1)th year;*

*WPI inflation is the average of Wholesale Price Index (WPI) for immediately preceding three Financial Years: Provided that Interest and Finance charges such as Credit Rating charges, collection facilitation charges, financing cost of Delayed Payment Surcharge and other finance charges shall be a part of A&G expenses.*

*Illustration: For FY 2020-21, (n-1) th year will be FY 2019-20 which is also the base year.*

*Unquote*

2.6.3. It is submitted that the Hon'ble Commission has disallowed the O&M expenses claimed by the Petitioner in Tariff Order dated 24.05.2023 for ARR of FY 2023-24 owing to the following: -

- (a) The Hon'ble Commission has arrived at the mid-year (FY 2016-17) value of each component of O&M expenses based on the average of last 5 years trued-up values of FY 2014-15 to FY 2018-19. The mid-year value of each component of O&M expenses has been escalated year on year with the escalation factor considering Consumer Price Index (CPI) and Whole-sale Price Index (WPI) of respective years in the ratio 60:40, for subsequent years up to FY 2019-20.
- (b) Accordingly, the Hon'ble Commission has computed the O&M expenses of the base year which shall be escalated at Inflation/Escalation rate notified by Labour Bureau, Govt. of India ([http://labourbureau.gov.in/LBO\\_indexes.htm](http://labourbureau.gov.in/LBO_indexes.htm)) and



Economic Advisor Govt. of India  
(<https://eaindustry.nic.in/>) respectively for different years.

Accordingly, the Hon'ble Commission has computed the average WPI and CPI inflation of the last 3 years (average) at 2.42% and 6.00%, respectively.

(c) In terms of this methodology: -

- (i) Employee Expenses for FY 2023-24 have been computed by escalating the base year (FY 2019-20) employee expenses by average CPI inflation of last 3 years.
- (ii) The A&G Expenses (including Finance Charges) and R&M Expenses for FY 2023-24 have been computed by escalating the base year (FY 2019-20) by average WPI inflation of last 3 years.

- 2.6.4. At the outset, it is submitted that O&M expenses comprise of employee related costs, A&G expenses and R&M expenditure. Further, Petitioner intend to recover their legitimate actual O&M Expenses and do not intend to get any additional benefit out of the same.
- 2.6.5. It is submitted that the O&M expenses being allowed by the Hon'ble Commission are insufficient to cover the actual cost/impact of O&M expenses incurred by the Petitioner. As such, the methodology adopted by the Hon'ble Commission will lead considerable loss to the Petitioner whose financial condition is already precarious and stressed.
- 2.6.6. O&M expenses are computed on normative basis in terms of the norms prescribed under the Tariff Regulations. It is submitted that the methodology prescribed by the Hon'ble Commission for computation of normative O&M expenses is significantly different in MYT Regulations, 2019 as compared to the methodology provided under the erstwhile regime i.e., MYT Regulations, 2014.
- 2.6.7. It is submitted that under the MYT Regulations 2014 computation of O&M expenses was based on the trajectory of norms derived on average of past five years audited figures. It is noteworthy that the draft MYT Regulations, 2019 issued by the Hon'ble Commission also had similar provisions for computation of O&M expenses. However, in the final MYT Regulations 2019, the Hon'ble Commission has completely changed the methodology and adopted a completely new methodology for computing the O&M expenses, which is based on escalation factor considering CPI and WPI based on the average of last 5 years trued-up values (that too without consideration of efficiency gain/losses on O&M expenses). Such a change was affected without giving any opportunity to the stakeholders including the Petitioner to submit their suggestions/objections on the same.

- 2.6.8. This new approach adopted by the Hon'ble Commission will result in substantial losses to the Petitioner as it is likely that the Petitioner will not be able to meet its regular expenses including employee costs, R&M expenses and A&G expenses.
- 2.6.9. It is pertinent to highlight that owing to the implementation of the Government's Saubhagya Scheme in the last three financial years (i.e., FY 2017-18 onwards), Petitioner has added a significant consumer base leading to an increase in load, extension of LT Network and backbone distribution infrastructure. Accordingly, there is resultant significant increase in the O&M expenses.
- 2.6.10. As deliberated above, computation of O&M expenses as per the methodology provided under the MYT Regulations, 2019 will cause severe financial hardship to the Petitioner.
- 2.6.11. Petitioner submits that since the Hon'ble Commission has already trued up the O&M expenses for FY 2019-20, the same shall be considered as the base value rather than deriving the base value for FY 2019-20 as stipulated in Regulation 45 of MYT Regulations, 2019. In this context, it is submitted that, the Hon'ble Commission while truing-up for FY2019-20 has Trued-up O&M expenses and computations done by the Hon'ble Commission on the O&M expenses in the Tariff Order dated 29.07.2021 for the base year value (FY 2019-20) is as under:

**TABLE 2-8 TRUED UP AND BASE YEAR O&M EXPENSES FOR FY 2019-20 (IN RS. CR)**

Particulars	DVVNL	MVVNL	PVVNL	PUVVNL	KESCO	Total (in Crs.)
<b>Trued-up O&amp;M expenses</b>	1193.06	1433.57	1360.66	1804.31	246.43	6038.03
<b>Computed O&amp;M expenses</b>	1038.11	1256.36	1117.22	1528.79	239.36	5179.84

- 2.6.12. However, Hon'ble Commission while computing the O&M expenses in the Tariff Order dated 24.05.2023 has computed the base year value (FY 2019-20) which is less than the approved O&M Expenses and the same is shown in the table above.
- 2.6.13. It can be perceived from the above data that the Hon'ble Commission has itself estimated two different O&M Expenses for the same year. Thus, the Petitioner has considered the Trued up value for FY 2019-20 as a base value for the escalation of normative O&M Expenses for FY 2020-21 and subsequently for FY 2021-22, 2022-23 & 2023-24 as per MYT Regulations.
- 2.6.14. The Petitioner request the Hon'ble Commission to allow the O&M Expenses in line with the methodology proposed in the instant petition which is based on the Trued up O&M Expenses for FY 2019-20 and considering the applicable CPI escalation factors (for Employee Expenses) and WPI escalation factors (R&M Expenses and A&G Expenses).
- 2.6.15. It is further noted that, the Hon'ble Commission has also issued the Uttar Pradesh Electricity Regulatory Commission (Standard of Performance) Regulation, 2019 dated 16.12.2019 wherein stringent norms for Standards of Performance are to be followed by the Distribution Licensee for providing

various services to the consumers in a time bound manner failing which the Distribution Licensee is required to pay compensation.

- 2.6.16. Therefore, while the Hon'ble Commission has laid down stringent Standards of Performance which can only be complied with by enhancing the office and field workforce, implementation of various IT & Automation systems etc. entailing more expenditure on employees, R&M expenses and A&G expenses the prescribed norms for approval of O&M Expenses are such that even the existing manpower and facilities cannot be retained.
- 2.6.17. It is, therefore, submitted that these expenses are over and above the normative expense trajectory followed by the Hon'ble Commission. It is prayed before the Hon'ble Commission that a separate provision maybe allowed in order to reduce the hardship on account of the O&M expenses.

### *WPI and CPI Escalation Rates*

- 2.6.18. The Petitioner has considered the CPI and WPI inflation index as per Inflation/Escalation rate notified by Labour Bureau, Govt. of India ([http://labourbureau.gov.in/LBO\\_indexes.htm](http://labourbureau.gov.in/LBO_indexes.htm)) and Economic Advisor Govt. of India (<https://eaindustry.nic.in/>) respectively. The same is also mentioned below:

**TABLE 2-9 INFLATION INDICES**

FY	Index		Inflation rate	
	WPI	CPI	WPI	CPI
FY 2017-18	114.88	284.42	2.92%	3.08%
FY 2018-19	119.79	299.92	4.28%	5.45%
FY 2019-20	121.83	322.5	1.70%	7.53%
FY 2020-21	123.38	338.71	1.27%	5.03%
FY 2021-22	139.41	356.06	13.00%	5.12%
FY 2022-23	152.53	377.62	9.41%	6.05%
FY 2023-24	151.42	397.20	-0.73%	5.19%
FY 2024-25	154.02	406.66	1.72%	2.38%

### *Employee Expenses*

- 2.6.19. The Petitioner has considered the trued-up value for FY 2019-20 as approved by the Hon'ble Commission in Tariff Order for FY 2021-22. Thereafter, the Petitioner has considered same methodology and norms for the Truing-up of Employee Expenses for FY 2021-22 on the normative basis in terms of the norms prescribed under MYT Regulations, 2019.
- 2.6.20. It is imperative to highlight that the Petitioner is striving to improve its performance and focusing heavily on billing and collection. In order to improve its performance, the Petitioner has initiated the hiring of contractual person for the activities related to metering, billing and collection.
- 2.6.21. It is hereby submitted that as per the existing accounting policy the expense pertaining to the contractual person & expenses on spot billing centre is being recorded under A&G expenses, however the nature of these

expenses are in nature of employee expense. Therefore, the Petitioner respectfully request to the Hon'ble Commission may kindly recognise these expense over & above the normative employee expenses as submitted by the Petitioner and allow the same in true up for FY 2023-24.

- 2.6.22. It is important to note that due to the accounting practise Administrative and General Expenses (A&G) expenses increased substantially from FY 2017-18. Such expenses are recorded under the head of "Payment to Contractual Person", "Incidental Stores Expenses (Expenses Incurred on revenue realization)" and "Expenses on Spot Billing Centre" under A&G Expenses. It is noteworthy to mention that expense recorded under these heads were very less prior to FY 2018.
- 2.6.23. It is pertinent to highlight that the Hon'ble Commission as per provision (b) of Regulation 45 of MYT Tariff Regulations, 2019 depicts the methodology to derive O&M expenses which is based on the average of the Trued-up values for last five (5) financial years ending March 31,2019.
- 2.6.24. Further, it is important to highlight that the Petitioner started incurring high A&G expenses from FY 2018 as it started hiring of contractual person. Hence, the methodology adopted by the Hon'ble Commission supresses the base year value as the actual / trued up expenses were very less prior to FY 2018.
- 2.6.25. Since, the Hon'ble Commission is disallowing the actual A&G expense and adopts the partial approach of approving the lower of the audited/normative figures the Petitioner incurs substantial Financial loss.
- 2.6.26. Owing to such disallowance of the expenses which are in the nature of establishment expense under A&G expenses,the petitioner is unable to recover genuine establishment expenses. It is pertinent to submit that the Petitioner has started deployment of contractual manpower for the activities like spot billing, Revenue collection to reduce its establishment nature of fixed expenditure on a long term basis and expenses recorded under such heads purely involves Man-Power, the petitioner is bound to claim such expenses under Employee Expenses.
- 2.6.27. Hence, the Petitioner requests the Hon'ble Commission to recognize the said expenses as mentioned below as separate items of expenses and allow the same separately as a part of Employee Expenses over and above calculated by normative approach.

**TABLE 2-10 ADDITIONAL EMPLOYEE EXPENSES FOR FY 2023-24 (IN RS. CR)**

Particulars	MVVNL
Payment to Contractual Person	323.43
Expenses on Spot Billing Centre	177.86
<b>Total</b>	<b>501.29</b>

- 2.6.28. Below mentioned table shows the computation done by the petitioner for claiming Employee Expenses :

**TABLE 2-11 COMPUTED EMPLOYEE EXPENSES FOR FY 2023-24 (IN RS. CR)**

Particulars	Base Computed value (FY 2022-23) (Rs. Cr)	Average CPI Escalation of last 3 years.	Computed (Rs. Cr)
Employee Expenses	898.90	5.40%	947.45

2.6.29. The Normative Employee expenses approved by the Hon'ble Commission and Employee Expenses claimed including the additional Employee Expenses for FY 202 are shown in the Table below:

**TABLE 2-12 GROSS EMPLOYEE EXPENSES FOR FY 2023-24 (IN RS. CR)**

Sl No.	Particular	Approved in T.O. dtd. 24.05.2023	Claimed
A	Gross Employee Expenses after escalation	869.57	1,448.74
1	<i>Normative employee expense</i>		<i>947.45</i>
2	<i>Payment to Contractual Person</i>		<i>323.43</i>
3	<i>Expenses on Spot Billing Centre</i>		<i>177.86</i>
B	Less: Employee Expenses capitalized	450.88	264.92
<b>C</b>	<b>Net Employee Expenses Claimed</b>	<b>418.69</b>	<b>1,183.82</b>

### ***Repairs & Maintenance Expenses (R&M)***

2.6.30. The Petitioner has considered the trued-up value for FY 2019-20 as approved by the Hon'ble Commission is in Tariff order as base number. Thereafter, the Petitioner has considered same methodology and norms for the Truing-up of Repairs & Maintenance Expenses for FY 2023-24 on the normative basis in terms of the norms prescribed under the Tariff Regulations shown in the Table below:

**TABLE 2-13 COMPUTED R&M EXPENSES FOR FY 2023-24 (IN RS. CR)**

Particulars	Base Computed value (FY 2022-23) (Rs. Cr)	Average WPI Escalation of last 3 years.	Computed (Rs. Cr)
R&M Expenses	407.99	7.89%	440.18

2.6.31. The Normative R&M expenses approved by the Hon'ble Commission and Net R&M Expenses claimed for FY 2023-24 are shown in the Table below:

**TABLE 2-14 NORMATIVE R&M EXPENSES FOR FY 2023-24 (IN RS. CR)**

Sl No.	Particulars	Approved in T.O. dtd. 24.05.2023	Normative
1	Gross R&M Expenses after escalation	453.24	440.18
2	Less: R&M Expenses capitalized	0	0.00
<b>3</b>	<b>Net R&amp;M Expenses</b>	<b>453.24</b>	<b>440.18</b>

## Administrative and General Expense (A&G)

- 2.6.32. The Petitioner has considered the trued-up value for FY 2019-20 as approved by the Hon'ble Commission in Tariff Order as base number. Thereafter, the Petitioner has considered same methodology and norms for the Truing-up of Administrative and General Expense for FY 2023-24 on the normative basis in terms of the norms prescribed under the Tariff Regulations shown in the Table below:

**TABLE 2-15 COMPUTED A&G EXPENSES FOR FY 2023-24 (IN RS. CR)**

Particulars	Base Computed value (FY 2022-23) (Rs. Cr)	Average WPI Escalation of last 3 years.	Computed (Rs. Cr)
A&G Expenses	340.00	7.89%	366.83

- 2.6.33. The Normative A&G expenses approved by the Hon'ble Commission and Net A&G Expenses claimed for FY 2023-24 are shown in the Table below:

**TABLE 2-16 NORMATIVE A&G EXPENSES FOR FY 2023-24 (IN RS. CR)**

Sl No.	Particulars	Approved in T.O. dtd. 24.05.2023	Claimed
1	Gross A&G Expenses	325.43	366.83
2	Less: A&G expenses capitalized	-	-
3	<b>Net A&amp;G expenses</b>	<b>325.43</b>	<b>366.83</b>

## Smart Metering OPEX

- 2.6.34. It is hereby submitted that on 16.05.2018, the Hon'ble Commission directed UPPCL to submit the detailed roll out plan of installation of smart meters by UP Discoms for approval.
- 2.6.35. UPPCL submitted the smart meter roll out plan under OPEX Model to the Hon'ble Commission on 06.08.2018. In terms of the rollout plan Energy Efficiency Services Limited (EESL) will make the upfront capital investment during the built-up phase and will recover its investment out of gains of the project on OPEX basis. Accordingly, UP Discoms are required to pay monthly fee on OPEX basis as O&M expenditure to EESL on per meter per month basis. The per meter per month cost is calculated as total project cost spread over the actual recovery period, post integration of meters on per meter basis.
- 2.6.36. On 15.11.2018, Ld. UP Commission by its Order approved the Smart Meter rollout plan for State Discoms of Uttar Pradesh: -

Quote

*"DISCOM will pay EESL on OPEX basis as O&M expenditure. The assets will be in the books of EESL till the transfer of assets at the end of project at zero value.*

*[..]*

*"Since installation of Smart Meters is a national programme and has produced very*

*encouraging financial returns in private Discoms, the Commission approves the proposed roll out plan of UPPCL and Discoms submitted before the Commission .....* "

#### Unquote

- 2.6.37. Further, it is submitted that in terms of the National Tariff Policy 2016 (which has the force of law), MoP letter dated 08.09.2016 and the Hon'ble Commission's direction in Order dated 15.11.2018, UP Discoms are mandated to implement the Smart Meter rollout plan in the State of Uttar Pradesh.
- 2.6.38. The additional O&M component against this plan was computed on the basis of per meter per month rate mentioned in the above referred order of the Commission. The amount sought as 'Additional O&M Expenses under smart metering' is payable to implementation agency to cover cost towards smart meter and box installation, AMI software cost, consumer indexing, training, integration and commissioning of AMI solution.
- 2.6.39. It may be noted that this cost has been proposed to be recovered under Opex model based on per meter per month basis and there is no additional burden of depreciation, interest and return on equity on the consumer. Such expenditure qualifies as Statutory expenses. In the regulatory framework it is a settled position that Statutory expenses are uncontrollable factors and are to be allowed as pass through in distribution tariff. As a result, thereof UP Discoms have incurred and will continue to incur substantial additional expenditure as quoted above.
- 2.6.40. It is further added that this type of expenses was not envisaged during projection of MYT O&M norms for FY 2017-18 to FY 2019-20. Further, O&M Norms approved by the Hon'ble Commission were based on five-year Audited Accounts, which didn't have any O&M expenses towards smart metering. The amount of this additional O&M has been entered as rent in the replies of comments on roll out plan submitted to Hon'ble Commission vide MD, UPPCL letter no. 352/CE(Com-II)/Smart Meter/18 dt. 25.09.2018.
- 2.6.41. In view of the above it is submitted that the Hon'ble Commission completely being aware of the cost implication qua implementation of Smart Metering Rollout Plan has approved/allowed the same by its Order dated 15.11.2018.
- 2.6.42. Further, the approach of compensating the Opex cost with likely savings in billing and collection efficiency is not justified for the Licensee. Presently, the tariff is already being determined based on 100% collection efficiency, despite the actual percentage being substantially lower. Therefore, even if billing and collection efficiency increases by installation of smart meters, the same will not have any impact on the tariff of the Discoms.
- 2.6.43. Moreover, the Hon'ble Commission in its Order dated 15.11.2018 has itself noted that the UP Discoms would incur substantial Opex cost (to be paid to EESL) towards implementation of Smart Metering Rollout Plans. Hence, there is no reason to now disallow the said cost, which is a Statutory expense and has to be mandatorily incurred by the Licensee.



- 2.6.44. It is pertinent to highlight that the smart meter roll-out plan on Opex model was submitted to Hon'ble Commission well before its implementation.
- 2.6.45. Further, Hon'ble Commission while approving the roll-out plan has not stated that the cost envisaged under the Opex model would not be allowed to be passed on in the ARR. Moreover, Hon'ble Commission in its Tariff Order dated 03.09.2019 stated that it will carry out detailed analysis of the additional O&M expenses (on account of implementation of smart meter roll out plan) for FY 2018-19 at the time of truing-up.
- 2.6.46. Accordingly, license has a legitimate expectation that after approval of the smart meter roll out plan (Opex model) the cost to be incurred by the licensees would be allowed to be recovered in tariff. Hence, such disallowance at this belated stage would be contrary to the principle of regulatory certainty, which is embedded in the Electricity Act and policies framed thereunder.
- 2.6.47. Therefore, this expense shall be considered under the head of A&G expenses as additional expenses.
- 2.6.48. It is respectfully submitted that the Hon'ble Commission has adopted the RDSS philosophy and the associated distribution loss trajectory. However, the Commission estimates revenue for the licensees based on 100% collection efficiency, leaving no margin for efficiency improvement. Consequently, the expenses incurred for smart meters cannot be recovered through efficiency gains. Therefore, it is requested that the Hon'ble Commission may kindly allow the expenses as claimed by the Petitioner.
- 2.6.49. The Hon'ble Commission is requested to allow the smart meter Opex estimated by the Petitioner for FY 2023-24:

**TABLE 2-17 SMART METERING OPEX FOR FY 2023-24**

Particulars	Smart Meters installed till Mar-23	Smart Meters installed till Mar-24	Rate (Rs./meter/month) including GST@18%	OPEX (IN RS. CR)
FY 2022-23	3,80,731	3,80,731	101.42	46.34

- 2.6.50. The Hon'ble Commission is requested to approve the same.
- 2.6.51. Based on the above submission, the summary of the Operation & Maintenance expenses (O&M) approved in the Tariff Order for FY 2023-24 vis-a-vis the actual O&M expenses as per Audited Accounts and computed as normative are shown in the table below:

**TABLE 2-18 OPERATION & MAINTENANCE EXPENSES CLAIMED FOR FY 2023-24 (IN RS. CR)**

Particulars	Approved in T.O. dtd. 24.05.2023	Actual (A)	Claimed (B)
Repair & Maintenance expenses	453.24	374.2	440.18



Particulars	Approved in T.O. dtd. 24.05.2023	Actual (A)	Claimed (B)
Employee expenses	869.57	924.02	1,448.74
Administrative and General expenses	325.43	939.2	366.83
Gross O&M Expenses	1648.24	2237.42	2,255.75
Less:			
Employee expenses capitalized	450.88	264.92	264.92
Administrative and General expenses capitalized	-	-	-
Gross expenses Capitalized*	450.88	264.92	264.92
Smart Meter Opex	0	0	46.34
<b>Net O&amp;M Expenses</b>	<b>1197.36</b>	<b>1972.5</b>	<b>2,037.16</b>

\*Gross expenses Capitalized is claimed as per the book of account for FY 2023-24.

## 2.7. Capital Investment, Capitalisation and Financing

- 2.7.1. The Hon'ble Commission vide its order dated 13.08.2024 has approved the proposed investment plan under RDSS Scheme of the Petitioner. In light of the Commissions approval the Petitioner has incurred capital expenditure under RDSS Scheme to further strengthen the distribution network of the petitioner and will help in extending quality and reliable power supply in its license area.
- 2.7.2. Details of the capex under various schemes (submitted in the MYT Formats) are shown in the Table below.

**TABLE 2-19 CAPEX FOR FY 2023-24 (IN RS. CR)**

Schemes	Investments	Capitalisation
Other Schemes	1662.27	2108.80
ADB	252.57	-
IPDS	68.17	28.07
SAUBHAGYA YOJNA	39.56	0.00
RDSS	861.59	0.00
Intangible Assets	27.98	4.43
Total(A)	2912.14	2141.30
Employee Cost Capitalised (B)	-	264.92
Interest Expenses Capitalised (C)	-	-
<b>Total (D= A + B + C)</b>	<b>2912.14</b>	<b>2406.22</b>

- 2.7.3. Considering the Capital Work in Progress Balances (CWIP) and Gross Fixed Asset (GFA) balances as per audited accounts, the Petitioner has derived the actual capital investments undertaken by it during FY 2023-24. The details are provided in the table below:

**TABLE 2-20 CAPITAL INVESTMENT IN FY 2023-24 (IN RS. CR)**

Particulars	Derivation	Approved in T.O. 24.05.2023	Claimed
Opening WIP as on 1st April	A	1,832.87	1,434.03
Investments	B	1,018.99	*3,166.31
Employee Expenses capitalization	C	450.88	264.92
A&G Expenses Capitalisation	D	-	-
Interest Capitalisation on Interest on long term loans	E	-	-
<b>Total Investments</b>	<b>F= A+B+C+D+E</b>	<b>3,302.74</b>	<b>4,865.26</b>
Transferred to GFA (Total Capitalisation)	G	1,304.19	2,141.30
<b>Closing WIP</b>	<b>H=F-G</b>	<b>1,998.55</b>	<b>2,723.96</b>

\*Note : Investment claimed here is inclusive of advance to contractor and deductions as per audited balance sheet

- 2.7.4. The Table below summarises the amounts received towards consumer contributions, capital grants and subsidies in FY 2023-24:

**TABLE 2-21 CONSUMER CONTRIBUTIONS, CAPITAL GRANTS AND SUBSIDIES IN FY 2023-24 (IN RS. CR)**

Particulars	Approved in T.O. dtd. 24.05.2023	Claimed
Opening Balance of Consumer Contributions, Grants and Subsidies towards Cost of Capital Assets	5,738.28	6,159.01
Additions during the year includes consumer contribution and grants	-	503.26
Less: Amortisation on consumer contribution part only	-	202.41
<b>Closing Balance</b>	<b>5,738.28</b>	<b>6,459.86</b>

- 2.7.5. As discussed in above tables, the capital investment eligible for financing after deducting consumer contribution and grant is shown in the table below. The Petitioner has considered the same approach as in previous Orders and therefore, considered the funding of capital expenditure in the ratio of 70:30. Considering this approach, 70% of the capital expenditure undertaken during the year has been financed through loan and balance 30% has been financed through equity contributions.

**TABLE 2-22 FINANCING OF THE CAPITAL INVESTMENTS IN FY 2023-24 (IN RS. CR)**

Particulars	Derivation	Approved in T.O. dtd. 24.05.2023	Claimed
Total Investment during the year (Asset Put to use)	A	1,304.19	2,141.30
Less:		-	-

Particulars	Derivation	Approved in T.O. dtd. 24.05.2023	Claimed
Consumer Contribution, Grants and De-captlizations	B	-	503.26
Investment funded by debt and equity	C=A-B	1,304.19	1,638.04
Debt Funded	70% of C	<b>912.93</b>	<b>1,146.63</b>
Equity Funded	30% of C	<b>391.26</b>	<b>491.41</b>

## 2.8. Interest & Finance Charges

### Interest on Long Term Loan

- 2.8.1. The petitioner has considered the same approach for the estimation of Interest on long Term Loan as approved by the Hon'ble Commission in its previous Tariff order. Petitioner had considered a normative tariff approach with a debt equity ratio of 70:30. Considering this approach, 70% of the capitalization undertaken (after deducting consumer contributions, capital subsidies and grants) in any year was financed through loan and balance 30% has been financed through equity contributions. The portion of capital expenditure financed through consumer contributions, capital subsidies and grants are separated and the depreciation, interest and return on equity thereon was not charged to the consumers. The amounts received as consumer contributions, capital subsidies and grants were traced from the audited accounts. Subsequently, the financing of the capital investment was worked out based on the debt equity ratio of 70:30 and allowable depreciation was considered as normative loan repayment.
- 2.8.2. The Petitioner has worked-out the interest on long term loan based on the same philosophy.
- 2.8.3. The opening balance of long term loan has been considered equivalent to the closing loan balance for FY 2022-23 as approved by the Hon'ble Commission in Tariff Order for FY 2024-25 dated 24.05.2023.
- 2.8.4. Allowable depreciation for the year has been considered as normative loan repayment. The actual weighted average rate (Details are submitted in Format F 31 of the MYT Tariff Formats) as per audited accounts has been considered for computing the eligible interest expenses.
- 2.8.5. Considering the above, the interest on long term loan has been computed below. The interest capitalisation has been considered as per audited accounts. The computations for interest on long term loan are shown in table below:

**TABLE 2-23 ALLOWABLE INTEREST ON LONG TERM LOAN FOR FY 2023-24 (IN RS. CR)**

Particulars	Approved in T.O. dated 24.05.2023	Claimed
Opening Loan	4039.44	3722.06
Additions (70% of Capitalization net	912.93	557.47

Particulars	Approved in T.O. dated 24.05.2023	Claimed
of Consumer Contribution and Grants)		
Less: Repayments (Depreciation allowable for the year)	510.30	477.38
Closing Loan Balance	4442.08	3802.15
Weighted Average Rate of Interest	10.91%	10.13%
<b>Interest on Long term loan</b>	<b>462.67</b>	<b>381.27</b>
Less: Interest Capitalized	-	-
<b>Net Interest on Loan term loan</b>	<b>462.67</b>	<b>381.27</b>

- 2.8.6. The Petitioner requests the Hon'ble Commission to allow interest on long-term loans for FY 2023-24 as computed in above table.

### **Interest on Consumer Security Deposits**

- 2.8.7. The Petitioner humbly submits that the actual interest on consumer security deposit paid during FY 2023-24 as per audited accounts for FY 2023-24 against the approved figures in the Tariff Order is given in the table below.

**TABLE 2-24 INTEREST ON SECURITY DEPOSIT FOR FY 2023-24 (IN RS. CR)**

Particulars	Approved in T.O. dated 24.05.2023	Claimed
Total Consumer Security Deposit	806.83	868.37
Interest on Security Deposit	33.45	30.58

- 2.8.8. The Petitioner requests the Hon'ble Commission to approve the consumer security deposit paid during FY 2023-24 as per audited accounts for FY 2023-24 given in the table above.

### **Bank and Finance Charge**

- 2.8.9. The Petitioner humbly submits that is has incurred bank and finance charges as per the audited accounts for FY 2023-24 towards expenditures like bank charges, finance charges, etc. The Petitioner requests to approve the same.

**TABLE 2-25 BANK AND FINANCE CHARGES FOR FY 2023-24 (IN RS. CR)**

Particulars	Claimed
Bank and Finance Charges	13.04

## **2.9. Interest on Working Capital**

- 2.9.1. The Petitioner worked-out interest on working capital for FY 2023-24 as per Regulation 25 of the Multi Year Tariff Distribution Regulations, 2019. The Regulation 25 is quoted below:

### **“25. Interest on Working Capital**

## 25.2 Distribution Business

(a) The working capital requirement of the Distribution Business shall cover:

- (i) Operation and maintenance expenses for one month;
- (ii) Maintenance spares at 40% of the R&M expenses for two months; and
- (iii) One and half month equivalent of the expected revenue from charges for use of Distribution system at the prevailing Tariff (excluding Electricity Duty);

**minus**

- (iv) Amount held as security deposits from Distribution System Users:

*Provided that for the purpose of Truing-Up for any year, the working capital requirement shall be re-computed on the basis of the values of components of working capital approved by the Commission in the Truing- Up;*

- (b) Rate of interest on working capital shall be simple interest and shall be equal to the SBI MCLR (1 Year) on October 01, 2019 plus 250 basis points:

*Provided that for the purpose of Truing-Up for any year, simple interest on working capital shall be allowed at a rate equal to the weighted average SBI MCLR (1 Year) prevailing during the concerned Year plus 250 basis points.*

- (c) Interest shall be allowed on consumer security deposits as per the provisions of the Electricity Supply Code, 2005 and its subsequent amendments/ addendums and the new Regulations made after repeal of the same.”

2.9.2. The detailed working of Interest on Working Capital for FY 2023-24 is shown in table below:

**TABLE 2-26 INTEREST ON WORKING CAPITAL FOR FY 2023-24 (IN RS. CR)**

Particulars	Derivation	Approved in T.O. dtd. 24.05.2023	Claimed
One Month's O&M Expenses	A	99.78	165.90
One and half months equivalent of the expected revenue from charges for use of Distribution system at the prevailing Tariff (excluding Electricity Duty)	B	2,285.06	2,325.44
Maintenance spares @ 40% of R&M expenses for two month	C	30.22	29.35
Less: Security Deposit from	D	806.83	868.37

Particulars	Derivation	Approved in T.O. dtd. 24.05.2023	Claimed
consumers, if any			
<b>Total Working Capital Requirement</b>	<b>E = A+B+C-D</b>	<b>1,608.23</b>	<b>1,652.32</b>
Interest rate (actual wt. avg. MCLR rate of SBI for FY20 Plus 250 basis points)	F	10.20%	11.15%
<b>Interest on Working Capital</b>	<b>G = E x F</b>	<b>164.04</b>	<b>184.23</b>

2.9.3. The following table summarizes the Interest and Finance charges claimed by the Petitioner as against those approved by the Hon'ble Commission in the Tariff Order for FY 2023-24.

**TABLE 2-27 INTEREST AND FINANCE CHARGES FOR FY 2023-24 (IN RS. CR)**

Particulars	Approved in T.O. dtd. 24.05.2023	Claimed
<b>A: Interest on Long Term Loans</b>		
Gross Interest on Long Term Loan	462.67	381.27
Less: Interest Capitalization	-	-
<b>Net Interest on Long Term Loans</b>	<b>462.67</b>	<b>381.27</b>
<b>B: Finance and Other Charges</b>	-	-
Interest on Consumer Security Deposits	33.45	30.58
Bank/ Finance Charges	-	13.04
<b>Total Finance Charges</b>	<b>33.45</b>	<b>43.62</b>
	-	-
<b>C: Interest on Working Capital</b>	<b>164.04</b>	<b>184.23</b>
	-	-
<b>Total (A+B+C)</b>	<b>660.16</b>	<b>609.12</b>

2.9.4. The Petitioner requests the Hon'ble Commission to approve the Interest and Finance charges as shown in the above Table.

## 2.10. Depreciation

- 2.10.1. It is pertinent to highlight that the Hon'ble Commission in its MYT Regulations, 2019 has changed the methodology for calculating depreciation. In erstwhile MYT Tariff Regulations, 2014 Depreciation was calculation based on WDV method whereas as per MYT Regulations, 2019 the same is calculated based on SLM method. The relevant clause of MYT Regulation, 2019 is mentioned below for reference.

*Regulation 21: Depreciation*

.....

*“(b) Depreciation shall be computed annually based on. the Straight- Line Method at the rates stipulated in the **Annexure- A** to these Regulations.”*

.....

- 2.10.2. The Hon'ble Commission has also directed the licensees to maintain a separate individual asset wise Gross Block and Depreciation for assets capitalized after 1.4.2020 and separately from the Gross Block before 01.04.2020. Accordingly, from FY 2020-21 onwards the licensees have maintained two separate Gross Blocks one for assets up to 31.03.2020 (Part-A) and second for assets after 01.04.2020 (Part B) from 01.04.2020 onwards.
- 2.10.3. To calculate the depreciation for Part- A for assets capitalised before 01.04.2020, the petitioner has taken last Commission approved closing GFA for Part-A. This closing GFA is considered as Opening GFA for FY 2020-21 so that the depreciation can be calculated by SLM methodology in line with regulation of the Hon'ble Commission.
- 2.10.4. The Petitioner has computed the allowable depreciation expense on the GFA base as per audited accounts for FY 2023-24 and at the rates stipulated by Hon'ble Commission in Annexure A of MYT Regulations, 2019. The Petitioner has computed the depreciation only on the depreciable asset base and has excluded the non-depreciable assets such as land, land rights, etc. Further, the Petitioner has traced the figures in respect of depreciation charged on assets created out of consumer contributions, capital grants and subsidies from the audited accounts for FY 2023-24. This equivalent depreciation amounting has been reduced from the allowable depreciation for FY 2023-24. Moreover, the depreciation has been calculated in two parts (Part A & B) for the asset blocks depreciated before 01.04.2020 and asset blocks depreciated as on 01.04.2020 as per the SLM methodology prescribed in MYT Regulations, 2019. The deduction is GFA is considered as per actual. Addition to GFA is considered in GFA for assets after 01.04.2020. The Petitioner requests the Hon'ble Commission



to approve the same. Considering this philosophy, the gross entitlement towards depreciation has been computed as shown in the Tables below:

**TABLE 2-28 GROSS ALLOWABLE DEPRECIATION FOR FY 2023-24 (IN RS. CR) PART A**

GROSS ALLOWABLE DEPRECIATION FOR ASSETS BEFORE 01.04.2020 OF MVNL FOR FY 2023-24 (IN RS. CR) PART A								
S.No.	Particulars	Opening GFA (as on 31.03.2023)	Cumulative Depreciation	Deduction to GFA	Closing GFA	Average GFA	Depreciation Rate	Allowable Gross Depreciation
1	Land & Land Rights	1.07	-	-	1.07	1.07	0.00%	-
2	Buildings	182.32	-	-	182.32	182.32	3.34%	6.09
3	Other Civil Works	14.27	-	-	14.27	14.27	3.34%	0.48
4	Plant & Machinery						5.28%	
5	Lines, Cables, Network etc.	3,321.12	-	247.90	3,073.22	3,197.17	5.28%	168.81
6	Vehicles	5.55	-	0.09	5.46	5.51	9.50%	0.52
7	Furniture & Fixtures	9.59	-	-	9.59	9.59	6.33%	0.61
8	Office Equipments	76.48	-	-	76.48	76.48	6.33%	4.84
9	Intangible Assets	-	-	-	-	-	15.00%	-
10	<b>Total Fixed Assets</b>	<b>3,610.40</b>	<b>-</b>	<b>247.98</b>	<b>3,362.42</b>	<b>3,486.41</b>	<b>5.20%</b>	<b>181.35</b>
11	Non depreciable assets (Land & Land Rights)	<b>1.07</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
12	<b>Depreciable assets</b>	<b>3,609.33</b>	<b>-</b>	<b>247.98</b>	<b>3,362.42</b>	<b>3,486.41</b>	<b>5.20%</b>	<b>181.35</b>

**TABLE 2-29 GROSS ALLOWABLE DEPRECIATION FOR FY 2023-24 (IN RS. CR) PART B**

GROSS ALLOWABLE DEPRECIATION FOR ASSETS AFTER 01.04.2020 OF MVNL FOR FY 2023-24 (IN RS. CR) PART B									
S.No.	Particulars	Opening GFA net of Grant (as on 01.04.2023)	Addition to GFA	Deduction of Grants	Deduction to GFA	Closing GFA	Average GFA	Depreciation Rate	Allowable Gross Depreciation
1	Land & Land Rights	0.31	-		-	0.31	0.31	0.00%	-
2	Buildings	117.19	10.02		-	127.21	122.20	3.34%	<b>4.08</b>



GROSS ALLOWABLE DEPRECIATION FOR ASSETS AFTER 01.04.2020 OF MVVNL FOR FY 2023-24 (IN RS. CR) PART B									
S.No.	Particulars	Opening GFA net of Grant (as on 01.04.2023)	Addition to GFA	Deduction of Grants	Deduction to GFA	Closing GFA	Average GFA	Depreciation Rate	Allowable Gross Depreciation
3	Other Civil Works	4.16	-		-	4.16	4.16	3.34%	<b>0.14</b>
4	Plant & Machinery	2,712.02	1,357.69		573.70	3,496.01	3,104.01	5.28%	<b>163.89</b>
5	Lines, Cables, Network etc.	5,715.84	767.34		19.75	6,463.43	6,089.63	5.28%	<b>321.53</b>
6	Vehicles	2.15	-		0.21	1.94	2.04	9.50%	<b>0.19</b>
7	Furniture & Fixtures	4.47	0.34		-	4.81	4.64	6.33%	<b>0.29</b>
8	Office Equipments	59.02	1.48		-	60.50	59.76	6.33%	<b>3.78</b>
9	Intangible Assets	27.98	4.43		-	32.41	30.20	15.00%	4.53
10	<b>Total Fixed Assets</b>	<b>8,643.14</b>	<b>2,141.30</b>		<b>593.67</b>	<b>10,784.44</b>	<b>9,713.79</b>	<b>5.13%</b>	<b>498.45</b>
11	Non depreciable assets (Land & Land Rights)	0.31	-		-	-	-	-	-
12	<b>Depreciable assets</b>	<b>8,642.83</b>	<b>2,141.30</b>		<b>593.67</b>	<b>10,784.44</b>	<b>9,713.79</b>	<b>5.13%</b>	<b>498.45</b>

- 2.10.5. Accordingly, the depreciation as approved by the Hon'ble Commission in its Tariff Order FY 2023-24 and as computed above is shown as under:

**TABLE 2-30 NET ALLOWABLE DEPRECIATION FOR FY 2023-24 (IN RS. CR)**

Particulars	Approved in T.O. dtd. 24.05.2023	Claimed
Gross Allowable Depreciation	510.30	679.79
Less: Equivalent amount of depreciation on assets acquired out of the Consumer Contribution and GoUP Subsidy	-	202.41
<b>Net Allowable Depreciation</b>	<b>510.30</b>	<b>477.38</b>

### **2.11. Provision for Bad and Doubtful Debts**

- 2.11.1. The Regulation 46 of the MYT Distribution Regulations, 2019 provides for expenses under bad and doubtful debts to the extent of 2% of the revenue receivables as specified below:

*“46.1. For any Year, the Commission may allow a provision for write off of bad and doubtful debts up to 2% of the amount shown as Revenue Receivables from sale of electricity in the audited accounts of the Distribution Licensee for that Year or the actual write off of bad debts, whichever is less:*

*Provided further that such provision allowed by the Commission for any Year shall not exceed the actual provision for write off of bad and doubtful debts made by the Distribution Licensee in the audited accounts of that Year:*

*Provided that the Commission, in its ARR / Tariff Order, may provisionally approve provision for write off of bad and doubtful debts based on the actual provision for write off of bad and doubtful debts made by the Distribution Licensee in the latest Audited Accounts available for the Petitioner, and as allowed by the Commission:*

*Provided further that if subsequent to the write off of a particular bad debt, revenue is realised from such bad debt, the same shall be included under the Non-Tariff Income of the year in which such revenue is realised.”*

- 2.11.2. The Petitioner has computed bad and doubtful debts at 2% of the revenue receivables as per audited accounts of FY 2023-24.

**TABLE 2-31 ALLOWABLE PROVISION FOR BAD AND DOUBTFUL DEBTS  
FOR FY 2023-24 (IN RS. CR)**

Particulars	Approved in T.O. dtd. 24.05.2023	Claimed
Total Revenue Receivables from Retail Sales	18,280.49	14,580.48
% of Provision for Bad and Doubtful Debts	1.60%	2.00%
Bad and Doubtful Debts as per governing regulations	291.73	291.61
Bad and Doubtful Debts as per Audited Account	NA	3,136.62
Bad Debt Claimed	<b>NA</b>	<b>291.61</b>

2.11.3. The Petitioner requests to approve the bad debts claimed in above Table.

## **2.12. Return on Equity**

2.12.1. The Regulation 22 of the Distribution MYT Regulations, 2019 provides for return on equity @15% as specified below:

*“22.1 Return on equity shall be computed in Rs. terms on equity base at the rate of 14.5% post-tax per annum for the Transmission Licensee and at the rate of 15% post-tax per annum for Distribution Licensee respectively as determined in accordance with Regulation 20:*

*Provided that assets funded by Consumer Contribution / Deposit works, Capital Subsidies / Grants and corresponding Depreciation shall not form part of the Capital Cost. Actual Equity infused by the Licensee as per book value shall be considered and shall be used for computation in these Regulations.”*

2.12.2. The Petitioner has considered closing equity approved by the Hon'ble Commission in its true up Order for FY 2021-22 as opening for FY 2023-24. Equity addition during the year has been considered 30% of GFA addition during the year net of consumer contribution, capital subsidies/ grants and de-capitalization.

2.12.3. The Return on Equity (RoE) for FY 2023-24 is shown below:

**TABLE 2-32 RETURN ON EQUITY ROE FOR FY 2023-24 (IN RS. CR)**

Particulars	Approved in T.O. dtd. 24.05.2023	Claimed
Opening Equity	3,721.22	3,582.23
Additions (30% of Capitalization net of Consumer Contribution, Grants and de-capitalization )	391.26	238.92
Closing Equity	4,112.48	3,821.15
Rate of Return on Equity (%)	15%	15%

Particulars	Approved in T.O. dtd. 24.05.2023	Claimed
Allowable Return on Equity	<b>567.94</b>	<b>555.25</b>

- 2.12.4. The Petitioner requests the Hon'ble Commission to approve the RoE as claimed in the above Table.

### 2.13. Revenue from Sale of Power

- 2.13.1. The audited accounts have reported the actual revenue from sale of power to be **Rs. 14,580.48 Crores** towards electricity Sales of **24,077.49 MUs**. The petitioner requests the Hon'ble Commission to approve the same.

### 2.14. Non-Tariff Incomes (NTI)

- 2.14.1. Hon'ble BERC in its TO dated: 26, March 2021 has allowed the Discom of Bihar not to treat Financing Cost of DPS as NTI. Further the financing cost incurred on the principal amount on which the DPS was charges was reduced from Total NTI to arrive at Net NTI. The relevant extract of the same is mentioned below:

*"4.21.23 Petitioners, in their submission, have considered the financing cost on DPS (Rs. 134.66 Crore for NBPDC and Rs. 60.15 Crore for SBPDCL) and adjusted the same against the non-tariff income and net non-tariff income claimed in truing up for FY 2019-20. Commission found the claim of petitioner's in line with the methodology considered by the Commission for financing of outstanding dues and the judgment of the APTEL dated 30 July, 2010 in Appeal No. 153 of 2009 between North Delhi Power Ltd. Vs DERC. The Judgement given by APTEL is as below-*

*Para 58(i). .... Therefore, the State Commission is directed to rectify its computation of the financing cost relating to the late payment surcharge for the FY 2007-08 at the prevalent market lending rate during that period keeping in view the prevailing Prime Lending Rate."*

- 2.14.2. Furthermore, it can also be seen from above para that Ld. Bihar Commission has relied on APTEL Judgment dated 30 July, 2010 wherein the state commission of Delhi was directed to rectify the computation of financing cost relating to DPS.
- 2.14.3. The Petitioner has recorded the below amount under impact of UPERC Facilitation of Telecommunication Regulations, 2022 against renting of its assets for telecommunication/5G activities as per the practise the same has been captured in the balance sheet of the FY 2023-24 under miscellaneous receipt. It is submitted that the impact of revenue realized as per the regulation only 70% of the revenue realized under these activities has been considered under NTI.

**TABLE 2-33 Revenue Realized under Renting of Pole/5G Activities FY 2023-24 (IN RS. CR)**

S.No.	Particulars	Revenue Realized (in Cr.)
1	Revenue Realized under	14.29

S.No.	Particulars	Revenue Realized (in Cr.)
	Renting of Pole/5G Activities	
2	Revenue under these activities considered under NTI	10.00

2.14.4. It is pertinent to highlight that the Hon'ble Commission in its last Tariff Order directed to demonstrate the genuineness and need of financing DPS for allowing the same. It is submitted that Principal amount on which the DPS was charged to consumers was Rs. 508.08 Cr. which is substantially high and cannot be managed by working capital. Hence financing of DPS was required to carry out the smooth working of Discom. The Discom has incurred Rs. 236.05 Cr as per Rate of Interest used to calculate Interest on working capital. This expense incurred is towards the financing of DPS for smooth operation.

2.14.5. Accordingly, the Petitioner is claiming the financing costs of DPS as shown in the Table below:

**TABLE 2-34 FINANCING COSTS OF DPS FOR FY 2023-24 (IN RS. CR)**

Particulars	FY 2023-24
Delayed payment Surcharge Received	508.08
DPS grossed-up at 2% per month	24.00%
Amount after grossing-up of DPS	2,117.00
Applicable interest rate for working capital finance	11.15%
Financing costs of DPS	<b>236.05</b>

2.14.6. Further the Petitioner has worked out the additional interest incurred for funding the Cash gap due to delay in payment by consumers, etc. as shown in table below. The same is worked out from the Audited balance sheet of the petitioner.

**TABLE 2-35 ADDITIONAL INTEREST INCURRED FOR FUNDING FY 2023-24 (IN RS. CR)**

Total Interest Incurred in FY 2023-24 (Rs. Cr) (A)	Total Interest and Finance Charges claimed (Rs. Cr) (B)	Additional Interest incurred by Discoms for funding the Cash gap due to delay in payment by consumers, etc (Rs. Cr.) [A-B]
1,739.53	609.12	1,130.41

2.14.7. However, the Petitioner is claiming only Normative Financing Cost of DPS as show in above Paras.

2.14.8. The approved and claimed non-tariff income is shown in table below:

**TABLE 2-36 NON- TARIFF INCOME FOR FY 2023-24 (IN RS. CR)**

Particulars	Approved in T.O. dated 24.05.2023	Claimed
Income form Investment		
Fixed Deposit / DPS		508.08
Rents		0.06
Interest income on loans / advances to employees;		-
Interest on Advances to Suppliers / Contractors		-
Miscellaneous Receipts from consumers (Inclusive for Revenue from 5G 70%)		82.66
Less: Financing cost of DPS		236.05
<b>Total</b>	<b>278.79</b>	<b>446.64</b>

2.14.9. The Petitioner requests the Hon'ble Commission to allow the cost of financing of DPS as a part of the Non-Tariff income claimed in above Table.

### 2.15. GoUP Subsidy

2.15.1. The details of GoUP subsidy for FY 2023-24 as received during FY 2023-24 is shown in the Table below:

**TABLE 2-37 GOUP SUBSIDY FOR FY 2023-24 (IN RS. CR)**

Particulars	Actual Receipt
MVVNL	4023.07

### 2.16. Aggregate Revenue Requirement (ARR) for FY 2023-24

2.16.1. The Aggregate Revenue Requirement for FY 2021-22 after final truing up is summarised in the table below:

**TABLE 2-38 AGGREGATE REVENUE REQUIREMENT (ARR) FOR FY 2023-24 (IN RS. CR)**

S.No	Particulars	True-Up Year FY 2023-24		
		Approved in TO dated 24.05.2023	Audited	Claimed
I.	<b>Power Purchase or Energy Available at Discom Periphery (MU)</b>	27,115.56	28,313.14	28,313.14
II.	<b>Sale of Power (MU)</b>	24,333.50	24,077.49	24,077.49
III.	<b>Distribution Loss (%)</b>	10.26%	14.96%	14.96%
<b>A</b>	<b>Expenditure</b>			
a	Cost of Power Procurement	14,735.36	15,521.51	15,521.51
b	Transmission and Load Dispatch Charges	716.12	739.27	739.27
c	Gross O&M Expenses			
i	R&M Expense	453.24	374.20	440.18

S.No	Particulars	True-Up Year		
		FY 2023-24		
		Approved in TO dated 24.05.2023	Audited	Claimed
ii	Employee Expenses	869.57	924.02	1,448.74
iii	A&G Expense	325.43	939.20	366.83
e	Total Gross O&M expenses (i+ii+iii)	1,648.24	2,237.42	2,255.75
f	Smart Metering OPEX	-	-	46.34
g	Depreciation	510.30	882.53	477.38
h	Interest on Long-Term Loan	462.67	232.02	381.27
i	Interest on Security Deposit from Consumers and Distribution system Users	33.45	30.58	30.58
j	Finance/Bank Charges	-	13.04	13.04
k	Interest on Working Capital	164.04	1,463.89	184.23
l	Bad and Doubtful debts	291.73	3,136.62	291.61
m	Return on Equity	567.94	-	555.25
n	Income Tax	-	-	-
	<b>Total Expenditure (A)</b>	<b>19,129.85</b>	<b>24,256.88</b>	<b>20,496.23</b>
	<b>Less:</b>			
o	<b>Interest Capitalisation</b>	-	-	-
p	<b>Employee Capitalisation</b>	450.88	264.92	264.92
<b>B</b>	<b>Net Expenditure (A-q-r)</b>	<b>18,678.97</b>	<b>23,991.96</b>	<b>20,231.31</b>
C	Less: Non Tariff Income	278.79	686.97	446.64
<b>D</b>	<b>Net Annual Revenue Requirement of Licensee(B-C)</b>	<b>18,400.18</b>	<b>23,304.99</b>	<b>19,784.67</b>
	<b>Receipts</b>	-	-	-
a	Revenue Assessment at Payable Tariff	18,280.49	14,580.48	14,580.48
b	Income from other Business	-	-	-
c	Revenue from Open Access Customers	-	-	-
<b>E</b>	<b>Total Revenue (a+b+c)</b>	<b>18,280.49</b>	<b>14,580.48</b>	<b>14,580.48</b>
F	(Shortfall)/Excess before tariff revision impact (E-D)	(119.69)	(8,724.51)	(5,204.19)
<b>G</b>	Govt. Subsidy Received/Declared	-	4,023.07	4,023.07
<b>H</b>	<b>(Shortfall)/Excess(H+J)</b>	<b>(119.69)</b>	<b>(4,701.44)</b>	<b>(1,181.12)</b>



### 3. Annual Performance Review (APR) for FY 2024-25

#### 3.1. Consumption Parameters: Consumer Numbers, Connected Load and Sales

- 3.1.1. It is submitted that there is deviation in approved sales and revised sales for FY 2024-25. Further, Sales are derivative of demand which is also uncontrollable in nature.
- 3.1.2. The Category-wise approved billing determinants vis-à-vis revised billing determinants for FY 2024-25 is shown in the Table below:

**TABLE 3-1: REVISED CONSUMPTION PARAMETERS FOR FY 2024-25**

Category	Approved			Revised Estimate		
	Consumers (Nos)	Load (kW)	Sales (MU)	Consumers (Nos)	Load (kW)	Sales (MU)
LMV-1 Domestic Light Fan & Power	9080958	11465959.00	15050.91	9019827	12232192	14942.17
LMV-2-Non Domestic Light Fan & Power	517173	1529966.00	2127.79	560446	1581087	2620.87
LMV-3 Public Lamps	2371	78599.00	324.97	11576	71270	515.01
LMV-4 Light, Fan & Power for Public/Private Institution	57664	205139.00	339.2	105568	295224	606.77
LMV-5 Private Tube Well/Pumping Sets	308681	1612964.00	2774.92	306975	1456150	2746.37
LMV-6 Small & Medium Power upto 100 hp/75kw	34709	381706.00	604.25	26016	333132	452.10
LMV-7 Public Water Works	16625	270033.00	1435.21	16896.00	254650	802.85
LMV-9 Temporary Supply	12116	28060.00	40.54	13649	34453	51.71
LMV -11 Electrical Vehicles	140	10097.00	8.34	359	12194	22.06
HV-1 Non Industrial Bulk Load	1760	580018.00	1091.78	1928	590247	1217.78
HV-2 Large & Heavy Power above 100 BHP (75 kW)	2907	1009332.00	2165.93	3022	1041783	2685.31
HV-3 Railway Traction	2	13714.00	37.23	2	12000	17.02
HV-4 Lift Irrigation & P. Canal above 100BHP (75kW)	32	29150.00	84.86	17	24136	46.19
Extra State Consumer	1	5000.00	26.51	1	5000	13.00
<b>Total</b>	<b>10035140</b>	<b>17219737</b>	<b>26112.43</b>	<b>10066282</b>	<b>17943516</b>	<b>26739.26</b>



### 3.2. Distribution Loss

- 3.2.1. UP State-owned Distribution Licensee are in process of implementing of Revamp Distribution Sector Scheme in the State. Accordingly, based on the RDSS trajectory of distribution loss which has been approved by the Commission in its tariff order dated 10.10.2024, MVVNL has estimated the Loss trajectories for FY 2024-25 in below table:

**TABLE 3-2 DISTRIBUTION LOSS CONSIDERED FOR FY 2024-25**

Distribution Loss	FY 2024-25
MVVNL	14.20%

### 3.3. Energy Balance

- 3.3.1. The Energy Balance as approved by the Hon'ble Commission vis-à-vis normative Energy Balance for FY 2024-25 is shown in the Table below:

**TABLE 3-3 ENERGY BALANCE FOR FY 2024-25**

Particulars	Approved in T.O. dtd. 10.10.2024	Revised Estimated
Retail Sales	26112.43	26739.26
Distribution Losses	14.20%	14.20%
Energy at Discom Periphery for Retail Sales	30434.07	31164.64
Intra-State Transmission Losses	3.18%	3.18%
Energy Available at State periphery for Transmission	31433.66	32188.23
Energy Purchase from Stations connected to Intra-State Transmission network (UPPTCL)	20065.28	21495.45
Energy Purchase from Stations connected to Inter-State Transmission network (PGCIL)	11368.38	10692.78
Inter-State Transmission Loss	3.77%	6.40%
Net Energy Received from Stations connected to Inter-State Transmission network at UPPTCL Periphery (Ex-Bus)	11813.76	11423.87
Power Purchase Required & Billed Energy (MU) (Ex-Bus)	31879.04	32919.32

### 3.4. Power Purchase Expense

- 3.4.1. UPPCL is procuring power on behalf of Discoms at consolidated level. Accordingly, the Power Purchase section represents the consolidated power purchase at UPPCL level. The consolidated energy balance (detailed Energy Balance with further break-up of inter-State energy has been submitted in Format F13L of MYT Formats) for FY 2024-25 is as follows: -

**TABLE 3-4 CONSOLIDATED ENERGY BALANCE FOR FY 2024-25**

Particulars	Approved in T.O. dated 10.10.2024	Revised Estimate
Retail Sales	122754.21	126152.01
Distribution Losses	13.09%	13.12%
Energy at Discom Periphery for Retail Sales	141244.30	145210.65
Intra-State Transmission Losses	3.18%	3.18%
Energy Available at State periphery for Transmission	145883.3957	149980.0133
Energy Purchase from Stations connected to Intra-State Transmission network (UPPTCL)	94326.62	100432.50
Energy Purchase from Stations connected to Inter-State Transmission network (PGCIL)	51556.78	49547.51
Inter-State Transmission Loss	3.47%	6.49%
Net Energy Received from Stations connected to Inter-State Transmission network at UPPTCL Periphery (Ex-Bus)	53578.06	52986.67
<b>Power Purchase Required &amp; Billed Energy (MU) (Ex-Bus)</b>	<b>1,47,904.68</b>	<b>1,53,419.17</b>

3.4.2. The Power Purchase Cost for FY 2024-25 is estimated based on the audited data available for Power Purchase quantum and Cost for FY 2024-25 available till Sep'24. The power purchase cost details for FY 2024-25 is depicted as below: -

**TABLE 3-5 GENERATING STATION WISE POWER PURCHASE COST FOR FY 2024-25**

S. No	Source of Power (Station wise)	FY 2024-25								
		Units (MU)	Annual Fixed Charges		Annual Energy/ Variable Charge		Annual Other Cost		Total Cost	Avg. Cost of Energy at Generator Bus
			(Rs. / kWh)	(Rs. Cr.)	(Rs. / kWh)	(Rs. Cr.)	(Rs. / kWh)	(Rs. Cr.)		
	<b>Long term Sources</b>									
<b>a</b>	<b>Power procured from own Generating Stations (if any)</b>									
<b>b</b>	<b>From State Generating Stations Thermal</b>									
1	ANPARA-A	3,683.26	0.48	176.96	2.31	849.64		-	1,026.60	2.79
2	ANPARA-B	6,163.88	0.53	324.72	2.05	1,262.45		-	1,587.17	2.57
3	PANKI	-	-	-	-	-		-	-	-
4	PARICHHA	-	-	10.84	-	-		-	10.84	
3	PARICHHA EXT.	2,529.41	1.4	353.97	3.5	885		-	1,238.97	4.9
4	OBRA-A	-	-	-		-		-	-	
5	OBRA-B	4,461.02	2.19	978.65	2.9	1,294.71		-	2,273.36	5.1
6	HARDUAGANJ	197.18	12.06	237.72	5.51	108.56		-	346.28	17.56
7	HARDUAGANJ EXT.	1,273.32	4.07	518.32	4.45	566.99		-	1,085.31	8.52
8	PARICHHA EXT. STAGE-II	2,285.81	2.02	462.37	3.55	811.84		-	1,274.20	5.57
9	ANPARA-D	6,686.00	1.87	1,251.48	1.95	1,304.42		-	2,555.90	3.82
10	Panki Extension	1,167.46	1.87	218.85	2.2	257.22		-	476.07	4.08
11	HARDUAGANJ EXT. Stage II	1,810.53	5.57	1,008.51	4.16	753.28		-	1,761.80	9.73
12	OBRA-C	4,143.19	1.5	621.4	3.23	1,338.15		-	1,959.55	4.73
13	Jawaharpur	2,108.04	4.94	1,040.51	3.79	798.82		-	1,839.34	8.73
	UPRVUNL Consolidated	-	-	-	-	-		-	-	-
	<b>Sub-Total</b>	<b>36,509.11</b>		<b>7,204.32</b>		<b>10,231.08</b>		-	<b>17,435.40</b>	<b>4.78</b>

S. No	Source of Power (Station wise)	FY 2024-25								
		Units (MU)	Annual Fixed Charges		Annual Energy/ Variable Charge		Annual Other Cost		Total Cost	Avg. Cost of Energy at Generator Bus
			(Rs. / kWh)	(Rs. Cr.)	(Rs. / kWh)	(Rs. Cr.)	(Rs. / kWh)	(Rs. Cr.)		
<b>c</b>	<b>From State Generating Stations Hydro</b>									
1	RIHAND	472.77	1.46	69.04	-0.32	-15.27		-	53.77	1.14
2	OBRA ( H )	235.86	0.53	12.44	0.68	16.13		-	28.57	1.21
3	MATATILA	67.72	0.82	5.54	0.73	4.95		-	10.49	1.55
4	KHARA	233.03	0.67	15.62	0.52	12.13		-	27.75	1.19
5	UGC	25.67	-	-	2.87	7.36		-	7.36	2.87
6	SHEETLA	2.51	-	-	1.59	0.4		-	0.4	1.59
7	BELKA	3.66	-	-	3.22	1.18		-	1.18	3.22
8	BABAIL	3.62	-	-	3.02	1.09		-	1.09	3.02
	UPJVNL CONSOLIDATED	-	-	-	-	-		143.11	143.11	-
	MPPMCL RAJGHAT HEP									
	<b>Sub-Total</b>	<b>1,044.84</b>		<b>102.64</b>		<b>27.97</b>		<b>143.11</b>	<b>273.72</b>	<b>2.62</b>
<b>d</b>	<b>From Central Sector Generating Stations</b>									
a	Thermal (NTPC)									
1	ANTA GPS	-	-	48.38	-	-		-	48.38	-
2	AURAIYA GPS	-	-	370.07	-	-		-	370.07	-
3	DADRI GPS	-	-	178.85	-	-		-	178.85	-
4	JHANOR GPS	5		0.02	0	0		0	0.02	0.04
5	KAWAS GPS	0.04	3.23	0.01	3.06	0.01		0	0.03	6.29
6	TANDA -TPS	918.92	4.71	432.46	4.71	432.38		120.91	985.75	10.73
7	FGUTPS-I	728.4	3.14	228.85	3.84	279.78		5.41	514.03	7.06
8	FGUTPS-II	511.71	2.21	113.01	3.72	190.35		4.43	307.78	6.01
9	FGUTPS-III	176.7	4.03	71.22	3.8	67.14		1.48	139.84	7.91
10	FGUTPS-IV	666.98	4.88	325.34	3.63	242.02		16.56	583.91	8.75

S. No	Source of Power (Station wise)	FY 2024-25								
		Units (MU)	Annual Fixed Charges		Annual Energy/ Variable Charge		Annual Other Cost		Total Cost	Avg. Cost of Energy at Generator Bus
			(Rs. / kWh)	(Rs. Cr.)	(Rs. / kWh)	(Rs. Cr.)	(Rs. / kWh)	(Rs. Cr.)		
11	FSTPS	179.56	2.67	48.03	3.23	57.95		-	105.98	5.9
12	KHTPS-I	381.79	1.7	64.74	2.82	107.74		5.64	178.12	4.67
13	KHTPS-II	1,344.38	1.44	192.94	2.66	358.19		0.2	551.34	4.1
14	NCTPS-I	241.19	4	96.58	4.9	118.24		15.74	230.55	9.56
15	NCTPS-II	308.34	3.86	119.02	4.37	134.69		3.68	257.38	8.35
16	RIHAND-I	2,160.94	0.9	194.53	1.63	352.08		0.13	546.74	2.53
17	RIHAND-II	2,224.86	0.9	200.78	1.62	360.47		4.88	566.12	2.54
18	RIHAND-III	2,420.41	2.31	559.12	1.6	387.55		7.81	954.47	3.94
19	SINGRAULI	5,261.27	1.11	585.31	1.64	864.68		7.14	1,457.13	2.77
20	KORBA-I STPS	21.57	0.91	1.96	1.45	3.13		0.07	5.16	2.39
21	KORBA-III STPS	9.03	1.37	1.24	1.42	1.28		-	2.53	2.8
22	MAUDA-I STPS	22.67	2.24	5.07	3.49	7.92		0.07	13.07	5.76
23	MAUDA-II STPS	24.51	3.02	7.4	4.57	11.2		0	18.59	7.59
24	SOLAPUR TPS	28.84	3.67	10.57	4.36	12.57		0.53	23.68	8.21
25	SIPAT-I STPS	38.18	1.54	5.86	1.52	5.79		-	11.65	3.05
26	SIPAT-II STPS	14.1	1.18	1.66	1.56	2.21		0.06	3.93	2.79
27	VINDHYANCHAL-I STPS	18.03	1.09	1.97	1.73	3.12		0	5.09	2.83
28	VINDHYANCHAL-II STPS	15.84	0.86	1.36	1.67	2.65		0.06	4.07	2.57
29	VINDHYANCHAL-III STPS	14.91	1.04	1.55	1.64	2.45		0	4.01	2.69
30	VINDHYANCHAL-IV STPS	21.36	2.28	4.87	1.64	3.5		0.1	8.48	3.97
31	VINDHYANCHAL-V STPS	11.02	2.15	2.37	1.69	1.87		0.05	4.29	3.89
32	TANDA -II-TPS	4,514.67	2.53	1,142.59	3.31	1,495.55		2.75	2,640.90	5.85
33	SINGRAULI STAGE III	-	-	-	-	-		-	-	-
34	GODARWARA STPS-I	42.14	2.68	11.28	3.32	14		-	25.28	6
35	LARA STPS-I	32.9	2.57	8.46	1.38	4.54		1.26	14.25	4.33
36	KHARGONE STPS	35.15	3.37	11.86	4.05	14.25		-	26.11	7.43
37	KUDGI- I STPS	32.4	1.61	5.21	4.92	15.93		0.01	21.15	6.53
38	RAMAGUNDAM- I & II STPS	30.48	0.69	2.09	4.14	12.62		0.06	14.77	4.85
39	RAMAGUNDAM- III STPS	7.63	0.73	0.56	4.06	3.1		0.1	3.76	4.93

S. No	Source of Power (Station wise)	FY 2024-25								
		Units (MU)	Annual Fixed Charges		Annual Energy/ Variable Charge		Annual Other Cost		Total Cost	Avg. Cost of Energy at Generator Bus
			(Rs. / kWh)	(Rs. Cr.)	(Rs. / kWh)	(Rs. Cr.)	(Rs. / kWh)	(Rs. Cr.)		
40	SIMHADRI- II TPS	4.36	1.76	0.77	3.5	1.52		0.14	2.43	5.57
41	TALCHER- II STPS	8.5	0.98	0.83	1.83	1.55		-	2.39	2.81
42	TELANGANA STPS	5.25	1.62	0.85	3.77	1.98		1.43	4.26	8.12
	NTPC CONSOLIDATED	-	-	-	-	-		133.62	133.62	-
	<b>Sub-Total</b>	<b>22,484.02</b>		<b>5,059.64</b>		<b>5,576.02</b>		<b>334.32</b>	<b>10,969.98</b>	
<b>e</b>	<b>NPCIL</b>									
1	KAPS	22.95	-	-	4.29	9.84		0.04	9.88	4.31
2	NAPP	1,059.23	-	-	3.07	324.97		-0.94	324.03	3.06
3	TAPP-3 & 4	21.31	-	-	3.47	7.39		0.13	7.52	3.53
4	RAPP-3 & 4	463.11	-	-	3.45	159.73		8.81	168.54	3.64
5	RAPP-5 & 6	635.72	-	-	3.96	251.79		0.88	252.67	3.97
6	NPCIL (MAPS)	0.97	-	-	2.58	0.25		0	0.25	2.61
7	NPCIL (KAIGA)	9.9	-	-	5.6	5.54		0	5.54	5.6
8	NPCIL (Kudankulam) .	1.81	-	-	4.56	0.83		0	0.83	4.56
	<b>Sub-Total</b>	<b>2,215.00</b>		-		<b>760.34</b>		<b>8.92</b>	<b>769.26</b>	<b>3.47</b>
<b>f</b>	<b>Hydro (NHPC)</b>									
1	SALAL	234.82	1.81	42.49	0.78	18.31		18.4	79.2	3.37
2	TANAKPUR	85.84	3.94	33.84	2.54	21.82		1.28	56.93	6.63
3	CHAMERA-I	430.85	1.19	51.17	1.12	48.36		5.36	104.89	2.43
4	URI	477.86	1.6	76.29	0.93	44.42		23.66	144.37	3.02
5	CHAMERA-II	316.53	1.54	48.86	1.16	36.66		8.55	94.07	2.97
6	DHAULIGANGA	252.25	1.92	48.38	1.28	32.26		9.27	89.91	3.56
7	DULHASTI	520.84	2.76	143.94	2.28	118.96		20.2	283.09	5.44
8	SEWA-II	96.11	4.18	40.22	2.27	21.85		3.5	65.57	6.82
9	CHAMERA-III	221.62	2.77	61.46	2.07	45.86		7.35	114.67	5.17
10	URI-II	334.03	2.85	95.19	2.12	70.74		31.74	197.67	5.92
11	PARBATI-III HEP	122.53	4.81	58.89	1.36	16.67		-50.71	24.85	2.03

S. No	Source of Power (Station wise)	FY 2024-25								
		Units (MU)	Annual Fixed Charges		Annual Energy/ Variable Charge		Annual Other Cost		Total Cost	Avg. Cost of Energy at Generator Bus
			(Rs. / kWh)	(Rs. Cr.)	(Rs. / kWh)	(Rs. Cr.)	(Rs. / kWh)	(Rs. Cr.)		
12	KISHANGANGA	585.2	3.08	179.98	2.29	134.3		44.7	358.98	6.13
13	PARBATI-II	168.31	2.23	37.45	2.3	38.63		-	76.08	4.52
14	SUBANSIRI LOWER	16.72	2.25	3.76	2.3	3.84		-	7.6	4.55
15	PAKALDUL	-	-	-	-	-		-	-	-
	NHPC Consolidated	-	-	-	-	-		-1.61	-1.61	-
	<b>Sub-Total</b>	<b>3,863.51</b>		<b>921.93</b>		<b>652.65</b>		<b>121.68</b>	<b>1,696.27</b>	<b>4.39</b>
<b>g</b>	<b>HYDRO (NTPC)</b>									
1	KOLDAM HPS	686.66	2.63	180.51	2.28	156.79		0.39	337.69	4.92
2	TAPOVAN VISHNUGARH	-	-	-	-	-		-	-	-
3	LATA TAPOVAN HEP	-	-	-	-	-		-	-	-
4	SINGRAULI SHPS	10.44	-	-	5.08	5.3		-	5.3	5.08
	<b>Sub-Total</b>	<b>697.1</b>		<b>180.51</b>		<b>162.1</b>		<b>0.39</b>	<b>343</b>	<b>4.92</b>
<b>h</b>	<b>THDC</b>									
	<b>HYDRO</b>									
1	TEHRI	1,266.35	1.92	242.51	2.06	260.59		0.13	503.23	3.97
2	KOTESHWAR	479.67	2.8	134.39	2.76	132.54		0.21	267.13	5.57
3	DHUKWAN	33.3	-	-	4.87	16.22		0.1	16.32	4.9
4	VISHNUGARH PIPAL KOTHI	-	-	-	-	-		-	-	-
	THDC Consolidated	-	-	-	-	-		-3.56	-3.56	-
	Thermal								-	-
1	KHURJA STPP	1,264.92	2.49	315.04	2.55	322.55		-	637.59	5.04
	<b>Sub-Total</b>	<b>3,044.24</b>		<b>691.93</b>		<b>731.9</b>		<b>-3.12</b>	<b>1,420.72</b>	<b>4.67</b>
<b>i</b>	<b>SJVN</b>									
1	RAMPUR	303.6	3.15	95.67	2.34	71.01		1.88	168.56	5.55
2	NATHPA JHAKRI	1,189.16	1.54	182.64	1.35	160.74		5.35	348.72	2.93
	<b>Sub-Total</b>	<b>1,492.76</b>		<b>278.31</b>		<b>231.75</b>		<b>7.22</b>	<b>517.28</b>	<b>3.47</b>

S. No	Source of Power (Station wise)	FY 2024-25								
		Units (MU)	Annual Fixed Charges		Annual Energy/ Variable Charge		Annual Other Cost		Total Cost	Avg. Cost of Energy at Generator Bus
			(Rs. / kWh)	(Rs. Cr.)	(Rs. / kWh)	(Rs. Cr.)	(Rs. / kWh)	(Rs. Cr.)		
j	NEEPCO									
1	Kameng HEP	242.68	-	-	4.03	97.82		0.11	97.93	4.04
k	<b>IPP/JV</b>									
	<b>HYDRO</b>									
1	TALA	51.99	-	-	2.29	11.9		-	11.9	2.29
2	VISHNU PRAYAG	1,654.19	0.17	27.68	1.05	173.61		19.25	220.54	1.33
3	KARCHAM	892.65	1.27	113.62	1.07	95.75		12.42	221.78	2.48
4	TEESTA-III	251.74	4.36	109.77	2.48	62.38		0.03	172.18	6.84
5	SRI NAGAR HEP	1,277.17	5.25	670.23	3.63	463		37.42	1,170.65	9.17
6	Rajghat Hydro	34.4	0.14	0.48	-	-		-0.91	-0.43	-0.13
7	Hydro (Competitive Bidding)	511.67		58.28	-	63.94		10.78	133	2.6
	Thermal									
1	Meja Thermal Power Plant	7,021.74	2.51	1,759.15	3.01	2,115.75		373.23	4,248.14	6.05
2	LANCO	7,312.53	0.93	676.59	2.4	1,752.83		25.35	2,454.77	3.36
3	APCPL	69.38	3.29	22.83	4.26	29.56		-0.88	51.52	7.43
4	BEPL BARKHERA	225.16	4.43	99.81	4.16	93.59		9	202.41	8.99
5	BEPL KHAMBHAKHERA	216.75	4.83	104.68	4.51	97.81		-	202.49	9.34
6	BEPL KUNDRAKHI	217.81	4.69	102.2	4.56	99.4		-	201.6	9.26
7	BEPL MAQSOODAPUR	227.14	4.61	104.68	4.34	98.69		-	203.37	8.95
8	BEPL UTRAULA	210.72	5.08	107.09	4.79	100.97		-	208.06	9.87
9	KSK MAHANADI	4,607.42	4	1,842.07	3.51	1,615.10		-16.1	3,441.07	7.47
10	LALITPUR	10,520.40	3.43	3,607.75	3.27	3,439.88		-	7,047.63	6.7
11	M.B.POWER (PTC)	2,578.73	3.5	901.66	2.23	574.71		68.1	1,544.48	5.99
12	PRAYAGRAJ POWER	10,853.22	1.23	1,333.47	2.64	2,860.50		2.01	4,195.98	3.87
13	R.K.M.POWER	2,643.02	2.55	674.29	2.41	635.79		-	1,310.07	4.96
14	ROSA-1&2	6,388.84	2.04	1,305.06	3.29	2,102.62		-	3,407.67	5.33
15	SASAN	3,598.97	0.21	74.15	1.16	417.84		21.35	513.34	1.43



S. No	Source of Power (Station wise)	FY 2024-25								
		Units (MU)	Annual Fixed Charges		Annual Energy/ Variable Charge		Annual Other Cost		Total Cost	Avg. Cost of Energy at Generator Bus
			(Rs. / kWh)	(Rs. Cr.)	(Rs. / kWh)	(Rs. Cr.)	(Rs. / kWh)	(Rs. Cr.)		
16	TRN ENERGY (PTC)	2,309.30	2.65	612.86	1.68	387.92		48.18	1,048.96	4.54
17	NABINAGAR POWER PROJECT	1,419.03	1.19	169.19	2.76	391.73		0.67	561.59	3.96
18	NNTPS	0.62	2.11	0.13	2.7	0.17		0.01	0.31	4.94
19	TPS I EXP.	7.5	0.85	0.64	2.84	2.13		0.08	2.84	3.79
20	TPS II EXP.	3.68	2.43	0.89	3.24	1.19		-0.02	2.06	5.61
21	TPS II ST I	3.98	0.85	0.34	3.24	1.29		0	1.63	4.09
22	TPS II ST II	4.32	0.99	0.43	3.24	1.4		0	1.83	4.23
23	NTPL	12.27	1.55	1.9	4.16	5.1		0.15	7.15	5.83
24	NTECL STATION 1	11.47	1.69	1.94	3.79	4.35		0.17	6.46	5.63
25	NEYVELI UTTAR PRADESH POWER LIMITED	-3.07	-	-	-	-		-0.88	-0.88	2.88
26	Ghatampur	1,531.66	2.6	398.95	2.55	390.57		-	789.52	5.15
	<b>Sub-Total</b>	<b>66,666.39</b>		<b>14,882.81</b>		<b>18,091.45</b>		<b>609.41</b>	<b>33,583.68</b>	<b>5.04</b>
	<b>Total</b>	<b>1,38,259.65</b>	<b>2.12</b>	<b>29,322.08</b>	<b>2.64</b>	<b>36,563.07</b>		<b>1,222.07</b>	<b>67,107.22</b>	<b>4.85</b>
<b>B</b>	<b>Medium term Sources</b>									
<b>C</b>	<b>Short term Sources</b>	<b>988.71</b>	-	-	<b>8.71</b>	<b>860.93</b>		-	<b>860.93</b>	<b>8.71</b>
	<b>Other Sources Sub-total</b>	<b>988.71</b>	-	-	<b>8.71</b>	<b>860.93</b>		-	<b>860.93</b>	<b>8.71</b>
<b>D</b>	<b>Cogen/ Captive</b>									
	Baggasse/Cogen/ CPP 1	2,141.66	1.44	307.66	2.26	484.15		0.19	792	3.7
	Baggasse/Cogen/ CPP 2	-	-	-	-	-		-	-	-
	Sub-Total Cogen/ Captive	2,141.66	1.44	307.66	2.26	484.15		0.19	792	3.7
<b>E</b>	<b>Bilateral &amp; Others (Power purchased through Trading)</b>	<b>1,737.60</b>	<b>-0.5</b>	<b>-87.58</b>	<b>15.73</b>	<b>2,733.98</b>		<b>-2.11</b>	<b>2,644.29</b>	<b>15.22</b>

S. No	Source of Power (Station wise)	FY 2024-25								
		Units (MU)	Annual Fixed Charges		Annual Energy/ Variable Charge		Annual Other Cost		Total Cost	Avg. Cost of Energy at Generator Bus
			(Rs. / kWh)	(Rs. Cr.)	(Rs. / kWh)	(Rs. Cr.)	(Rs. / kWh)	(Rs. Cr.)	(Rs. Cr.)	(Rs / kWh)
1	Solar (Existing )	5,259.23	-	-	3.42	1,798.17		61.54	1,859.71	3.54
2	Sub-Total Solar	5,259.23	-	-	3.42	1,798.17		61.54	1,859.71	3.54
3	Solar (FY 22)									
4	Solar (FY 23)	-	-	-	-	-		-	-	-
5	Solar (FY 25)	225.3	-	-	3	67.59		-	67.59	3
		-	-	-	-	-		-	-	-
	<b>Sub-Total Solar</b>	<b>5,484.52</b>		-		<b>1,865.76</b>		<b>61.54</b>	<b>1,927.30</b>	<b>3.51</b>
<b>G</b>	<b>Non-Solar (Renewable)</b>									
1	WIND (Existing)							-	-	-
2	WIND	3,106.71	-	-	3.1	963.25		-12.1	951.15	3.06
3	WIND (FY 25)	563.25	-	-	2.99	168.27		-	168.27	2.99
4	WIND (FY 26)									
6	Biomass Existing	73.57	-	-	3.62	26.63		-	26.63	3.62
7	Biomass FY 20									
8	MSW Existing	6.59	-	-	7.48	4.93		-	4.93	7.48
	Sub-total RE other than solar	3,750.12		-		1,163.07		-12.1	1,150.97	3.07
	<b>Other</b>									
<b>1</b>	<b>Slop Based Power Project</b>	<b>52.26</b>	-	-	<b>2.58</b>	<b>13.48</b>		-	<b>13.48</b>	<b>2.58</b>
<b>H</b>	<b>NVVN + NSM (Thermal)</b>	<b>511.74</b>	-	-	<b>3.59</b>	<b>183.96</b>		<b>8.1</b>	<b>192.06</b>	<b>3.75</b>
	<b>NVVN + NSM (Solar))</b>	<b>154.22</b>	-	-	<b>7.19</b>	<b>110.87</b>		<b>2.69</b>	<b>113.55</b>	<b>7.36</b>
	Reactive Energy Charges	-	-	-	-	-		-	-	-
<b>I</b>	<b>Short Term Sources</b>									
<b>J</b>	<b>REC</b>									
<b>K</b>	<b>Banking</b>	-	-	-	-	-		<b>6.18</b>	<b>6.18</b>	-
<b>L</b>	<b>Transmission Charges</b>	-	-	-	-	-		<b>5,045.82</b>	<b>5,045.82</b>	-
	<b>RRAS</b>	-	-	-	-	-		-	-	-

S. No	Source of Power (Station wise)	FY 2024-25								
		Units (MU)	Annual Fixed Charges		Annual Energy/ Variable Charge		Annual Other Cost		Total Cost	Avg. Cost of Energy at Generator Bus
			(Rs. / kWh)	(Rs. Cr.)	(Rs. / kWh)	(Rs. Cr.)	(Rs. / kWh)	(Rs. Cr.)		
	Any Other Charges	313.47	-	-	9.63	301.94		-	301.94	9.63
	Less									
	Late Payment Surcharge							-	-	
	<b>Grand Total</b>	<b>1,53,393.94</b>	<b>1.93</b>	<b>29,542.17</b>	<b>2.89</b>	<b>44,281.22</b>	<b>0.41</b>	<b>6,332.37</b>	<b>80,155.75</b>	<b>5.23</b>

## Differential Bulk Supply Tariff (DBST)

3.4.3. As the revised estimates of distribution loss for the Petitioner is different from the distribution loss level approved by the Hon'ble Commission, The Differential Bulk Supply Tariff (DBST) for FY 2024-25 had been computed as under and thereafter, the Petitioner had worked out the power purchase cost for FY 2024-25 on the same.

3.4.4. Computation of DBST as per the Commission approved methodology is shown in the Table below:

**TABLE 3-6 COMPUTATION OF DBST FOR FY 2024-25**

S.No	Particulars	Formulae	DVVNL	PVVNL	PuVVNL	MVVNL	KESCO	Total
1	Revenue from Tariff including subsidy (Rs Cr)	A	19,720.60	29,685.66	23,990.15	20,986.37	3,426.23	97,809.00
2	Energy Sales (MU)	B	26,795.27	37,851.23	30,523.99	26,739.23	4,248.35	1,26,158.07
3								
A1	Power Procurement Cost – Allocated and Unallocated PPAs (Rs Cr)							76248.18
A2	Inter State Transmission Charges (Rs Cr)							3907.57
A1+A2	Total Power Procurement Cost excluding intra state Transmission Charges (In Rs Cr)	C						80155.75
4	Power Procurement cost of Allocated PPAs (Rs Cr)	D	2884.07	5462.72	3042.54	3042.54	209.80	14641.67
5	Total Power Required at Discom Periphery (MU)	E	31229.92	42760.98	35484.76	31164.60	4577.45	145217.71
6	Power at Discom Periphery from allocated PPAs (MU)	F	6436.13	13008.80	6612.41	6612.41	523.40	33193.14
7	Other Cost (Intra State Transmission, O&M, Interest, Dep etc.) (Rs. Cr.)	G	4520.64	4825.35	5223.81	4811.15	670.29	20051.24
8	ABR (Rs/ Unit)	$H=(A/B)*10$	7.36	7.84	7.86	7.85	8.06	7.75
9	Other Cost (Rs/Unit of Sale)	$I=G*10/B$	1.69	1.27	1.71	1.80	1.58	1.59
10	Power Purchase Rate							

S.No	Particulars	Formulae	DVVNL	PVVNL	PuVVNL	MVVNL	KESCO	Total
A	Allocated PPAs per unit of sale (Rs/unit)	$J=D*10/B$	1.08	1.44	1.00	1.14	0.49	1.16
B	Unallocated PPAs per unit of sale	$K=(C-\text{Total PP at "D"})*10/\text{Total Sale at "B"}$	5.19					
11	Revenue available for unallocated PPAs (Rs./unit of sale)	$L=H-I-J$	4.61	5.21	5.24	5.01	6.03	5.08
12	Power Purchase Allocation (per unit of sale) "K" in the ratio of available Revenue "L"	M	4.72	5.33	5.36	5.12	6.17	5.19
13	Total Power Purchase cost per unit of sale including allocated PPAs	$N=J+M$	5.80	6.77	6.36	6.26	6.67	6.35
14	Total Power Purchase Cost (Rs Crs)	$O=N*B/10$	15,528.93	25,643.99	19,412.65	16,738.27	2,831.91	80,155.75
	<b>DBST (Rs/Unit)</b>							
15	DBST Computation of Allocated PPAs	P	4.48	4.20	4.60	4.60	4.01	4.41
16	DBST Computation of Unallocated PPAs	$Q=M*B/(E-F)$	5.10	6.78	5.67	5.58	6.47	5.85
17	DBST of total PPAs	$R=O*10/E$	4.9725	5.9971	5.4707	5.3709	6.1867	5.5197

- 3.4.5. The Petitioner has worked out the power purchase cost for FY 2024-25 based on the above Differential Bulk Supply Tariff (DBST). The allowable power purchase cost for FY 2024-25 is shown in the table below:

**TABLE 3-7 POWER PURCHASE COST FOR FY 2024-25**

Particulars	Approved in T.O. dtd. 10.10.2024	Revised Estimates
Allowable Power Purchase (MU)	30434.07	31164.64
DBST (Rs./kWh)	5.40	5.37
Power Procurement Cost (IN RS. CR)	16435.42	16738.30

*\*DBST rate considered as mentioned in table above.*

### 3.5. Intra-State Transmission Charges

- 3.5.1. The intra-State Transmission charges (including SLDC charges) computed based on approved transmission rate is shown in the Table below:

**TABLE 3-8 INTRA-STATE TRANSMISSION CHARGES FOR FY 2024-25**

Particulars	Unit	Approved in T.O. dtd. 10.10.2024	Claimed
Units Wheeled	MU	30434.07	31164.60
Transmission Rate as approved by UPERC for UPPTCL for FY 2024-25 in T.O. dated 10.10.2024	Rs/kWh	0.2326	0.2326
Transmission Charges	Rs Crore	707.90	724.89

- 3.5.2. It is submitted that the variation in intra state Transmission charges are on account of variation in the Units wheeled.

### 3.6. Operation and Maintenance Expenses

- 3.6.1. Operation and Maintenance Expenses (O&M expenses) comprises of employee expenses, repair and maintenance expenses and administrative and general expenses. The detailed approach has been discussed in the true-up section above.

#### Employee Expenses

- 3.6.2. The base year is computed on the trued-up for FY 2019-20. Further, the Petitioner has considered the same methodology approved by the Hon'ble Commission in the Tariff Order for FY 2024-25, for the APR of Employee expenses for FY 2024-25 as shown below.

**TABLE 3-9 COMPUTED EMPLOYEE EXPENSES FOR FY 2024-25**

Particulars	Claimed in Instant Petition for FY 2023-24	Average CPI Escalation of last 3 years.	Computed (Rs. Cr)
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Particulars	Claimed in Instant Petition for FY 2023-24	Average CPI Escalation of last 3 years.	Computed (Rs. Cr)
Employee Expenses	1,448.74	5.45%	1,527.76

- 3.6.3. Further, the capitalisation has been projected based on same ratio of employee expenses capitalisation and employee expenses for FY 2023-24 (True-up year). Accordingly, Employee Expenses and its Capitalisation determined for FY 2024-25 is shown in table below.

**TABLE 3-10 EMPLOYEE EXPENSES FOR FY 2024-25**

Sl No.	Particular	Approved in T.O. 10.10.2024	Normative
A	Gross Employee Expenses after escalation	871.72	1,527.76
B	Less: Employee Expenses capitalized	197.57	286.45
C	Net Employee Expenses	674.15	1,241.31

### ***Repairs & Maintenance Expenses (R&M)***

- 3.6.4. The base year is computed on the trued-up for FY 2019-20. Further, the Petitioner has considered the same methodology approved by the Hon'ble Commission in the Tariff Order for FY 2024-25, for the APR of R&M expenses for FY 2024-25 as shown below.

**TABLE 3-11 R&M EXPENSES FOR FY 2024-25**

Particulars	Claimed in Instant Petition for FY 2023-24	Average WPI Escalation of last 3 years.	Computed (Rs. Cr)
R&M Expenses	440.18	7.23%	471.98

- 3.6.5. Net normative R&M expenses details for FY 2024-25 is shown in the Table below:

**TABLE 3-12 NORMATIVE R&M EXPENSES FOR FY 2024-25**

Sl No.	Particulars	Approved in T.O. 10.10.2024	Normative
1	Gross R&M Expenses after escalation	504.89	471.98
2	Less: R&M Expenses capitalized	-	-
3	Net R&M Expenses	504.89	471.98

### ***Administrative and General Expense (A&G)***

- 3.6.6. The base year is computed on the trued-up for FY 2019-20. Further, the Petitioner has considered the same methodology approved by the Hon'ble Commission in the Tariff Order for FY 2024-25, for the APR of A&G expenses for FY 2024-25 as shown below.

**TABLE 3-13 COMPUTED A&G EXPENSES FOR FY 2024-25**

Particulars	Claimed in Instant Petition for FY 2023-24	Average WPI Escalation of last 3 years.	Computed (Rs. Cr)
A&G Expenses	366.83	7.23%	393.34

- 3.6.7. Normative Administrative and General expenses details for FY 2023-23 has been shown in the Table below:

**TABLE 3-14 NORMATIVE A&G EXPENSES FOR FY 2024-25**

Sl No.	Particulars	Approved in T.O. 10.10.2024	Normative
1	Gross A&G Expenses after escalation	362.52	393.34
2	Less: A&G expenses capitalized	-	-
3	Net A&G expenses	362.52	393.34

### **Smart Metering OPEX**

- 3.6.8. The amount sought as 'Additional A&G Expenses for smart metering is payable to EESL to cover cost towards smart meter and box installation, AMI software cost, consumer indexing, training, integration and Commissioning of AMI solution. It may be noted that this cost has been proposed to be recovered under Opex model based on per meter per month basis and there shall be no additional burden of depreciation, interest and return on equity on the consumer.
- 3.6.9. The Hon'ble Commission in Tariff Order FY 2023-24 dt. 24.05.2023 at Clause no. 5.9.24 has stated *that*,

*"However, the Smart Meter Rollout scheme is OPEX model and not CAPEX model. With roll out of Smart Meters, the billing and collection efficiency of Discoms will increase thereby reducing the commercial losses. It is expected that the overall O&M cost of the Discoms would also decrease due to improved billing & collection efficiency which would be compensated by the charges paid in OPEX model. Hence the same cannot be allowed as additional O&M expense."*

- 3.6.10. The smart meter roll-out plan on Opex model was submitted to the Hon'ble Commission well before its implementation. The Hon'ble Commission while approving the roll-out plan never stated that the cost envisaged under the Opex model would not be allowed to be passed on in the ARR. Moreover, the Hon'ble Commission in its Tariff Order dated 03.09.2019 stated that it will carry out detailed analysis of the additional O&M expenses (on account of implementation of smart meter roll out plan) for ensuing years at the time of truing-up.



3.6.11. The smart meter Opex estimated by the Petitioner for FY 2024-25:

**TABLE 3-15 SMART METERING OPEX FOR FY 2024-25**

Particulars	Smart Meters installed till March 2023	Smart Meters to be installed till March 2024	Rate (Rs. /meter/month including GST @18%)	OPEX (IN RS. CR)
FY 2024-25	380731	531670	114.57	63.59

3.6.12. The Hon'ble Commission is requested to approve the same.

3.6.13. Further, it is also important to mention here that Smart metering OPEX was not covered under the A&G Expense head in the past and therefore, shall be allowed in full, over and above the usual A&G Expenses proposed by the Petitioner.

3.6.14. Based on the above submission, the summary of the Operation & Maintenance expenses (O&M) approved in the Tariff Order for FY 2024-25 vis-a-vis the O&M expenses claimed are shown in the table below:

**TABLE 3-16 OPERATION & MAINTENANCE EXPENSES FOR FY 2024-25 (IN RS. CR)**

Particulars	Approved in T.O. dtd. 10.10.2024	Revised Estimate
Repair & Maintenance expenses	504.89	471.98
Employee expenses	871.72	1527.76
Administrative and General expenses	362.52	393.34
Gross O&M Expenses	1739.13	2393.08
Less:	0.00	0.00
Employee expenses capitalized	197.57	286.45
Administrative and General expenses capitalized	-	-
Gross expenses Capitalized	197.57	286.45
Smart Meter Opex	-	63.59
<b>Net O&amp;M Expenses</b>	<b>1541.56</b>	<b>2170.21</b>

3.6.15. The Petitioner requests the Hon'ble Commission to allow O&M expenses as shown in the above Table.

### **3.7. Capital Investment, Capitalisation and Financing**

3.7.1. Revised details of the capex schemes (submitted in the MYT Formats) are shown in the Table below.

**TABLE 3-17 CAPEX FOR FY 2024-25 (IN RS. CR)**

Schemes	Investment	Capitalisation
OTHER SCHEMES	1,209.85	1,573.52
REVAMPED SCHEME (RDSS)	428.52	171.41
<b>Total Investments (A)</b>	<b>1,638.37</b>	<b>1,744.93</b>

Schemes	Investment	Capitalisation
Add: Employee Capitalization (B)	-	286.45
Add: Interest Capitalization (C)		
<b>Total (D= A+B+C)</b>	<b>1,698.41</b>	<b>2,055.40</b>
Asset not belonging to Discom (E)	-	-
<b>Total (F= D-E))</b>	<b>1,698.41</b>	<b>2,055.40</b>

- 3.7.2. It is pertinent to highlight that the Investment considered for FY 2024-25 is the net investments (excluding grants and consumer contributions). This investment is funded only by debt and equity portion. The Petitioner has separately provided the amount of consumer contribution and grant for FY 2024-25 in relevant section of this petition and in tariff formats as well.
- 3.7.3. Based on the methodology adopted by the Hon'ble Commission, 40% of the investments made during FY 2024-25 is capitalized in the same year. The Petitioner has also considered employee expense capitalization and Interest capitalization during FY 2024-25 as per the methodology adopted by the Hon'ble Commission. Considering the Capital Work in Progress (CWIP), investment during the year and capitalisations, the Petitioner has computed the closing CWIP for FY 2024-25. The details are provided in the table below:

**TABLE 3-18 CAPITAL INVESTMENT IN FY 2024-25 (IN RS. CR)**

Particulars	Derivation	Approved in T.O. dtd. 10.10.2024	Revised Estimates
Opening WIP as on 1st April	A	2,453.07	2,723.96
Investments	B	910.84	1,411.96
Employee Expenses capitalization	C	197.57	286.45
A&G Expenses Capitalisation	D	-	-
Interest Capitalisation on Interest on long term loans	E	-	-
<b>Total Investments</b>	<b>F= A+B+C+D+E</b>	<b>3,561.48</b>	<b>4,422.37</b>
Transferred to GFA (Total Capitalisation)	G	1,644.19	2,055.40
<b>Closing WIP</b>	<b>H=F-G</b>	<b>1,917.29</b>	<b>2,366.97</b>

- 3.7.4. The Table below summarises the amounts received towards consumer contributions, capital grants and subsidies in FY 2024-25:

**TABLE 3-19 CONSUMER CONTRIBUTIONS, CAPITAL GRANTS AND SUBSIDIES IN FY 2024-25 (IN RS. CR)**

Particulars	Revised Estimates
Opening Balance of Consumer Contributions, Grants and Subsidies towards Cost of Capital Assets	6,459.86

Particulars	Revised Estimates
Additions during the year includes consumer contribution and grants	-
<b>Closing Balance</b>	<b>6,459.86</b>

- 3.7.5. As discussed in above tables, the capital investment eligible for financing after deducting consumer contribution and grant is shown in the table below. The Petitioner has considered the same approach as in previous Orders and therefore, considered the funding of capitalisation (Asset put to use) in the ratio of 70:30. Considering this approach, 70% of the Capitalisation (Asset put to use) undertaken during the year has been financed through loan and balance 30% has been financed through equity contributions.

**TABLE 3-20 FINANCING OF THE CAPITAL INVESTMENTS IN FY 2024-25 (IN RS. CR)**

Particulars	Derivation	Revised Estimates
Capitalisation (Asset put to use) net of CCG	A	2,055.40
Less:		-
Consumer Contribution and Grants	B	-
Investment funded by debt and equity	C=A-B	2,055.40
Debt Funded	70% of C	1,438.78
Equity Funded	30% of C	<b>616.62</b>

### 3.8. Interest & Finance Charges

#### Interest on Long Term Loan

- 3.8.1. The Hon'ble Commission in its previous Tariff and True-Up orders had considered a normative tariff approach with a debt equity ratio of 70:30. Considering this approach, 70% of the capitalisation undertaken in any year was financed through loan and balance 30% has been financed through equity contributions. The portion of capital expenditure financed through consumer contributions, capital subsidies and grants are separated and the depreciation, interest and return on equity thereon was not charged to the consumers. Subsequently, the financing of the capital investment was worked out based on the debt equity ratio of 70:30 and net allowable depreciation was considered as normative loan repayment.
- 3.8.2. The Petitioner has worked-out the interest on long term loan based on the same philosophy.
- 3.8.3. The opening balance of long term loan has been considered equivalent to the closing loan balance for FY 2023-24 as per the present Petition.
- 3.8.4. Net Allowable depreciation for the year has been considered as normative loan repayment. The actual weighted average rate for FY 2023-24 (details are submitted in Format F31 of the MYT Tariff Formats) has been considered for computing the eligible interest expenses.

- 3.8.5. Considering the above, the interest on long term loan has been computed below. The computations for interest on long term loan are shown in table below:

**TABLE 3-21 ALLOWABLE INTEREST ON LONG TERM LOAN FOR FY 2024-25 (IN RS. CR)**

Particulars	Approved in T.O. dtd. 10.10.2024	Revised Estimates
Opening Loan	4,539.41	3,802.15
Loan Additions (70% of Capitalisation)	1,181.72	1,438.78
Less: Repayments (Depreciation allowable for the year)	626.77	565.24
Closing Loan Balance	5,094.36	4,675.69
Weighted Average Rate of Interest	10.91%	10.91%
Interest on long term loan	<b>525.52</b>	<b>462.47</b>
Less: Interest Capitalized	-	-
<b>Net Interest on Loan term loan</b>	<b>525.52</b>	<b>462.47</b>

### ***Interest on Consumer Security Deposits***

- 3.8.6. The Petitioner has considered the consumer security deposit for FY 2023-24 as opening amount of consumer security deposit for FY 2024-25. To arrive at the closing amount of security deposit for FY 2024-25 the ratio of revenue assessment for current year (FY 2024-25) and previous year (FY 2023-24) is multiplied with consumer security deposit as per the books of accounts for FY 2023-24.
- 3.8.7. The interest on consumer security deposit is calculated on average amount of consumer security deposit and at the rate of RBI as on 1<sup>st</sup> April 2024.
- 3.8.8. The Petitioner requests the Hon'ble Commission to consider the Interest on Security Deposit for APR of FY 2024-25, which has been computed at RBI interest rate of 6.50 % as on 1<sup>st</sup> April 2024. The normative interest on consumer security deposit approved by the Hon'ble Commission in Tariff Order for FY 2024-25 vis-a-vis the estimated consumer security deposit is shown in table below:

**TABLE 3-22 INTEREST ON SECURITY DEPOSIT FOR FY 2024-25 (IN RS. CR)**

Particulars	Approved in T.O. dtd. 10.10.2024	Revised estimates
Closing Balance for Security Deposit	927.88	1,048.89
<b>Interest on Security Deposits</b>	29.05	62.31
Rate of Interest (RBI bank Rate as on 01.04.2022)	<b>3.13%</b>	<b>6.50%</b>

### ***Bank and Finance Charges***

- 3.8.9. The Petitioner humbly submits that the banks and finance charges are legitimate charges and therefore for the estimation purpose the petitioner has considered the same value for FY 2024-25 as recorded in the account FY 2023-24. It has been considered as below:

**TABLE 3-23 BANK AND FINANCE CHARGES FOR FY 2024-25 (IN RS. CR)**

Particulars	Revised estimates
Bank and Finance Charges	13.04

### 3.9. Interest on Working Capital

- 3.9.1. The Petitioner worked-out interest on working capital for FY 2024-25 as per Regulation 25 of the Multi Year Tariff Distribution Regulations, 2019. The Regulation 25 is quoted below:

*“(a) The working capital requirement of the Distribution Business shall cover:*

- (i) Operation and maintenance expenses for one month;*
- (ii) Maintenance spares at 40% of the R&M expenses for two months; and*
- (iii) One and half month equivalent of the expected revenue from charges Distribution system at the prevailing Tariff (excluding Electricity Duty);*

**Minus**

- (iv) Amount held as security deposits from Distribution System Users:*

*Provided that for the purpose of Truing-Up for any year, the working capital requirement shall be re-computed on the basis of the values of components of working capital approved by the Commission in the Truing- Up;*

- (b) Rate of interest on working capital shall be simple interest and shall be equal to the SB!*

*MCLR (1 Year) on October 01, 2019 plus 250 basis points:*

*Provided that for the purpose of Truing-Up for any year, simple interest on working capital*

*shall be allowed at a rate equal to the weighted average SBI MCLR (1 Year) prevailing during the concerned.Year plus 250 basis points.”*

- 3.9.2. The detailed working of Interest on Working Capital for FY 2024-25 is shown in table below:

**TABLE 3-24 INTEREST ON WORKING CAPITAL FOR FY 2024-25 (IN RS. CR)**

Particulars	Approved in T.O. dtd. 24.05.2023	Revised Estimates
O&M expenses for 1 month	128.46	175.55
One and Half month equivalent of	1,980.75	2,623.30

Particulars	Approved in T.O. dtd. 24.05.2023	Revised Estimates
expected revenue		
Maintenance spares @ 40% of R&M expenses for two months	33.66	31.47
Less: Security deposits from consumers, if any	927.88	1,048.89
<b>Total Working Capital Requirement</b>	<b>1,214.99</b>	<b>1,781.42</b>
State Bank Advance Rate (SBAR) % as on 1 <sup>st</sup> Oct Plus 250 bp	10.20%	11.45%
<b>Interest on Working Capital</b>	<b>123.93</b>	<b>203.97</b>

- 3.9.3. The following table summarises the Interest and Finance charges claimed by the Petitioner as against those approved by the Hon'ble Commission in the Tariff Order for FY 2024-25.

**TABLE 3-25 INTEREST AND FINANCE CHARGES FOR FY 2024-25 (IN RS. CR)**

Particulars	Approved in T.O. dtd. 24.05.2023	Revised Estimates
<b>Interest on Long Term Loans</b>		
Gross Interest on Long Term Loan	525.52	462.47
Less: Interest Capitalisation	-	-
<b>A: Net Interest on Long Term Loans</b>	<b>525.52</b>	<b>462.47</b>
<b>Finance and Other Charges</b>	-	-
Interest on Consumer Security Deposits	29.05	62.31
Bank/ Finance Charges	-	13.04
<b>B: Total Finance Charges</b>	<b>29.05</b>	<b>75.35</b>
	-	-
<b>C: Interest on Working Capital</b>	<b>123.93</b>	<b>203.97</b>
	-	-
<b>Total (A+B+C)</b>	<b>678.50</b>	<b>741.79</b>

### 3.10. Depreciation

3.10.1. The Petitioner has computed the allowable depreciation expense on the GFA base for FY 2023-24 and at the rates approved by the Hon'ble Commission in MYT Distribution Regulations, 2019. The Petitioner has computed the depreciation only on the depreciable asset base and has excluded the non-depreciable assets such as land, land rights, etc. The depreciation has been calculated in two parts (Part A & B) for the asset blocks depreciated before 01.04.2020 and asset blocks depreciated as on 01.02.2020 as per the SLM methodology prescribed in MYT Regulations, 2019. The addition to GFA is considered in Part B and the same is considered net of Consumer contribution and grants. Considering this philosophy, the gross entitlement towards depreciation has been computed as shown in the Tables below:

**TABLE 3-26 GROSS ALLOWABLE DEPRECIATION FOR FY 2024-25 (IN RS. CR) PART A**

<b>GROSS ALLOWABLE DEPRECIATION FOR ASSETS BEFORE 01.04.2020 OF MVVNL FOR FY 2024-25 (IN RS. CR) PART A</b>								
<b>S.No.</b>	<b>Particulars</b>	<b>Opening GFA (as on 31.03.2024)</b>	<b>Cumulative Depreciation</b>	<b>Deduction to GFA</b>	<b>Closing GFA</b>	<b>Average GFA</b>	<b>Depreciation Rate</b>	<b>Allowable Gross Depreciation</b>
1	Land & Land Rights	1.07	-	-	1.07	1.07	0.00%	-
2	Buildings	182.32	-	-	182.32	182.32	3.34%	6.09
3	Other Civil Works	14.27	-	-	14.27	14.27	3.34%	0.48
4	Plant & Machinery						5.28%	
5	Lines, Cables, Network etc.	3,073.22	-	-	3,073.22	3,073.22	5.28%	162.27
6	Vehicles	5.46	-	-	5.46	5.46	9.50%	0.52
7	Furniture & Fixtures	9.59	-	-	9.59	9.59	6.33%	0.61
8	Office Equipments	76.48	-	-	76.48	76.48	6.33%	4.84
9	Intangible Asset	-	-	-	-	-	15.00%	-
10	<b>Total Fixed Assets</b>	<b>3,362.42</b>	<b>-</b>	<b>-</b>	<b>3,362.42</b>	<b>3,362.42</b>	<b>5.20%</b>	<b>174.80</b>
11	Non depreciable assets (Land & Land Rights)	-	-	-	-	-	0.00%	-
12	<b>Depreciable assets</b>	<b>3,362.42</b>	<b>-</b>	<b>-</b>	<b>3,362.42</b>	<b>3,362.42</b>	<b>5.20%</b>	<b>174.80</b>

**TABLE 3-27 GROSS ALLOWABLE DEPRECIATION FOR FY 2024-25 (IN RS. CR) PART B**

<b>GROSS ALLOWABLE DEPRECIATION FOR ASSETS AFTER 01.04.2020 OF MVVNL FOR FY 2024-25 (IN RS. CR) PART B</b>							
<b>S.No.</b>	<b>Particulars</b>	<b>Opening GFA (as on 01.04.2024)</b>	<b>Addition to GFA</b>	<b>Closing GFA</b>	<b>Average GFA</b>	<b>Depreciation Rate</b>	<b>Allowable Gross Depreciation</b>
1	Land & Land Rights	0.31	0.65	0.96	0.64	0.00%	-
2	Buildings	127.21	111.45	238.66	182.93	3.34%	6.11
3	Other Civil Works	4.16	8.72	12.88	8.52	3.34%	0.28
4	Plant & Machinery	3,496.01	-146.49	3,349.51	3,422.76	5.28%	180.72
5	Lines, Cables, Network etc.	6,463.43	2,025.12	8,488.55	7,475.99	5.28%	394.73
6	Vehicles	1.94	3.34	5.28	3.61	9.50%	0.34
7	Furniture & Fixtures	4.81	5.86	10.67	7.74	6.33%	0.49
8	Office Equipments	60.50	46.75	107.25	83.88	6.33%	5.31
9	Intangible Asset	32.41	-	32.41	32.41	15.00%	4.86
10	<b>Total Fixed Assets</b>	<b>10,784.44</b>	<b>2,055.40</b>	<b>12,839.84</b>	<b>11,812.14</b>	<b>5.02%</b>	<b>592.85</b>
11	Non depreciable assets (Land & Land Rights)	-	-				
12	<b>Depreciable Assets</b>	<b>10,784.44</b>	<b>2,055.40</b>	<b>12,839.84</b>	<b>11,812.14</b>	<b>5.02%</b>	<b>592.85</b>



- 3.10.2. Accordingly, the depreciation as approved by the Hon'ble Commission in its Tariff Order dated 24.05.2023 and Revised Estimates as computed above is shown as under:

**TABLE 3-28 NET ALLOWABLE DEPRECIATION FOR FY 2023-24 (IN RS. CR)**

Particulars	Approved in T.O. dtd. 10.10.2024	Revised Estimates
Gross Allowable Depreciation	630.42	<b>767.65</b>
Less: Equivalent amount of depreciation on assets acquired out of the Consumer Contribution and GoUP Subsidy	137.36	202.41
<b>Net Allowable Depreciation</b>	<b>626.77</b>	<b>565.24</b>

### 3.11. Provision for Bad and Doubtful Debts

- 3.11.1. The Regulation 46 of the MYT Distribution Regulations, 2019 provides for expenses under bad and doubtful Debts to the extent of 2% of the revenue receivables as specified below:

*“46.1 For any Year, the Commission may allow a provision for write off of bad and doubtful debts upto 2% of the amount shown as Revenue Receivables from sale of electricity in the audited accounts of the Distribution Licensee for that Year or the actual write off of bad debts, whichever is less:”*

- 3.11.2. The Petitioner has computed bad and doubtful debts at 2% of the revenue receivables as per audited accounts of FY 2023-24.

**TABLE 3-29 ALLOWABLE PROVISION FOR BAD AND DOUBTFUL DEBTS FOR FY 2024-25 (IN RS. CR)**

Particulars	Approved in T.O. dtd. 10.10.2024	Revised Estimates
Total Revenue Receivables from Retail Sales	15,846.01	17,611.55
% of Provision for Bad and Doubtful Debts	2.00%	2%
Bad and Doubtful Debts as per Regulation	316.92	352.23
<b>Bad Debt Claimed</b>	NA	<b>352.23</b>

### 3.12. Return on Equity

- 3.12.1. The Regulation 22 of the Distribution MYT Regulations, 2019 provides for return on equity @15% as specified below:

*“22.1 Return on equity shall be computed in Rs. terms on equity base at the rate of 14.5% post-tax per annum for the Transmission Licensee and at the rate of 15% post-tax per annum for Distribution Licensee respectively as determined in accordance with Regulation 20.*

*Provided that assets funded by Consumer Contribution / Deposit works, Capital Subsidies /- Grants and corresponding Depreciation shall not form part of the Capital Cost. Actual Equity infused by the Licensee as per book value shall be considered and shall be used for computation in these Regulations.”*

The Petitioner has considered closing equity in true up FY 2023-24 as opening for FY 2024-25. Equity addition during the year has been considered 30% of Capitalisation (Asset put to use) during the year net of consumer contribution, capital subsidies/ grants.

3.12.2. The Return on Equity (RoE) for FY 2024-25 is shown below:

**TABLE 3-30 RETURN ON EQUITY (ROE) FOR FY 2024-25 (IN RS. CR)**

Particulars	Approved in T.O. dtd. 10.10.2024	Revised Estimates
Opening Equity	4,141.28	3,821.15
Net additions during the year	506.45	616.62
Less: Consumer Contribution		
Less: Grants		
Equity (Closing Balance)	4,647.73	4,437.77
Rate of Return on Equity (%)	14.50%	15.00%
<b>Allowable Return on Equity</b>	<b>637.20</b>	<b>619.42</b>

### 3.13. Revenue from Sale of Power

3.13.1. The Petitioner has estimated the revenue for FY 2024-25 to be Rs. **17,611.50** Crores from the Sales of **26,739.23** MUs.

### 3.14. Non-Tariff Income

3.14.1. The Hon'ble Commission has approved non-tariff income in the Tariff Order for FY 2024-25 dated 10.10.2024, the Petitioner has claimed as the Non-tariff income as approved by the Commission for FY 2024-25 after considering projected revenue from renting of assets for 5G activities as per FY 2023-24, as shown below:

**TABLE 3-31 NON- TARIFF INCOME FOR FY 2024-25 (IN RS. CR)**

Particulars	Claimed in FY 2023-24	Revised (escalation based on 40:60 Index Inflation FY 2024-25)
<b>NTI</b>	446.64	456.67

3.14.2. It is prayed to the Hon'ble Commission to approve the Non-Tariff Income as claimed by the Petitioner.

### 3.15. GoUP Subsidy

3.15.1. The GoUP provides subsidy for certain sub-categories / slabs of domestic and agriculture consumers. The GoUP has stated the following category / sub-category / slab wise subsidy details vide Letter No. 1261/24-1-2023-1307/2020 dated September 26, 2024.

**TABLE 3-32 DETAILS OF APPROVED GOUP SUBSIDY FOR FY 2024-25 (IN RS. CR)**

Consumer Category	FY 2024-25		
	Unit	Subsidy per Unit	Total Subsidy (IN RS. CR)
<b>LMV 1:</b>			<b>7,445</b>
Lifeline (Rural and Urban)	Rs. /kWh	3.5	2,386
Rural Schedule metered (for all Consumers)	Rs. /kWh		
0-100 Unit	Rs. /kWh	3.3	2,741
101-150 Unit	Rs. /kWh	3	2,318
<b>Private Tube Wells/ Pumping Sets (Rural Schedule)</b>			<b>10,067</b>
Rural Schedule metered and unmetered	Rs. /BHP/Month	705	2,245
			<b>7,822</b>
<b>Total Subsidy</b>			<b>17,511.88</b>

3.15.2. The Petitioner estimates Rs. 3,840.02 Crore revenue subsidy from GoUP.

**TABLE 3-33 GOUP SUBSIDY FOR FY 2024-25 (IN RS. CR)**

Particulars	Revised Estimate
MVVNL	3,374.81

3.15.3. It is further submitted that the Hon'ble Commission in its Tariff order for FY 2024-25 has also recognised the Government subsidy component of LMV-5 Metered Rural Consumers as per the GoUP direction, as under:

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.***

- 3.15.4. In view of the above, the Petitioner submits that the Hon'ble Commission may kindly recognise this GoUP subsidy component separately.

### **3.16. Annual Performance Review (APR) for FY 2024-25**

- 3.16.1. The Annual Performance Review (APR) for FY 2024-25 is summarised in the table below:

**TABLE 3-34 ANNUAL PERFORMANCE REVIEW (APR) FOR FY 2024-25 (IN RS. CR)**

S.No	Particulars	APR	
		FY 2024-25	
		Approved in TO dated 24.05.2023	Revised Estimates
I.	<b>Power Purchase or Energy Available at Discom Periphery (MU)</b>	30,434.07	31,164.64
II.	<b>Sale of Power (MU)</b>	26,112.43	26,739.26
III.	<b>Distribution Loss (%)</b>	0.14	0.14
<b>A</b>	<b>Expenditure</b>		
a	Cost of Power Procurement	16,435.42	16,738.30
b	Transmission and Load Dispatch Charges	707.76	724.89
c	Gross O&M Expenses	-	-
i	R&M Expense	504.89	471.98
ii	Employee Expenses	871.72	1,527.76
iii	A&G Expense	362.52	393.34
e	Total Gross O&M expenses (i+ii+iii)	1,739.13	2,393.08
f	Smart Metering OPEX	-	63.59
g	Depreciation	626.77	565.24
h	Interest on Long-Term Loan	525.52	462.47
i	Interest on Security Deposit from Consumers and Distribution system Users	60.16	62.31
j	Finance/Bank Charges	-	13.04
k	Interest on Working Capital	187.84	203.97
l	Bad and Doubtful debts	316.92	352.23
m	Return on Equity	659.18	619.42
n	Income Tax	-	-
	<b>Total Expenditure (A)</b>	<b>21,258.70</b>	<b>22,198.53</b>
	<b>Less:</b>	<b>-</b>	<b>-</b>
o	<b>Interest Capitalisation</b>	<b>-</b>	<b>-</b>
p	<b>Employee Capitalisation</b>	<b>197.57</b>	<b>286.45</b>
<b>B</b>	<b>Net Expenditure (A-q-r)</b>	<b>21,061.13</b>	<b>21,912.08</b>
C	Less: Non Tariff Income	426.32	456.67
<b>D</b>	<b>Net Annual Revenue Requirement of Licensee(B-C)</b>	<b>20,634.81</b>	<b>21,455.41</b>
	<b>Receipts</b>	<b>-</b>	<b>-</b>

S.No	Particulars	APR	
		FY 2024-25	
		Approved in TO dated 24.05.2023	Revised Estimates
a	Revenue Assessment at Payable Tariff	15,846.01	17,611.58
b	Income from other Business	-	-
c	Disallowances	-	-
<b>E</b>	<b>Total Revenue (a+b+c)</b>	<b>15,846.01</b>	<b>17,611.58</b>
		-	-
F	(Shortfall)/Excess before tariff revision impact (E-D)	(4,788.80)	(3,843.82)
G	Tariff Revision Impact	-	-
<b>H</b>	<b>Shortfall/Excess after tariff revision impact (F+G)</b>	<b>(4,788.80)</b>	<b>(3,843.82)</b>
I	Govt. Subsidy Received/Declared	3,747.43	3,374.81
<b>J</b>	<b>(Shortfall)/Excess(H+J)</b>	<b>(1,041.37)</b>	<b>(469.01)</b>

3.16.2. The Petitioner requests to approve the revised estimates of the ARR claim/Revenue Gap for FY 2024-25 in above Table.

## 4. Aggregate Revenue Requirement (ARR) for FY 2025-26

### 4.1. Consumption parameters: Consumer numbers, Connected load, Sales

- 4.1.1. For the purpose of projection of billing determinants (Consumer numbers, connected load and Sales), the distribution licensee has analysed category-wise and sub-category wise data of the sale of electricity, number of consumers, connected / contracted load, etc. of the preceding seven years i.e. from FY 2017-18 to FY 2023-24.
- 4.1.2. The approach being followed is to analyse 7-year, 6-year, 5-year, 4-year, 3-year, 2-year Compound Annual Growth Rates (CAGRs) and year on year growth rate of each sub-category for appropriate projection of billing determinants. The Petitioner has considered the FY 2023-24 billing determinants as a base year for the purpose of computation of billing determinants of FY 2025-26. The Licensee has made effort to focus on reasonable growth for FY 2025-26 making required corrections in the projections of earlier years.
- 4.1.3. It is informed that under the Saubhagya Yojana, the Petitioner has added substantial number of Lifeline consumers at LT network. These consumers are small consumers which are qualified under tariff sub-category "Lifeline consumers". Such consumers have been migrated to IT billing system resulting in change in sub-categories/slabs based on contracted load and energy consumed. This has resulted in significant variation in corresponding sub-category/slabs. The consumers having 1 kW load and consumption upto 100 units are covered in Life line category and any change in this criteria will result in change of sub category / slab of such consumers. This is a dynamic situation which may keep on changing on monthly basis. However, the overall number of consumers within the category show normalized growth.
- 4.1.4. The Category-wise billing determinants as projected by the Petitioner for FY 2025-26 is shown in the Table below:

**TABLE 4-1: BILLING DETERMINANTS PROJECTED AS PER EXISTING TARIFF STRUCTURE FOR FY 2025-26**

Consumer Category/ Sub-Category	Consumers	Load (kW)	Projected Sales (MU)
<b>LMV-1: Domestic Light, Fan &amp; Power</b>			
Life Line Consumers (both Rural and Urban) (up to 100 kWh/month)	53,49,024	53,48,961	2,317.18
Dom: Rural Schedule (unmetered)	-	-	-
Dom: Rural Schedule (metered) other than BPL	25,18,861	31,05,160	5,531.11

Consumer Category/ Sub-Category	Consumers	Load (kW)	Projected Sales (MU)
Dom: Supply at Single Point for Bulk Load	1,400	2,42,456	350.75
Other Metered Domestic Consumers other than BPL	18,10,068	45,30,728	7,541.67
<b>Sub Total</b>	<b>96,79,353</b>	<b>1,32,27,305</b>	<b>15,740.71</b>
<b>LMV-2:Non Domestic Light, Fan &amp; Power</b>			
Non Dom: Rural Schedule (unmetered)	-	-	-
Non Dom: Rural Schedule (metered)	1,40,081	3,02,851	544.18
Non Dom: Other Metered Non-Domestic Supply	4,58,388	13,69,766	2,290.31
<b>Sub Total</b>	<b>5,98,469</b>	<b>16,72,617</b>	<b>2,834.49</b>
<b>LMV-3: Public Lamps</b>			
Unmetered	1,249	5,265	60.38
Unmetered - Gram Panchayat	1,219	3,501	25.56
Unmetered - Nagar Palika & Nagar Panchayat	25	595	6.54
Unmetered - Nagar Nigam	5	1,169	28.27
Metered	11,054	70,864	486.18
Metered - Gram Panchayat	10,092	27,231	151.33
Metered - Nagar Palika & Nagar Panchayat	521	10,911	67.51
Metered - Nagar Nigam	441	32,722	267.34
<b>Sub Total</b>	<b>12,303</b>	<b>76,129</b>	<b>546.55</b>
<b>LMV-4: Light, fan &amp; Power for Institutions</b>			
Inst: Public	1,04,864	2,60,748	584.31
Inst: Private	7,427	55,067	62.11
<b>Sub Total</b>	<b>1,12,290</b>	<b>3,15,814</b>	<b>646.42</b>
<b>LMV-5: Private Tube Wells/ Pumping Sets</b>			
Consumers getting supply as per "Rural Schedule"	3,14,518	14,88,435	2,814.15
PTW: Rural Schedule (unmetered) (Total)	15	63	0.16
PTW: Rural Schedule (unmetered)	15	63	0.16
PTW: Rural Schedule (Energy Efficient Pumps) (Unmetered)	-	-	-
PTW: Rural Schedule (metered) (Total)	3,14,504	14,88,372	2,813.99
PTW: Rural Schedule (metered)	3,14,504	14,88,372	2,813.99
PTW: Rural Schedule (Energy Efficient Pumps) (metered)	-	-	-
Consumers getting supply as per	10,858	55,013	96.73



Consumer Category/ Sub-Category	Consumers	Load (kW)	Projected Sales (MU)
"Urban Schedule (Metered Supply)"			
PTW: Urban Schedule (metered)	10,858	55,013	96.73
<b>Sub Total</b>	<b>3,25,377</b>	<b>15,43,448</b>	<b>2,910.88</b>
<b>LMV 6: Small and Medium Power upto 100 HP (75 kW)</b>			
Consumers getting supply as per "Rural Schedule"	10,771	99,522	111.65
Consumers getting supply other than "Rural Schedule"	17,124	2,58,383	374.51
<b>Sub Total</b>	<b>27,894</b>	<b>3,57,904</b>	<b>486.17</b>
<b>LMV-7: Public Water Works</b>			
Consumers getting supply as per "Rural Schedule"	8,833	1,11,100	337.09
Rural Metered	8,833	1,11,100	337.09
Rural Unmetered	-	-	-
Consumers getting supply other than "Rural Schedule"	8,962	1,57,372	509.45
Urban Metered	8,962	1,57,372	509.45
Urban Unmetered	-	-	-
<b>Sub Total</b>	<b>17,794</b>	<b>2,68,471</b>	<b>846.54</b>
<b>LMV-9: Temporary Supply</b>			
Metered	14,211	35,937	53.76
Metered TS: Individual residential consumers	12,182	21,507	28.35
Metered TS: Others	2,029	14,430	25.40
Unmetered	3	30	0.14
Unmetered TS: Ceremonies	3	30	0.14
Unmetered TS: Temp shops	-	-	-
<b>Sub Total</b>	<b>14,214</b>	<b>35,968</b>	<b>53.90</b>
<b>LMV-11: Electrical Vehicles</b>			
Multi Story Buildings	7	-	0.07
LMV-1b	7	-	0.07
HV-1b	-	-	-
Public Charging Station	385	13,144	24.05
LT	375	5,892	15.74
HT	10	7,252	8.31
<b>Sub Total</b>	<b>392</b>	<b>13,144</b>	<b>24.12</b>
<b>HV-1: Non-Industrial Bulk Loads</b>			
Commercial Loads / Private Institutions / Non-Domestic Bulk Power with contracted Load 75 kW & above and getting supply at single point on 11 kV & above voltage level.	1,416	3,73,600	794.31



Consumer Category/ Sub-Category	Consumers	Load (kW)	Projected Sales (MU)
Supply at 11 kV	708	3,69,864	413.04
Supply above 11 kV	708	3,736	381.27
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	609	2,46,159	484.36
Supply at 11 kV	517	2,43,698	242.18
Supply above 11 kV	91	2,462	242.18
<b>Sub Total</b>	<b>2,024</b>	<b>6,19,759</b>	<b>1,278.67</b>
<b>HV-2: Large and Heavy Power above 100 BHP (75 kW)</b>			
HV2 Urban Schedule: Supply at 11 kV	2,819	7,29,896	1,854.90
HV2 Urban Schedule: Supply above 11 kV & upto 66 kV	124	2,48,479	383.80
HV2 Urban Schedule: Supply above 66 kV & upto 132 kV	13	85,142	200.56
HV2 Urban Schedule: Supply above 132 kV	1	156	3.15
HV2 Rural Schedule: Supply at 11 kV	314	55,423	421.72
<b>Sub Total</b>	<b>3,271</b>	<b>11,19,095</b>	<b>2,864.14</b>
<b>HV-3: Railway Traction</b>			
HV3A Supply for all Voltage level (Railways)	1	6,000	13.42
HV3B For Metro traction	1	6,600	3.96
<b>Sub Total</b>	<b>2</b>	<b>12,600</b>	<b>17.38</b>
<b>HV-4: Lift Irrigation &amp; P. Canals above 100 BHP (75 kW)</b>			
HV4 Supply at 11kV	7	3,325	6.44
HV4 Supply above 11kV & upto 66kV	10	21,933	42.00
HV4 Supply above 66 kV & upto 132kV	1	80	-
<b>Sub Total</b>	<b>18</b>	<b>25,338</b>	<b>48.44</b>
	0	0	-
<b>Extra State Consumer</b>	<b>1</b>	<b>5,000</b>	<b>13.00</b>
<b>Bulk Supply Consumer</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Grand Total</b>	<b>1,07,93,402</b>	<b>1,92,92,594</b>	<b>28,311.41</b>

- 4.1.5. The Hon'ble Commission is requested to approve the billing determinants as submitted in the above table.

## 4.2. Distribution Loss

- 4.2.1. The Petitioner has discussed the approach for the Distribution loss trajectory in detail in True-up section for FY 2023-24 above. Accordingly, the Petitioner projects the following distribution loss for FY 2025-26.

**TABLE 4-2 DISTRIBUTION LOSS (%) FOR FY 2025-26**

Distribution Loss (%)	FY 2025-26	
	Approved in Commissions Order dtd. 24.05.2023	Projected
MVVNL	14.20%	14.20%

## 4.3. Energy Balance

- 4.3.1. The Energy Balance for FY 2025-26 is shown in the Table below:

**TABLE 4-3 ENERGY BALANCE FOR FY 2025-26**

Particulars	Projected
Retail Sales	28,311.44
Distribution Losses	14.20%
Energy at Discom Periphery for Retail Sales	32,997.02
Intra-State Transmission Losses	3.18%
Energy Available at State periphery for Transmission	34,080.79
Energy Purchase from Stations connected to Intra-State Transmission network (UPPTCL)	23,334.76
Energy Purchase from Stations connected to Inter-State Transmission network (PGCIL)	10,746.03
Inter-State Transmission Loss	<b>3.83%</b>
Net Energy Received from Stations connected to Inter-State Transmission network at UPPTCL Periphery (Ex-Bus)	<b>11,174.20</b>
<b>Power Purchase Required &amp; Billed Energy (MU) (Ex-Bus)</b>	<b>34,508.96</b>

## 4.4. Power Purchase Expense

- 4.4.1. UPPCL is procuring power on behalf of Discoms at consolidated level. Accordingly, the Power Purchase section represents the consolidated power purchase at UPPCL level. The consolidated energy balance (detailed Energy Balance with further break-up of inter-State energy has been submitted in Format F13L of MYT Formats) for FY 2025-26 is as follows: -

**TABLE 4-4 CONSOLIDATED ENERGY REQUIREMENT FOR FY 2025-26**

Particulars	Consolidated
Retail Sales	1,33,780
Distribution Losses	13.12%
Energy at Discom Periphery for Retail Sales	1,53,990
Intra-State Transmission Losses	3.18%
Energy Available at State periphery for Transmission	1,59,047
Energy Purchase from Stations connected to Intra-State Transmission network (UPPTCL)	1,08,898
Energy Purchase from Stations connected to Inter-State Transmission network (PGCIL)	50,149
Inter-State Transmission Loss	<b>3.83%</b>
Net Energy Received from Stations connected to Inter-State Transmission network at UPPTCL Periphery (Ex-Bus)	<b>52,147</b>
<b>Power Purchase Required &amp; Billed Energy (MU) (Ex-Bus)</b>	<b>1,61,045</b>

4.4.2. This power purchase requirement is primarily fulfilled through multiple sources, with whom UPPCL and Discoms have long-term tied-up allocated capacities. The main sources of power procurement are broadly categorised as under:

- a) State Generating Stations – UPRUVNL and UJVNL
- b) Central Generating Stations – NTPC, NHPC, NPCIL, THDC, SJVNL
- c) Independent Power Plants (IPPs) and Joint Ventures (JVs)
- d) Renewable Energy Generating Stations – Solar, Wind, Biomass, Bagasse, MSW, etc.

4.4.3. In addition to the above sources, UPPCL is also required to purchase power from short-term sources including power trading companies, Power Exchanges in case of shortfall from regular sources or to meet the deviation from estimated demand depending on the availability.

4.4.4. It is submitted that there are technical, regulatory and operational issues related to MOD preparation based on Merit Order Despatch and Optimization of Power Purchase Regulations, 2021. It has been further communicated that licensee cannot address these issues as these are in the domain of SLDC :-

- i. Actual allowable Power Purchase Cost is to be computed as per clause 16.2 Multi Year Tariff for Distribution and Transmission (First Amendment) Regulations, 2020 reproduced as under: -

***(Power Purchase Cost) actual allowable for a particular month will be total of actual variable costs of all the applicable variable cost of power purchase sources by applying MOD upto the (Power Purchase Quantum) actual allowable for that particular month.***

- ii. Hon'ble Commission in its computation has interpreted that computation of per unit variable cost shall be carried out plant wise from lowest to highest variable cost and thereafter the cut-off is to be applied as per actual allowable quantum for the month for these plants.

SLDC implements the MOD for each 15 minutes of 96 time blocks, each day on a real time basis, taking into **account the following provisions of Merit Order Dispatch and Optimization of Power Purchase Regulations, 2021 related to various technical, regulatory and operational limits of generation and transmission system:**

- (I) 2. (19) “Merit Order Dispatch (MOD)” means dispatch of generating stations to supply electricity in accordance with the merit order based on variable charges taking into account any technical, regulatory and operational limits of generation and transmission facilities.
- (II) 11. (1) The technical minimum for operation in respect of a coal fired/gas fired/ multi fuel based thermal generating unit connected to the STU shall be 55% of its installed capacity or as mentioned in the ISGS.”

The scheduled power of SLDC is based on the lower variable cost taking into account technical, regulatory and operational limits of generation and transmission facilities, which shall have been considered for implementing Actual MOD as per MOD Regulations.

- iii. As per the regulatory framework, the above provisions of the Regulation for all the plants are essential to be considered, which cannot be considered when the MOD is re-applied monthly. As per the above provisions of the UPERC Merit Order Dispatch and Optimization of Power Purchase Regulations, 2021, it is the responsibility of SLDC to prepare MOD stack and schedule power considering all technical, regulatory and operational constraints, therefore, any clarification pertaining to MOD stack, schedule of power may be dealt with by SLDC only as per Regulatory provisions, MOD cannot be applied without complying above provisions of the Regulations. The relevant portion of the Regulation is reproduced below:-

5. (2) The Distribution Licensee shall verify and submit the details of variable charges of all the Generating Stations/units from which they are procuring power for preparing MOD stack based on Variable Charges of (n-1)th month. In case the Variable Charges for (n-2)th month needs to be considered and submitted to SLDC for preparation of the MOD stack by 7<sup>th</sup> day and 22<sup>nd</sup> day of every month with intimation to the seller with whom it has the PPA.

5. (3) SLDC shall prepare the MOD stack by the 12<sup>th</sup> day of every month for the data it has received by 7<sup>th</sup> day of the month, which would be effective from the 16<sup>th</sup> day of the month till the last day of the month unless revised by SLDC. SLDC shall upload the fortnightly MOD stack on its website in the format given at Annexure-1 by 15:00 hours on 12<sup>th</sup> of every month.

5. (4) Similarly, SLDC shall prepare the MOD stack by the 27<sup>th</sup> day of every month for the data it has received by 22<sup>nd</sup> day of every month, which would be effective from the 1<sup>st</sup> day of every subsequent month till the 15<sup>th</sup> day of that month unless revised by SLDC. SLDC shall upload the fortnightly MOD stack on its website in the format given in Annexure-1 by 15:00 hours on the 27<sup>th</sup> of every month.

As per the above provisions, SLDC is required to prepare the Stack twice in a month; thus, two separate MODs stacks are implemented in a particular month. For each MOD the generating plant qualifying under merit can be different.

- 4.4.5. It is submitted that the power procurement from different sources is undertaken by adopting Merit Order Despatch (MoD) principle for optimal utilization of the available sources at least variable cost. For projection of availability, the entire power available from all the tied-up sources during the financial year to meet the demand have been considered. Thereafter, the MoD principle has been applied on the generating stations not having must-run status, on monthly basis to arrive at the projected power purchase for the month and accordingly the power purchase cost for the entire FY 2025-26 is computed. While full fixed (capacity) charges have been considered for all the generating stations, in respect of generating stations covered under MoD principles, the variable charges corresponding to the cheaper sources have been considered, whereas no variable charges have been considered in respect of energy not scheduled for power purchase.
- 4.4.6. Here, it is important to note that considering the capacity available and the demand projection on month-to-month basis, there is no power procurement scheduled from short-term sources, i.e. Traders or power exchange during FY 2025-26. This is due to the reason that the MoD principle has been applied on month on month basis. However, as the actual power is scheduled on 15-minute slot basis, there are bound to be deviation from the MoD, due to actual availability of long-term sources for these slots. Therefore, the actual power procurement from various sources is bound to vary accordingly. Further, as already discussed, there shall also be requirement to purchase power from short-term sources including power trading companies, Power Exchanges in case of shortfall from regular sources or to meet the deviation from estimated demand depending on the availability. Accordingly, the Hon'ble Commission is requested to consider actual power purchase at the time of Truing-up and/or computation of Fuel Surcharge Rate.
- 4.4.7. It is further submitted that the exchange or short-term power is being procured when the actual power procurement from various sources is vary, as the actual power is scheduled on 15-minute slot basis. Further, there shall also be requirement to purchase power from short-term sources including power trading companies, Power Exchanges in case of shortfall from regular sources or to meet the deviation from estimated demand depending on the availability.
- 4.4.8. The Petitioner requests the Hon'ble Commission may kindly allow the short-term power purchases to fulfil contingency requirement of the Licensee via bilateral, power exchange, traders, etc.
- 4.4.9. In this regard to the short-term power purchase, it is respectfully submitted that demand is forecasted on hourly basis considering hourly

historical data for each day. Considering utility in planning and procurement, Monthly Demand Characteristic Curve with hourly resolution, representing Average Demand for the respective hour for the entire month, is forecasted. In addition to the above, hourly peak demand for the respective month is also forecasted.

- 4.4.10. Considering that, there is a significant variation in hourly Average and Peak Demand for a month, balance is to be maintained for minimizing over procurement. To optimize and avoid over procurement based on peak demand for the entire month.
- 4.4.11. Considering the present and upcoming plants availability and based on historic data, Generation from hydro plants have been considered as per their historic schedules. The following upcoming plants are considered as per the expected COD.

**TABLE 4-5 COD OF UPCOMING PLANTS FOR FY 2025-26**

COD of Upcoming Plants						
S.No	Financial Year	Plant Name	Type	Generator	COD (Expected)	U P (share)
1	2025-2026	SUBANSIRI LOWER (8x250 MW)	Hydro	NHPC	2 Units in March, 2025	46
2		JAWAHARPUR *(2x660 MW)	Thermal	UPRUVNL	Unit2-30.11.2024	660
3		OBRA -C *(2x660MW)	Thermal	UPRU	Unit2-31.01.2025	660
4		GHATAMPUR* (3x660MW)	Thermal	UPRVUNL+NLC	Unit I-20.11.2024	495.76
5		KHURJA STPP * (2x660 MW)	Thermal	THDC	Unit1-Nov 2024	427.2
6		PARBATI-II (4x200 MW)	Hydro	NHPC	Q4 1-01-2025	156
7		GHATAMPUR* (3x660MW)	Thermal	UPRVUNL+NLC	Unit 2-20.03.2025	495.76
8		KHURJA STPP * (2x660 MW)	Thermal	THDC	Unit 2-Mar 2025	427.2
9		PANKI (660MW) (Ext.)	Thermal	UPRUVNL	31.01.2025	660
10	2025-2026	PAKALDUL (5X200MW)	Hydro	CVPPPL (NHPC+JKSPDL+PTC)	01-07-2025	200
11		GHATAMPUR* (3x660MW)	Thermal	UPRVUNL+NLC	Unit 3-30.06.2025	495.76
12		Kiru HEP (4X156MW)	Hydro	NHPC	01-03-2026	To be allotted
13		VISHNUGARH PIPAL KOTI (4x111MW)	Hydro	THDC	Unit-I 31.03.2026	41.5

- 4.4.12. The petitioner has identified power availability GAP in peak hours for the months of April to September (15<sup>th</sup>) FY 2025-26. As such UPPCL holding

company of the petitioner has a proposed power procurement plan for Apr-24 to Sept-24 (15<sup>th</sup>) of FY 2025-26 as below:

**TABLE 4-6 POWER PROCUREMENT PLAN FOR FY 2025-26 (MW)**

<b>Anticipated requirement of Power for FY-2024-25</b>	
<b>Month</b>	<b>Required Power (Mus)</b>
Oct-24	477.4
Nov-24	51
Dec-24	63
Jan-25	316
Feb-25	59
Mar-25	22
<b>Total</b>	<b>988.7</b>
<b>Anticipated requirement of Power for FY-2025-26</b>	
<b>Month</b>	<b>Anticipated Procurement through Short term contracts (Mus)</b>
Apr-25	30.3
May-25	552.7
Jun-25	630.2
Jul-25	421.2
Aug-25	340.6
Sep-25	275.7
Oct-25	164.7
Nov-25	51.8
Dec-25	63.8
Jan-26	322.8
Feb-26	60.6
Mar-26	22.6
<b>Total</b>	<b>2936.9</b>

4.4.13. The assumptions considered for projection of power purchase quantum and cost is as follows:

**TABLE 4-7 ASSUMPTIONS CONSIDERED FOR FY 2025-26**

<b>1</b>	<b>State Thermal Generating Stations (UPRVUNL)</b>	
<b>Sl. No.</b>	<b>Particulars</b>	<b>Assumptions</b>
<b>i</b>	Power Purchase Quantum	Month wise power purchase quantum for FY 25-26 & remaining months of FY 2024-25 has been projected based on the monthly average PLF of generating stations from April 2019 to March 2024. For upcoming generating thermal generating stations of UPRVUNL, 85% PLF is considered.
<b>ii</b>	Fixed & Energy Charges	The fixed charges have been calculated based on the actual fixed charges payable for FY 2023-24, with an escalation factor applied, reflecting historical fixed cost increases during the second half of FY 2024-25 and a 1% increase for FY 2025-26. Energy charges have been determined using the actual average energy charge for FY 2023-24, with an escalation factor of 2%. For upcoming generating stations, rates for comparable units have been considered.



<b>2 State Hydro Generating Stations (UPJVNL)</b>		
<b>S. No.</b>	<b>Particulars</b>	<b>Assumptions</b>
<b>i</b>	Power Purchase Quantum	In case of existing generating stations, the net power purchase quantum for FY 2025-26 is projected based on the monthly average PLF of past years from April, 2019 (or month of COD, whichever is later) to March 2024.
<b>ii</b>	Fixed & Energy Charges	The fixed charges have been calculated based on the actual fixed charges payable for FY 2023-24, with an escalation factor applied, reflecting historical fixed cost increases during the second half of FY 2024-25 and a 1% increase for FY 2025-26. Energy charges have been determined using the actual average energy charge for FY 2023-24, with an escalation factor of 2%. For upcoming generating stations, rates for comparable units have been considered.
<b>3 (A) Central Generating Stations (NTPC)</b>		
<b>S. No.</b>	<b>Particulars</b>	<b>Assumptions</b>
<b>i</b>	Power Purchase Quantum	In case of existing generating stations, the net power purchase quantum for FY 2025-26 is projected based on the monthly average PLF of past years from April, 2019 (or month of COD, whichever is later) to March 2024.
<b>ii</b>	Fixed & Energy Charges	The fixed charges have been calculated based on the actual fixed charges payable for FY 2023-24, with an escalation factor applied, reflecting historical fixed cost increases during the second half of FY 2024-25 and a 1% increase for FY 2025-26. Energy charges have been determined using the actual average energy charge for FY 2023-24, with an escalation factor of 2%. For upcoming generating stations, rates for comparable units have been considered.
<b>3 (B) Central Generating Stations (NHPC)</b>		
<b>S. No.</b>	<b>Particulars</b>	<b>Assumptions</b>
<b>i</b>	Power Purchase Quantum	In case of existing generating stations, the net power purchase quantum for FY 2025-26 is projected based on the monthly average PLF of past years from April, 2019 (or month of COD, whichever is later) to March 2024.
<b>ii</b>	Fixed & Energy Charges	The fixed charges have been calculated based on the actual fixed charges payable for FY 2023-24, with an escalation factor applied, reflecting historical fixed cost increases during the second half of FY 2024-25 and a 1% increase for FY 2025-26. Energy charges have been determined using the actual average energy charge for FY 2023-24, with an escalation factor of 2%. For upcoming generating stations, rates for comparable units have been considered.
<b>3 (C) Central Generating Stations (NPCIL)</b>		
<b>S. No.</b>	<b>Particulars</b>	<b>Assumptions</b>
<b>i</b>	Power Purchase Quantum	Generation for FY 24-25 for the months from Oct 24 to Mar 25 & for FY 2025-26 has been projected based on the monthly average PLF of past year from April, 2019 (or month of COD, whichever is later) to March 2024.
<b>ii</b>	Fixed & Energy Charges	The energy charges have been computed based on actual average energy charge for FY 2023-24 with escalation factor of 2%. For upcoming generating stations, rate for similar units have been considered.
<b>3 (D) Central Generating Stations (SJVN)</b>		
<b>S. No.</b>	<b>Particulars</b>	<b>Assumptions</b>
<b>i</b>	Power	In case of existing generating stations, the net power purchase quantum



	Purchase Quantum	for FY 2025-26 is projected based on the monthly average PLF of past years from April, 2019 (or month of COD, whichever is later) to March 2024.
<b>ii</b>	Fixed & Energy Charges	The fixed charges have been calculated based on the actual fixed charges payable for FY 2023-24, with an escalation factor applied, reflecting historical fixed cost increases during the second half of FY 2024-25 and a 1% increase for FY 2025-26. Energy charges have been determined using the actual average energy charge for FY 2023-24, with an escalation factor of 2%. For upcoming generating stations, rates for comparable units have been considered.
<b>3 (E)</b>	<b>Central Generating Stations (THDC- HYDRO)</b>	
<b>S. No.</b>	<b>Particulars</b>	<b>Assumptions</b>
<b>i</b>	Power Purchase Quantum	In case of existing generating stations, the net power purchase quantum for FY 2025-26 is projected based on the monthly average PLF of past years from April, 2019 (or month of COD, whichever is later) to March 2024.
<b>ii</b>	Fixed & Energy Charges	The fixed charges have been calculated based on the actual fixed charges payable for FY 2023-24, with an escalation factor applied, reflecting historical fixed cost increases during the second half of FY 2024-25 and a 1% increase for FY 2025-26. Energy charges have been determined using the actual average energy charge for FY 2023-24, with an escalation factor of 2%. For upcoming generating stations, rates for comparable units have been considered.
<b>3 (F)</b>	<b>Central Generating Stations (NTPC- HYDRO)</b>	
<b>S. No.</b>	<b>Particulars</b>	<b>Assumptions</b>
<b>i</b>	Power Purchase Quantum	In case of existing generating stations, the net power purchase quantum for FY 2025-26 is projected based on the monthly average PLF of past years from April, 2019 (or month of COD, whichever is later) to March 2024.
<b>ii</b>	Fixed & Energy Charges	The fixed charges have been calculated based on the actual fixed charges payable for FY 2023-24, with an escalation factor applied, reflecting historical fixed cost increases during the second half of FY 2024-25 and a 1% increase for FY 2025-26. Energy charges have been determined using the actual average energy charge for FY 2023-24, with an escalation factor of 2%. For upcoming generating stations, rates for comparable units have been considered.
<b>4 (A)</b>	<b>IPPs / JVs</b>	
<b>S. No.</b>	<b>Particulars</b>	<b>Assumptions</b>
<b>i</b>	Power Purchase Quantum	For existing generating stations, the net power purchase quantum for FY 2025-26 is projected based on the monthly average PLF of past years from April, 2019 (or month of COD, whichever is later) to March 2024.  For new generating stations, net generation is projected based on 85% PLF.
<b>ii</b>	Fixed & Energy Charges	The fixed charges have been calculated based on the actual fixed charges payable for FY 2023-24, with an escalation factor applied, reflecting historical fixed cost increases during the second half of FY 2024-25 and a 1% increase for FY 2025-26. Energy charges have been determined using the actual average energy charge for FY 2023-24, with an escalation factor of 2%. For upcoming generating stations, rates for comparable units have been considered.

4 (B)	IPPs / JVs	HYDRO
S. No.	Particulars	Assumptions
i	Power Purchase Quantum	In case of existing generating stations, the net power purchase quantum for FY 2025-26 is projected based on the monthly average PLF of past years from April, 2019 (or month of COD, whichever is later) to March 2024. For upcoming generating station average monthly PLF of 50% have been considered.
ii	Fixed & Energy Charges	The fixed charges have been computed based on actual payable for FY 2023-24 with escalation factor of 2%. The energy charges have been computed based on actual average energy charge for FY 2023-24 with escalation factor of 2%. For upcoming generating stations, rate for similar units have been considered.
<b>Other Sources (SOLAR)</b>		
S. No.	Particulars	Assumptions
i	Power Purchase Quantum	The net power purchase quantum for FY 2025-26 is projected based on the capacity allocation available (MW) submitted before Commission (provided by PPA) and CUF is considered at 19%. Further, in the absence of specific COD available for upcoming generating capacities, the generation has been computed at 50% of the capacity addition during the FY.
ii	Fixed & Energy Charges	The energy charges have been computed based on the weighted average energy charge rate of solar generating stations
<b>Other Sources (WIND)</b>		
S. No.	Particulars	Assumptions
i	Power Purchase Quantum	The net power purchase quantum for FY 2025-26 is projected based on the capacity allocation available (MW) submitted before Commission (provided by PPA) and CUF is considered at 25%. Further, in the absence of specific COD available for upcoming generating capacities, the generation has been computed at 50% of the capacity addition during the FY.
ii	Fixed & Energy Charges	The energy charges has been computed based on the weighted average energy charge rate of wind generating stations.
<b>Other Sources (BIOMASS)</b>		
S. No.	Particulars	Assumptions
i	Power Purchase Quantum	The net power purchase quantum for FY 2025-26 is projected based on the capacity allocation available (MW) submitted before Commission (provided by PPA) and CUF is considered as 50% in line with UPERC (Captive and Renewable Energy Generating Plants) Regulations, 2019).
ii	Fixed & Energy Charges	The energy charges have been computed based on the weighted average energy charge rate of Biomass generating stations
<b>Other Sources (BAGASSE)</b>		
S. No.	Particulars	Assumptions
i	Power Purchase Quantum	The net power purchase quantum for FY 2025-26 is projected based on the capacity allocation available (MW) submitted before Commission (provided by PPA) and CUF is considered as 50% in line with UPERC (Captive and Renewable Energy Generating Plants) Regulations, 2019).
ii	Fixed & Energy	The energy charges have been computed based on the weighted average energy charge rate of Bagasse based generating stations

	Charges	
	<b>Other Sources (MSW)</b>	
<b>S. No.</b>	<b>Particulars</b>	<b>Assumptions</b>
<b>i</b>	Power Purchase Quantum	The net power purchase quantum for FY 2025-26 is projected based on the capacity allocation available (MW) submitted before Commission (provided by PPA) and CUF is considered as 75% in line with UPERC (Captive and Renewable Energy Generating Plants) Regulations, 2019).
<b>ii</b>	Fixed & Energy Charges	The energy charges have been considered in line with UPERC (Captive and Renewable Energy Generating Plants) Regulations, 2019).

4.4.14. The details of power purchase cost from generating stations for FY 2025-26 based on above assumptions is shown in the table below:

**TABLE 4-8 GENERATING STATION-WISE POWER PURCHASE COST & PER UNIT TOTAL COST FOR FY 2025-26**

SN	Source of Power (Station wise)	FY 2025-26						
		Units despatched after MOD (MU)	Annual Fixed Charges		Annual Energy/ Variable Charge		Total Cost	
			(Rs. / kWh)	(Rs. Cr.)	(Rs. / kWh)	(Rs. Cr.)	(Rs. / kWh)	(Rs. Cr.)
<b>A</b>	<b>Long term Sources</b>							
<b>a</b>	<b>Power procured from own Generating Stations (if any)</b>							
<b>b</b>	<b>From State Generating Stations Thermal</b>							
1	ANPARA-A	3,515.87	0.25	88.83	2.42	852.16	2.68	940.99
2	ANPARA-B	6,264.07	0.53	334.63	2.09	1,307.80	2.62	1,642.44
3	PANKI	-	-	-	-	-	-	-
4	PARICHHA	-	-	-	-	-	-	-
5	PARICHHA EXT.	1,366.05	2.89	395.29	3.42	467.81	6.32	863.10
6	OBRA-A	-	-	-	-	-	-	-
7	OBRA-B	4,264.75	3.49	1,490.50	2.83	1,207.20	6.33	2,697.70
8	HARDUAGANJ	-	-	-	-	-	-	-
9	HARDUAGANJ EXT.	-	-	558.61	-	-	-	558.61
10	PARICHHA EXT. STAGE-II	880.04	5.41	476.49	3.43	302.29	8.85	778.78
11	ANPARA-D	6,023.92	2.37	1,428.36	2.07	1,247.36	4.44	2,675.71
12	Panki Extension	4,631.78	1.89	875.41	2.25	1,040.88	4.14	1,916.29
13	HARDUAGANJ EXT. Stage II	-	-	1,133.25	-	-	-	1,133.25
14	OBRA-C	8,296.80	1.70	1,413.00	3.31	2,747.42	5.01	4,160.42
15	Jawaharpur	1,548.16	13.57	2,100.86	3.90	604.08		2,704.94
	<b>Sub-Total</b>	<b>36,791.44</b>	<b>2.80</b>	<b>10,295.22</b>	<b>2.66</b>	<b>9,777.01</b>	<b>5.46</b>	<b>20,072.23</b>
<b>c</b>	<b>From State Generating Stations Hydro</b>							
1	RIHAND	449.38	1.93	86.63	0.49	21.97	2.42	108.60
2	OBRA ( H )	239.90	0.54	12.86	0.43	10.31	0.97	23.17

SN	Source of Power (Station wise)	FY 2025-26						
		Units despatched after MOD (MU)	Annual Fixed Charges		Annual Energy/ Variable Charge		Total Cost	
			(Rs. / kWh)	(Rs. Cr.)	(Rs. / kWh)	(Rs. Cr.)	(Rs. / kWh)	(Rs. Cr.)
3	MATATILA	66.56	0.46	3.08	0.43	2.84	0.89	5.91
4	KHARA	262.14	0.61	15.93	0.46	12.18	1.07	28.10
5	UGC	27.16	-	-	2.94	8.00	2.94	8.00
6	SHEETLA	2.34	-	-	1.60	0.37	1.60	0.37
7	BELKA	3.30	-	-	2.21	0.73	2.21	0.73
8	BABAIL	3.25	-	-	2.94	0.96	2.94	0.96
	<b>Sub-Total</b>	<b>1,054.03</b>	<b>1.12</b>	<b>118.49</b>	<b>0.54</b>	<b>57.35</b>	<b>1.67</b>	<b>175.84</b>
<b>d</b>	<b>From Central Sector Generating Stations</b>							
<b>a</b>	<b>Thermal (NTPC)</b>							
1	ANTA GPS	-	-	52.28	-	-	-	52.28
2	AURAIYA GPS	-	-	619.55	-	-	-	619.55
3	DADRI GPS	-	-	262.74	-	-	-	262.74
4	JHANOR GPS	-	-	0.02	-	-	-	0.02
5	KAWAS GPS	0.14	1.03	0.01	3.12	0.04	4.15	0.06
6	TANDA -TPS	-	-	506.63	-	-	-	506.63
7	FGUTPS-I	-	-	282.90	-	-	-	282.90
8	FGUTPS-II	144.68	8.90	128.77	3.84	55.59	12.74	184.35
9	FGUTPS-III	-	-	90.93	-	-	-	90.93
10	FGUTPS-IV	-	-	392.43	-	-	-	392.43
11	FSTPS	50.30	13.59	68.37	3.57	17.98	17.17	86.34
12	KHTPS-I	335.71	2.21	74.26	3.18	106.64	5.39	180.90
13	KHTPS-II	1,069.55	2.11	225.41	3.05	326.00	5.16	551.41
14	NCTPS-I	-	-	133.21	-	-	-	133.21
15	NCTPS-II	-	-	141.60	-	-	-	141.60
16	RIHAND-I	2,167.64	0.94	203.56	1.65	356.98	2.59	560.54
17	RIHAND-II	2,151.68	1.11	239.70	1.64	352.27	2.75	591.97
18	RIHAND-III	2,405.11	3.29	791.06	1.62	388.71	4.91	1,179.77
19	SINGRAULI	5,132.41	1.51	774.98	1.60	820.44	3.11	1,595.41
20	KORBA-I STPS	18.62	1.17	2.17	1.49	2.77	2.65	4.94

SN	Source of Power (Station wise)	FY 2025-26						
		Units despatched after MOD (MU)	Annual Fixed Charges		Annual Energy/ Variable Charge		Total Cost	
			(Rs. / kWh)	(Rs. Cr.)	(Rs. / kWh)	(Rs. Cr.)	(Rs. / kWh)	(Rs. Cr.)
21	KORBA-III STPS	8.72	1.56	1.36	1.46	1.27	3.02	2.63
22	MAUDA-I STPS	5.22	5.31	2.77	3.55	1.85	8.86	4.63
23	MAUDA-II STPS	-	-	4.31	-	-	-	4.31
24	SOLAPUR TPS	-	-	6.99	-	-	-	6.99
25	SIPAT-I STPS	30.90	1.89	5.85	1.49	4.61	3.39	10.46
26	SIPAT-II STPS	11.99	1.47	1.76	1.54	1.84	3.01	3.61
27	VINDHYANCHAL-I STPS	16.10	1.10	1.77	1.66	2.68	2.77	4.45
28	VINDHYANCHAL-II STPS	12.61	1.02	1.29	1.60	2.02	2.62	3.31
29	VINDHYANCHAL-III STPS	13.09	1.15	1.51	1.59	2.08	2.74	3.58
30	VINDHYANCHAL-IV STPS	16.68	3.41	5.70	1.57	2.62	4.98	8.31
31	VINDHYANCHAL-V STPS	8.78	2.97	2.61	1.63	1.43	4.60	4.04
32	TANDA -II-TPS	1,423.38	9.28	1,321.11	3.76	534.98	13.04	1,856.10
33	NABINAGAR POWER PROJECT	1,466.80	-	-	2.77	406.86	2.77	406.86
34	APCPL	-	-	29.47	-	-	-	29.47
35	GODARWARA STPS-I	-	-	6.84	-	-	-	6.84
36	LARA STPS-I	27.09	2.38	6.44	1.41	3.82	3.79	10.26
37	KHARGONE STPS	-	-	9.17	-	-	-	9.17
	Sub-Total	16,517.19	3.87	6,399.52	2.05	3,393.47	5.93	9,792.99
<b>e</b>	<b>NPCIL</b>							
1	KAPS	9.34	-	-	4.26	3.98	4.26	3.98
2	NAPP	1,039.83	-	-	3.11	323.71	3.11	323.71
3	TAPP-3 & 4	17.82	-	-	3.59	6.39	3.59	6.39
4	RAPP-3 & 4	442.37	-	-	3.47	153.71	3.47	153.71
5	RAPP-5 & 6	660.69	-	-	4.08	269.30	4.08	269.30
	<b>Sub-Total</b>	<b>2,170.06</b>	<b>-</b>	<b>-</b>	<b>3.49</b>	<b>757.10</b>	<b>3.49</b>	<b>757.10</b>
<b>f</b>	<b>Hydro (NHPC)</b>							
1	SALAL	231.70	2.65	61.36	0.79	18.41	3.44	79.76
2	TANAKPUR	89.43	4.43	39.60	2.68	23.98	7.11	63.58
3	CHAMERA-I	425.08	1.43	60.75	1.08	45.96	2.51	106.71
4	URI	543.40	1.90	103.21	0.91	49.28	2.81	152.49

SN	Source of Power (Station wise)	FY 2025-26						
		Units despatched after MOD (MU)	Annual Fixed Charges		Annual Energy/ Variable Charge		Total Cost	
			(Rs. / kWh)	(Rs. Cr.)	(Rs. / kWh)	(Rs. Cr.)	(Rs. / kWh)	(Rs. Cr.)
5	CHAMERA-II	293.28	1.71	50.06	1.01	29.68	2.72	79.74
6	DHAULIGANGA	249.16	2.41	60.00	1.30	32.43	3.71	92.43
7	DULHASTI	480.44	3.64	174.69	2.23	107.29	5.87	281.98
8	SEWA-II	109.32	4.29	46.91	2.45	26.83	6.75	73.74
9	CHAMERA-III	209.85	3.02	63.43	2.03	42.60	5.05	106.02
10	URI-II	322.47	3.70	119.43	2.01	64.71	5.71	184.14
11	PARBATI-III HEP	133.05	4.68	62.29	1.38	18.35	6.06	80.64
12	KISHANGANGA	567.20	2.99	169.62	1.96	111.32	4.95	280.94
13	PARBATI-II	675.08	2.25	151.89	2.34	158.03	4.59	309.92
14	SUBANSIRI LOWER	491.44	0.90	44.30	2.34	115.04	3.24	159.34
15	PAKALDUL	651.02	0.56	36.62	2.34	152.40	2.90	189.02
	<b>Sub-Total</b>	<b>5,471.93</b>	<b>2.27</b>	<b>1,244.15</b>	<b>1.82</b>	<b>996.30</b>	<b>4.09</b>	<b>2,240.45</b>
<b>g</b>	<b>HYDRO (NTPC)</b>							
1	KOLDAM HPS	606.86	3.47	210.78	2.54	154.24	6.02	365.03
2	TAPOVAN VISHNUGARH	251.35	-	-	-	-	-	-
3	LATA TAPOVAN HEP	-	-	-	-	-	-	-
<b>4</b>	<b>SINGRAULI SHPS</b>	<b>12.76</b>	<b>-</b>	<b>-</b>	<b>5.24</b>	<b>6.69</b>	<b>5.24</b>	<b>6.69</b>
	<b>Sub-Total</b>	<b>870.96</b>	<b>2.42</b>	<b>210.78</b>	<b>1.85</b>	<b>160.93</b>	<b>4.27</b>	<b>371.72</b>
<b>h</b>	<b>THDC</b>							
	<b>HYDRO</b>							
1	TEHRI	1,219.72	2.43	296.06	2.03	247.17	4.45	543.22
2	KOTESHWAR	481.55	3.37	162.23	2.84	136.75	6.21	298.98
3	Dhukwan	76.96	-	-	5.07	38.99	5.07	38.99
4	VISHNUGARH PIPAL KOTHI	0.49	2.25	0.11	2.34	0.12	4.59	0.23
	Thermal							
1	KHURJA STPP	5,996.06	2.50	1,499.01	2.60	1,559.57	5.10	3,058.59
	<b>Sub-Total</b>	<b>7,774.78</b>	<b>10.55</b>	<b>1,957.41</b>	<b>2.55</b>	<b>1,982.60</b>	<b>5.07</b>	<b>3,940.01</b>
<b>i</b>	<b>SJVN</b>							
1	RAMPUR	264.50	4.02	106.20	2.17	57.27	6.18	163.47
2	NATHPA JHAKRI	1,021.53	1.84	187.53	1.25	127.86	3.09	315.38

SN	Source of Power (Station wise)	FY 2025-26						
		Units despatched after MOD (MU)	Annual Fixed Charges		Annual Energy/ Variable Charge		Total Cost	
			(Rs. / kWh)	(Rs. Cr.)	(Rs. / kWh)	(Rs. Cr.)	(Rs. / kWh)	(Rs. Cr.)
	<b>Sub-Total</b>	<b>1,286.03</b>	<b>2.28</b>	<b>293.73</b>	<b>1.44</b>	<b>185.12</b>	<b>3.72</b>	<b>478.85</b>
<b>j</b>	<b>NEEPCO</b>							
1	Kameng HEP	245.73	-	-	4.16	102.26	4.16	102.26
<b>k</b>	<b>IPP/JV</b>							
	<b>HYDRO</b>							
1	TALA	108.19	-	-	2.36	25.55	2.36	25.55
2	VISHNU PRAYAG	1,514.45	0.21	31.15	1.11	167.76	1.31	198.91
3	KARCHAM	783.82	1.76	138.04	1.61	126.11	3.37	264.14
4	TEESTA-III	766.34	2.89	221.74	2.53	193.70	5.42	415.44
5	SRI NAGAR HEP	1,249.19	5.89	735.52	5.13	640.54	11.02	1,376.07
6	Rajghat Hydro	31.48	0.10	0.32	-	-	0.10	0.32
7	Hydro (Competitive Bidding)	1,501.44	0.40	59.81	2.75	413.62	3.15	473.44
	<b>Thermal</b>							
1	Meja Thermal Power Plant	7,186.28	2.70	1,942.67	3.16	2,267.87	5.86	4,210.54
2	LANCO	7,050.82	1.14	803.10	2.47	1,740.43	3.61	2,543.53
4	BEPL BARKHERA	-	-	112.41	-	-	-	112.41
5	BEPL KHAMBHAKHERA	-	-	117.89	-	-	-	117.89
6	BEPL KUNDRAKHI	-	-	115.09	-	-	-	115.09
7	BEPL MAQSOODAPUR	-	-	117.89	-	-	-	117.89
8	BEPL UTRAULA	-	-	120.60	-	-	-	120.60
9	KSK MAHANADI	1,695.68	13.61	2,308.65	3.43	581.14		2,889.79
10	LALITPUR	8,051.46	5.09	4,098.32	3.39	2,732.93	8.48	6,831.25
11	M.B.POWER (PTC)	2,688.01	4.58	1,230.67	2.22	597.56	6.80	1,828.23
12	PRAYAGRAJ POWER	10,247.35	1.47	1,504.85	2.65	2,719.05	4.12	4,223.90
13	R.K.M.POWER	2,671.68	2.89	773.21	2.49	664.58	5.38	1,437.78
14	ROSA-1&2	8,175.71	1.80	1,475.39	3.31	2,705.59	5.11	4,180.97
15	SASAN	3,583.75	0.27	95.08	1.20	428.62	1.46	523.69
16	TRN ENERGY (PTC)	2,133.80	3.55	757.31	1.64	348.89	5.18	1,106.20
17	Ghatampur	10,840.28	2.50	2,710.07	2.60	2,819.56	5.10	5,529.63
	<b>Sub-Total</b>	<b>70,279.72</b>	<b>2.77</b>	<b>19,469.79</b>	<b>2.73</b>	<b>19,173.49</b>	<b>5.50</b>	<b>38,643.27</b>



SN	Source of Power (Station wise)	FY 2025-26						
		Units despatched after MOD (MU)	Annual Fixed Charges		Annual Energy/ Variable Charge		Total Cost	
			(Rs. / kWh)	(Rs. Cr.)	(Rs. / kWh)	(Rs. Cr.)	(Rs. / kWh)	(Rs. Cr.)
	<b>Total</b>	<b>1,42,461.88</b>	<b>2.81</b>	<b>39,989.09</b>	<b>2.57</b>	<b>36,585.64</b>	<b>5.38</b>	<b>76,574.73</b>
<b>B</b>	<b>Medium term Sources</b>							
<b>C</b>	<b>Short term Sources</b>	<b>2,415.33</b>	<b>-</b>	<b>-</b>	<b>8.71</b>	<b>2,103.17</b>	<b>8.71</b>	<b>2,103.17</b>
	<b>Station/Source 1</b>							
<b>D</b>	<b>Cogen/ Captive</b>							
	Baggasse/Cogen/ CPP 1	3,796.96	1.42	540.01	2.20	834.17	3.62	1,374.18
	Baggasse/Cogen/ CPP 2	-	-	-	-	-	-	-
	<b>Sub-Total</b>	<b>3,796.96</b>	<b>1.42</b>	<b>540.01</b>	<b>2.20</b>	<b>834.17</b>	<b>3.62</b>	<b>1,374.18</b>
<b>E</b>	<b>Bilateral &amp; Others (Power purchased through Trading)</b>							-
1	Solar (Existing )	4,883.35	-	-	3.70	1,806.72	3.70	1,806.72
2	Solar (FY 22)	-	-	-	-	-	-	-
3	Solar (FY 23)	-	-	-	-	-	-	-
4	Solar (FY 25)	408.31	-	-	3.00	122.49	3.00	122.49
5	Solar (FY 26)	253.05	-	-	3.00	75.92	3.00	75.92
	<b>Sub-Total</b>	<b>5,544.71</b>	<b>-</b>	<b>-</b>	<b>3.62</b>	<b>2,005.12</b>	<b>3.62</b>	<b>2,005.12</b>
								-
<b>G</b>	<b>Non-Solar (Renewable)</b>							-
1	WIND (Existing)	3,411.84	-	-	2.99	1,019.27	2.99	1,019.27
3	WIND (FY 24)	-	-	-	-	-	-	-
4	WIND (FY 25)	52.63	-	-	2.99	15.72	2.99	15.72
5	WIND (FY 26)	1,509.45	-	-	2.99	450.94	2.99	450.94
6	Biomass Existing	146.73	-	-	3.69	54.17	3.69	54.17
7	Biomass FY 20	-	-	-	-	-	-	-
8	MSW Existing	13.14	-	-	7.61	10.00	7.61	10.00
	<b>Sub-Total</b>	<b>5,133.79</b>	<b>-</b>	<b>-</b>	<b>3.02</b>	<b>1,550.09</b>	<b>3.02</b>	<b>1,550.09</b>
	Others							
1	Slop Based Power Project	147.37	-	-	2.58	38.02	2.58	38.02
<b>H</b>	<b>NVVN + NSM (Thermal)</b>	<b>65.14</b>	<b>-</b>	<b>-</b>	<b>3.89</b>	<b>25.31</b>	<b>3.89</b>	<b>25.31</b>
<b>I</b>	<b>Short Term Sources</b>							

SN	Source of Power (Station wise)	FY 2025-26						
		Units despatched after MOD (MU)	Annual Fixed Charges		Annual Energy/ Variable Charge		Total Cost	
			(Rs. / kWh)	(Rs. Cr.)	(Rs. / kWh)	(Rs. Cr.)	(Rs. / kWh)	(Rs. Cr.)
<b>J</b>	<b>REC</b>				-	-	-	-
<b>K</b>	<b>Banking</b>	<b>1,480.25</b>		-	-	-	-	-
<b>L</b>	<b>PGCIL Charges</b>			<b>3,946.65</b>	-	-	-	<b>3,946.65</b>
<b>M</b>	<b>WUPPTCL Charges</b>			<b>879.40</b>	-	-	-	<b>879.40</b>
<b>N</b>	<b>SEUPPTCL Charges</b>			<b>258.86</b>	-	-	-	<b>258.86</b>
<b>O</b>	<b>Reactive Energy Charges</b>			-	-	-	-	-
<b>P</b>	<b>Case-I Transmission Charges</b>			-	-	-	-	-
<b>Q</b>	<b>STU Charges</b>			-	-	-	-	-
	Any Other Charges			-	-	-	-	-
	Less			-	-	-	-	-
	Late Payment Surcharge							-
	<b>Grand Total</b>	<b>1,61,045.43</b>	<b>2.83</b>	<b>45,614.00</b>	<b>2.68</b>	<b>43,141.54</b>	<b>5.51</b>	<b>88,755.54</b>

## Differential Bulk Supply Tariff (DBST)

4.4.15. The Petitioner has worked out the power purchase cost for FY 2025-26 based on the above Differential Bulk Supply Tariff (DBST).

4.4.16. Computation of DBST as per the Commission approved methodology is shown in the below:

**TABLE 4-9 COMPUTATION OF DBST FOR FY 2025-26**

S.No	Particulars	Formulae	DVVNL	PVVNL	PuVVNL	MVVNL	KESCO	TOTAL
1	Revenue from Tariff including subsidy (Rs Cr)	A	20,571.66	31,239.86	25,122.20	22,012.06	3,608.10	1,02,553.87
2	Energy Sales (MU)	B	28,366.76	40,120.37	32,458.76	28,311.44	4,522.34	1,33,779.67
3								
A1	Power Procurement Cost – Allocated and Unallocated PPAs (Rs Cr)							84808.91
A2	Inter State Transmission Charges (Rs Cr)							3946.65
A1+A2	Total Power Procurement Cost excluding intra state Transmission Charges (In Rs Cr)	C						88755.55
4	Power Procurement cost of Allocated PPAs (Rs Cr)	D	2965.43	5601.41	3124.26	3124.26	211.19	15026.56
5	Total Power Required at Discom Periphery (MU)	E	33,061.49	45,324.45	37,733.97	32,997.02	4,872.66	153989.60
6	Power at Discom Periphery from allocated PPAs (MU)	F	5881.35	12016.40	6029.88	6029.88	494.18	30451.70
7	Other Cost (Intra State Transmission, O&M, Interest, Dep etc.) ( Rs. Cr.)	G	5,383.12	5,331.99	5,905.24	5,427.78	755.51	22803.65
8	ABR (Rs/ Unit)	$H=(A/B)*10$	7.25	7.79	7.74	7.77	7.98	7.67
9	Other Cost (Rs/Unit of Sale)	$I=G*10/B$	1.90	1.33	1.82	1.92	1.67	1.70
10	Power Purchase Rate							
A	Allocated PPAs per unit of sale (Rs/unit)	$J=D*10/B$	1.05	1.40	0.96	1.10	0.47	1.12
B	Unallocated PPAs per unit of sale	$K=(C-\text{Total PP at "D"})*10/\text{Total Sale at "B"}$	5.51					
11	Revenue available for unallocated PPAs (Rs./unit)	$L=H-I-J$	4.31	5.06	4.96	4.75	5.84	4.84

S.No	Particulars	Formulae	DVVNL	PVVNL	PuVVNL	MVVNL	KESCO	TOTAL
	of sale)							
12	Power Purchase Allocation (per unit of sale) "K" in the ratio of available Revenue "L"	M	4.91	5.77	5.65	5.42	6.65	5.51
13	Total Power Purchase cost per unit of sale including allocated PPAs	N=J+M	5.95	7.16	6.61	6.52	7.12	6.63
14	Total Power Purchase Cost (Rs Crs)	O=N*B/10	16,889.20	28,733.21	21,456.01	18,457.04	3,220.10	88,755.55
	<b>DBST (Rs/Unit)</b>							
15	DBST Computation of Allocated PPAs	P	5.04	4.66	5.18	5.18	4.27	4.93
16	DBST Computation of Unallocated PPAs	Q=M*B/(E-F)	5.12	6.94	5.78	5.69	6.87	5.97
17	DBST of total PPAs	R=O*10/E	5.11	6.34	5.69	5.59	6.61	5.76

- 4.4.17. The allowable power purchase cost for FY 2025-26 is shown in the table below:

**TABLE 4-10 POWER PURCHASE COST FOR FY 2025-26**

Particulars	Unit	Projected
Allowable Power Purchase	MU	32997.02
DBST Rate	Rs/kWh	5.59
<b>Allowable Power Purchase Cost</b>	<b>Rs Crore</b>	<b>18457.04</b>

#### 4.5. Intra-State Transmission Charges

- 4.5.1. The proposed Intra State transmission charges have been computed at the Intra-State transmission rate approved by the Hon'ble Commission in the Tariff Order for FY 2024-25 dated 10.10.2024, which is shown in the Table below:

**TABLE 4-11 INTRA-STATE TRANSMISSION CHARGES FOR FY 2025-26**

Particulars	Unit	Projected
Units Wheeled	MU	32996.98
Transmission Rate (Approved in the UPPTCL Tariff Order for FY 2024-25))	Rs/kWh	0.2326
<b>Transmission Charges</b>	<b>Rs Crore</b>	<b>767.51</b>

#### 4.6. Operation and Maintenance Expenses

- 4.6.1. The Petitioner has discussed the approach for the Operation and Maintenance expenses in detail in the True-up Section for FY 2023-24 above.
- 4.6.2. Therefore, the Petitioner requests the Hon'ble Commission to allow the O&M Expenses by considering the computation of O&M expenses based on the proposed methodology as shown in true-up Sections.

#### WPI and CPI Escalation Rates

- 4.6.3. Firstly, the Petitioner has calculated the inflation index based on the weighted average index of WPI and CPI. The WPI and CPI index has been considered, as available on the website of Economic Advisor and Ministry of Labour Bureau, Govt. of India, respectively. The summary of WPI & CPI Escalation rate is shown in table below:

**TABLE 4-12 INFLATION INDICES**

FY	Index		Inflation Rate	
	WPI	CPI	WPI	CPI
FY 2018-19	119.79	299.92	4.28%	5.45%
FY 2019-20	121.83	322.50	1.70%	7.53%
FY 2020-21	123.38	338.71	1.27%	5.03%
FY 2021-22	139.41	356.06	13.00%	5.12%

FY	Index		Inflation Rate	
	WPI	CPI	WPI	CPI
FY 2022-23	152.53	377.62	9.41%	6.05%
FY 2023-24	151.42	397.20	-0.73%	5.19%
FY 2024-25	154.02	406.66	1.72%	2.38%

### ***Employee Expenses***

- 4.6.4. The Petitioner has projected its Employee Expenses based on the Employee Expenses computed in Section 3. The computation for the same is shown below.

**TABLE 4-13 COMPUTATION OF EMPLOYEE EXPENSES FOR FY 2025-26 (IN RS. CR)**

Particulars	Claimed in Instant Petition for FY 2024-25	Average CPI Escalation of last 3 years.	Computed (Rs. Cr)
Employee Expenses	1,527.76	4.54%	1,597.12

- 4.6.5. Further, the capitalisation is projected based on same ratio of employee expenses capitalisation and employee expenses for FY 2023-24 (True-up year). Accordingly, Employee Expenses and its capitalisation determined for FY 2025-26 is shown in table below:

**TABLE 4-14 EMPLOYEE EXPENSES FOR FY 2025-26 (IN RS. CR)**

Sl No.	Particular	Projected
A	Gross Employee Expenses after escalation	1,597.12
B	Less: Employee Expenses capitalized	299.46
<b>C</b>	<b>Net Employee Expenses</b>	<b>1,297.66</b>

### ***Repair & Maintenance Expenses (R&M Expenses)***

- 4.6.6. The Petitioner has projected its R&M Expenses based on R&M Expenses claimed in Section 3. The computation for R&M Expenses for FY 2025-26 is shown below.

**TABLE 4-15 COMPUTATION OF R&M EXPENSES FOR FY 2025-26 (IN RS. CR)**

Particulars	Claimed in Instant Petition for FY 2024-25	Average WPI Escalation of last 3 years.	Computed (Rs. Cr)
R&M Expenses	471.98	3.47%	488.35

- 4.6.7. Accordingly, Net R&M Expenses determined for FY 2025-26 is shown in table below:

**TABLE 4-16 R&M EXPENSES FOR FY 2025-26 (IN RS. CR)**

S. No.	Particulars	Projected
1	Gross R&M Expenses after escalation	488.35
2	Less: R&M Expenses capitalized	-
<b>3</b>	<b>Net R&amp;M Expenses</b>	<b>488.35</b>

### ***Administrative & General Expenses (A&G)***

- 4.6.8. The Petitioner has projected its A&G Expenses based on A&G Expenses claimed in Section 3. The computation for A&G Expenses for FY 2025-26 is shown below.

**TABLE 4-17 COMPUTED A&G EXPENSES FOR FY 2025-26 (IN RS. CR)**

Particulars	Claimed in Instant Petition for FY 2024-25	Average WPI Escalation of last 3 years.	Computed (Rs. Cr)
A&G Expenses	393.34	3.47%	406.97

- 4.6.9. Accordingly, Net A&G Expenses determined for FY 2025-26 is shown in table below:

**TABLE 4-18 NET A&G EXPENSES FOR FY 2025-26 (IN RS. CR)**

S.No.	Particulars	Projected
1	Gross A&G Expenses after escalation	406.97
2	Less: A&G expenses capitalized	-
<b>3</b>	<b>Net A&amp;G expenses</b>	<b>406.97</b>

### ***Additional O&M for Smart metering OPEX***

- 4.6.10. Ministry of Power (Government of India) vide their letter dated 08.09.2016 wrote to Forum of Regulators (FOR) about the strategy for roll out of advance metering infrastructure in the States sighting Clause No. 8.4 of the revised National Tariff Policy issued on January 28, 2016 regarding installation and provision of smart meters. Central Electricity Authority (CEA) also reiterated the said clause of revised National Tariff Policy and intimated the Power Secretaries of all the States including State of Uttar Pradesh about technical specification of smart meters. The CEA also asked the States to prepare a detailed plan for installation of smart meters and submit the same to respective State Regulatory Commissions for approval.
- 4.6.11. The Hon'ble Commission vide its letter dated 16.05.2018 directed UPPCL to submit the detailed roll out plan of installation of smart meters for the State Discoms of Uttar Pradesh for the approval of the Hon'ble Commission.
- 4.6.12. In response to the directions of the Hon'ble Commission and letter received from CEA, UPPCL vide its letter dated 06.08.2018 submitted the smart meter roll out plan for the State Discoms under "Opex Model". Under "Opex Model", State Discoms are required to pay monthly fee (arrived at

through competitive bidding process conducted by EESL) for each meter reading through Smart Meter to Energy Efficiency Services Limited (EESL), a Government of India company and there is no additional burden of depreciation, interest and return on equity on the consumer towards the cost of Smart Meter. A presentation in this regard was also made at UPERC on 11.09.2018 to address the queries raised by the Hon'ble Commission.

- 4.6.13. The Hon'ble Commission vide Order dated 15.11.2018 approved the Smart Meter rollout plan for State Discoms of Uttar Pradesh. The operative part of the Hon'ble Commission's Order is reproduced as under:

***“Since installation of Smart Meters is a national programme and has produced very encouraging financial returns in private Discoms, the Commission approves the proposed roll out plan of UPPCL and Discoms submitted before the Commission.....”***

- 4.6.14. Following is mentioned in the Hon'ble Commissions Order dtd. 15.11.2018 at Sl. No. 5 of reply of UPPCL.

*“DISCOM will pay EESL on OPEX basis as O&M expenditure. The assets will be in the books of EESL till the transfer of assets at the end of project at zero value.”*

- 4.6.15. Further, the Hon'ble Commission in its Tariff Order FY 2019-20 dtd. 03.09.2019 at Clause No. 6.18.7 has mentioned this expenditure under the head of A&G expenses as below:

*“6.18.7 It may kindly be noted that this type of expenses were not envisaged during projection of MYT O&M norms for FY 2017-18 to FY 2019-20. Further, O&M Norms approved by the Hon'ble Commission were based on five year Audited Accounts, which didn't have any O&M expenses towards smart metering. The amount of this additional O&M has been entered as rent in the replies of comments on roll out plan submitted to Hon'ble Commission vide MD, UPPCL letter no. 352/CE(Com-II)/Smart Meter/18 dt. 25.09.2018. Therefore, this expense may be considered under the head of A&G expenses as additional expenses.”*

- 4.6.16. The amount sought as 'Additional A&G Expenses for smart metering is payable to EESL to cover cost towards smart meter and box installation, AMI software cost, consumer indexing, training, integration and Commissioning of AMI solution. It may be noted that this cost has been proposed to be recovered under Opex model based on per meter per month basis and there shall be no additional burden of depreciation, interest and return on equity on the consumer.

- 4.6.17. It is submitted that the Opex to be incurred by the petitioner for implementation of Smart Meter rollout plan is not part of the normative O&M expenses provided to the Licensee under the Multi-Year Tariff Order dated 22.01.2019 and Tariff Regulations 2019 since: -

(a) The same was not envisaged during projection of MYT O&M norms for FY 2017-18 to FY 2019-20 and for the control period 2021-2025.



(b) The normative O&M norms approved by the Hon'ble Commission are based on previous five-year Audited Accounts, which does not include any O&M expenses towards smart metering.

4.6.18. Moreover, the Hon'ble Commission's observation that the smart-meter roll out project is a self-sustaining model since the Opex cost to be paid by the licensees will be compensated by overall reduction in O&M cost due to improved billing and collection efficiency on account of installation of smart meters is debatable since: -

(a) It is an attempt to compensate the present additional O&M expenses on account of smart meters Opex with future probable reduction in O&M cost. It is most respectfully submitted that a court of law is not permitted to pass orders based on conjecture, surmises or the possibility of happening of any event. A court has to pass orders on facts and data available on record. In the present case Ld. UP Commission in its Order dated 15.11.2018 has itself noted that the UP Discoms would incur substantial Opex cost (to be paid to EESL) towards implementation of Smart Metering Rollout Plans. Hence, there is no reason to now disallow the said cost, which is a Statutory expense and has to be mandatorily incurred by the Appellants.

(b) The approach of compensating the Opex cost with likely savings in billing and collection efficiency was not envisaged in the Petition. Further in the petition the Hon'ble Commission was requested to approve the OPEX Cost incurred for this scheme. Moreover, the tariff is already being determined based on 100% collection efficiency, despite the actual percentage being substantially lower. Therefore, even if billing and collection efficiency increases by installation of smart meters, the same will not have any impact on the tariff of the Discoms.

(c) Improvement in the collection efficiency with the implementation of Smart Meters may not be in account of Licensees since the Hon'ble Commission already considers 100% collection efficiency.

(d) Further, as detailed under sub section '4.7. Capital Investment, Capitalisation and Financing' the Petitioner are in the process of Rolling out RDSS scheme in the area of Discoms wherein smart metering implementation is envisaged as an integrated part of this scheme. The scheme is also detailed under the respective section. It is also mentioned here a separate petition before the Hon'ble Commission is already filed for the consideration and approval.

4.6.19. Further, in regard to the directions of the commission that Smart Meter OPEX to be recovered through efficiency gains, it is imperative to highlight that on consolidated UP Discoms basis the reduction in distribution losses from 15.49% in FY 2023-24 to 13.09% in FY 2024-25 results in an efficiency gain of 2.39%, translating into financial savings of ₹2,124 Cr. However, the operational expenditure (OPEX) for smart meters stands at ₹2,333 Cr. This leaves an uncovered cost of ₹208 Cr., even after accounting for efficiency gains. In light of this significant under-recovery, we request approval for the smart meter OPEX to ensure cost sustainability.

- 4.6.20. The following table summarises the cost of Smart Meters under Opex Model for the Petitioner for FY 2025-26:

**TABLE 4-19 SMART METERING OPEX FOR FY 2025-26**

Particulars	Smart Meters installed till March 2025	Smart Meters to be installed till March 2026	Rate (Rs. /meter/month including GST @18%)	Projected OPEX (IN RS. CR)
FY 2025-26	531670	6554659	114.57	521.64

- 4.6.21. The Hon'ble Commission is requested to approve the smart metering OPEX estimated in the above Table.

- 4.6.22. Based on the above submission, the summary of the Operation & Maintenance expenses (O&M) projected for FY 2025-26 are shown in the table below:

**TABLE 4-20 OPERATION & MAINTENANCE EXPENSES PROJECTED FOR FY 2025-26 (IN RS. CR)**

Particulars	Projected
Repair & Maintenance expenses	488.35
Employee expenses	1,597.12
Administrative and General expenses	406.97
Gross O&M Expenses	2,492.44
Less:	-
Employee expenses capitalized	299.46
Administrative and General expenses capitalized	-
Gross expenses Capitalized	299.46
Smart Meter Opex	521.64
<b>Net O&amp;M Expenses</b>	<b>2,714.62</b>

#### 4.7. Capital Investment, Capitalisation and Financing

- 4.7.1. Regulation 44 of UPERC (Multi Year Tariff for Distribution & Transmission) Regulations, 2019 provides for consideration of capital expenditure for the purpose of determination of ARR for the Control Period. Accordingly, the Petitioner has projected the capital expenditure to be undertaken in FY 2025-26 in this Petition. The details of proposed Capital Expenditure for FY 2025-26 is depicted in the table below:

**TABLE 4-21 PROPOSED CAPITAL EXPENDITURE DETAILS FOR FY 2025-26 (IN RS. CR)**

Particulars	Investments	Capitalisation
OTHER SCHEMES (Net of Consumer Contribution and Grant)	1,294.54	1,464.60
REVAMPED SCHEME (RDSS)	2,841.92	1,136.77
<b>Total excluding Interest and employee capitalization (A)</b>	<b>4,136.46</b>	<b>2,601.37</b>
<b>Add: Employee</b>	<b>-</b>	<b>299.46</b>

Particulars	Investments	Capitalisation
<b>Capitalization (B)</b>		
<b>Add: Interest Capitalization (C)</b>	-	-
<b>Total (D= A+B+C)</b>	<b>4,136.46</b>	<b>2,900.83</b>

- 4.7.2. It is pertinent to highlight that the Investment considered for FY 2025-26 is the net investments (excluding grants and consumer contributions). The Petitioner has separately provided the amount of consumer contribution and grant for FY 2025-26 in relevant section of this Petition and in tariff formats as well.
- 4.7.3. Based on the methodology adopted by the Hon'ble Commission, 40% of the investments made during FY 2025-26 is capitalized in the same year. The Petitioner has also considered employee expense capitalization and Interest capitalization during FY 2025-26 as per the methodology adopted by the Hon'ble Commission. Considering the Capital Work in Progress (CWIP), investment during the year and capitalisations, the Petitioner has computed the closing CWIP for FY 2025-26.
- 4.7.4. Considering the aforementioned submissions, the capitalisation and capital work in progress for FY 2024-25 are shown in the Table below:

**TABLE 4-22 CAPITALIZATION AND WIP OF INVESTMENT FOR FY 2025-26  
(IN RS. CR)**

Particulars	Derivation	Projected
Opening WIP as on 1 <sup>st</sup> April 2023	A	2,366.97
Investments	B	3,837.00
Employee Expenses capitalization	C	299.46
A&G Expenses Capitalisation	D	-
Interest Capitalisation on Interest on long term loans	E	-
<b>Total Investments</b>	<b>F= A+B+C+D+E</b>	<b>6,503.43</b>
Transferred to GFA (Total Capitalisation)	G	2,900.83
<b>Closing WIP</b>	<b>H=F-G</b>	<b>3,602.60</b>

**Notes:** Opening Balances for FY 2025-26 are as per closing balances of FY 2024-25.

- 4.7.5. The Petitioner has considered a normative debt: equity ratio of 70:30. Considering this approach, 70% of the capitalisation (excluding consumer contribution and grants) undertaken in FY 2025-26 has been considered to be financed through loan and balance 30% has been considered to be financed through equity contributions. The portion of capital expenditure financed through consumer contribution, capital subsidies and grants has been separated as the depreciation and interest thereon would not be charged to the beneficiaries.
- 4.7.6. The table below summarizes the amounts considered towards consumer contributions, capital grants and subsidies for FY 2025-26:

**TABLE 4-23 CONSUMER CONTRIBUTION, CAPITAL GRANTS & SUBSIDIES FOR FY 2025-26 (IN RS. CR)**

Particulars	Projected
Opening Balance of Consumer Contributions, Grants and Subsidies towards Cost of Capital Assets	6,459.86
Additions during the year includes consumer contribution and grants	-
Closing Balance	6,459.86

- 4.7.7. Thus, the Petitioner submits that the capital investments proposed during FY 2025-26 after netting off the capital investment through deposit works, has been considered to be funded through debt and equity of 70:30, as depicted in the table below:

**TABLE 4-24 FINANCING OF THE CAPITAL INVESTMENT FOR FY 2025-26 (IN RS. CR)**

Particulars	Derivation	Projected
Investment / Capitalisation (Asset put to use) net of CCG	A	2,900.83
Less:		-
Consumer Contribution and grants	B	-
Investment funded by debt and equity	C=A-B	2,900.83
Debt Funded	70% of C	2,030.58
Equity Funded	30% of C	<b>870.25</b>

#### **4.8. Interest & Finance Charges**

##### **➤ Interest on Long Term Loan**

- 4.8.1. The Hon'ble Commission in its previous Tariff and True-Up orders had considered a normative tariff approach with a debt equity ratio of 70:30. Considering this approach, 70% of the capital expenditure (asset put to use) undertaken in any year was financed through loan and balance 30% has been financed through equity contributions. The portion of capital expenditure financed through consumer contributions, capital subsidies and grants are separated and the depreciation, interest and return on equity thereon was not charged to the consumers. Subsequently, the financing of the capital investment was worked out based on the debt equity ratio of 70:30 and allowable depreciation was considered as normative loan repayment.
- 4.8.2. The Petitioner has worked-out the interest on long term loan based on the same philosophy.
- 4.8.3. Allowable depreciation for the year has been considered as normative loan repayment. The weighted average interest rate for FY 2025-26 has been considered as per audited accounts for computing the eligible interest expenses.
- 4.8.4. Considering the above, the gross interest on long term loan has been computed below. The interest capitalisation has been considered at the same rate as for FY 2025-26. The computations for interest on long term loan are shown in table below:

**TABLE 4-25 INTEREST ON LONG TERM LOAN FOR FY 2025-26 (IN RS. CR)**

Particulars	Projected
Opening Loan	4,675.69
Loan Additions (70% of Investments)	2,030.58
Less: Repayments (Depreciation allowable for the year)	694.07
Closing Loan Balance	6,012.20
Weighted Average Rate of Interest	10.91%
<b>Interest on long term loan</b>	<b>583.02</b>
Less: Interest Capitalized	-
<b>Net Interest on Loan term loan</b>	<b>583.02</b>

➤ **Interest on Consumer Security Deposits**

- 4.8.5. The opening balance of long term loan has been considered equivalent to the closing loan balance for previous year as per the present Petition.
- 4.8.6. As per Regulation 25.2 (c) of UPERC (Multi Year Tariff for Distribution & Transmission) Regulations, 2019, Interest shall be allowed on consumer security deposits as per the provisions of the Electricity Supply Code, 2005 and its subsequent amendments/ addendums and the new Regulations made after repeal of the same.
- 4.8.7. The opening balances of security deposits have been considered as per closing figures of FY 2024-25 and additions during the year FY 2025-26 is estimated as per the % increase in Revenue Assessment for FY 2025-26 w.r.t FY 2024-25. Accordingly, the Petitioner has computed the interest on Security deposit for FY 2025-26, which is shown in the Table below.

**TABLE 4-26 INTEREST ON SECURITY DEPOSIT FOR FY 2025-26 (IN RS. CR)**

Particulars	Projection
Closing Balance for Security Deposit	1,109.98
Rate of Interest (RBI bank Rate as on 01.04.2022)	6.50%
<b>Interest on Security Deposits</b>	<b>70.16</b>

➤ **Interest on Working Capital**

- 4.8.8. As regards determination of Interest on Working Capital for FY 2025-26 as per Regulation 25.2 (a) & 25.2 (b) of UPERC (Multi Year Tariff for Distribution & Transmission) Regulations, 2019. The Regulation 25.2 (a) & 25.2 (b) is quoted below:

*“(a)The working capital requirement of the Distribution Business shall cover:*

- (v) Operation and maintenance expenses for one month;*
- (vi) Maintenance spares at 40% of the R&M expenses for two months; and*

- (vii) One and half month equivalent of the expected revenue from charges for use of Distribution system at the prevailing Tariff (excluding Electricity Duty);

**minus**

- (viii) Amount held as security deposits from Distribution System Users:

*Provided that for the purpose of Truing-Up for any year, the working capital requirement shall be re-computed on the basis of the values of components of working capital approved by the Commission in the Truing- Up;*

*(b) Rate of interest on working capital shall be simple interest and shall be equal to the SBI MCLR (1 Year) on October 01, 2019 plus 250 basis points:*

*Provided that for the purpose of Truing-Up for any year, simple interest on working capital shall be allowed at a rate equal to the weighted average SBI MCLR (1 Year) prevailing during the concerned Year plus 250 basis points.”*

- 4.8.9. The Petitioner has considered the rate of interest on working capital as per prevailing rate
- 4.8.10. on 1<sup>st</sup> October 2023, as per the Commissions consideration and approval vide its order dated 24.5.2023. In the said order the Commission is of the view that the rate of interest on working capital requirement is to be taken at the prevailing rate as on 1<sup>st</sup> October preceding to the date of filing as provided in the Regulations 4.1 of MYT Regulations, 2019. Based on above the interest on working capital for FY 2025-26 is calculated in table as below:

**TABLE 4-27 INTEREST ON WORKING CAPITAL FOR FY 2025-26 (IN RS. CR)**

Particulars	Projected
O&M expenses for 1 month	<b>182.75</b>
One and Half month Month equivalent of expected revenue	2,751.50
Maintenance spares @ 40% of R&M expenses for two months	32.56
Less: Security deposits from consumers, if any	1,109.98
Total Working Capital Requirement	1,856.83
State Bank Advance Rate (SBAR) %	<b>11.45%</b>
<b>Interest on Working Capital</b>	<b>212.61</b>

- 4.8.11. The following table summarises the Interest and Finance charges projected by the Petitioner for FY 2025-26.

**TABLE 4-28 INTEREST AND FINANCE CHARGES FOR FY 2025-26 (IN RS. CR)**

Particulars	Projected
<b>A: Interest on Long Term Loans</b>	
Gross Interest on Long Term Loan	583.02
Less: Interest Capitalisation	-
Net Interest on Long Term Loans	583.02
<b>B: Finance and Other Charges</b>	-
Interest on Consumer Security Deposits	<b>70.16</b>
Bank/ Finance Charges	13.04
<b>Total Finance Charges</b>	<b>83.20</b>
	-
<b>C: Interest on Working Capital</b>	<b>212.61</b>
	-
<b>Total (A+B+C)</b>	<b>878.84</b>

#### 4.9. Depreciation

- 4.9.1. The basis of determination of depreciation is stated in Regulation 21.1 of UPERC (Multi Year Tariff for Distribution & Transmission) Regulations, 2019. The Regulation 21.1 is quoted below:

*“21.1 The Licensee, shall be permitted to recover Depreciation on the value of fixed assets used in their respective businesses, computed in the following manner:*

*(a) The approved original cost of the fixed assets shall be the value base for calculation of Depreciation:*

*Provided that the Depreciation shall be allowed on the entire capitalised amount of the new assets after reducing the approved original cost of the retired or replaced or de-capitalised assets.*

*(b) Depreciation shall be computed annually based on the Straight-Line Method at the rates stipulated in the Annexure- A to these Regulations.*

*Provided that the Licensee shall ensure that once the individual asset is depreciated to the extent of seventy percent, remaining depreciable value as on 31st March of the year closing shall be spread over the balance Useful Life of the asset including the Extended Life, as per submission of the Licensee and approved by the Commission.*

*(c) The salvage value of the asset shall be considered at 10% of the allowable capital cost and Depreciation shall be allowed up to a maximum of 90% of the allowable capital cost of the asset:*

*Provided that land owned shall not be treated as a Depreciable asset and shall be excluded while computing Depreciation*

*Provided further that Depreciation shall be chargeable from the first year of commercial operation.*

*(d) Depreciation shall not be allowed on assets funded by Consumer Contributions or Subsidies/ Grants/ Deposit works.”*

- 4.9.2. The Petitioner has computed the allowable depreciation expense on the GFA base for FY 2025-26 as per the SLM approach and at the rates approved by the Hon'ble Commission in UPERC (Multi Year Tariff for Distribution & Transmission), 2019. The Petitioner has computed the depreciation only on the depreciable asset base and has excluded the non-depreciable assets such as land, land rights, etc. The addition during the year is considered as net additions excluding Consumer Contribution and Grant.



4.9.3. Accordingly, the Petitioner has computed depreciation for FY 2025-26 as shown in table below:

**TABLE 4-29 GROSS ALLOWABLE DEPRECIATION FOR FY 2025-26 (IN RS. CR) PART A**

<b>GROSS ALLOWABLE DEPRECIATION FOR ASSETS BEFORE 01.04.2020 OF MVNL FOR FY 2025-26 (IN RS. CR) PART A</b>								
<b>SN</b>	<b>Particulars</b>	<b>Opening GFA (as on 31.03.2025)</b>	<b>Cumulative Depreciation</b>	<b>Deductio n to GFA</b>	<b>Closing GFA</b>	<b>Average GFA</b>	<b>Depreciati on Rate</b>	<b>Allowable Gross Depreciation</b>
1	Land & Land Rights	1.07	-	-	1.07	1.07	0.00%	-
2	Buildings	182.32	-	-	182.32	182.32	3.34%	6.09
3	Other Civil Works	14.27	-	-	14.27	14.27	3.34%	0.48
4	Plant & Machinery						5.28%	
5	Lines, Cables, Network etc.	3,073.22	-	-	3,073.22	3,073.22	5.28%	162.27
6	Vehicles	5.46	-	-	5.46	5.46	9.50%	0.52
7	Furniture & Fixtures	9.59	-	-	9.59	9.59	6.33%	0.61
8	Office Equipments	76.48	-	-	76.48	76.48	6.33%	4.84
9	Intangible Asset	-	-	-	-	-	15.00%	-
10	<b>Total Fixed Assets</b>	<b>3,362.42</b>	<b>-</b>	<b>-</b>	<b>3,362.42</b>	<b>3,362.42</b>	<b>5.20%</b>	<b>174.80</b>
11	Non depreciable assets (Land & Land Rights)	-	-	-	-	-		-
12	<b>Depreciable assets</b>	<b>3,362.42</b>	<b>-</b>	<b>-</b>	<b>3,362.42</b>	<b>3,362.42</b>	<b>5.20%</b>	<b>174.80</b>

**TABLE 4-30 GROSS ALLOWABLE DEPRECIATION FOR FY 2025-26 (IN RS. CR) PART B**

<b>GROSS ALLOWABLE DEPRECIATION FOR ASSETS AFTER ON 01.04.2020 OF MVVNL FOR FY 2025-26 (IN RS. CR) PART B</b>									
<b>SN</b>	<b>Particulars</b>	<b>Opening GFA (as on 01.04.2025)</b>	<b>Addition to GFA</b>	<b>Deduction of Grants</b>	<b>Deduction to GFA</b>	<b>Closing GFA</b>	<b>Average GFA</b>	<b>Depreciation Rate</b>	<b>Allowable Gross Depreciation</b>
1	Land & Land Rights	0.31	0.65			0.96	0.64	0.00%	0.00
2	Buildings	127.21	111.45			238.66	182.93	3.34%	6.11
3	Other Civil Works	4.16	8.72			12.88	8.52	3.34%	0.28
4	Plant & Machinery	3,496.01	-146.49			3,349.51	3,422.76	5.28%	180.72
5	Lines, Cables, Network etc.	6,463.43	2,025.12			8,488.55	7,475.99	5.28%	394.73
6	Vehicles	1.94	3.34			5.28	3.61	9.50%	0.34
7	Furniture & Fixtures	4.81	5.86			10.67	7.74	6.33%	0.49
8	Office Equipments	60.50	46.75			107.25	83.88	6.33%	5.31
9	Intangible Asset	32.41	-			32.41	32.41	15.00%	4.86
<b>10</b>	<b>Total Fixed Assets</b>	<b>10,784.44</b>	<b>2,055.40</b>			<b>12,839.84</b>	<b>11,812.14</b>	<b>5.02%</b>	<b>592.85</b>
11	Non depreciable assets (Land & Land Rights)	-	-						
<b>12</b>	<b>Depreciable assets</b>	<b>10,784.44</b>	<b>2,055.40</b>			<b>12,839.84</b>	<b>11,812.14</b>	<b>5.02%</b>	<b>592.85</b>

- 4.9.4. The Petitioner has reduced the equivalent depreciation on the assets created out of consumer contributions, capital grants and subsidies from the gross allowable depreciation for FY 2025-26.

4.9.5. Thus, the allowable depreciation for FY 2025-26 is shown in the table below:

**TABLE 4-31 NET ALLOWABLE DEPRECIATION FOR FY 2025-26 (IN RS. CR)**

Particulars	Projected
Gross Allowable Depreciation	896.48
Less: Equivalent amount of depreciation on assets acquired out of the Consumer Contribution and Grant	202.41
<b>Net Allowable Depreciation</b>	<b>694.07</b>

#### 4.10. Provision for Bad and Doubtful Debts

4.10.1. The Petitioner has determined bad & doubtful debt as per Regulation 46 of UPERC (Multi Year Tariff for Distribution & Transmission) Regulations, 2019. The Regulation 46 is quoted below:

*“For any Year, the Commission may allow a provision for write off of bad and doubtful debts up to 2% of the amount shown as Revenue Receivables from sale of electricity in the audited accounts of the Distribution Licensee for that Year or the actual write off of bad debts, whichever is less....”*

4.10.2. Accordingly, Petitioner has computed provision for bad and doubtful debts at 2% of the revenue receivables.

**TABLE 4-32 ALLOWABLE PROVISION FOR BAD AND DOUBTFUL DEBTS FOR FY 2025-26 (IN RS. CR)**

Particulars	Projected
Total Revenue Receivables from Retail Sales	18,637.21
% of Provision for Bad and Doubtful Debts	2%
Bad and Doubtful Debts as per Regulation	372.74
<b>Bad Debt Projected</b>	<b>372.74</b>

#### 4.11. Return on Equity

4.11.1. The Regulation 22 of the MYT (Distribution and Transmission) Regulations, 2019 provides for return on equity @15% post-tax per annum for Distribution Licensee as specified below:

*“22 Return on equity*

*22.1 Return on equity shall be computed in Rs. terms on equity base at the rate of 14.5% post-tax per annum for the Transmission Licensee and at the rate of 15% post-tax per annum for Distribution Licensee respectively as determined in accordance with Regulation 20:*

*Provided that assets funded by Consumer Contribution / Deposit works, Capital Subsidies / Grants and corresponding Depreciation shall not form part of the Capital Cost. Actual Equity infused by the Licensee as per book value shall be considered and shall be used for computation in these Regulations.”*

4.11.2. The Petitioner has considered closing equity of FY 2024-25 as opening for FY 2025-26. Equity addition during the year has been considered 30% of Capitalisation during the year net of consumer contribution, capital subsidies/ grants.

4.11.3. The Return on Equity (RoE) for FY 2025-26 is shown below:

**TABLE 4-33 RETURN ON EQUITY (ROE) FOR FY 2025-26 (IN RS. CR)**

Particulars	Revised Estimate
Opening Equity	4,437.77
Net additions during the year (30% of Asset put to use)*	870.25
Equity (Closing Balance)	<b>5,308.02</b>
Rate of Return on Equity (%)	<b>15%</b>
<b>Allowable Return on Equity</b>	<b>730.93</b>

*\* Net of Grants and consumer contribution*

#### **4.12. Revenue from Sale of Power**

4.12.1. For projecting the Fixed Charges for FY 2025-26, the average load of March 2024 and March 2025 has been considered.

4.12.2. It is submitted that for HV category consumers, the Petitioner has considered the billable load/Demand at 75% of the contracted load/demand considering it to be as maximum load/demand.

4.12.3. Category-wise revenue worked-out based on above assumption and projected billing determinants are shown in the Tables below:

**TABLE 4-34 CATEGORY-WISE REVENUE AND ABR FOR FY 2025-26 (IN RS. CR)  
AT EXISTING TARIFF**

Consumer Category/ Sub-Category	Projected Sales (MU)	Fixed Charges	Variable Charges	Estimated Revenue (Rs Cr)
<b>LMV-1: Domestic Light, Fan &amp; Power</b>				
Life Line Consumers (both Rural and Urban) (up to 100 kWh/month)	2317.18	322.56	695.15	1017.71
Dom: Rural Schedule (unmetered)	0.00	0.00	0.00	0.00
Dom: Rural Schedule (metered) other than BPL	5531.11	296.75	2377.08	2673.83
0-100 kWh/month	2529.97	161.43	847.54	1008.98
101-150 kWh/month	383.64	59.35	147.70	207.05
151-300 kWh/month	1155.76	44.51	577.88	622.39
Above 300 kWh/Month (starting from 301 unit)	1461.74	31.46	803.96	835.41
Dom: Supply at Single Point for Bulk Load	350.75	32.00	245.52	277.53
Other Metered Domestic Consumers other than BPL	7541.67	575.99	4448.52	5024.52
0-100 kWh/month	2270.48	270.72	1248.76	1519.48
101-150 kWh/month	1546.16	115.20	850.39	965.59

Consumer Category/ Sub-Category	Projected Sales (MU)	Fixed Charges	Variable Charges	Estimated Revenue (Rs Cr)
151-300 kWh/month	1437.94	80.64	862.76	943.40
Above 300 kWh/Month (starting from 301 unit)	2287.09	109.44	1486.61	1596.05
<b>Sub Total</b>	<b>15740.71</b>	<b>1227.31</b>	<b>7766.28</b>	<b>8993.59</b>
<b>LMV-2:Non Domestic Light, Fan &amp; Power</b>				
Non Dom: Rural Schedule (unmetered)	0.00	0.00	0.00	0.00
Non Dom: Rural Schedule (metered)	544.18	40.77	299.30	340.07
Non Dom: Other Metered Non-Domestic Supply	2290.31	686.08	1824.93	2511.01
Up to 4 kW	710.00	166.54	555.16	721.70
Upto 300 kWh / month	458.14	124.90	343.60	468.51
Above 300 kWh/Month	251.86	41.63	211.56	253.20
Above 4 kW	1580.31	519.54	1269.76	1789.31
Upto 1000 kWh / month	904.11	363.68	678.09	1041.77
Above 1000 kWh/Month	676.20	155.86	591.68	747.54
<b>Sub Total</b>	<b>2834.49</b>	<b>726.86</b>	<b>2124.22</b>	<b>2851.08</b>
<b>LMV-3: Public Lamps</b>				
Unmetered	60.38	25.50	0.00	25.50
Unmetered - Gram Panchayat	25.56	13.23	0.00	13.23
Unmetered - Nagar Palika & Nagar Panchayat	6.54	3.43	0.00	3.43
Unmetered - Nagar Nigam	28.27	8.84	0.00	8.84
Metered	486.18	18.26	394.74	413.01
Metered - Gram Panchayat	151.33	5.90	113.50	119.40
Metered - Nagar Palika & Nagar Panchayat	67.51	3.07	54.01	57.08
Metered - Nagar Nigam	267.34	9.29	227.24	236.53
<b>Sub Total</b>	<b>546.55</b>	<b>43.76</b>	<b>394.74</b>	<b>438.51</b>
<b>LMV-4: Light, fan &amp; Power for Institutions</b>				
Inst: Public	584.31	91.21	482.05	573.27
Inst: Private	62.11	21.90	55.90	77.81
<b>Sub Total</b>	<b>646.42</b>	<b>113.12</b>	<b>537.96</b>	<b>651.07</b>
<b>LMV-5: Private Tube Wells/ Pumping Sets</b>				
Consumers getting supply as per "Rural Schedule"	2814.15	162.87	562.80	725.67
PTW: Rural Schedule (unmetered) (Total)	0.16	0.03	0.00	0.03
PTW: Rural Schedule (unmetered)	0.16	0.03	0.00	0.03
PTW: Rural Schedule (Energy Efficient Pumps) (Unmetered)	0.00	0.00	0.00	0.00
PTW: Rural Schedule (metered) (Total)	2813.99	162.85	562.80	725.65
PTW: Rural Schedule (metered)	2813.99	162.85	562.80	725.65
PTW: Rural Schedule (Energy Efficient Pumps) (metered)	0.00	0.00	0.00	0.00
Consumers getting supply as per "Urban Schedule (Metered Supply)"	96.73	11.18	58.04	69.22
PTW: Urban Schedule (metered)	96.73	11.18	58.04	69.22
<b>Sub Total</b>	<b>2910.88</b>	<b>174.05</b>	<b>620.84</b>	<b>794.89</b>

Consumer Category/ Sub-Category	Projected Sales (MU)	Fixed Charges	Variable Charges	Estimated Revenue (Rs Cr)
<b>LMV 6: Small and Medium Power upto 100 HP (75 kW)</b>				
Consumers getting supply as per "Rural Schedule"	111.65	23.35	75.39	98.74
Up to 20 kW	90.36	18.29	61.02	79.30
Above 20 kW	21.29	5.06	14.38	19.44
Consumers getting supply other than "Rural Schedule"	374.51	64.94	274.26	339.20
Summer Months (April to September)	187.26	32.47	137.65	170.12
For load upto 20 kW	121.72	22.73	89.47	112.20
05:00 hrs to 11:00 hrs	19.67	3.67	12.21	15.88
11:00 hrs to 17:00 hrs	50.86	9.50	37.13	46.63
17:00 hrs to 23:00 hrs	25.34	4.73	21.27	26.00
23:00 hrs to 05:00 hrs	25.84	4.83	18.86	23.69
For load above 20 kW	65.54	9.74	48.18	57.92
05:00 hrs to 11:00 hrs	10.59	1.57	6.57	8.15
11:00 hrs to 17:00 hrs	27.39	4.07	19.99	24.06
17:00 hrs to 23:00 hrs	13.64	2.03	11.45	13.48
23:00 hrs to 05:00 hrs	13.91	2.07	10.16	12.22
Winter Months (October to March)	187.26	32.47	136.61	169.08
For load upto 20 kW	121.72	22.73	88.80	111.53
05:00 hrs to 11:00 hrs	19.67	3.67	14.36	18.04
11:00 hrs to 17:00 hrs	50.86	9.50	37.13	46.63
17:00 hrs to 23:00 hrs	25.34	4.73	21.27	26.00
23:00 hrs to 05:00 hrs	25.84	4.83	16.03	20.86
For load above 20 kW	65.54	9.74	47.81	57.56
05:00 hrs to 11:00 hrs	10.59	1.57	7.73	9.31
11:00 hrs to 17:00 hrs	27.39	4.07	19.99	24.06
17:00 hrs to 23:00 hrs	13.64	2.03	11.45	13.48
23:00 hrs to 05:00 hrs	13.91	2.07	8.63	10.70
<b>Sub Total</b>	<b>486.17</b>	<b>88.29</b>	<b>349.66</b>	<b>437.95</b>
<b>LMV-7: Public Water Works</b>				
Consumers getting supply as per "Rural Schedule"	337.09	42.32	265.04	307.36
Rural Metered	337.09	42.32	265.04	307.36
Rural Unmetered	0.00	0.00	0.00	0.00
Consumers getting supply other than "Rural Schedule"	509.45	65.86	433.03	498.90
Urban Metered	509.45	65.86	433.03	498.90
Urban Unmetered	0.00	0.00	0.00	0.00
<b>Sub Total</b>	<b>846.54</b>	<b>108.18</b>	<b>698.07</b>	<b>806.25</b>
<b>LMV-8: State Tube Wells &amp; Pump Canals upto 100 HP</b>				
Metered	0.00	0.00	0.00	0.00
Metered STW	0.00	0.00	0.00	0.00
Unmetered	0.00	0.00	0.00	0.00

Consumer Category/ Sub-Category	Projected Sales (MU)	Fixed Charges	Variable Charges	Estimated Revenue (Rs Cr)
Unmetered:STW/Panch.Raj/WB/ID/P. Canals/LI upto 100 BHP	0.00	0.00	0.00	0.00
Unmetered: Laghu Dal Nahar above 100 BHP	0.00	0.00	0.00	0.00
<b>Sub Total</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
<b>LMV-9: Temporary Supply</b>				
Metered	53.76	10.13	45.55	55.68
Metered TS: Individual residential consumers	28.35	5.06	22.68	27.74
Metered TS: Others	25.40	5.07	22.86	27.94
Unmetered	0.14	1.32	0.00	1.32
Unmetered TS: Ceremonies	0.14	1.32	0.00	1.32
Unmetered TS: Temp shops	0.00	0.00	0.00	0.00
<b>Sub Total</b>	<b>53.90</b>	<b>11.45</b>	<b>45.55</b>	<b>57.00</b>
<b>LMV-11: Electrical Vehicles</b>				
Multi Story Buildings	0.07	0.00	0.04	0.04
LMV-1b	0.07	0.00	0.04	0.04
HV-1b	0.00	0.00	0.00	0.00
Public Charging Station	24.05	0.00	18.19	18.19
LT	15.74	0.00	12.12	12.12
HT	8.31	0.00	6.07	6.07
<b>Sub Total</b>	<b>24.12</b>	<b>0.00</b>	<b>18.23</b>	<b>18.23</b>
<b>HV-1: Non-Industrial Bulk Loads</b>				
Commercial Loads / Private Institutions / Non-Domestic Bulk Power with contracted Load 75 kW & above and getting supply at single point on 11 kV & above voltage level.	794.31	141.04	653.24	794.28
Supply at 11 kV	413.04	139.73	343.65	483.38
Supply above 11 kV	381.27	1.31	309.59	310.90
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	484.36	82.14	368.11	450.25
Supply at 11 kV	242.18	81.36	186.48	267.84
Supply above 11 kV	242.18	0.78	181.63	182.41
<b>Sub Total</b>	<b>1278.67</b>	<b>223.18</b>	<b>1021.35</b>	<b>1244.54</b>
<b>HV-2: Large and Heavy Power above 100 BHP (75 kW)</b>				
HV2 Urban Schedule: Supply at 11 kV	1854.90	189.14	1314.20	1503.34
Summer Months (April to September)	927.45	94.57	657.36	751.93
05:00 hrs to 11:00 hrs	200.48	20.44	120.99	141.43
11:00 hrs to 17:00 hrs	331.70	33.82	235.51	269.33



Consumer Category/ Sub-Category	Projected Sales (MU)	Fixed Charges	Variable Charges	Estimated Revenue (Rs Cr)
17:00 hrs to 23:00 hrs	189.91	19.36	155.06	174.42
23:00 hrs to 05:00 hrs	205.36	20.94	145.81	166.75
Winter Months (October to March)	927.45	94.57	656.84	751.41
05:00 hrs to 11:00 hrs	200.48	20.44	142.34	162.78
11:00 hrs to 17:00 hrs	331.70	33.82	235.51	269.33
17:00 hrs to 23:00 hrs	189.91	19.36	155.06	174.42
23:00 hrs to 05:00 hrs	205.36	20.94	123.94	144.88
HV2 Urban Schedule: Supply above 11 kV & upto 66 kV	383.80	63.31	260.44	323.75
Summer Months (April to September)	191.90	31.65	130.27	161.92
05:00 hrs to 11:00 hrs	41.48	6.84	23.98	30.82
11:00 hrs to 17:00 hrs	68.63	11.32	46.67	57.99
17:00 hrs to 23:00 hrs	39.29	6.48	30.73	37.21
23:00 hrs to 05:00 hrs	42.49	7.01	28.89	35.90
Winter Months (October to March)	191.90	31.65	130.17	161.82
05:00 hrs to 11:00 hrs	41.48	6.84	28.21	35.05
11:00 hrs to 17:00 hrs	68.63	11.32	46.67	57.99
17:00 hrs to 23:00 hrs	39.29	6.48	30.73	37.21
23:00 hrs to 05:00 hrs	42.49	7.01	24.56	31.57
HV2 Urban Schedule: Supply above 66 kV & upto 132 kV	200.56	20.20	128.09	148.29
Summer Months (April to September)	100.28	10.10	64.07	74.17
05:00 hrs to 11:00 hrs	21.68	2.18	11.79	13.98
11:00 hrs to 17:00 hrs	35.87	3.61	22.95	26.57
17:00 hrs to 23:00 hrs	20.53	2.07	15.11	17.18
23:00 hrs to 05:00 hrs	22.20	2.24	14.21	16.45
Winter Months (October to March)	100.28	10.10	64.02	74.12
05:00 hrs to 11:00 hrs	21.68	2.18	13.87	16.06
11:00 hrs to 17:00 hrs	35.87	3.61	22.95	26.57
17:00 hrs to 23:00 hrs	20.53	2.07	15.11	17.18
23:00 hrs to 05:00 hrs	22.20	2.24	12.08	14.32
HV2 Urban Schedule: Supply above 132 kV	3.15	0.04	1.92	1.96
Summer Months (April to September)	1.58	0.02	0.96	0.98
05:00 hrs to 11:00 hrs	0.34	0.00	0.18	0.18
11:00 hrs to 17:00 hrs	0.56	0.01	0.34	0.35
17:00 hrs to 23:00 hrs	0.32	0.00	0.23	0.23
23:00 hrs to 05:00 hrs	0.35	0.00	0.21	0.22
Winter Months (October to March)	1.58	0.02	0.96	0.98
05:00 hrs to 11:00 hrs	0.34	0.00	0.21	0.21
11:00 hrs to 17:00 hrs	0.56	0.01	0.34	0.35
17:00 hrs to 23:00 hrs	0.32	0.00	0.23	0.23
23:00 hrs to 05:00 hrs	0.35	0.00	0.18	0.19
HV2 Rural Schedule: Supply at 11 kV	421.72	13.51	276.97	290.48
<b>Sub Total</b>	<b>2864.14</b>	<b>286.19</b>	<b>1981.62</b>	<b>2267.81</b>
<b>HV-3: Railway Traction</b>				
HV3A Supply for all Voltage level (Railways)	13.42	2.16	11.41	13.57
HV3B For Metro traction	3.96	1.70	2.89	4.59
<b>Sub Total</b>	<b>17.38</b>	<b>3.86</b>	<b>14.30</b>	<b>18.16</b>



Consumer Category/ Sub-Category	Projected Sales (MU)	Fixed Charges	Variable Charges	Estimated Revenue (Rs Cr)
<b>HV-4: Lift Irrigation &amp; P. Canals above 100 BHP (75 kW)</b>				
HV4 Supply at 11kV	6.44	1.02	5.47	6.49
HV4 Supply above 11kV & upto 66kV	42.00	6.55	35.28	41.83
HV4 Supply above 66 kV & upto 132kV	0.00	0.02	0.00	0.02
<b>Sub Total</b>	<b>48.44</b>	<b>7.60</b>	<b>40.75</b>	<b>48.35</b>
<b>Extra State Consumer</b>	<b>13.00</b>	<b>0.00</b>	<b>9.79</b>	<b>9.79</b>
<b>Bulk Supply Consumer</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
<b>Grand Total</b>	<b>28311.41</b>	<b>3013.85</b>	<b>15623.36</b>	<b>18637.21</b>

### 4.13. Non-Tariff Incomes

- 4.13.1. The Petitioner has estimated the non-tariff incomes for FY 2025-26 after escalation of NTI as approved by the Commission for FY 2024-25 after considering escalation in Revenue from renting of assets for 5G activities as claimed in FY 2024-25 as shown in the table below.

**TABLE 4-35 NON-TARIFF INCOME FOR FY 2025-26 (IN RS. CR)**

Particulars	Claimed in FY 2024-25	Projected (escalation based on 40:60 Index Inflation FY 2024-25)
<b>Total Non-Tariff Income</b>	<b>456.67</b>	<b>466.93</b>

### 4.14. GoUP Subsidy

- 4.14.1. The approval for the Government subsidy in the State budget for the fiscal year 2025-26 is due. Consequently, it is currently unavailable. In light of this, for the present petition, the Licensee has adopted the provisional value set in the budget for FY 2024-25 by the Government of Uttar Pradesh (GoUP). Additionally, it is emphasized that, in accordance with Section 65 of the Electricity Act, 2003, the GoUP directly communicates Government subsidy details to the Hon'ble Commission. The Hon'ble Commission may substitute this provisional amount of Government subsidy by the actual subsidy details communicated by the Government of UP to the Hon'ble Commission for FY 2025-26 and the revenue gap shall be modified accordingly.

### 4.15. Summary of ARR for FY 2025-26

- 4.15.1. The Aggregate Revenue Requirement for FY 2025-26 is summarised in the Table below:

**TABLE 4-36 ARR FOR FY 2025-26 (IN RS. CR)**

S.No	Particulars	ARR
		FY 2025-26
		Projected
I.	<b>Power Purchase or Energy Available at Discom Periphery (MU)</b>	32,997.02
II.	<b>Sale of Power (MU)</b>	28,311.44
III.	<b>Distribution Loss (%)</b>	0.14
		-
<b>A</b>	<b>Expenditure</b>	-
a	Cost of Power Procurement	18,457.04
b	Transmission and Load Dispatch Charges	767.51
c	Gross O&M Expenses	-
i	R&M Expense	488.35
ii	Employee Expenses	1,597.12
iii	A&G Expense	406.97
e	Total Gross O&M expenses (i+ii+iii)	2,492.44
f	Smart Metering OPEX	521.64
g	Depreciation	694.07
h	Interest on Long-Term Loan	583.02
i	Interest on Security Deposit from Consumers and Distribution system Users	70.16
j	Finance/Bank Charges	13.04
k	Interest on Working Capital	212.61
l	Bad and Doubtful debts	372.74
m	Return on Equity	730.93
n	Income Tax	-
	<b>Total Expenditure (A)</b>	<b>24,915.21</b>
	<b>Less:</b>	-
o	<b>Interest Capitalisation</b>	-
p	<b>Employee Capitalisation</b>	<b>299.46</b>
<b>B</b>	<b>Net Expenditure (A-q-r)</b>	<b>24,615.75</b>
C	Less: Non Tariff Income	466.93
<b>D</b>	<b>Net Annual Revenue Requirement of Licensee(B-C)</b>	<b>24,148.82</b>
	<b>Receipts</b>	-
a	Revenue Assessment at Payable Tariff	18,637.24
b	Income from other Business	-
c	Revenue from Open Access Customers/Disallowances Due to delay in filing	-
<b>E</b>	<b>Total Revenue (a+b+c)</b>	<b>18,637.24</b>
		-
F	(Shortfall)/Excess before tariff revision impact (E-D)	(5,511.58)
G	Tariff Revision Impact	-
<b>H</b>	<b>Shortfall/Excess after tariff revision impact (F+G)</b>	<b>(5,511.58)</b>
I	Govt. Subsidy Received/Declared	3,374.81
<b>J</b>	<b>(Shortfall)/Excess(H+J)</b>	<b>(2,136.76)</b>

- 4.15.2. The Petitioner requests to approve the ARR claimed for FY 2025-26 in above Table.

➤ **Consolidated Gap from FY 2023-24 to FY 2025-26**

- 4.15.3. The Petitioner requests to Hon'ble Commission to kindly consider the Gap for True Up year FY 2023-24 and ARR year FY 2025-26 along with the carrying cost as mentioned below for estimation of revised tariff for ARR year FY 2025-26. The table is as under :

**TABLE 4-37 CONSOLIDATED GAP FROM FY 2023-24 to FY 2025-26**

Particulars	Rate of Interest (%)	Claimed
Revenue (Gap)/Surplus after Truing up of FY 2023-24		(1,181.12)
Carrying Cost for FY 2023-24 (Half Year)	11.15%	(65.85)
Carrying Cost for FY 2024-25 (Full Year)	11.15%	(131.70)
Carrying Cost for FY 2025-26 (Half Year)	11.15%	(65.85)
<b>Total Revenue (Gap)/Surplus for FY 2023-24 (A)</b>		(1,444.51)
Total Revenue (Gap)/Surplus for FY 2025-26 (B)		(2,136.76)
<b>Cumulative Revenue (Gap)/Surplus to be adjusted in FY 2025-26 (C) = (A) + (B)</b>		(3,581.27)

➤ **Average Cost of Supply**

- 4.15.4. The average cost of supply consolidated for all the Discoms have been computed as under: -

**TABLE 4-38 AVERAGE COST OF SUPPLY FOR FY 2025-26 (CONSOLIDATED FOR ALL DISCOMS)**

Particulars	FY 2025-26
Net Annual Revenue Requirement of Licensee (Rs Cr.)	113923.78
Sale of Power (MU)	133779.67
ACOS	8.52

➤ **Net Revenue Gap with Government Subsidy**

- 4.15.5. As mentioned in Clause No. 4.15.2 of this Petition, in the absence of approved subsidy details for FY 2025-26, the provisional amount of subsidy of Rs 3,840.02 Cr for FY 2025-26 may be adjusted provisionally to bridge the revenue-gap. Accordingly, the net revenue gap is Rs. 2,165.56 Crores which may change as per government Subsidy details for FY 2025-26.
- 4.15.6. It is further submitted that the Hon'ble Commission in its Tariff Order for FY 2023-24 has also recognised the Government subsidy component of LMV-5 Metered Rural Consumers as per the GoUP direction, as under:

*“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.***

- 4.15.7. Accordingly, the revenue from LMV-5 metered consumer sub-category will also involve the component of Government Subsidy.

## 5. Regulatory Assets

5.1.1. The Commission in the matter of Regulatory Asset in the Tariff Order dated July 29, 2021 for FY 2021-22 has not accepted the submission of the Petitioners in this regard. The relevant extracts of the Tariff Order for FY 2021-22 are as under:

7.1.6 Accordingly, the Licensee's requested the Commission to approve the above Regulatory Asset on the basis of GoUP letter and provide a roadmap for recovery of the same in line with the provisions of National Tariff Policy, 2016 and UPERC MYT Distribution Regulations, 2019.

7.1.7 They further apprised that as per clause 1.2(i) of the UP UDAY MOU, the State Government has given the commitment for taking over the future losses of Discoms in a graded manner. The total liability of State Government on this account was Rs. 12,049.49 Crore upto FY 2019 against which the Govt. has already provided support of Rs. 5771.02 Crore and for the remaining balance of Rs. 6278.47 crore, the State Govt. has committed that the same will be provided in next 10 years. The subsidy support from Govt. mentioned in point 5 of the letter is towards the cash losses incurred by the Petitioner due to lower collection efficiency and thus is not related to Regulatory Assets and ARR/Tariff approval procedure.

7.1.8 The Commission has gone through the letter dated 5.3.2021 received from GOUP and the submissions of the Licensees. At the outset, it is pertinent to mention that the UDAY agreement (MOU) was a tri-partite agreement between GoUP, Central Govt (GOI) and Discoms, wherein GOI facilitated GoUP to take over 75% of the outstanding debt of the Discoms, and facilitated Banks/FIs not to levy any prepayment charges on the Discom debt and waived off any unpaid overdue interest and penal interest on Discom debt. The same was done by the GoUP and Banks/FIs. However, the above letter changes the provisions of the tri-partite UDAY agreement and now the GoUP is unilaterally backing out from its obligations from a retrospective date and changing its share to 'debt' instead of 'taking over the debt'.

7.1.9 Since, the Commission had also approved the UDAY MoU, the Commission is of the view that giving effect to such arrangement in the manner as provided in the letter by the GOUP will have retrospective implication and will affect all the Tariff Orders (which have already been Trued-up) in which the treatment of UDAY has already been done. Also, such treatment of the funds would affect the interest of public at large and will lead to huge 'tariff-shock'. The same was also discussed in the State Advisory Committee (SAC). The Commission has taken note of the strong opposition by the SAC member, stakeholder and public at large against the

*revision in computation of Regulatory Assets approved by the Commission as proposed by the Discoms.*

*7.1.10 The Commission cannot decide the matter unilaterally under these ARR proceedings and without taking in consideration the outcome of the legal matter pending before Hon`ble APTEL in this respect.*

*7.1.11 Therefore, it would not be prudent to accept this change unilaterally on the advice of State Government from the retrospective date, and accordingly, is not accepted.*

5.1.2. The Hon`ble Commission has further mentioned that the Commission cannot decide the matter unilaterally under these ARR proceedings and without taking in consideration the outcome of the legal matter pending before the Hon`ble APTEL in this respect.

5.1.3. It is further submitted that the carrying cost component will continuously increase with the passing years. The Petitioner requests the Hon`ble Commission to kindly consider the above facts and issue suitable orders while finalizing the Tariff Order.

5.1.4. Regulatory Asset from FY 2000-01 to FY 2023-24 (post issue of GOUP Letter) along with the carrying cost is depicted below which shall also be considered while approving the ARR of FY 2025-26:

**TABLE 5-1 REGULATORY ASSETS FROM FY 2000-01 TO FY 2021-22 (POST ISSUE OF GOUP LETTER)**

Description	MVVNL
True Up of 2000-01 to 2007-08 and its Regulatory Assets / (Surplus) as on 31.03.16	247.61
True Up of 2008-09 to 2011-12 and its Regulatory Assets / (Surplus) as on 31.03.16	4,375.37
True Up of 2012-13 and its Regulatory Assets / (Surplus) as on 31.03.16	2,425.86
True Up of 2013-14 and its Regulatory Assets / (Surplus) as on 31.03.16	1,769.23
True Up of 2014-15 and its Regulatory Assets / (Surplus) as on 31.03.16	59.48
True Up of 2015-16 and its Regulatory Assets / (Surplus) as on 31.03.16	-217.37
<b>Total Regulatory Assets till Trued-UP FY 2015-16</b>	<b>8,660.18</b>
<b>50% of DISCOM debt taken over as per UDAY</b>	<b>0.00</b>
<b>Net RA / (Surplus) Left after UDAY</b>	<b>8,660.18</b>
Carrying Cost @ 12.50% for FY 2016-17	1082.52
Regulatory Assets/(Surplus) of FY 2016-17 in True Up	-265.48
<b>Total Regulatory Assets Trued-Up till FY 2016-17</b>	<b>9,477.22</b>
<b>25% of Discom Debt Takenover as per UDAY</b>	<b>0.00</b>
<b>Net RA / (Surplus) Left after UDAY</b>	<b>9,477.22</b>
Carrying Cost @ 13.75% for FY 2017-18	1,303.12
Regulatory Assets/(Surplus) in True Up with carrying cost for FY 2017-18	-334.01
carrying cost @ 13.75% for FY 2017-18	-22.96
<b>Total Net RA / (Surplus) till trued up for FY 2017-18</b>	<b>10,423.37</b>
Carrying cost @ 14.05% for FY 2018-19	1,464.48
Net Revenue gap / (surplus) after True up of FY 2018-19	-1567.14

Description	MVVNL
Carrying cost @ 14.05% for FY 2018-19	-110.09
<b>Total Net RA / (Surplus) trued up till FY 2018-19</b>	<b>10,210.62</b>
Carrying cost @ 13.80% for FY 2019-20	1,409.07
<b>Total Net RA / (Surplus) trued up till FY 2019-20</b>	<b>11,619.68</b>
Carrying cost @ 10.65% for FY 2020-21	1,237.50
<b>Total Net RA / (Surplus) trued up till FY 2020-21</b>	<b>12,857.18</b>
Carrying cost @ 9.50% for FY 2021-22	1,221.43
<b>Total Net RA / (Surplus) trued up till FY 2021-22</b>	<b>14,078.61</b>
<b>Carrying cost @ 11% for FY 2023-24</b>	1,548.65
<b>Total Net RA / (Surplus) trued up till FY 2023-24</b>	<b>15,627.26</b>
<b>Carrying cost @ 11% for FY 2024-25</b>	1,742.44
<b>Total Net RA / (Surplus) trued up till FY 2024-25</b>	<b>17,369.70</b>

- 5.1.5. The workings of regulatory assets primarily reflect the impact of the treatment of UDAY grants by the Commission till the current Trueup, which significantly influence the financial recovery framework for the discom. These computations also include the carrying cost associated with the regulatory assets for the respective years, ensuring alignment with applicable regulatory principles.

However, the petitioner has deliberately excluded the True-up gaps for these years from the current workings. This is because the True-up amounts are under judicial scrutiny, with petitions pending before the Appellate Tribunal for Electricity (APTEL). Since these matters are sub judice, any inclusion of the disputed amounts at this stage would not only be premature but could also interfere with the adjudication process.



## 6. Category-wise Revenue and ABR for FY 2025-26

**TABLE 6-1 CATEGORY-WISE REVENUE AND ABR FOR FY 2025-26 (IN RS. CR)  
AT EXISTING TARIFF (CONSOLIDATED FOR ALL DISCOMS)**

Consumer Category/ Sub-Category	Consumers	Load (kW)	Projected Sales (MU)	Fixed Charges	Variable Charges	Estimated Revenue (Rs Cr)	Average Billing Rate (Rs/Unit)
LMV-1: Domestic Light, Fan & Power							
Life Line Consumers (both Rural and Urban) (up to 100 kWh/month)	1,46,80,256	1,50,77,665.61	6,446.31	904.95	1,933.89	2,838.84	4.40
Dom: Rural Schedule (unmetered)	-	-	-	-	-	-	
Dom: Rural Schedule (metered) other than BPL	1,02,01,826	1,51,77,008.34	23,511.33	1,543.42	9,879.25	11,422.67	4.86
0-100 kWh/month	55,15,812	76,95,254.10	9,900.58	783.16	3,316.69	4,099.85	4.14
101-150 kWh/month	26,17,141	34,61,156.96	4,154.17	351.98	1,599.36	1,951.34	4.70
151-300 kWh/month	13,43,318	22,44,502.14	4,758.42	227.87	2,379.21	2,607.08	5.48
Above 300 kWh/Month (starting from 301 unit)	7,25,556	17,76,095.14	4,698.16	180.41	2,583.99	2,764.40	5.88
Dom: Supply at Single Point for Bulk Load	4,250	10,31,467.77	1,878.28	136.31	1,314.79	1,451.10	7.73
Other Metered Domestic Consumers other than BPL	84,79,754	2,14,28,190.59	30,956.88	2,734.20	18,104.91	20,839.12	6.73
0-100 kWh/month	30,99,186	1,09,36,663.80	10,479.03	1,395.57	5,763.47	7,159.04	6.83
101-150 kWh/month	21,19,939	39,59,778.24	6,028.14	505.25	3,315.48	3,820.73	6.34
151-300 kWh/month	15,90,119	35,04,820.93	7,326.79	447.26	4,396.08	4,843.34	6.61
Above 300 kWh/Month (starting from 301 unit)	16,70,510	30,26,927.62	7,122.92	386.12	4,629.90	5,016.02	7.04
Sub Total	3,33,66,086	5,27,14,332.30	62,792.80	5,318.88	31,232.85	36,551.73	5.82
LMV-2: Non Domestic Light, Fan & Power							
Non Dom: Rural Schedule (metered)	4,94,276	12,27,897.36	2,247.69	158.94	1,236.23	1,395.17	6.21
Non Dom: Other Metered Non-Domestic Supply	19,26,766	55,67,365.52	8,587.99	2,803.50	6,687.87	9,491.36	11.05
Up to 4 kW	4,33,636	14,45,089.47	2,547.70	653.23	2,007.66	2,660.89	10.44
Upto 300 kWh / month	3,27,031	10,63,126.16	1,471.14	480.59	1,103.36	1,583.95	10.77
Above 300 kWh/Month	1,06,605	3,81,963.31	1,076.55	172.64	904.30	1,076.94	10.00
Above 4 kW	14,93,131	41,22,276.05	6,040.29	2,150.27	4,680.21	6,830.47	11.31
Upto 1000 kWh / month	11,47,280	18,08,253.36	4,840.40	941.59	3,630.30	4,571.89	9.45
Above 1000 kWh/Month	3,45,850	23,14,022.68	1,199.89	1,208.68	1,049.91	2,258.59	18.82
Sub Total	24,21,042	67,95,262.88	10,835.68	2,962.44	7,924.10	10,886.54	10.05
LMV-3: Public Lamps							
Unmetered	8,801	31,075.78	198.72	160.89	-	160.89	8.10
Unmetered - Gram Panchayat	8,589	17,211.78	95.34	65.06	-	65.06	6.82
Unmetered - Nagar Palika & Nagar Panchayat	163	4,987.88	36.60	28.73	-	28.73	7.85
Unmetered - Nagar Nigam	49	8,876.13	66.78	67.10	-	67.10	10.05
Metered	48,839	2,67,238.28	1,474.24	68.07	1,194.19	1,262.26	8.56
Metered - Gram Panchayat	44,291	95,144.85	460.04	20.14	345.03	365.17	7.94
Metered - Nagar Palika & Nagar Panchayat	2,078	49,155.33	258.24	13.54	206.59	220.13	8.52
Metered - Nagar Nigam	2,469	1,22,938.10	755.96	34.38	642.56	676.95	8.95
Sub Total	57,640	2,98,314.06	1,672.96	228.97	1,194.19	1,423.15	8.51
LMV-4: Light, fan & Power for Institutions							
Inst: Public	3,25,916	8,41,324.90	1,697.48	294.10	1,400.42	1,694.51	9.98
Inst: Private	32,399	2,69,014.59	406.54	108.12	365.89	474.01	11.66
Sub Total	3,58,315	11,10,339.49	2,104.02	402.22	1,766.30	2,168.52	10.31
LMV-5: Private Tube Wells/							



Consumer Category/ Sub-Category	Consumers	Load (kW)	Projected Sales (MU)	Fixed Charges	Variable Charges	Estimated Revenue (Rs Cr)	Average Billing Rate (Rs/Unit)
<b>Pumping Sets</b>							
Consumers getting supply as per "Rural Schedule"	16,20,137	96,84,389.55	21,309.47	1,321.51	3,723.61	5,045.12	2.37
PTW: Rural Schedule (unmetered) (Total)	1,70,723	10,68,020.16	2,691.41	438.09	-	438.09	1.63
PTW: Rural Schedule (unmetered)	1,70,723	10,68,020.16	2,691.41	438.09	-	438.09	1.63
PTW: Rural Schedule (Energy Efficient Pumps) (Unmetered)	-	-	-	-	-	-	
PTW: Rural Schedule (metered) (Total)	14,49,414	86,16,369.38	18,618.06	883.42	3,723.61	4,607.03	2.47
PTW: Rural Schedule (metered)	14,49,414	86,16,369.38	18,618.06	883.42	3,723.61	4,607.03	2.47
PTW: Rural Schedule (Energy Efficient Pumps) (metered)	-	-	-	-	-	-	
Consumers getting supply as per "Urban Schedule (Metered Supply)"	21,741	1,26,839.82	223.08	25.72	133.85	159.57	7.15
PTW: Urban Schedule (metered)	21,741	1,26,839.82	223.08	25.72	133.85	159.57	7.15
Sub Total	16,41,878	98,11,229.36	21,532.55	1,347.23	3,857.46	5,204.69	2.42
<b>LMV 6: Small and Medium Power upto 100 HP (75 kW)</b>							
Consumers getting supply as per "Rural Schedule"	51,148	4,23,877.20	513.33	99.69	346.62	446.32	8.69
Up to 20 kW	49,648	3,56,200.42	420.49	83.79	283.94	367.72	8.75
Above 20 kW	1,499	67,676.78	92.84	15.91	62.69	78.59	8.47
Consumers getting supply other than "Rural Schedule"	1,64,777	22,38,470.64	3,330.92	562.73	2,448.68	3,011.41	9.04
Summer Months (April to September)	1,64,777	22,38,470.64	1,665.46	281.36	1,227.04	1,508.40	9.06
For load upto 20 kW	1,31,822	15,66,929.45	1,082.55	196.96	797.57	994.53	9.19
05:00 hrs to 11:00 hrs	20,218	2,33,645.10	167.03	29.35	103.64	133.00	7.96
11:00 hrs to 17:00 hrs	59,034	6,86,924.82	482.65	86.35	352.33	438.69	9.09
17:00 hrs to 23:00 hrs	28,212	3,25,960.83	233.83	40.97	196.30	237.27	10.15
23:00 hrs to 05:00 hrs	24,358	3,20,398.70	199.04	40.27	145.30	185.57	9.32
For load above 20 kW	32,955	6,71,541.19	582.91	84.41	429.46	513.87	8.82
05:00 hrs to 11:00 hrs	5,054	1,00,133.61	89.94	12.58	55.81	68.39	7.60
11:00 hrs to 17:00 hrs	14,759	2,94,396.35	259.89	37.01	189.72	226.73	8.72
17:00 hrs to 23:00 hrs	7,053	1,39,697.50	125.91	17.56	105.70	123.26	9.79
23:00 hrs to 05:00 hrs	6,089	1,37,313.73	107.18	17.26	78.24	95.50	8.91
Winter Months (October to March)	1,64,777	22,38,470.64	1,665.46	281.36	1,221.65	1,503.01	9.02
For load upto 20 kW	1,31,822	15,66,929.45	1,082.55	196.96	794.07	991.02	9.15
05:00 hrs to 11:00 hrs	20,218	2,33,645.10	167.03	29.35	121.93	151.29	9.06
11:00 hrs to 17:00 hrs	59,034	6,86,924.82	482.65	86.35	352.33	438.69	9.09
17:00 hrs to 23:00 hrs	28,212	3,25,960.83	233.83	40.97	196.30	237.27	10.15
23:00 hrs to 05:00 hrs	24,358	3,20,398.70	199.04	40.27	123.51	163.78	8.23
For load above 20 kW	32,955	6,71,541.19	582.91	84.41	427.58	511.99	8.78
05:00 hrs to 11:00 hrs	5,054	1,00,133.61	89.94	12.58	65.66	78.24	8.70
11:00 hrs to 17:00 hrs	14,759	2,94,396.35	259.89	37.01	189.72	226.73	8.72
17:00 hrs to 23:00 hrs	7,053	1,39,697.50	125.91	17.56	105.70	123.26	9.79
23:00 hrs to 05:00 hrs	6,089	1,37,313.73	107.18	17.26	66.50	83.76	7.82
Sub Total	2,15,924	26,62,347.84	3,844.25	662.42	2,795.31	3,457.73	8.99
<b>LMV-7: Public Water Works</b>							
Consumers getting supply as per "Rural Schedule"	42,703	7,68,543.72	1,824.30	289.07	1,434.36	1,723.43	9.45
Rural Metered	42,703	7,68,543.72	1,824.30	289.07	1,434.36	1,723.43	9.45
Rural Unmetered	-	-	-	-	-	-	
Consumers getting supply other than "Rural Schedule"	35,104	10,00,084.24	2,500.62	412.53	2,125.53	2,538.06	10.15
Urban Metered	35,104	10,00,084.24	2,500.62	412.53	2,125.53	2,538.06	10.15
Urban Unmetered	-	-	-	-	-	-	
Sub Total	77,807	17,68,627.97	4,324.93	701.61	3,559.89	4,261.50	9.85
<b>LMV-9: Temporary Supply</b>							
Metered	42,026	1,79,132.38	397.03	57.00	347.15	404.15	10.18
Metered TS: Individual residential consumers	26,322	51,910.22	101.75	12.27	81.40	93.67	9.21

Consumer Category/ Sub-Category	Consumers	Load (kW)	Projected Sales (MU)	Fixed Charges	Variable Charges	Estimated Revenue (Rs Cr)	Average Billing Rate (Rs/Unit)
Metered TS: Others	15,704	1,27,222.16	295.27	44.73	265.74	310.48	10.52
Unmetered	108	276.74	59.92	11.89	-	11.89	1.98
Unmetered TS: Ceremonies	108	276.74	40.80	11.89	-	11.89	2.91
Unmetered TS: Temp shops	-	-	19.12	-	-	-	-
Sub Total	42,134	1,79,409.11	456.94	68.89	347.15	416.04	9.10
LMV-11: Electrical Vehicles							
Multi Story Buildings	43	595.70	1.91	-	1.14	1.14	5.98
LMV-1b	40	231.70	0.52	-	0.32	0.32	6.20
HV-1b	3	364.00	1.39	-	0.82	0.82	-
Public Charging Station	2,088	50,705.07	129.49	-	98.23	98.23	7.59
LT	2,058	28,836.19	92.55	-	71.26	71.26	7.70
HT	30	21,868.88	36.94	-	26.97	26.97	7.30
Sub Total	2,131	51,300.77	131.40	-	99.37	99.37	7.56
HV-1: Non-Industrial Bulk Loads							
Commercial Loads / Private Institutions / Non-Domestic Bulk Power with contracted Load 75 kW & above and getting supply at single point on 11 kV & above voltage level.	6,166	18,65,187.26	3,592.84	682.52	2,955.11	3,637.63	10.12
Supply at 11 kV	3,237	11,77,324.04	1,886.36	442.69	1,569.45	2,012.15	10.67
Supply above 11 kV	2,928	6,87,863.22	1,706.48	239.83	1,385.66	1,625.49	9.53
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	1,826	7,38,026.61	1,460.51	242.61	1,111.48	1,354.08	9.27
Supply at 11 kV	1,158	5,22,465.00	804.66	174.43	619.59	794.01	9.87
Supply above 11 kV	667	2,15,561.61	655.86	68.18	491.89	560.07	8.54
Sub Total	7,991	26,03,213.86	5,053.35	925.13	4,066.59	4,991.72	9.88
-							
HV-2: Large and Heavy Power above 100 BHP (75 kW)							
HV2 Urban Schedule: Supply at 11 kV	16,157	39,43,022.91	9,370.32	1,036.03	6,649.45	7,685.48	8.20
Summer Months (April to September)	16,157	39,43,022.91	4,685.16	518.01	3,322.09	3,840.10	8.20
05:00 hrs to 11:00 hrs	3,659	8,82,333.56	1,060.44	115.88	639.98	755.86	7.13
11:00 hrs to 17:00 hrs	5,470	13,16,446.23	1,594.43	172.82	1,132.04	1,304.87	8.18
17:00 hrs to 23:00 hrs	3,530	8,60,407.02	1,019.35	113.01	832.30	945.31	9.27
23:00 hrs to 05:00 hrs	3,498	8,83,836.10	1,010.94	116.30	717.77	834.07	8.25
Winter Months (October to March)	16,157	39,43,022.91	4,685.16	518.01	3,327.36	3,845.38	8.21
05:00 hrs to 11:00 hrs	3,659	8,82,333.56	1,060.44	115.88	752.91	868.79	8.19
11:00 hrs to 17:00 hrs	5,470	13,16,446.23	1,594.43	172.82	1,132.04	1,304.87	8.18
17:00 hrs to 23:00 hrs	3,530	8,60,407.02	1,019.35	113.01	832.30	945.31	9.27
23:00 hrs to 05:00 hrs	3,498	8,83,836.10	1,010.94	116.30	610.10	726.40	7.19
HV2 Urban Schedule: Supply above 11 kV & upto 66 kV	616	15,59,635.45	4,515.94	396.41	3,072.96	3,469.37	7.68
Summer Months (April to September)	616	15,59,635.45	2,257.97	198.21	1,534.21	1,732.41	7.67
05:00 hrs to 11:00 hrs	142	3,59,792.58	519.92	45.71	300.52	346.23	6.66
11:00 hrs to 17:00 hrs	208	5,25,019.93	754.67	66.73	513.18	579.91	7.68
17:00 hrs to 23:00 hrs	140	3,54,568.54	508.02	45.05	397.27	442.32	8.71
23:00 hrs to 05:00 hrs	126	3,20,254.39	475.36	40.71	323.25	363.96	7.66
Winter Months (October to March)	616	15,59,635.45	2,257.97	198.21	1,538.75	1,736.96	7.69
05:00 hrs to 11:00 hrs	142	3,59,792.58	519.92	45.71	353.55	399.26	7.68
11:00 hrs to 17:00 hrs	208	5,25,019.93	754.67	66.73	513.18	579.91	7.68
17:00 hrs to 23:00 hrs	140	3,54,568.54	508.02	45.05	397.27	442.32	8.71
23:00 hrs to 05:00 hrs	126	3,20,254.39	475.36	40.71	274.76	315.47	6.64
HV2 Urban Schedule: Supply above	69	5,54,147.38	1,714.82	131.50	1,087.39	1,218.90	7.11

Consumer Category/ Sub-Category	Consumers	Load (kW)	Projected Sales (MU)	Fixed Charges	Variable Charges	Estimated Revenue (Rs Cr)	Average Billing Rate (Rs/Unit)
66 kV & upto 132 kV							
Summer Months (April to September)	69	5,54,147.38	857.41	65.75	545.77	611.52	7.13
05:00 hrs to 11:00 hrs	15	1,19,595.03	188.80	14.17	102.71	116.88	6.19
11:00 hrs to 17:00 hrs	24	1,81,442.03	278.65	21.50	178.34	199.83	7.17
17:00 hrs to 23:00 hrs	15	1,13,778.11	157.89	13.48	116.21	129.69	8.21
23:00 hrs to 05:00 hrs	15	1,39,332.20	232.06	16.60	148.52	165.12	7.12
Winter Months (October to March)	69	5,54,147.38	857.41	65.75	541.62	607.37	7.08
05:00 hrs to 11:00 hrs	15	1,19,595.03	188.80	14.17	120.83	135.01	7.15
11:00 hrs to 17:00 hrs	24	1,81,442.03	278.65	21.50	178.34	199.83	7.17
17:00 hrs to 23:00 hrs	15	1,13,778.11	157.89	13.48	116.21	129.69	8.21
23:00 hrs to 05:00 hrs	15	1,39,332.20	232.06	16.60	126.24	142.84	6.16
HV2 Urban Schedule: Supply above 132 kV	5	1,11,509.15	664.29	26.45	404.75	431.20	6.49
Summer Months (April to September)	5	1,11,509.15	332.14	13.23	202.62	215.85	6.50
05:00 hrs to 11:00 hrs	1	24,695.11	70.75	2.93	36.68	39.61	5.60
11:00 hrs to 17:00 hrs	2	37,670.25	114.42	4.47	69.80	74.26	6.49
17:00 hrs to 23:00 hrs	1	24,807.21	70.87	2.94	49.72	52.66	7.43
23:00 hrs to 05:00 hrs	1	24,336.58	76.10	2.89	46.42	49.31	6.48
Winter Months (October to March)	5	1,11,509.15	332.14	13.23	202.13	215.36	6.48
05:00 hrs to 11:00 hrs	1	24,695.11	70.75	2.93	43.16	46.09	6.51
11:00 hrs to 17:00 hrs	2	37,670.25	114.42	4.47	69.80	74.26	6.49
17:00 hrs to 23:00 hrs	1	24,807.21	70.87	2.94	49.72	52.66	7.43
23:00 hrs to 05:00 hrs	1	24,336.58	76.10	2.89	39.46	42.34	5.56
HV2 Rural Schedule: Supply at 11 kV	1,153	2,50,818.67	638.63	61.19	419.42	480.61	7.53
Sub Total	18,000	64,19,133.56	16,904.00	1,651.58	11,633.97	13,285.55	7.86
HV-3: Railway Traction							
HV3A Supply for all Voltage level (Railways)	2	10,500.00	30.37	3.78	25.82	29.60	9.74
HV3B For Metro traction	8	56,727.12	140.81	15.13	102.79	117.92	8.37
Sub Total	10	67,227.12	171.18	18.91	128.61	147.52	8.62
HV-4: Lift Irrigation & P. Canals above 100 BHP (75 kW)							
HV4 Supply at 11kV	87	1,09,021.45	392.78	34.06	333.86	367.92	9.37
HV4 Supply above 11kV & upto 66kV	51	1,09,164.38	367.57	32.95	308.76	341.71	9.30
HV4 Supply above 66 kV & upto 132kV	2	531.15	2.89	0.16	2.39	2.54	
Sub Total	140	2,18,716.97	763.24	67.17	645.01	712.18	9.33
Extra State Consumer	3	85,200.00	89.46	-	67.37	67.37	7.53
Bulk Supply Consumer	1	12,79,888.53	3,102.87	-	1,368.37	1,368.37	
Grand Total	3,82,09,103	8,60,64,544	1,33,779.64	14,355.43	70,686.52	85,041.96	6.36

## 7. Compliance to Directives as per Tariff Order dated 24<sup>th</sup> May 2023 & 10<sup>th</sup> October 2024

**TABLE-7-1: COMPLIANCE TO DIRECTIVES ISSUED UNDER TARIFF ORDER FOR FY 2024-25**

S.N o.	Directive No.	Description of Directive(s)	Compliance Status
<b>Pending COMPLIANCE WITH DIRECTIVES ISSUED IN THE ORDER DATED JULY 20, 2022</b>			
1	4	There are several upcoming opportunities for the Licensees to enhance their non-tariff income, particularly from the broadband and 5G telecom companies for installation of their equipment on the electric poles and infrastructure of the Licensees. The Licensees are directed to develop a business plan in this regard and submit the same for the approval of the Commission. The Commission may allow some part of this income as an incentive to the Licensee through revenue sharing based on implementation of the same. Therefore, the Petitioner is directed to submit a business plan on the above for the approval of the Commission.	It is submitted that petitioner is obligated to comply the Hon'ble Commission directives and a business plan regard to enhancing its income from broadband and 5G usage of the assets of Licensee will submitted before the Commission for the approval within due course of time.
2	13	The proceedings under Petition No. 780 of 2012 are going on in the matter of Security Deposit, and the final Orders of the Commission will have a bearing on the Security Deposit treatments for the years that have been Trued Up. Due to the above proceedings, all approvals will be treated as provisional. The Petitioners are directed to make a detailed filing due to the impact of the final order in the above proceedings in the ARR/Tariff filings to be made after the issuance of the final order.	Proceeding is under consideration of the Hon'ble Commission in petition no. 780 of 2012 and the desired submission has been provided to Hon'ble Commission.
3	14	The Petitioners are directed to submit year-wise (since inception) details of Smart Meters installed with a break-up of category/sub-category-wise in the next ARR/Tariff filings.	Since, the tariff order has been issued on 10 <sup>th</sup> Oct 2024. As such the required data is under compilation and the same will be submitted separately.
4	16	The Petitioners shall file a quarterly progress report before the Commission on SoP implementation as per UPERC (Standards of Performance) Regulations, 2019.	Discom has complied the Hon'ble UPERC directives and sharing quarterly report of SOP regulations to Hon'ble Commission every quarter of financial year.
5	17	The Petitioners shall file a quarterly progress report before the Commission on CGRF implementation as per UPERC (Consumer Grievance Redressal Forum) Regulations, 2019. The Commission will deal with this matter separately under Petition No. 63SM of 2023. The Petitioners are required to submit the quarterly report of complaints received at different levels of CGRFs, status of their disposal, and pendency. XX	It is humbly submitted that petitioner is obligated to comply the Hon'ble Commission directives and have submitted the quarterly progress report regarding CGRF.
6	18	The Commission directs the Petitioners to follow the RPO trajectory set by the Commission in its First Amendment to the RPO Regulations, 2010 dated August 16, 2019, and any others of the Commission, and submit RPO compliance along with Tariff filings and other orders of the Commission from time to time. The Petitioners submitted that the power purchase procurement and management of the Petitioners are being done by UPPCL. This has been partially complied with by the Petitioners. Full compliance has not been done, and some pending RPO units are to be purchased in the future years. The Petitioner is directed to clear the backlog of RPO compliance as soon as possible by purchasing from RE sources or through the purchase of RE Certificates.	It is submitted that the licensee is in process of tie-up power from various RE sources in order to meet the backlog and future RPO requirements.

S.N o.	Direct ive No.	Description of Directive(s)	Compliance Status
<b>11.2. DIRECTIVES PENDING FOR COMPLIANCE</b>			
<b>7</b>	1	Submit voltage-wise (440V, 11kV, 33kV, 66kV, 132 kV) Energy Sales and Losses, and also submit the energy audit report and the cost audit report prepared in accordance with Companies (Cost Records and Audit) Rules 2014 every year with the ARR Petitions.	It is submitted that the Petitioner has submitted that voltage wise loses as per P1 format of MYT Regulations.
<b>8</b>	2	All procurements made by the Petitioners should be through Competitive Bidding only. - Status of compliance / Petitioner's reply: The Petitioners confirmed that all power procurement is through Competitive Bidding as per Commission's directions. - Commission's Remarks: This directive is for material & works procurement, not power purchases. Petitioners are directed to ensure compliance and submit this in the next Tariff filing.	It is submitted that petitioner is complying the Commission directives and all the procurement by discom is done on competitive bidding mode
<b>9</b>	3	Upload on its website all regulatory filings, information, and particulars related to the Petition, signed digitally and in searchable PDF formats, along with Excel files.	The petitioners have complied with the directive, and Tariff Petitions are available online.
<b>10</b>	4	Submit DSM (Deviation Settlement Mechanism) account details separately from power purchase in ARR/Tariff filings.	DSM account is prepared by SLDC and submitted to the Hon'ble Commission as per directions.
<b>11</b>	5	Ensure that Power Purchase Costs with detailed break-ups, including inter and intra-state transmission charges, are part of the Audited Balance Sheet.	Audited Balance Sheet is prepared as per the provisions of Company's Act. Further, Petitioner submits that UPPCL is the sole power supplier for all State DISCOMS. The Petitioner receives the energy bill from UPPCL only.
<b>12</b>	6	Submit PPAs, Commission approvals, and bills for each power source procured along with the True-up / ARR Petition.	The details of all PPAs, approvals and bills of power purchase are available at UPPCL website.
<b>13</b>	7	Submit a detailed Fixed Asset Register (FAR) in excel, with asset opening, addition, deduction, and closing values, as well as depreciation, bifurcated by assets owned by the Petitioners, assets created out of Grants, and assets created out of consumer contributions.	FAR is being submitted separately.
<b>14</b>	8	Submit category/sub-category-wise billing determinants and revenue for consumers of Distribution Franchisee (DVVNL) similar to own consumers and conduct an audit of operational parameters of Torrent Power Ltd (Franchisee of Agra).	Not applicable to the Petitioner.
<b>15</b>	9	Clarify interest on security deposits provided to consumers, showing the required and actual disbursed interest.	The Commission is requested to deal with this matter separately under Petition No. 780 of 2012.
<b>16</b>	10.	Ensure 100% feeder and distribution transformer (DT) metering. Petitioners are directed to complete 100% DT metering on priority and submit progress reports.	The Petitioner has already submitted that 100% feeder metering is completed.
<b>17</b>	11	Submit year-wise data on Surcharge Waiver from One-Time Settlement (OTS) schemes from the year abolished to FY 2022-23.	It is humbly submitted that OTS details will be compiled and submitted before the Commission separately.
<b>18</b>	12	Complete metering for LMV-10 consumers immediately as delays lead to penalization.	It is submitted that presently in tariff order, no LMV-10 category exists and same has been merged with LMV-1 tariff category.
<b>19</b>	13	Provide electricity duty portion in Bad Debts and reconcile with the balance sheet.	It is submitted that the provisions for bad debts have been claimed as per the audited balance sheet. Further these provisions are made based on the bad debts policy, and it is not feasible to separately



S.N o.	Directive No.	Description of Directive(s)	Compliance Status
			identify and bifurcate the portion of electricity duty within these provisions.
20	14	Ensure category/sub-category-wise Billing Determinants and Revenue are part of the Audited Balance Sheet.	Audited Balance Sheet is prepared as per the provisions of Company's Act. Further, category-wise Revenue is already a part of the Balance Sheet.
21	15	Ensure details of power purchased, energy delivered, and losses are made part of the Audited Balance Sheet.	It is humbly submitted that Audited Balance Sheet is prepared as per the requirements of Company's Act.
22	16	Provide Discom-wise expense allocations by UPPCL with the True-up/ARR petition. Petitioners need to provide the basis for expense allocation. Non-compliance will result in disallowance.	Discoms balance sheet is attached with this petition.
23	17	Ensure all Tariff formats are fully filled and formula-driven, including Excel files.	It is submitted that petitioner is obligated to comply the Hon'ble Commission directives
24	18	Define a roadmap for cross-subsidy reduction. - Status of compliance / Petitioner's reply: Roadmap as per Tariff Policy 2016.	Complied as per the provisions of the Tariff Policy, 2016. Roadmap for cross-subsidy reduction to be done as per directions/guidelines of the Hon'ble Commission.
25	21	Petitioners must evaluate the cost-benefit of Smart Meters for lifeline consumers (monthly bill ~Rs. 350) and submit detailed reports on realized benefits during the next ARR/Tariff filing.	It is requested to Hon'ble Commission to allow petitioner additional time for submitting detailed reports on benefits of smart meters installation.
26	22	Provide monthly net metering details, including energy banked and adjustments, and submit Discom-wise capacity of net metering consumers, including year-end treatments in financial statements.	It is submitted that the data is being compiled and will be submitted separately.
27	23	Report revenue under different heads (operations, wheeling charges, CSS) separately in audited accounts and ARR/Tariff petitions.	It is submitted that Revenue from operations, wheeling charges and CSS are captured separately in audited accounts.
28	24	Provide actual consumer counts, connected load, sales, and revenue for LMV-10 category consumers with the True-up Petition.	It is submitted that the Hon'ble Commission in its tariff order has abolished the LMV-10 category and same has been merged with LMV-1 category consumers.
<b>11.3. DIRECTIVES FOR FY 2024-25</b>			
29	11.3.1	The Petitioners are directed to submit year-wise data regarding Surcharge Waiver in various One-Time Settlement (OTS) schemes from the year the same was not considered by the Commission, to FY 2023-24, in the next filing.	It is humbly submitted that OTS details is being compiled and submitted before the Commission separately.
30	11.3.2	There is a lack of clarity on the interest of security deposited that has been given to the consumers. Petitioners in its submission should clearly demonstrate how much interest on security deposit was required to be given and how much interest has been actually disbursed.	The Petitioner humbly submits to the Hon'ble Commission to deal this matter separately under Petition No. 780 of 2012.
31	11.3.3	100% metering is a necessary condition for an efficient distribution network and financial viability of the distribution companies. The metering for all consumers should be completed by 31.03.2025.	It is submitted that petitioner is obligated to comply the Hon'ble Commission directives
32	11.3.4	The Petitioners are directed to ensure 100% DT metering and separation of agriculture feeders and submit the status with the Tariff filing.	It is submitted that under smart metering programme (RDSS), the installation of smart meter on the distribution transformers are proposed to be installed on

S.N o.	Direct ive No.	Description of Directive(s)	Compliance Status
			priority.
33	11.3.5	The Commission directs that metering of LMV-10 consumers should be completed immediately. The Petitioners are directed to provide the Billing Determinants and revenue collected from LMV-10 consumers along with ARR/Tariff filing.	It is submitted that the Hon'ble Commission in its tariff order has abolished the LMV-10 category and same has been merged with LMV-1 category consumers.
34	11.3.6	The Commission directs the Petitioners to ensure that the smart meters installed under their area of operations should contain features such as near real-time monitoring, real-time audits, demand-side management, phase imbalance, identification of variations in consumer load, detection of theft, etc., and should comply with the specifications/guidelines of GoI issued in this regard.	It is humbly submitted that petitioner is obligated to comply the Hon'ble Commission directives.
35	11.3.7	The Commission further directs the Petitioners to undertake a comprehensive load research study and submit a ToD structure revision proposal to meet the requirement of the provisions of the MoP's Electricity (Rights of Consumers) Amendment Rules, 2023, along with its next tariff filings.	The Hon'ble Commission in its tariff order for FY 2024-25 has incorporated the changes in the TOD structure based on the inputs provided by the licensees.
36	11.3.8	The Commission directs the Petitioners to prepare and submit a time-bound roadmap for implementing long-term and medium-term demand forecasting in line with CEA guidelines in the matter.	It is submitted that the Hon'ble Commission is in process of finalizing the resource adequacy plan for demand forecasting and accordingly, the licensee will submit the required forecasting plan.
37	11.3.9	The Commission directs the Petitioners to assess the feasibility of implementing the suggestion of OTP-based closure of consumer complaints submitted on the Helpline 1912 and submit an action plan to the Commission within the next 3 months.	Licensee is in process of determining the feasibility report and the same will be submitted separately to the Hon'ble Commission.
38	11.3.10	Petitioners are directed to regularly report the status of all complaints pending beyond a period of 3 months with reasons for the same.	It is humbly submitted that petitioner is complying the Commission directives and regularly submitting quarterly report under SOP Regulation 2019 before Hon'ble Commission
39	11.3.11	There are several upcoming opportunities for the Licensees to enhance their non-tariff income, particularly from the broadband and 5G telecom companies for installation of their equipment on the electric poles and infrastructure of the Licensees. The Licensees are directed to develop a business plan in this regard and submit the same for the approval of the Commission.	It is submitted that petitioner is obligated to comply the Hon'ble Commission directives and a business plan regard to enhancing its income from broadband and 5G usage of the assets of Licensee will submitted before the Commission for the approval within due course of time.
40	11.3.12	Provide the detailed breakup of CWIP claimed for the year along with the Petition.	It is submitted that breakup of CWIP claimed in provided in the petition.
41	11.3.13	The Commission observed that in a few formats, the data is incomplete. Also, it has been observed that the Excel files are not linked and formula-driven, which delays the proceedings. Therefore, the Petitioner is directed to ensure that all the Tariff and additional formats are completely filled and are with formulas and links.	It is submitted that petitioner is obligated to comply the Hon'ble Commission directives
42	11.3.14	The Petitioners are directed to submit the proposal for Tariff in the next Tariff Petition which would incorporate such a roadmap for cross-subsidy reduction.	The proposal will be submitted separately.
43	11.3.15	The Petitioners are directed to show SOP and CGRF expenses separately in the Audited Accounts.	Audited Balance Sheet is prepared as per the provisions of Company's Act. Further, it is submitted that

S.N o.	Directive No.	Description of Directive(s)	Compliance Status
			separate accounting heads has been created to capture the data.
<b>11.4. STANDING DIRECTIONS</b>			
<b>44</b>	11.4.1	The Commission directs that the Petitioners shall ensure the compliance of all previous directives which have not been complied with.	It is submitted that petitioner is obligated to comply the Hon'ble Commission directives
<b>45</b>	11.4.2	Apart from the above directions, the Petitioners are to comply with the directions provided at various places in this Tariff Order.	It is submitted that petitioner is obligated to comply the Hon'ble Commission directives
<b>46</b>	11.4.3	The Commission directs the Petitioners not to book excess sales under the unmetered categories.	It is submitted that petitioner is booking sales for unmetered category as per norms approved by Hon'ble Commission
<b>47</b>	11.4.4	The details of category/sub-category-wise billing determinants and revenue of consumers of Franchisee for DVVNL is to be properly submitted in a similar manner as is done for own consumers, i.e., rather than showing billing determinants of Torrent Power Ltd as bulk supply. DVVNL is also to get an audit done every year on the operational parameters, implementation of Tariff approved by the Commission, billing and collection, infrastructure and service delivery adequacy, status of defaults and dues, etc. of Torrent Power Ltd (franchisee of Agra), and submit the report to the Commission, along with the ARR/Tariff filing each year.	Not applicable to the Petitioner.
<b>48</b>	11.4.5	The Petitioners are directed to provide complete details of energy managed through net metering on a monthly basis, including energy banked/adjusted and the amount/energy settled at the end of the financial year, and the treatment done for the same in the financial statements and regulatory submissions every year, along with ARR/Tariff filings.	It is submitted that the details, as desired by the Hon'ble Commission, are being compiled and will be submitted at the end of the financial year.
<b>49</b>	11.4.6	Submit the month-wise actual category/sub-category-wise Billing Determinants (No. of Consumers, Connected Load & Sales) and actual Revenue for the year, along with future filings.	The Petitioner is obligated to follow the directives of the Commission and will put its best effort to provide the data desired by the Commission in future after robust implementation of IT enabled system.
<b>50</b>	11.4.7	The Petitioners are directed to provide Discom-wise details of all the expenses allocated by UPPCL, along with future True-up/ARR petitions. Further, the Petitioners are directed to submit the methodology adopted for such allocations.	Discoms balance sheet is attached with this petition.
<b>51</b>	11.4.8	The Petitioners are directed to provide consolidated data for all Discoms, along with each Discom, in future ARR/Tariff Petitions.	It is humbly submitted that petitioner has already computed various components on consolidated basis and same is submitted in the petition for consideration of the Commission.
<b>52</b>	11.4.9	The Commission directs the Petitioners to show revenue under different heads comprising of revenue from operations (sale of energy to consumers), Wheeling charges, CSS, and any other charges approved by the Commission, separately in the audited accounts and ARR/Tariff Petition.	It is submitted that Revenue from operations, wheeling charges and CSS are captured separately in audited accounts.
<b>53</b>	11.4.10	The Petitioners shall not purchase power from High Price Day Ahead Market (HPDAM) without prior approval of the Commission.	As per the directive issued by the Hon'ble Commission, it is submitted that licensee is not participating in the High Price Day Ahead Market (HP-DAM) without prior approval of the Commission.
<b>54</b>	11.4.11	The Petitioners shall file a quarterly progress report before the Commission on SoP implementation as per UPERC (Standards	It is submitted that petitioner is complying the Commission



S.N o.	Directive No.	Description of Directive(s)	Compliance Status
		of Performance) Regulations, 2019.	directives and quarterly progress report before the Commission on SoP implementation as per UPERC (Standards of Performance) Regulations, 2019 is submitted quarterly.
55	11.4.1 2.	The Petitioners shall file a quarterly progress report before the Commission on CGRF implementation as per UPERC (Consumer Grievance Redressal Forum) Regulations, 2019.	It is submitted that petitioner is complying the Commission directives and quarterly progress report before the Commission on CGRF implementation as per UPERC (Consumer Grievance Redressal Forum) Regulations, 2019 is submitted quarterly.
56	11.4.1 3.	The Commission directs the Petitioner to follow the RPO trajectory set by the Commission from time to time. The Petitioner is directed to clear the backlog of RPO compliance as soon as possible through purchase from RE sources/RE certificates or as directed by the Commission.	As per the Hon'ble UPERC (Promotion of Green Energy through Renewable Purchase Obligation) Regulations, 2010, and its subsequent amendment, the UPERC (Promotion of Green Energy through Renewable Purchase Obligation) Regulations, 2019, UPPCL is mandated to comply with the Renewable Purchase Obligation (RPO) targets assigned by the Hon'ble Commission from time to time. In light of this, it is submitted that UPPCL is making continuous efforts to adhere to the RPO compliance trajectory approved by the Hon'ble UPERC. Furthermore, UPPCL is actively working to clear the backlog of RPO compliance, demonstrating its commitment to achieving the objectives set forth in the regulations. Additionally, UPPCL along with CEA has formulated its Resource Adequacy Plan till FY 2034 and accordingly Renewable Power Procurement roadmap has been formulized to achieve the RPO trajectories.
57	11.4.1 4.	The Commission directs the Petitioners to submit voltage-wise (440 V, 11 kV, 33 kV, 66 kV, 132 kV) Energy Sales and Losses. Also, it is mandatory to submit an energy audit report and the cost audit report (prepared in accordance with Companies (Cost Records and Audit) Rules, 2014) along with the ARR/Tariff filing each year.	It is submitted that the Petitioner has submitted that voltage wise loses as per P1 format of MYT Regulations.
58	11.4.1 5.	The Commission directs the Petitioners to submit the detailed Fixed Asset Register (FAR) in excel with all the details of the assets' opening, addition, deduction, and closing values, as well as depreciation and cumulative depreciations, with the bifurcation of the assets owned by the Petitioners, assets created out of Grants, and assets created out of consumer contribution.	FAR is being submitted separately.
59	11.4.1 6	The Petitioners are directed to procure all power through tariff-based competitive bidding processes or power exchange or Portals authorized by MoP GoI and obtain the approval of the Commission. The Petitioners may procure short-term power	Petitioner is following this directive and procuring all power as per UPERC Modalities of Tariff Determination Regulations, 2023.

S.N o.	Directive No.	Description of Directive(s)	Compliance Status
		within approved ARR limits through power exchange without prior approval of the Commission. However, if the Petitioners need to purchase power beyond the approved limits, then prior approval of the Commission is required, irrespective of the source of power purchase.	
60	11.4.1 7.	The Petitioners must submit the details of each investment scheme/project exceeding Rs. 10 Crore and obtain prior approval of the Commission as per Regulations for inclusion as regulatory expenditure in the ARR. Failure to do so will result in the disallowance of such investments to safeguard consumers from unjust and unfair charges.	It is submitted that petitioner is obligated to comply the Hon'ble Commission directives
61	11.4.1 8.	All procurements of material and works made by the Petitioners should be through Competitive Bidding only.	It is submitted that petitioner is complying Hon'ble Commission's directives
62	11.4.1 9.	The Petitioners shall upload on their website the Petition filed before the Commission along with all regulatory filings, information, particulars, and related documents. These documents shall be signed digitally and provided in searchable pdf formats along with all Excel files. The Petitioner shall also ensure that these files are broken into manageable sizes for easy download and will not keep them compressed as stakeholders find it difficult to extract the files.	It is submitted that petitioner is complying Hon'ble Commission's directives
63	11.4.2 0.	The Commission directs the Petitioner to submit an hourly load profile for the full financial year along with the corresponding N2 region hourly demand curves and hourly prices in the exchange. The Petitioner is also directed to submit a report on the existing ToD time slabs along with the ARR/Tariff filing each year.	The data regarding hourly load profile has been requested to SLDC and the same shall be submitted separately.
64	11.4.2 1.	The 15-minute block schedules are available separately for inter & intra-state power from UPSLDC and NRLDC, respectively. The Petitioner shall combine both schedules to create a consolidated schedule of power procured by UPPCL. The Petitioner shall submit the same with each Tariff filing. Further, the Petitioners shall submit a detailed analysis of Power procurement at the time of State and National coincident peak.	It is submitted that the 15-minute block schedules are currently available separately for both inter-state and intra-state power from UPSLDC and NRLDC.
65	11.4.2 2.	Submit the PPAs, Commission's approval, and bills of each source from which power is procured, along with the future True-up/ARR petitions.	The details of all PPAs are available at UPPCL website.
66	11.4.2 3.	The Petitioners are directed to ensure that actual Power Purchased (MUs) & ex-bus energy delivered at Discom periphery (MUs), inter & intra power purchase (MUs) along with inter & intra state losses, are made part of the Audited Accounts as an Annexure.	Audited Balance Sheet is prepared as per the requirements of Company's Act.
67	11.4.2 4.	The Petitioners are directed to ensure that the actual Power Purchase Cost with a detailed break-up of each source, inter-state transmission charges, and intra-state transmission charges, is made part of the Audited Accounts as an Annexure.	Audited Balance Sheet is prepared as per the provisions of Company's Act. Further, Petitioner submits that UPPCL is the sole power supplier for all State DISCOMS. The Petitioner receives the energy bill from UPPCL only.
68	11.4.2 5.	The Commission directs the Petitioner to submit the Trial Balance with heads matching with the Audited Accounts.	Trail balance of FY 2023-24 is attached as <b>Annexure-A</b>
69	11.4.2 6.	Ensure that the actual category/sub-category-wise Billing Determinants (No. of Consumers, Connected Load & Sales) and category-wise actual Revenue are made part of the Audited Accounts as an Annexure.	Audited Balance Sheet is prepared as per the provisions of Company's Act. Further, category-wise Revenue is already a part of the Balance Sheet.
70	11.4.2 7.	Wherever the opening values in the audited account do not match with the closing shown in the previous audited account,	It is submitted that petitioner is obligated to comply the Hon'ble

S.N o.	Directive No.	Description of Directive(s)	Compliance Status
		the reasons for the same must be provided as part of the Audited Accounts henceforth.	Commission directives
71	11.4.28.	The Commission directs the Petitioner to submit DSM account details separately from the power purchase along with each ARR/Tariff filing.	DSM account is being prepared by SLDC and the same is being submitted to the Hon'ble Commission.
72	11.4.29.	The Commission directs the Petitioner to provide the details of land capitalized during the year, along with the purpose of usage and status of usage of land, along with the lease deed for each land capitalized. Also, provide the list of un-utilized land capitalized along with the ARR/Tariff filing each year.	It is submitted that no land is capitalized during the year
73	11.4.30.	The Commission directs the Petitioner to provide the list of Open Access consumers (Long Term, Short Term, Medium Term) along with their consumption & CSS paid by them and consumer category, along with the ARR/Tariff filing each year.	Since, the tariff order has been issued on 10 <sup>th</sup> Oct 2024. As such the required data is under compilation and the same will be submitted separately.
74	11.4.31.	The Commission directs the Petitioner to submit the reconciliation of the actual O&M expenses (i.e. employee expenses, A&G expenses, R&M expenses) vis-à-vis the normative expenses for the year along with the ARR/Tariff filing each year.	Reconciliation of the actual O&M expenses (i.e. employee expenses, A&G expenses, R&M expenses) vis-à-vis the normative expenses is submitted in the ARR Petition.
75	11.4.32.	The Licensees must print details of SOPs and CGRF mechanisms along with the weblink and contact details on the back of the consumer bills.	Licensee is under process to design the bill format and accordingly the same will be incorporated.
76	11.4.33.	The power factor must be printed with other metering details on the bill of the Consumers.	Licensee is under process to design the bill format and accordingly the same will be incorporated.
77	11.4.34.	The Commission directs the Petitioner to submit Category-wise Billing determinants and revenue of consumers who have opted for protective load as per clause no. 9 of general provisions of Rate Schedule.	Since, the tariff order has been issued on 10 <sup>th</sup> Oct 2024. As such the required data is under compilation and the same will be submitted separately.
78	11.4.35.	The Commission directs the Petitioner to submit Category-wise Billing determinants of consumers who have opted for migration to HV-1 & HV-2 categories from LMV-2, LMV-4 & LMV-6 as per clause no. 11 of general provisions of Rate Schedule.	Since, the tariff order has been issued on 10 <sup>th</sup> Oct 2024. As such the required data is under compilation and the same will be submitted separately.
79	11.4.36.	The Commission directs the Petitioner to submit Category-wise Billing determinants and month-wise advance amount and interest payout for advance payment and rebate on payment for such consumers as per clause no. 16 & 15, respectively, of general provisions of Rate.	Since, the tariff order has been issued on 10 <sup>th</sup> Oct 2024. As such the required data is under compilation and the same will be submitted separately.
80	11.4.37.	The Commission directs the Petitioner to submit Category-wise Billing determinants and revenue from the Green Tariff of consumers who have opted for Green Tariff as per clause no. 21 of general provisions of Rate Schedule.	Since, the tariff order has been issued on 10 <sup>th</sup> Oct 2024. As such the required data is under compilation and the same will be submitted separately.
81	11.4.38.	The Commission directs the Petitioner to submit the number of cases and purposes for whom the category could not be ascertained and the consumer category in which such consumers are being billed.	Since, the tariff order has been issued on 10 <sup>th</sup> Oct 2024. As such the required data is under compilation and the same will be submitted separately.
82	11.4.39.	The Commission directs the Petitioner to submit Category-wise monthly Billing determinants and revenue of consumers who have been billed based on minimum charges as per the Rate Schedule.	Since, the tariff order has been issued on 10 <sup>th</sup> Oct 2024. As such the required data is under compilation and the same will be submitted separately.
83	11.4.4	The Petitioners are directed to provide the load curve for	It is requested to Hon'ble

S.No.	Directive No.	Description of Directive(s)	Compliance Status
	0.	charging stations under LMV-11 category as part of the next tariff filings.	Commission to allow petitioner additional time for submitting load curve of charging stations under LMV-11 category as currently no such report is available.

## 8. Retail and Wheeling Business ARR Summary

- 8.1.1. Clause 39.1 of the MYT (Transmission and Distribution) Regulations, 2019 provide that ARR/Tariff filing by the Distribution Licensee shall separately records for the Distribution Wires Business and Retail Supply Business and shall prepare an Allocation Statement to enable the Hon'ble Commission to determine the Tariff separately for the Distribution Wires Business and Retail Supply Business. In case complete accounting segregation has not been done between the Distribution Wires Business and Retail Supply Business of the Distribution Licensee, the ARR of the Distribution Licensee shall be apportioned between the Distribution Wires Business and Retail Supply Business in accordance with an Allocation Matrix to be prepared by the Licensee and submitted for the Hon'ble Commission's approval.
- 8.1.2. The Petitioner humbly submits that complete segregation of account between wheeling and retail supply has still not taken place, therefore the Petitioner has adopted the basis of allocation of the expenses in line with the methodology used by the Hon'ble Commission in its last Tariff Order.
- 8.1.3. Allocations of Consolidated ARR into wheeling & retail supply for FY 2025-26 have been estimated into following table:

**TABLE 8-1: WHEELING AND RETAIL SUPPLY FOR THE FY 2025-26 (IN RS. CR)**

Particulars	Allocation %		Allocation (FY 2025-26)		
	Wheeling	Supply	Wheeling	Supply	Total
Power Purchase Expenses (incl PGCIL charges)	0%	100%	-	88755.55	88755.55
Apportionment of O&M Expenses & Interest & Finance Charges of UPPCL	0%	100%	-	-	-
Transmission Charges - Intra state (incl SLDC Charges)	0%	100%	-	3581.80	3581.80
<b>Gross O&amp;M Expenses</b>			-	-	-
Gross Employee cost	60%	40%	3150.18	2100.12	5250.29
Gross A&G expenses	40%	60%	415.12	622.67	1037.79
Gross R&M expenses	90%	10%	2937.86	326.43	3264.29
Smart Metering OPEX	0%	100%	-	2332.66	2332.66
Gross Interest & Finance charges	90%	10%	3279.79	364.42	3644.21
Depreciation	90%	10%	<b>2823.89</b>	<b>313.77</b>	<b>3137.66</b>
<b>Gross Expenditure</b>			<b>12606.83</b>	<b>98397.42</b>	<b>111004.25</b>
<b>Expense capitalization</b>			-	-	-
Employee cost capitalized	60%	40%	687.53	458.35	1145.89
Interest capitalized	90%	10%	-	-	-
A&G expenses capitalized	40%	60%	-	-	-
<b>Net Expenditure</b>			<b>11919.30</b>	<b>97939.07</b>	<b>109858.36</b>
Provision for Bad & Doubtful debts	0%	100%	-	1700.84	1700.84
Provision for Contingency Reserve	0%	100%	-	-	-
<b>Total net expenditure with provisions</b>			<b>11919.30</b>	<b>99639.91</b>	<b>111559.20</b>
Add: Return on Equity	90%	10%	2965.52	329.50	3295.02
Less: Non-Tariff Income	0%	100%	-	<b>930.45</b>	<b>930.45</b>
<b>Aggregate Revenue Requirement (ARR)</b>			<b>14884.82</b>	<b>99038.96</b>	<b>113923.78</b>

## 9. Wheeling Charges from Open Access Consumers

- 9.1.1. Clause 39.1 of the MYT (Transmission and Distribution) Regulations, 2019 provide that ARR/Tariff filing by the Distribution Licensee shall separately records for the Distribution Wires Business and Retail Supply Business and shall prepare an Allocation Statement to enable the Hon'ble Commission to determine the Tariff separately for the Distribution Wires Business and Retail Supply Business.
- 9.1.2. The wheeling charges and Distribution charges has been computed on overall consolidated Discom basis keeping in line with the consistent philosophy of the Hon'ble Commission in past Tariff Orders and Clause 51 of the MYT (Transmission and Distribution) Regulations, 2019.

**TABLE 9-1: WHEELING CHARGES FOR FY 2025-26**

Wheeling Charges For FY 2025-26			
S.No..	Particulars	Units	FY 2025-26
1	Wheeling ARR	Rs. Crores	14884.82
2	Retail sales (PVVNL, DVVNL, MVVNL, PuVVNL, KESCO)	MU	133779.67
3	Average Wheeling Charge	Rs./kWh	1.11

**TABLE 9-2: DISTRIBUTION CHARGES FOR FY 2025-26**

S.No.	Particulars	Units	FY 2025-26
1	Retail ARR	Rs. Crores	6701.61
2	Retail sales (PVVNL, DVVNL, MVVNL, PuVVNL, KESCO)	MU	133779.67
3	Average Retail/Distribution charge	Rs./kWh	0.50



## 10. Cross Subsidy Surcharge (CSS)

- 10.1.1. The cross-subsidy surcharge for Open Access consumers has been computed in accordance with the methodology specified in Clause 49 of the UPERC MYT (Transmission and Distribution) Regulations, 2019.
- 10.1.2. As per Clause 49.2 of the UPERC MYT (Transmission and Distribution) Regulations, 2019, the cross-subsidy surcharge is to be computed based on the difference between (i) the tariff applicable to the relevant category of consumers and (ii) the cost of the Distribution Licensees to supply electricity to the consumers of the applicable class. In case of a consumer opting for open access, the Distribution Licensees could be in a position to discontinue purchase of power at the margin in the merit order. Accordingly, the cost of supply to the consumer for this purpose is computed as the aggregate of (a) per unit weighted average cost of power purchase including meeting the Renewable Purchase Obligation; (b) transmission and distribution losses applicable to the relevant voltage level and commercial losses allowed by the Hon'ble Commission; (c) transmission, distribution and wheeling charges up to the relevant voltage level; and (d) per unit cost of carrying regulatory assets, if applicable.
- 10.1.3. The Petitioner has computed the cross-subsidy surcharge for the relevant consumer categories as per the formula prescribed in Clause 49.2 of UPERC MYT (Transmission and Distribution) Regulations, 2019, which is reproduced as follows:

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

Where:

*S is the Cross-Subsidy Surcharge;*

*T is the tariff payable by the relevant category of consumers, including reflecting the Renewable Purchase Obligation;*

*C is the per unit weighted average cost of power purchase by the Licensee, including meeting the Renewable Purchase Obligation;*

*D is the aggregate of transmission, distribution and wheeling charge applicable to the relevant voltage level;*

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

*R is the per unit cost of carrying regulatory assets:*

*Provided that the Cross-Subsidy Surcharge shall not exceed 20% of the Tariff applicable to the category of the consumers seeking Open Access."*

- 10.1.4. The category-wise Cross Subsidy Surcharge computed by the Petitioner for FY 2025-26 as per above formula is as given in the Table below:

**TABLE 10-1: CROSS SUBSIDY SURCHARGE FOR FY 2025-26**

CROSS SUBSIDY SURCHARGE FOR FY 2025-26																
S. No.	Categories	Revenue (IN RS. CR)	Sales (MU)	Average Billing Rate (T)* (Rs./kWh)	Wt. Avg. Pur. Cost (C)** (Rs./kWh)	Aggregate of Trasn., Dist. & Wh. Charges applicable to the relevant voltage level (Rs./kWh)					System Loss (% to the relevant voltage level)			Carrying Cost of Regulatory Assets (Rs./kWh) (R)	S=T-[C/(1-L/100)+D+R]	S*** (Rs./kWh)
						Transmission Charge		Distribution Charge	Wheeling Charge	Aggregate of Trasn., Dist. & Wh. Charges applicable to the relevant voltage level (D)	PGCIL	UPPTCL	Dist. Loss			
						Inter-State Trns. Charges	Intra-State Trns. Charges									
1	HV-1 (Supply at 11 kV)	2806.16	2691.02	10.43	5.24	0.26	0.23	0.50	0.89	1.88	1.24%	3.18%	5.07%	0.00	2.77	2.09
2	HV-1 (Supply above 11 kV)	2185.56	2362.33	9.25	5.24	0.26	0.23	0.50	0.56	1.55	1.24%	3.18%	0.96%	0.00	2.17	1.85
3	HV-2 (Supply upto 11 kV)	7685.48	9370.32	8.20	5.24	0.26	0.23	0.50	0.89	1.88	1.24%	3.18%	5.07%	0.00	0.54	0.54
4	HV-2 (Supply above 11 kV & upto 66 kV)	3469.37	4515.94	7.68	5.24	0.26	0.23	0.50	0.56	1.55	1.24%	3.18%	0.96%	0.00	0.60	0.60
5	HV-2 (Supply above 66 kV & Upto132 kV)	1218.90	1714.82	7.11	5.24	0.26	0.23	0.50	0.56	1.55	1.24%	3.18%	0.17%	0.00	0.07	0.07
6	HV-3 (Supply at below & above 132 kV ) (Railway Traction)	29.60	30.37	9.74	5.24	0.26	0.23	0.50	0.72	1.71	1.24%	3.18%	0.17%	0.00	2.54	1.95
7	HV-3 (Supply at below & above 132 kV ) (Metro Traction)	117.92	140.81	8.37	5.24	0.26	0.23	0.50	0.72	1.71	1.24%	3.18%	0.17%	0.00	1.17	1.17
8	HV-4 (Supply at 11 kV)	367.92	392.78	9.37	5.24	0.26	0.23	0.50	0.89	1.88	1.24%	3.18%	5.07%	0.00	1.71	1.71
9	HV-4 (Supply above 11 kV upto 66kV )	341.71	367.57	9.30	5.24	0.26	0.23	0.50	0.56	1.55	1.24%	3.18%	0.96%	0.00	2.21	1.86
10	HV-4 (Supply above 66 kV upto 132kV )	2.54	2.89	8.80	5.24	0.26	0.23	0.50	0.56	1.55	1.24%	3.18%	0.17%	0.00	1.76	1.76
*Including reflecting the Renewable Purchase Obligation.																
**Including meeting the Renewable Purchase Obligation.																
***CSS shall not exceed 20% of the Tariff Applicable to the category of the consumer seeking Open Access.																



## ***11. Appeal before the Hon'ble APTEL on previous Tariff Orders***

- 11.1.1. It is submitted that some of the claim in the Petition for FY 2018-19, was disallowed by the Hon'ble Commission in Order dated 03.09.2019. UPPCL has filed an Appeal bearing Appeal No. 389 of 2019 before the Hon'ble Appellate Tribunal for Electricity challenging the disallowance by the Hon'ble Commission. The said Appeal has been admitted by the Hon'ble Tribunal and is pending adjudication and will have a bearing in this Petition. In view thereof, it is submitted that UPPCL's claim in the present Petition is without prejudice to UPPCL's contentions in Appeal No. 389 of 2019.
- 11.1.2. It is submitted that some of the claim in the Tariff Petition for FY 2020-21, was disallowed by the Hon'ble Commission in Tariff Order dated 11.11.2020. MVVNL has filed an Appeal bearing DFR No. 174 of 2021 before the Hon'ble Appellate Tribunal for Electricity challenging the disallowance by the Hon'ble Commission. The said Appeal has been admitted by the Hon'ble Tribunal and is pending adjudication and will have a bearing in this Petition. In view thereof, it is submitted that UPPCL's claim in the present Petition is without prejudice to UPPCL's contentions in Appeal No. 174 of 2021.
- 11.1.3. It is submitted that some of the claim in the Petition for FY 2021-22, was disallowed by the Hon'ble Commission in Tariff Order dated 29.07.2021. This has been challenged before Hon'ble Appellate Tribunal for Electricity challenging the disallowance by the Hon'ble Commission
- 11.1.4. It is submitted that some of the claim in the Petition for FY 2023-24, was disallowed by the Hon'ble Commission in Tariff Order dated 20.07.2022. This has been challenged before Hon'ble Appellate Tribunal for Electricity challenging the disallowance by the Hon'ble Commission. MVVNL has filed an Appeal bearing DFR No. 433 of 2022 on 06.10.2022, before the Hon'ble Appellate Tribunal for Electricity challenging the disallowance by the Hon'ble Commission.
- 11.1.5. It is submitted that some of the claim in the Petition for FY 2024-25, was disallowed by the Hon'ble Commission in Tariff Order dated 24.05.2023. This has been challenged before Hon'ble Appellate Tribunal for Electricity challenging the disallowance by the Hon'ble Commission. MVVNL has filed an Appeal, before the Hon'ble Appellate Tribunal for Electricity challenging the disallowance by the Hon'ble Commission.

## **12. Prayers**

The Petitioner humbly prays that the Hon'ble Commission may be pleased to:

- a) Admit the Petition accompanying True-Up for FY 2023-24, APR of 2024-25 and ARR for 2025-26.
- b) Allow the Petitioner to procure power through bilateral contracts/exchanges/short term contracts to maintain the desired schedule of supply in the Licensee area in case the power procurement from long term sources falls short of levels envisaged and accordingly allow the Petitioner to claim Incremental Power Purchase Cost on such purchases and allow the variations in final truing up if any balance adjustment remains;
- c) Allow the Smart Meter OPEX expenses over and above the O&M expenses claim;
- d) Allow the expenses incurred by the Petitioner on account of Licensee fees paid to the Hon'ble Commission, over and above the O&M expenses claim;
- e) The norm approved by the Hon'ble Commission is based on historical parameters and does not cover the actual expenses incurred by the Licensee. It is prayed that the Hon'ble Commission may kindly allow the deviation in O&M norms as submitted under respective sections and amend the norms for parameters of O&M in accordance to the revisional power inherent under Regulation 56 "Power to remove difficulties" and Regulation 57 "Power to amend" of UPERC MYT for Distribution and Transmission Regulations 2019. To approve the Revenue Gap along with the carrying cost as claimed in True-Up and ARR section of this instant Petition;
- f) Allow the Petitioner to add/change / alter / modify this application at a future date;
- g) To condone any inadvertent omissions/ errors/ shortcomings and permit the Petitioners to add/ change/ modify/ alter this filing and make further submissions as may be required at a future date;
- h) To pass such Orders as deemed fit and proper in the facts and circumstances of the case in the interest of justice.