



GOVERNMENT OF INDIA
MINISTRY OF POWER

KEY REGULATORY PARAMETERS OF POWER UTILITIES



As on 31st December 2022



आरईसी
REC

असीमित ऊर्जा, अनन्त संभावनाएं
Endless energy. Infinite possibilities.

ACKNOWLEDGEMENT

The primary objective of the report is to enable knowledge sharing and facilitate at-a-glance comparison between power utilities including DISCOMs, TRANSCOs and GENCOs based on latest information. It provides information on key regulatory parameters of the last four financial years including latest data available for 2022-23 across all major power utilities in India.

This report has been prepared by the Regulatory Compliance Monitoring unit of REC Limited. Information from multiple sources including Retail Supply Tariff Orders, True-up Orders and Regulations issued by the Electricity Regulatory Commissions of States and UTs have been leveraged for the data compilation and validation.

We are grateful to Mr. Ghanshyam Prasad, Chairperson, CEA and Mr. Vivek Kumar Dewangan, IAS, Chairman & Managing Director of REC Limited for their guidance, support and insights on the subject.

We sincerely hope that this report will help policy makers and government agencies in design and implementation of interventions for improving performance of power sector.

Table of Contents

<u>CHAPTER 1. BACKGROUND</u>	11
<u>CHAPTER 2. LIST OF PARAMETERS</u>	12
<u>SECTION 1 TARIFF ORDER ISSUANCE</u>	15
<u>SECTION 2 DISTRIBUTION LOSSES</u>	30
<u>SECTION 3 AVERAGE BILLING RATE</u>	35
<u>SECTION 4 AVERAGE COST OF SUPPLY</u>	43
<u>SECTION 5 REPRESENTATIVE TARIFFS</u>	52
<u>SECTION 6 CROSS SUBSIDY DETAILS</u>	69
<u>SECTION 7 OPEN ACCESS CHARGES</u>	76
<u>SECTION 8 BANKING CHARGES</u>	94
<u>SECTION 9 CUMULATIVE REVENUE GAP/SURPLUS</u>	103
<u>SECTION 10 APPLICABILITY OF TOD TARIFF</u>	111
<u>SECTION 11 RETURN ON EQUITY</u>	119
<u>SECTION 12 TRANSMISSION CHARGES</u>	127
<u>SECTION 13 NUMBER OF PENDING CASES</u>	130
<u>SECTION 14 ALIGNMENT OF ELECTRICITY(RIGHTS OF CONSUMERS) RULES 2020</u>	134
<u>SECTION 15 POWER PROCUREMENT COST OF DISCOMS</u>	144
<u>SECTION 16 AVAILABILITY OF TECHNICAL MINIMUM REGULATION</u>	149
<u>SECTION 17 MERIT ORDER ADHERENCE</u>	152

LIST OF TABLES

Section/ Annexures	Page No.
Section 1: Tariff Order	15
Annexure 1.1: Date of Issuance of Tariff Order (Distribution Companies)	16
Annexure 1.2: Date of Issuance of True-up Order	20
Annexure 1.3: Date of Issuance of Tariff Order (Transmission Companies)	24
Annexure 1.4: Date of Issuance of Tariff Order (Generation Companies)	27
Section 2: Distribution Losses	30
Annexure 2.1: Distribution Losses	31
Section 3: Average Billing Rate	35
Annexure 3.1: Average Billing Rate	36
Annexure 3.2: Difference in Approved and Actual Average Billing Rate	39
Section 4: Average Cost of Supply	43
Annexure 4.1: Average Cost of Supply	44
Annexure 4.2: Difference in Approved and Actual Average Cost of Supply	48
Section 5: Representative Tariffs	52
Annexure 5.1: Consumer Category wise Representative Tariff Comparison	53
Section 6: Cross Subsidy Details	69
Annexure 6.1: Cross Subsidy and Consumption Trend for LT Industrial Consumers	70
Annexure 6.2: Cross Subsidy and Consumption Trend for HT Industrial Consumers	73
Section 7: Open Access Charges	76
Annexure 7.1: Cross Subsidy Surcharge	77
Annexure 7.2: Additional Surcharge	88
Annexure 7.3: Wheeling Charge	91
Section 8: Banking Charges	94
Annexure 8.1: Banking Charges	95
Section 9: Cumulative Revenue Gap/Surplus	103
Annexure 9.1: Cumulative Revenue Gap/Surplus	104
Section 10: Applicability of TOD Tariff	111
Annexure 10.1: Applicability of TOD Tariff	112
Section 11: Return on Equity	119

Section/ Annexures	Page No.
Annexure 11.1: Return on Equity (Distribution Companies)	120
Annexure 11.2: Return on Equity (Generation Companies)	123
Annexure 11.3: Return on Equity (Transmission Companies)	125
Section 12: Transmission Charges	127
Annexure 12.1: Transmission Charges	128
Section 13: Number of Pending Cases	130
Annexure 13.1: Number of Pending Cases	131
Section 14: Alignment of Electricity (Rights of Consumers) Rules 2020	134
Annexure 14.1: Report on Alignment of Electricity (Rights of Consumers) Rules 2020	135
Section 15: Power Procurement Cost of DISCOMs	144
Annexure 15.1: Report on Power Procurement Cost of DISCOMs	145
Section 16: Availability of Technical Minimum Regulation	149
Annexure 16.1: Report on Availability of Technical Minimum Regulation	150
Section 17: Merit Order Adherence	152
Annexure 17.1: Report on Merit Order Adherence	153
Summary of Non-Compliance by states w.r.t legislative framework	154

Acronyms

ABR	Average Billing Rate
ACOS	Average Cost of Supply
AEGCL	Assam Electricity Grid Corporation Limited
APCPDCL	Central Power Distribution Company of Andhra Pradesh Limited
APDCL	Assam Power Distribution Company Limited
APEPDCL	Eastern Power Distribution Company of Andhra Pradesh Limited
APGCL	Assam Power Generation Corporation Limited
APGENCO	Andhra Pradesh Power Generation Corporation Limited
APSPDCL	Southern Power Distribution Company of Andhra Pradesh Limited
APTRANSCO	Andhra Pradesh Power Transmission Corporation Limited
ARR	Average Revenue Requirement
AT&C	Aggregate Technical and Commercial
AVVNL	Ajmer Vidyut Vitran Nigam Limited
BESCOM	Bangalore Electricity Supply Company Limited
BRPL	BSES Rajdhani Power Limited
BSPGCL	Bihar State Power Generation Company Limited
BSPTCL	Bihar State Power Transmission Company Limited
BYPL	BSES Yamuna Power Limited
CEA	Central Electricity Authority
CED	Chandigarh Electricity Department
CERC	Central Electricity Regulatory Commission
CESCOM	Chamundeshwari Electricity Supply Corporation Limited
CSPDCL	Chhattisgarh State Power Distribution Company Limited
CSPGCL	Chhattisgarh State Power Generation Company Limited
CSPTCL	Chhattisgarh State Power Transmission Company Limited
DDED	Daman & Diu Electricity Department
DDUGJY	Deen Dayal Upadhyaya Gram Jyoti Yojana
DEEP	Discovery of Efficient Electricity Price
DGVCL	Dakshin Gujarat Vij Company Limited
DHBVNL	Dakshin Haryana Bijli Vitran Nigam Limited
DISCOM	Distribution Company
DNHPDCL	Dadra & Nagar Haveli Power Distribution Corporation Limited
DOP, AP	Department of Power, Arunachal Pradesh
DPN	Department of Power, Nagaland
DTL	Delhi Transco Limited
DVVNL	Dakshinanchal Vidyut Vitran Nigam Limited
ED A&N	Electricity Department, Andaman and Nicobar Administration
EDG	Electricity Department, Goa
EV	Electric Vehicles

GEI	Government Educational Institute
GESCOM	Gulbarga Electricity Supply Company Limited
GETCO	Gujarat Energy Transmission Corporation Limited
GOI	Government of India
GSECL	Gujarat State Electricity Corporation Limited
HESCOM	Hubli Electricity Supply Company Limited
HPGCL	Haryana Power Generation Corporation Limited
HPPTCL	H.P. Power Transmission Corporation Limited
HPSEB Ltd.	Himachal Pradesh State Electricity Board
HPSEBL	Himachal Pradesh State Electricity Board Limited
HTS	High Tension Supply
HVPNL	Haryana Vidyut Prasaran Nigam Limited
IPDS	Integrated Power Development Scheme
IPGCL	Indraprastha Power Generation Company Limited
I & C	Irrigation & Commercial
JBVNL	Jharkhand Bijli Vitran Nigam Limited
JdVVNL	Jodhpur Vidhyut Vitran Nigam Limited
JERC	Joint Electricity Regulatory Commission
JKPDD-T	Jammu and Kashmir Power Development Department-Transmission
JKSPDC	J&K and Ladakh State Power Development Corporation
JUSNL	Jharkhand Urja Sancharan Nigam Limited
JUUNL	Jharkhand Urja Utpadan Nigam Limited
JVVNL	Jaipur Vidyut Vitran Nigam Limited
KESCO	Kanpur Electricity Supply Company Limited
KPCL	Karnataka Power Corporation Limited
KPTCL	Karnataka Power Transmission Corporation Limited
KSEBL	Kerala State Electricity Board Limited
LED	Electricity Department, Union Territory of Lakshadweep
LIP	Large Industrial Power Supply
LTIS	Low Tension Industrial Supply
LTMD	Low Tension Maximum Demand
MAT	Minimum Alternate Tax
MePDCL	Meghalaya Power Distribution Corporation Limited
MePGCL	Meghalaya Power Generation Corporation Limited
MePTCL	Meghalaya Power Transmission Corporation Limited
MES	Military Engineering Services
MESCOM	Mangalore Electricity Supply Company Limited
MGVCL	Madhya Gujarat Vij Company Limited
MIP	Medium Industrial Power Supply
MOP	Ministry of Power, Government of India
MPMaKVCL	Madhya Pradesh Madhya Kshetra Vidyut Vitaran Company Limited

MPPaKVVCL	Madhya Pradesh Paschim Kshetra Vidyut Vitaran Company Limited
MPPGCL	Madhya Pradesh Power Generating Co. Ltd
MPPoKVVCL	Madhya Pradesh Poorv Kshetra Vidyut Vitaran Company Limited
MPPTCL	M.P. Power Transmission Company Limited
MSEDCL	Maharashtra State Electricity Distribution Company Limited
MSETCL	Maharashtra State Electricity Transmission Company Limited
MSPCL	Manipur State Power Company Limited
MSPDCL	Manipur State Power Distribution Company Limited
MSPGCL	Maharashtra State Power Generation Company Limited
MVVNL	Madhyanchal Vidyut Vitaran Nigam Limited
NBPDCL	North Bihar Power Distribution Company Limited
NDMC	New Delhi Municipal Council
NDS	Non-Domestic Supply
O&M	Operations and Maintenance
OHPC	Odisha Hydro Power Corporation Limited
OPGCL	Odisha Power Generation Corporation Limited
OPTCL	Odisha Power Transmission Corporation Limited
P&ED	Power and Electricity Department, Mizoram
PaVVNL	Pashchimanchal Vidyut Vitaran Nigam Limited
PED	Puducherry Electricity Department
PFC	Power Finance Corporation
PGVCL	Paschim Gujarat Vj Company Limited
PII	Power Intensive Industry
PPCL	Puducherry Power Corporation Limited
PPCL	Puducherry Power Corporation Ltd
PSPCL	Punjab State Power Corporation Limited
PSPCL	Punjab State Power Corporation Limited
PSR	Power Sector Reforms
PSTCL	Punjab State Transmission Corporation Limited
PTCUL	Power Transmission Corporation of Uttarakhand Limited
PuVVNL	Purvanchal Vidyut Vitaran Nigam Limited
PWW	Public Water Works
R-APDRP	Restructured Accelerated Power Development and Reforms Programme
RGP	Residential General Purpose
RoCE	Return on Capital Employed
RoE	Return on Equity
RPO	Renewable Purchase Obligation
RRB	Regulated Rate Base
RRVNL	Rajasthan Rajya Vidyut Prasaran Nigam Limited
RRVUNL	Rajasthan Rajya Vidyut Utpadan Nigam Ltd
SAUBHAGYA	Sahaj Bijli Har Ghar Yojana

SBPDCL	South Bihar Power Distribution Company Limited
SERC	State Electricity Regulatory Commission
Sikkim PD	Energy and Power Department, Sikkim
SIP	Small Industrial Power Supply
STP	Sewage Treatment Plant
TANGEDCO	Tamil Nadu Generation and Distribution Corporation Limited
TANTRANSCO	Tamil Nadu Transmission Corporation Limited
TOD	Time of Day (Tariff)
TPCODL	Tata Power Central Odisha Distribution Limited
TPDDL	Tata Power Delhi Distribution Limited
TPGL	Tripura Power Generation Limited
TPNODL	Tata Power Northern Odisha Distribution Limited
TPSODL	Tata Power Southern Odisha Distribution Limited
TPWODL	Tata Power Western Odisha Distribution Limited
TSECL	Tripura State Electricity Corporation Limited
TSECL	Tripura State Electricity Corporation Limited
TSGENCO	Telangana State Power Generation Corporation Limited
TSNPDCL	Northern Power Distribution Company of Telangana Limited
TSSPDCL	Southern Power Distribution Company of Telangana Limited
TSTRANSCO	Transmission Corporation of Telangana Limited
TUP	True-up
UDAY	Ujjwal DISCOM Assurance Yojana
UGVCL	Uttar Gujarat Vij Company Limited
UHBVNL	Uttar Haryana Bijli Vitran Nigam Limited
UJALA	Unnat Jyoti by Affordable LEDs for All
UJVNL	Uttarakhand Jal Vidyut Nigam Limited
UPCL	Uttarakhand Power Corporation Limited
UPJVNL	Uttar Pradesh Jal Vidyut Nigam Limited.
UPPTCL	Uttar Pradesh Power Transmission Corporation Limited
UPRVUNL	Uttar Pradesh Rajya Vidyut Utpadan Nigam Limited
URJA	Urban Jyoti Abhiyan
WACC	Weighted Average Cost of Capital
WBPDCL	West Bengal Power Development Corporation Limited
WBSEDCL	West Bengal State Electricity Distribution Company Limited
WBSETCL	West Bengal State Electricity Transmission Company Limited

CHAPTER 1. BACKGROUND

The Government of India (GOI) aims to deliver reliable, secure, quality and affordable power to all consumers by creating an efficient and financially sustainable power sector. In this regard, the GOI has implemented various reform initiatives which have led to transformational changes in the Indian power sector. This includes a massive rural electrification program and last-mile connectivity plan—Pradhan Mantri Sahaj Bijli Har Ghar Yojana (SAUBHAGYA) and Deen Dayal Upadhyaya Gram Jyoti Yojana (DDUGJY); initiatives for network strengthening and IT enablement—Integrated Power Development Scheme (IPDS); initiatives for performance improvement of Distribution Utilities (DISCOMs)—Ujjwal DISCOM Assurance Yojana (UDAY); enabling digitization (Vidyut Pravah, Urja, DEEP e-bidding, etc.); improving end-use energy efficiency—Unnat Jyoti by Affordable LEDs for All (UJALA) among others.

These initiatives have had successful outcomes; which led to the electrification of 100% villages and about 280 million un-electrified households; reduction in Aggregate Technical and Commercial (AT&C) losses from 22.58% (in 2013-14) to 21.73% (in 2019-20)¹. Further the Government of India (GOI) also launched Revamped Distribution Sector Scheme (RDSS) with the objective of Reduction of AT&C losses to pan-India levels of 12-15% by 2024-25 and Reduction of ACS-ARR gap to zero by 2024-25.

Regular monitoring of financial and operational parameters for DISCOMs is essential to identify interventions required for continuous performance improvement. At present, there is no single resource that covers all related parameters under one platform. To address this knowledge gap, a report capturing key regulatory parameters for all the DISCOMs (including power departments) was prepared under the Power Sectors Reform Programme in the year 2020. The report “Key Regulatory Parameters of Power Utilities” covers 17 broad regulatory parameters for 63 DISCOMs across India for last four financial years. However, it is imperative to keep updating the data set to enable effective knowledge sharing and facilitate meaningful at-a-glance comparison between DISCOMs based on the latest information.

Post previous version of this report, in this version power banking charges and tariff orders for J&K, Ladakh and Nagaland for FY 2022-23 have been covered.

The information presented in this report has been prepared from various sources, which includes tariff orders, true up orders and DISCOM Annual Accounts among others.

¹ Source: Performance Report of State Power Utilities (PFC)

CHAPTER 2. LIST OF PARAMETERS

The report includes information on key regulatory parameters for the period 2018-19 till 2022-23 for Distribution, Transmission and Generation utilities of all state and UTs across the country. The parameters included are as below:

Parameter		Sub-Parameter	Unit		Inclusions
Tariff Order	A	Date of Issuance of Tariff Order	Date	A1	Tariff order issuance date by respective Electricity Regulatory Commissions for DISCOMs and state owned TRANSCOs and GENCOs.
Distribution Losses	B	Distribution Losses	%	B1	(Net Input Energy at the DISCOM periphery-Net Energy Sold) / Net Input Energy at the DISCOM Periphery
Average Billing Rate	C1	Total Revenue	Rs. Crore	C1.1	Revenue from domestic, commercial, industrial, agricultural, and other intra-state consumers at approved tariff along with the govt. subsidy
		Total Energy Sold	MU	C1.2	Energy sold to domestic, commercial, industrial, agricultural, and other intra-state consumers
		Average Billing Rate (ABR)	Rs./kWh	C1.3	$((\text{Total Revenue} \times 10) / \text{Total Energy sold})$
	C2	Change in approved ABR for Nth Year	%	C2.1	$[\text{ABR}_N - \text{ABR}_{(N-1)}] / \text{ABR}_{(N-1)}$
Average Cost of Supply ⁴	D	Total Cost (ARR)	Rs. Crore	D1	Total expenditure approved In Average Revenue Required statement including approved Revenue Gaps, if any and net of Non-Tariff Income and Income from interstate consumers (if provided separately)
		Total Energy Sold	MU	D2	Energy sold to intra-state consumers and inter-state consumers (wherever applicable)
		Avg cost/ unit	Rs./kWh	D3	$((\text{Total Cost} \times 10) / \text{Total Energy sold})$
Tariff Comparison*	E	Consumer Category wise Representative Tariff	Rs/kWh	E1	Category-wise breakup of applicable tariff including energy charge, fixed charge, electrical duty, and govt. subsidy across major states.
Tariff Cross subsidy for commercial and industrial consumers	F	Commercial	%	F1	Average Billing Rate (ABR) for the Commercial category consumers/ Average cost of supply
		Industrial	%	F2	Average Billing Rate (ABR) for the Industrial category consumers/ Average cost of supply

Cross Subsidy Surcharge	G	Cross Subsidy Surcharge (CSS)	Rs. /kWh	G1	CSS as approved by respective Electricity Regulatory Commissions for open-access consumers
Additional Surcharge	H	Additional Surcharge (AS)	Rs. /kWh	H1	Additional Surcharge for open-access consumers approved by respective Electricity Regulatory Commissions
Wheeling Charge	I	Wheeling Charge	Rs. /kWh	I1	Wheeling Charge for open-access consumers approved by respective Electricity Regulatory Commissions
Banking Charge	J	Banking Charge	%	J1	Banking Charge for open-access consumers approved by respective Electricity Regulatory Commissions
State-wise Revenue Gap/Surplus	K	Cumulative Revenue Gap/ Surplus	Rs. Crore	K1	Latest cumulative revenue gap approved by the respective Electricity Regulatory Commissions
Time of Day (ToD) Tariff Rates Applicability	L	ToD Applicability	None	L1	Applicability of Time of Day (TOD) tariff across consumer categories
Return on Equity (RoE)	M	RoE (on post-tax basis)	Rs. Crore	M1	RoE quantum across DISCOMs, Generation Utility and Transmission Utility as approved by the respective Electricity Regulatory Commissions
		RoE (on post-tax basis)	%	M2	Rate of RoE approved by respective Electricity Regulatory Commissions for DISCOMs, Generation Utility and Transmission Utility
		Rate of post-tax RoE as per tariff regulations	%	M3	Rate of RoE as per respective state tariff regulations for DISCOMs, Generation Company and Transmission Company
Transmission Charges	N	Transmission Charges Long Term and Medium Term (wherever specified)	Rs. / MW/Month	N1	(Transmission ARR x 10 ⁷)/ (Total load quantum handled x12)
			Rs. Cr/Month	N2	(Transmission ARR)/12
		Transmission Charges Short Term	Rs. / kWh	N3	(Transmission ARR x 10)/ (Total Energy Handled)
			Rs. / MW	N4	(Transmission ARR x 10 ⁷)/ (Total load quantum)
Number of Pending Cases	O	Petitions pending	Number of Cases	O1	No. of petitions pending with CERC/SERC/ JERC for less than 3 months, 3 to 6 months and more than 6 months
		Tariff petitions pending		O2	
		True-up petitions pending		O3	
		Dispute related cases		O4	

Alignment of Electricity (Rights of Consumers) Rules 2020	P	Alignment of Timelines as per DISCOM's Regulations, Standard of Performance (SoP) and Supply Codes with timelines as specified in the Electricity (Rights of Consumers) Rules 2020	No. of Days/Yes / No / Not Available	P1	Release of Connections
				P2	Testing of Meters
				P3	Replacement of Meters
				P4	Issuance of no dues Certificates
				P5	Provision for payment of claims on deviation from SoPs
				P6	Assessment of Rooftop Solar Feasibility
				P7	Connection of rooftop solar after installation
				P8	Regulations for ensuring predetermined demand charges for up to 150kW
				P9	Presence of Multitier Grievance Redressal Forum
Power Procurement Cost of DISCOMs for 2022-23	Q	Volume of Power Procured during 2022-23	MU	Q1	Volume of Power procured by respective state DISCOMs
		Cost of Power Procured	Rs. Crore	Q2	Cost of Power Procured excluding transmission charges
		Average cost of Power Procured for 2022-23	Rs. / kWh	Q3	(Cost of Power Procured excluding transmission charges x 10)/ (Volume of Power procured)
Availability of Technical Minimum Regulation	R	Availability of Technical Minimum regulation	Yes / No / Data Not Available	R1	Status of State/UTs specific availability of technical minimum regulation
Merit Order	S	Adherence to Merit Order Dispatch	Yes/No	S1	Status of State/UTs specific Merit Order Adherence

General guidelines to the readers:

1. The negative values in the report appear within parenthesis.
2. Wherever suitable, values between -1 and 1 have been rounded off to nil. .
3. 'NA' denotes 'Not Applicable'.
4. 'N/A' denote 'Not Available' in respect of tariff order availability.
5. Change in approved ABR has been rounded off to the nearest whole number.
6. Distribution Losses and Wheeling Charges have been rounded off to 2 decimal places.
7. State level aggregation for various parameters is based on average of DISCOM level values weighted against corresponding energy sales.



SECTION 1

TARIFF ORDER ISSUANCE



Date of Issuance of Tariff Order (Distribution Utilities)

(Status as on 31st December 2022)

	Date of Issuance of Tariff Order				
	2018-19	2019-20	2020-21	2021-22	2022-23
Andaman & Nicobar*	26-Feb-18	20-May-19	18-May-20	31-May-21	01-Aug-22
ED Andaman & Nicobar	26-Feb-18	20-May-19	18-May-20	31-May-21	01-Aug-22
Andhra Pradesh	27-Mar-18	22-Feb-19	10-Feb-20	25-Mar-21	30-Mar-22
APEPDCL	27-Mar-18	22-Feb-19	10-Feb-20	25-Mar-21	30-Mar-22
APSPDCL	27-Mar-18	22-Feb-19	10-Feb-20	25-Mar-21	30-Mar-22
APCPDCL	NA	NA	NA	25-Mar-21	30-Mar-22
Arunachal Pradesh	31-May-18	Not Issued	Not Issued	Not Issued	Not Issued
Arunachal PD	31-May-18	Not Issued	Not Issued	Not Issued	Not Issued
Assam*	19-Mar-18	01-Mar-19	07-Mar-20	15-Feb-21	21-Mar-22
APDCL	19-Mar-18	01-Mar-19	07-Mar-20	15-Feb-21	21-Mar-22
Bihar*	21-Mar-18	25-Feb-19	20-Mar-20	26-Mar-21	25-Mar-22
NBPDCL	21-Mar-18	25-Feb-19	20-Mar-20	26-Mar-21	25-Mar-22
SBPDCL	21-Mar-18	25-Feb-19	20-Mar-20	26-Mar-21	25-Mar-22
Chandigarh*	28-Mar-18	20-May-19	19-May-20	30-Mar-21	11-Jul-22
Chandigarh ED	28-Mar-18	20-May-19	19-May-20	30-Mar-21	11-Jul-22
Chhattisgarh	26-Mar-18	28-Feb-19	30-May-20	02-Aug-21	13-Apr-22
CSPDCL	26-Mar-18	28-Feb-19	30-May-20	02-Aug-21	13-Apr-22
Dadra & Nagar Haveli*	30-Jan-18	20-May-19	18-May-20	23-Mar-21	31-Mar-22
DNHPDCL	30-Jan-18	20-May-19	18-May-20	23-Mar-21	31-Mar-22
Daman & Diu*	13-Mar-18	20-May-19	18-May-20	23-Mar-21	31-Mar-22
Daman & Diu ED	13-Mar-18	20-May-19	18-May-20	23-Mar-21	31-Mar-22
Delhi	28-Mar-18	31-Jul-19	28-Aug-20	30-Sep-21	Not Issued
BRPL	28-Mar-18	31-Jul-19	28-Aug-20	30-Sep-21	Not Issued
BYPL	28-Mar-18	31-Jul-19	28-Aug-20	30-Sep-21	Not Issued
TPDDL	28-Mar-18	31-Jul-19	28-Aug-20	30-Sep-21	Not Issued
Goa*	28-Mar-18	20-May-19	19-May-20	30-Mar-21	31-Mar-22
Goa PD	28-Mar-18	20-May-19	19-May-20	30-Mar-21	31-Mar-22
Gujarat	31-Mar-18	24-Apr-19	31-Mar-20	31-Mar-21	31-Mar-22
DGVCL	31-Mar-18	24-Apr-19	31-Mar-20	31-Mar-21	31-Mar-22
MGVCL	31-Mar-18	24-Apr-19	31-Mar-20	31-Mar-21	31-Mar-22
PGVCL	31-Mar-18	24-Apr-19	31-Mar-20	31-Mar-21	31-Mar-22
UGVCL	31-Mar-18	24-Apr-19	31-Mar-20	31-Mar-21	31-Mar-22
Haryana	15-Nov-18	07-Mar-19	01-Jun-20	30-Mar-21	30-Mar-22
DHBVNL	15-Nov-18	07-Mar-19	01-Jun-20	30-Mar-21	30-Mar-22
UHBVNL	15-Nov-18	07-Mar-19	01-Jun-20	30-Mar-21	30-Mar-22

Date of Issuance of Tariff Order (Distribution Utilities)

	Date of Issuance of Tariff Order				
	2018-19	2019-20	2020-21	2021-22	2022-23
Himachal Pradesh*	04-May-18	29-Jun-19	06-Jun-20	31-May-21	29-Mar-22
HPSEBL	04-May-18	29-Jun-19	06-Jun-20	31-May-21	29-Mar-22
J&K and Ladakh	07-Oct-16	07-Oct-16	07-Oct-16	Not Issued	13-Oct-22 & 30-Sep-22
JPDCL	07-Oct-16	07-Oct-16	07-Oct-16	Not Issued	13-Oct-22
KPDCL	07-Oct-16	07-Oct-16	07-Oct-16	Not Issued	13-Oct-22
LPDD	07-Oct-16	07-Oct-16	07-Oct-16	Not Issued	30-Sep-22
Jharkhand	27-Apr-18	28-Feb-19	01-Oct-20	Not Issued	Not Issued
JBVNL	27-Apr-18	28-Feb-19	01-Oct-20	Not Issued	Not Issued
Karnataka	14-May-18	30-May-19	04-Nov-20	09-Jun-21	04-Apr-22
BESCOM	14-May-18	30-May-19	04-Nov-20	09-Jun-21	04-Apr-22
CESCOM	14-May-18	30-May-19	04-Nov-20	09-Jun-21	04-Apr-22
GESCOM	14-May-18	30-May-19	04-Nov-20	09-Jun-21	04-Apr-22
HESCOM	14-May-18	30-May-19	04-Nov-20	09-Jun-21	04-Apr-22
MESCOM	14-May-18	30-May-19	04-Nov-20	09-Jun-21	04-Apr-22
Kerala*	27-Mar-18	08-Jul-19	08-Jul-19	08-Jul-19	25-Jun-22
KSEBL	27-Mar-18	08-Jul-19	08-Jul-19	08-Jul-19	25-Jun-22
Lakshadweep*	19-Mar-18	20-May-19	18-May-20	31-Mar-21	31-Mar-22
Lakshadweep ED	19-Mar-18	20-May-19	18-May-20	31-Mar-21	31-Mar-22
Madhya Pradesh*	03-May-18	08-Aug-19	17-Dec-20	30-Jun-21	31-Mar-22
MPMaKVCL	03-May-18	08-Aug-19	17-Dec-20	30-Jun-21	31-Mar-22
MPPaKVCL	03-May-18	08-Aug-19	17-Dec-20	30-Jun-21	31-Mar-22
MPPoKVCL	03-May-18	08-Aug-19	17-Dec-20	30-Jun-21	31-Mar-22
Maharashtra*	12-Sep-18	12-Sep-18	30-Mar-20	30-Mar-20	30-Mar-20
MSEDCL	12-Sep-18	12-Sep-18	30-Mar-20	30-Mar-20	30-Mar-20
Manipur	12-Mar-18	26-Mar-19	20-Mar-20	26-Apr-21	23-Mar-22
MSPDCL	12-Mar-18	26-Mar-19	20-Mar-20	26-Apr-21	23-Mar-22
Meghalaya	31-Mar-18	31-Mar-18	25-Mar-20	25-Mar-21	25-Mar-22
MePDCL	31-Mar-18	31-Mar-18	25-Mar-20	25-Mar-21	25-Mar-22
Mizoram	12-Mar-18	22-Mar-19	20-Mar-20	26-Mar-21	23-Mar-22
Mizoram PD	12-Mar-18	22-Mar-19	20-Mar-20	26-Mar-21	23-Mar-22
Nagaland	29-Mar-18	23-Apr-19	20-Mar-20	20-Mar-20	02-Jun-22
Nagaland PD	29-Mar-18	23-Apr-19	20-Mar-20	20-Mar-20	02-Jun-22
Odisha	22-Mar-18	29-Mar-19	22-Apr-20	26-Mar-21	24-Mar-22
TPCODL	22-Mar-18	29-Mar-19	22-Apr-20	26-Mar-21	24-Mar-22
TPNODL	22-Mar-18	29-Mar-19	22-Apr-20	26-Mar-21	24-Mar-22
TPSODL	22-Mar-18	29-Mar-19	22-Apr-20	26-Mar-21	24-Mar-22
TPWODL	22-Mar-18	29-Mar-19	22-Apr-20	26-Mar-21	24-Mar-22

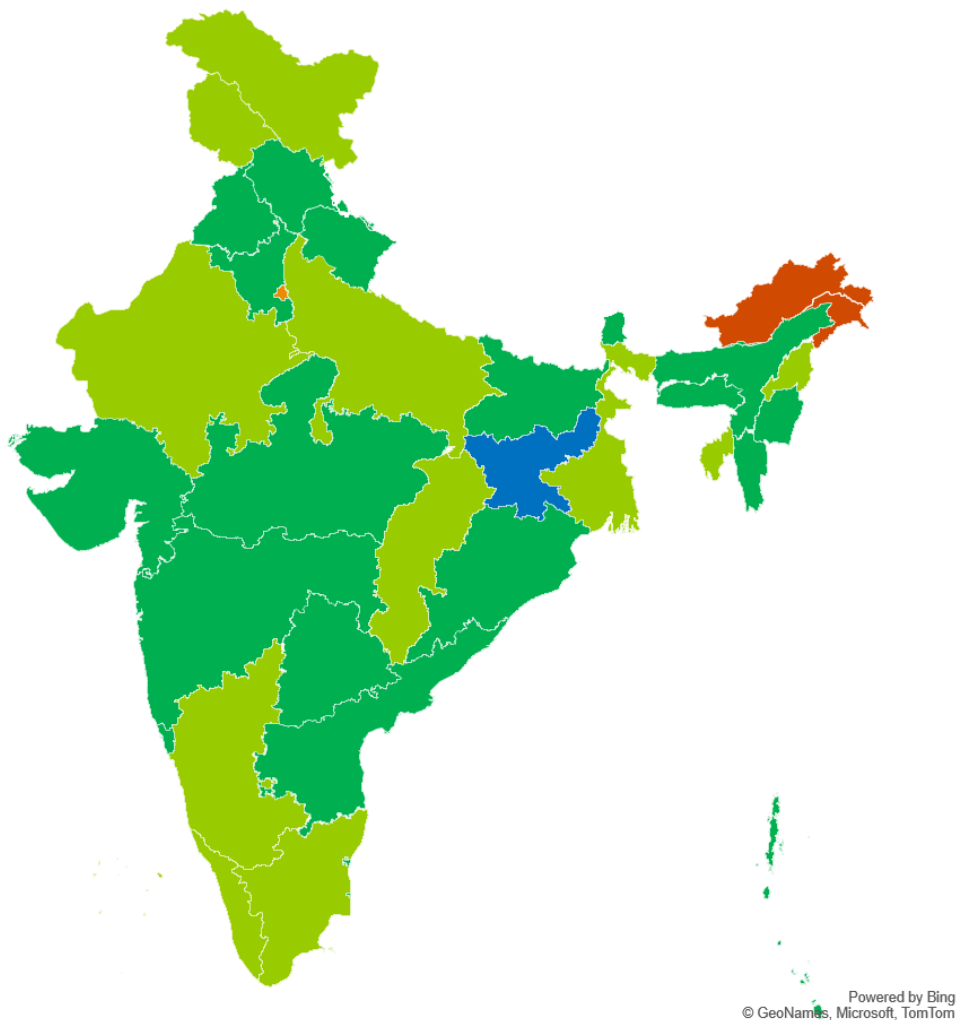
Date of Issuance of Tariff Order (Distribution Utilities)

	Date of Issuance of Tariff Order				
	2018-19	2019-20	2020-21	2021-22	2022-23
Puducherry*	28-Mar-18	20-May-19	22-Apr-20	07-Apr-21	31-Mar-22
Puducherry PD	28-Mar-18	20-May-19	22-Apr-20	07-Apr-21	31-Mar-22
Punjab	19-Apr-18	27-May-19	01-Jun-20	28-May-21	31-Mar-22
PSPCL	19-Apr-18	27-May-19	01-Jun-20	28-May-21	31-Mar-22
Rajasthan	28-May-18	06-Feb-20	24-Nov-21	24-Nov-21	01-Sep-22
AVVNL	28-May-18	06-Feb-20	24-Nov-21	24-Nov-21	01-Sep-22
JdVVNL	28-May-18	06-Feb-20	24-Nov-21	24-Nov-21	01-Sep-22
JVVNL	28-May-18	06-Feb-20	24-Nov-21	24-Nov-21	01-Sep-22
Sikkim	28-Mar-18	29-May-19	16-Mar-20	26-Feb-21	14-Mar-22
Sikkim PD	28-Mar-18	29-May-19	16-Mar-20	26-Feb-21	14-Mar-22
Tamil Nadu*	11-Aug-17	Not Issued	Not Issued	Not Issued	09-Sep-22
TANGEDCO	11-Aug-17	Not Issued	Not Issued	Not Issued	09-Sep-22
Telangana	27-Mar-18	29-Apr-20	29-Apr-20	29-Apr-20	23-Mar-22
TSNPDCL	27-Mar-18	29-Apr-20	29-Apr-20	29-Apr-20	23-Mar-22
TSSPDCL	27-Mar-18	29-Apr-20	29-Apr-20	29-Apr-20	23-Mar-22
Tripura	01-Sep-20	01-Sep-20	01-Sep-20	02-Sep-22	02-Sep-22
TSECL	01-Sep-20	01-Sep-20	01-Sep-20	02-Sep-22	02-Sep-22
Uttar Pradesh	22-Jan-19	03-Sep-19	11-Nov-20	29-Jul-21	20-Jul-22
DVVNL	22-Jan-19	03-Sep-19	11-Nov-20	29-Jul-21	20-Jul-22
KESCO	22-Jan-19	03-Sep-19	11-Nov-20	29-Jul-21	20-Jul-22
MVVNL	22-Jan-19	03-Sep-19	11-Nov-20	29-Jul-21	20-Jul-22
PaVVNL	22-Jan-19	03-Sep-19	11-Nov-20	29-Jul-21	20-Jul-22
PuVVNL	22-Jan-19	03-Sep-19	11-Nov-20	29-Jul-21	20-Jul-22
Uttarakhand*	21-Mar-18	27-Feb-19	18-Apr-20	26-Apr-21	31-Mar-22
UPCL	21-Mar-18	27-Feb-19	18-Apr-20	26-Apr-21	31-Mar-22
West Bengal	25-Aug-21	25-Aug-21	28-Mar-22	28-Mar-22	28-Jul-22
WBSEDCL	25-Aug-21	25-Aug-21	28-Mar-22	28-Mar-22	28-Jul-22

[*] Represents states issued latest order as MYT order instead of Retail Tariff orders

Date of Issuance of Tariff Order (Distribution Utilities)

Summary of findings:



Tariff Order for FY 2022-23 issued up to Mar-22	21	Andhra Pradesh, Assam, Bihar, Dadra and Nagar Haveli, Daman & Diu, Gujarat, Goa, Haryana, Himachal Pradesh, Lakshadweep, Madhya Pradesh, Maharashtra, Manipur, Meghalaya, Mizoram, Odisha, Puducherry, Punjab, Sikkim, Telangana and Uttarakhand
Tariff Order for FY 2022-23 issued during Apr to Dec-22	12	Andaman & Nicobar, Chandigarh, Chhattisgarh, Jammu & Kashmir and Ladakh, Karnataka, Kerala, Nagaland, Rajasthan, Tamil Nadu, Tripura, Uttar Pradesh and West Bengal
Tariff Order issued till FY 2021-22	01	Delhi
Tariff Order issued till FY 2020-21	01	Jharkhand
Tariff Order issued till FY 2019-20	01	Arunachal Pradesh

Date of Issuance of True-up Order (Distribution Utilities)

(Status as on 31st December 2022)

DISCOMS	Latest Tariff order date	Latest True up order date	Latest True-up (FY)
Andaman & Nicobar	01-Aug-22	10-May-22	2020-21
ED Andaman & Nicobar	01-Aug-22	10-May-22	2020-21
Andhra Pradesh	30-Mar-22	30-Mar-22	2020-21
APEPDCL	30-Mar-22	30-Mar-22	2020-21
APSPDCL	30-Mar-22	30-Mar-22	2020-21
APCPDCL	30-Mar-22	30-Mar-22	2020-21
Arunachal Pradesh	31-May-18	31-May-18	2016-17
Arunachal PD	31-May-18	31-May-18	2016-17
Assam	21-Mar-22	21-Mar-22	2020-21
APDCL	21-Mar-22	21-Mar-22	2020-21
Bihar	25-Mar-22	25-Mar-22	2020-21
NBPDCL	25-Mar-22	25-Mar-22	2020-21
SBPDCL	25-Mar-22	25-Mar-22	2020-21
Chandigarh	11-Jul-22	30-Mar-21	2019-20
Chandigarh ED	11-Jul-22	30-Mar-21	2019-20
Chhattisgarh	13-Apr-22	13-Apr-22	2020-21
CSPDCL	13-Apr-22	13-Apr-22	2020-21
Dadra & Nagar Haveli	31-Mar-22	31-Mar-22	2020-21
DNHPDCL	31-Mar-22	31-Mar-22	2020-21
Daman & Diu	31-Mar-22	31-Mar-22	2020-21
Daman & Diu ED	31-Mar-22	31-Mar-22	2020-21
Delhi	30-Sep-21	30-Sep-21	2019-20
BRPL	30-Sep-21	30-Sep-21	2019-20
BYPL	30-Sep-21	30-Sep-21	2019-20
TPDDL	30-Sep-21	30-Sep-21	2019-20
Goa	31-Mar-22	30-Mar-21	2016-17
Goa PD	31-Mar-22	30-Mar-21	2016-17
Gujarat	31-Mar-22	31-Mar-22	2020-21
DGVCL	31-Mar-22	31-Mar-22	2020-21
MGVCL	31-Mar-22	31-Mar-22	2020-21
UGVCL	31-Mar-22	31-Mar-22	2020-21

Date of Issuance of True-up Order (Distribution Utilities)

DISCOMS	Latest Tariff order date	Latest True up order date	Latest True-up (FY)
PGVCL	31-Mar-22	31-Mar-22	2020-21
Haryana	30-Mar-22	30-Mar-22	2020-21
DHBVNL	30-Mar-22	30-Mar-22	2020-21
UHBVNL	30-Mar-22	30-Mar-22	2020-21
Himachal Pradesh	29-Mar-22	29-Mar-22	2020-21
HPSEBL	29-Mar-22	29-Mar-22	2020-21
J&K and Ladakh	13-Oct-22 & 30-Sep-22	13-Oct-22 & 30-Sep-22	2019-20 & 2020-21 (Provisional)
JPDCL	13-Oct-22	13-Oct-22	2019-20 (Provisional)
KPDCL	13-Oct-22	13-Oct-22	2019-20 (Provisional)
LPDD	30-Sep-22	30-Sep-22	2019-20 & 2020-21 (Provisional)
Jharkhand	01-Oct-20	01-Oct-20	2018-19
JBVNL	01-Oct-20	01-Oct-20	2018-19
Karnataka	04-Apr-22	04-Apr-22	2020-21
BESCOM	04-Apr-22	04-Apr-22	2020-21
CESCOM	04-Apr-22	04-Apr-22	2020-21
GESCOM	04-Apr-22	04-Apr-22	2020-21
HESCOM	04-Apr-22	04-Apr-22	2020-21
MESCOM	04-Apr-22	04-Apr-22	2020-21
Kerala	25-Jun-22	24-Jun-22	2020-21
KSEBL	25-Jun-22	24-Jun-22	2020-21
Lakshadweep	31-Mar-22	31-Mar-22	2018-19
Lakshadweep ED	31-Mar-22	31-Mar-22	2018-19
Madhya Pradesh	31-Mar-22	23-Mar-22	2020-21
MPMaKVVCL	31-Mar-22	23-Mar-22	2020-21
MPPaKVVCL	31-Mar-22	23-Mar-22	2020-21
MPPoKVVCL	31-Mar-22	23-Mar-22	2020-21
Maharashtra	30-Mar-20	30-Mar-20	2019-20 (Provisional)
MSEDCL	30-Mar-20	30-Mar-20	2019-20 (Provisional)
Manipur	23-Mar-22	23-Mar-22	2020-21 (Provisional)
MSPDCL	23-Mar-22	23-Mar-22	2020-21 (Provisional)
Meghalaya	25-Mar-22	22-Feb-22	2019-20

Date of Issuance of True-up Order (Distribution Utilities)

DISCOMS	Latest Tariff order date	Latest True up order date	Latest True-up (FY)
MePDCL	25-Mar-22	22-Feb-22	2019-20
Mizoram	23-Mar-22	23-Mar-22	2020-21
Mizoram PD	23-Mar-22	23-Mar-22	2020-21
Nagaland	20-Mar-22	23-Apr-19	2014-15 (Provisional)
Nagaland PD	20-Mar-22	23-Apr-19	2014-15 (Provisional)
Odisha	24-Mar-22	23-Mar-15	2013-14
TPCODL	24-Mar-22	23-Mar-15	2013-14
TPNODL	24-Mar-22	23-Mar-15	2013-14
TPSODL	24-Mar-22	23-Mar-15	2013-14
TPWODL	24-Mar-22	23-Mar-15	2013-14
Puducherry	31-Mar-22	31-Mar-22	2020-21
Puducherry PD	31-Mar-22	31-Mar-22	2020-21
Punjab	31-Mar-22	31-Mar-22	2020-21
PSPCL	31-Mar-22	31-Mar-22	2020-21
Rajasthan	01-Sep-22	14-Jul-22	2020-21
AVVNL	01-Sep-22	14-Jul-22	2020-21
JdVVNL	01-Sep-22	14-Jul-22	2020-21
JVVNL	01-Sep-22	14-Jul-22	2020-21
Sikkim	14-Mar-22	14-Mar-22	2020-21 (Provisional)
Sikkim PD	14-Mar-22	14-Mar-22	2020-21 (Provisional)
Tamil Nadu	09-Sep-22	09-Sep-22	2020-21
TANGEDCO	09-Sep-22	09-Sep-22	2020-21
Telangana	23-Mar-22	26-Aug-17	2016-17 (Provisional)
TSNPDCL	23-Mar-22	26-Aug-17	2016-17 (Provisional)
TSSPDCL	23-Mar-22	26-Aug-17	2016-17 (Provisional)
Tripura	02-Sep-22	02-Sep-22	2019-20
TSECL	02-Sep-22	02-Sep-22	2019-20
Uttar Pradesh	20-Jul-22	20-Jul-22	2020-21
DVVNL	20-Jul-22	20-Jul-22	2020-21

Date of Issuance of True-up Order (Distribution Utilities)

DISCOMS	Latest Tariff order date	Latest True up order date	Latest True-up (FY)
KESCO	20-Jul-22	20-Jul-22	2020-21
MVVNL	20-Jul-22	20-Jul-22	2020-21
PaVVNL	20-Jul-22	20-Jul-22	2020-21
PuVVNL	20-Jul-22	20-Jul-22	2020-21
Uttarakhand	31-Mar-22	31-Mar-22	2020-21
UPCL	31-Mar-22	31-Mar-22	2020-21
West Bengal	28-Jul-22	N/A	2012-13
WBSEDCL	28-Jul-22	N/A	2012-13

Applicable Period (FY)	# States	States/UTs
2020-21	22	Andaman & Nicobar Islands, Andhra Pradesh, Assam, Bihar, Chhattisgarh, Dadra & Nagar Haveli, Daman & Diu, Gujarat, Haryana, Himachal Pradesh, Karnataka, Kerala, Ladakh (Prov.), Madhya Pradesh, Manipur (Prov.), Mizoram, Puducherry, Punjab, Rajasthan, Sikkim (Prov.), Tamil Nadu, Uttar Pradesh, and Uttarakhand
2019-20	06	Chandigarh, Delhi, Jammu & Kashmir (Prov.), Maharashtra (Prov.), Meghalaya, and Tripura
2018-19	02	Jharkhand and Lakshadweep
Till 2018	06	Arunachal Pradesh, Goa, Nagaland (Prov.), Odisha, Telangana (Prov.), and West Bengal

Date of Issuance of Tariff Order (Transmission Utilities)

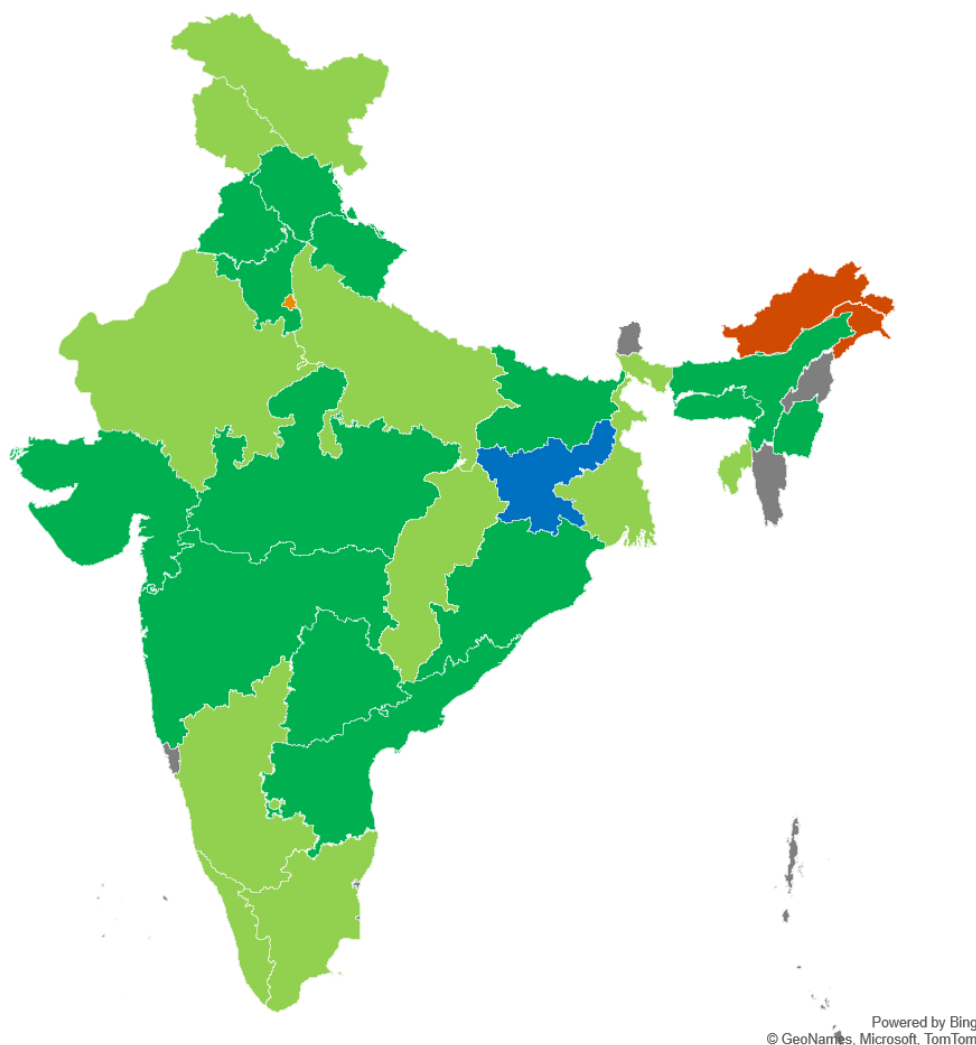
(Status as on 31st December 2022)

	Date of Issuance of Tariff Order	
	Applicable Period	Date of Issuance
Andhra Pradesh	2019-24	08-Mar-19
APTRANSCO	2019-24	08-Mar-19
Arunachal Pradesh	2018-19	07-Jun-19
Arunachal PD	2018-19	07-Jun-19
Assam	2022-23	21-Mar-22
AEGCL	2022-23	21-Mar-22
Bihar	2022-23	25-Mar-22
BSPTCL	2022-23	25-Mar-22
BGCL	2022-23	25-Mar-22
Chhattisgarh	2022-23	13-Apr-22
CSPTCL	2022-23	13-Apr-22
Dadra & Nagar Haveli	2022-23	31-Mar-22
DNHPDCL	2022-23	31-Mar-22
Delhi	2021-22	30-Sep-21
DTL	2021-22	30-Sep-21
Gujarat	2022-23	30-Mar-22
GETCO	2022-23	30-Mar-22
Haryana	2022-23	02-Mar-22
HVPNL	2022-23	02-Mar-22
Himachal Pradesh	2019-24	29-Jun-19
HPPTCL	2019-24	29-Jun-19
J&K and Ladakh	2022-23	22-Sep-22
JKPTCL	2022-23	22-Sep-22
Jharkhand	2016-21	24-Feb-18
JUSNL	2016-21	24-Feb-18
Karnataka	2023-25	04-Apr-22
KPTCL	2023-25	04-Apr-22
Kerala	2023-27	25-Jun-22
KSEBL	2023-27	25-Jun-22
Madhya Pradesh	2019-24	19-May-21
MPPTCL	2019-24	19-May-21
Maharashtra	2020-25	30-Mar-20
MSETCL	2020-25	30-Mar-20
Manipur	2022-23	23-Mar-22
MSPCL	2022-23	23-Mar-22
Meghalaya	2022-23	25-Mar-22

Date of Issuance of Tariff Order (Transmission Utilities)

	Date of Issuance of Tariff Order	
	Applicable Period	Date of Issuance
MePTCL	2022-23	25-Mar-22
Odisha	2022-23	24-Mar-22
OPTCL	2022-23	24-Mar-22
Punjab	2022-23	31-Mar-22
PSTCL	2022-23	31-Mar-22
Rajasthan	2022-23	13-Jul-22
RRVNL	2022-23	13-Jul-22
Tamil Nadu	2023-27	09-Sep-22
TANTRANSCO	2023-27	09-Sep-22
Telangana	2019-24	20-Mar-20
TSTRANSCO	2019-24	20-Mar-20
Tripura	2022-23	02-Sep-22
TSECL	2022-23	02-Sep-22
Uttar Pradesh	2022-23	20-Jul-22
UPPTCL	2022-23	20-Jul-22
Uttarakhand	2022-25	31-Mar-22
PTCUL	2022-25	31-Mar-22
West Bengal	2022-23	30-Jul-22
WBSETCL	2022-23	30-Jul-22

Date of Issuance of Tariff Order (Transmission Utilities)



Tariff Order for FY 2022-23 issued up to Mar-22	15	Andhra Pradesh, Assam, Bihar, Dadra & Nagar Haveli, Gujarat, Haryana, Himachal Pradesh, Madhya Pradesh, Maharashtra, Manipur, Meghalaya, Odisha, Punjab, Telangana, and Uttarakhand
Tariff Order for FY 2022-23 issued during Apr to Dec-22	09	Chhattisgarh, J&K and Ladakh, Karnataka, Kerala, Rajasthan, Tamil Nadu, Tripura, Uttar Pradesh and West Bengal
Tariff Order issued till FY 2021-22	01	Delhi
Tariff Order issued till FY 2020-21	01	Jharkhand
Tariff Order issued till FY 2019-20	01	Arunachal Pradesh
Exempted from issuance of Tariff Order	09	Andaman & Nicobar Islands, Chandigarh, Daman & Diu, Goa, Lakshadweep, Mizoram, Nagaland, Puducherry, and Sikkim

Date of Issuance of Tariff Order (Generation Utilities)

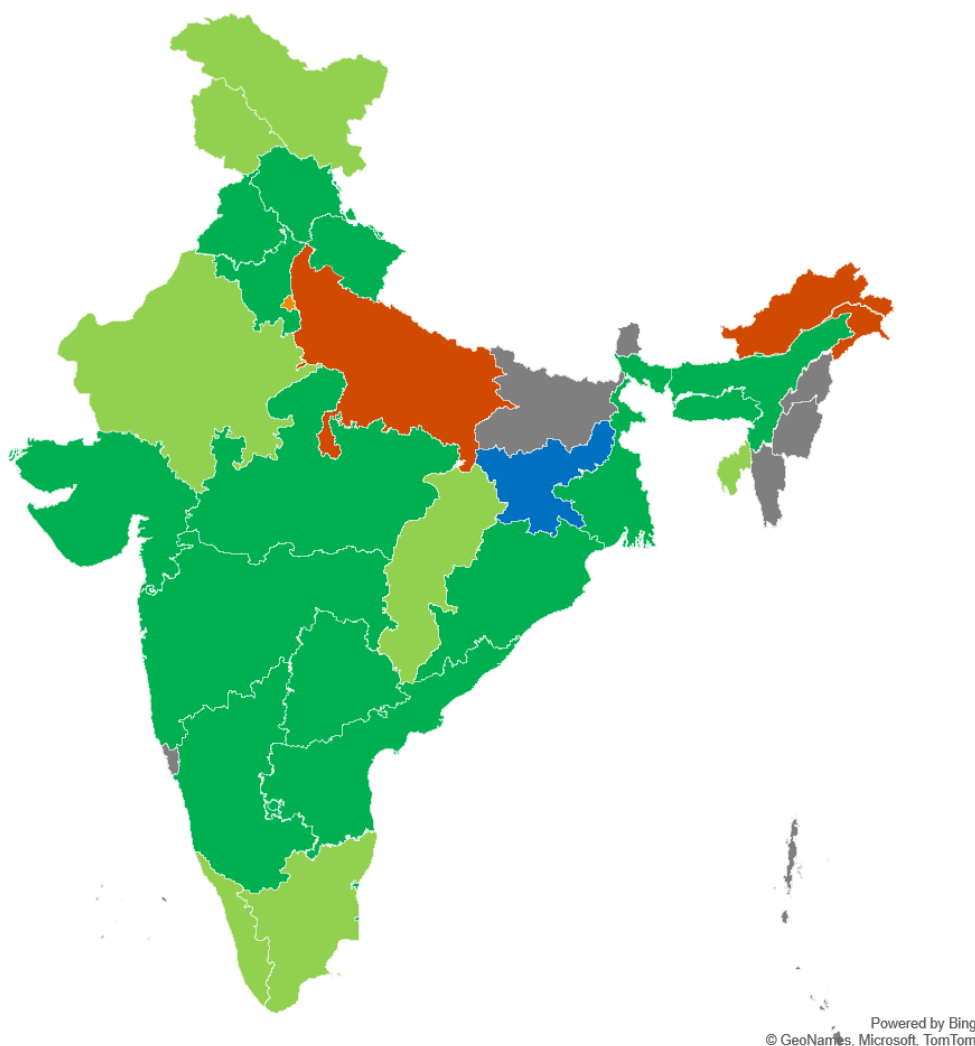
(Status as on 31st December 2022)

	Date of Issuance of Tariff Order	
	Applicable Period	Date of Issuance
Andhra Pradesh	2020-24	29-Apr-19
APGENCO	2020-24	29-Apr-19
Arunachal Pradesh	2019-20	20-Dec-19
Arunachal PD	2019-20	20-Dec-19
Assam	2022-25	21-Mar-22
APGCL	2022-25	21-Mar-22
Chhattisgarh	2022-23	13-Apr-22
CSPGCL	2022-23	13-Apr-22
Delhi	2021-22	30-Sep-21
IPGCL	2021-22	30-Sep-21
PPCL	2021-22	30-Sep-21
Gujarat	2022-23	30-Mar-22
GSECL	2022-23	30-Mar-22
Haryana	2022-23	22-Feb-22
HPGCL	2022-23	22-Feb-22
Himachal Pradesh	2020-24	11-Nov-21
HPSEB Ltd.	2020-24	11-Nov-21
J&K and Ladakh	2022-23	22-Sep-22
JKPDCL	2022-23	22-Sep-22
Jharkhand	2016-21	25-Sep-18
JUUNL	2016-21	25-Sep-18
Karnataka	2011-36	25-Feb-15
KPCL	2011-36	25-Feb-15
Kerala	2023-27	25-Jun-22
KSEBL	2023-27	25-Jun-22
Madhya Pradesh	2019-24	19-May-21
MPPGCL	2019-24	19-May-21
Maharashtra	2020-25	01-Mar-21
MSPGCL	2020-25	01-Mar-21
Meghalaya	2022-23	25-Mar-22
MePGCL	2022-23	25-Mar-22
Mizoram	2022-23	23-Mar-22
P&ED	2022-23	23-Mar-22
Odisha	2022-23	24-Mar-22
OHPC	2022-23	24-Mar-22
OPGCL	2022-23	24-Mar-22
Puducherry	2022-23	31-Mar-22
PPCL	2022-23	31-Mar-22

Date of Issuance of Tariff Order (Generation Utilities)

	Date of Issuance of Tariff Order	
	Applicable Period	Date of Issuance
Punjab	2022-23	31-Mar-22
PSPCL	2022-23	31-Mar-22
Rajasthan	2022-23	23-Jun-22
RRVUNL	2022-23	23-Jun-22
Tamil Nadu	2023-27	09-Sep-22
TANGEDCO	2023-27	09-Sep-22
Telangana	2019-24	22-Mar-22
TSGENCO	2020-24	22-Mar-22
Tripura	2022-23	02-Sep-22
TPGL	2022-23	02-Sep-22
Uttar Pradesh	2014-19	03-Jul-18 & 29-Apr-16
UPJVNL	2014-19	03-Jul-18
UPRVUNL	2014-19	29-Apr-16
Uttarakhand	2022-25	31-Mar-22
UJVNL	2022-25	31-Mar-22
West Bengal	2021-23 & 2022-23	08-Oct-21 & 28-Mar-22
WBPDCL	2021-23	08-Oct-21
WBSSEDCL	2022-23	28-Mar-22

Date of Issuance of Tariff Order (Generation Utilities)



Tariff Order for FY 2022-23 issued up to Mar-22	16	Andhra Pradesh, Assam, Gujarat, Haryana, Himachal Pradesh, Karnataka, Madhya Pradesh, Maharashtra, Meghalaya, Mizoram, Odisha, Puducherry, Punjab, Telangana, Uttarakhand and West Bengal
Tariff Order for FY 2022-23 issued during Apr to Dec-22	06	Chhattisgarh, J&K and Ladakh, Kerala, Rajasthan, Tamil Nadu and Tripura
Tariff Order issued till FY 2021-22	01	Delhi
Tariff Order issued till FY 2020-21	01	Jharkhand
Tariff Order issued till FY 2019-20	02	Arunachal Pradesh, and Uttar Pradesh
Exempted from issuance of Tariff Order	10	Andaman & Nicobar Islands, Bihar, Chandigarh, Dadra & Nagar Haveli, Daman & Diu, Goa, Lakshadweep, Manipur, Nagaland, and Sikkim



SECTION 2

DISTRIBUTION LOSSES



Distribution Losses

(Figures in %)

	2019-20		2020-21		2021-22	2022-23
	Dist. Loss (Approved)	Dist. Loss (Actual)	Dist. Loss (Approved)	Dist. Loss (Actuals)	Dist. Loss (Approved)	Dist. Loss (Approved)
Andaman & Nicobar	14.34	21.98	13.84	28.33	13.34	15.91
ED Andaman & Nicobar	14.34	21.98	13.84	28.33	13.34	15.91
Andhra Pradesh	8.80	10.03	10.28	8.88	10.05	9.73
APEPDCL	8.21	8.94	9.28	9.04	8.90	8.55
APSPDCL	9.15	10.67	10.87	7.69	10.68	10.15
APCPDCL	NA	NA	10.87	10.59	10.77	10.90
Arunachal Pradesh	N/A	45.71	N/A	N/A	N/A	N/A
Arunachal PD	N/A	45.71	N/A	N/A	N/A	N/A
Assam	16.00	19.06	15.50	18.55	15.00	15.00
APDCL	16.00	19.06	15.50	18.55	15.00	15.00
Bihar	15.00	25.99	15.00	25.23	15.00	15.00
NBPDCL	15.00	22.16	15.00	23.34	15.00	15.00
SBPDCL	15.00	28.90	15.00	26.72	15.00	15.00
Chandigarh	9.40	11.91	9.30	N/A	9.20	8.80
Chandigarh ED	9.40	11.91	9.30	N/A	9.20	8.80
Chhattisgarh	14.73	19.27	16.00	18.50	16.00	15.67
CSPDCL	14.73	19.27	16.00	18.50	16.00	15.67
Dadra & Nagar Haveli	4.30	3.47	4.20	3.62	4.10	3.20
DNHPDCL	4.30	3.47	4.20	3.62	4.10	3.20
Daman & Diu	6.70	4.07	6.60	4.48	6.50	3.77
Daman & Diu ED	6.70	4.07	6.60	4.48	6.50	3.77
Delhi	9.24	7.08	8.25	N/A	8.11	N/A
BRPL	9.50	7.16	8.10	N/A	8.00	N/A
BYPL	10.50	7.35	9.00	N/A	8.75	N/A
TPDDL	8.00	6.78	7.90	N/A	7.80	N/A
Goa	10.75	12.00	10.50	N/A	10.25	10.25
Goa PD	10.75	12.00	10.50	N/A	10.25	10.25
Gujarat	12.62	10.40	12.31	11.56	10.92	10.38
DGVCL	9.90	3.04*	9.80	7.40	6.50	6.50
MGVCL	11.60	9.15	11.55	9.96	9.00	9.00
PGVCL	17.00	17.85	16.00	17.86	16.00	16.00
UGVCL	9.70	6.73	9.60	6.76	9.00	7.00
Haryana	14.14	16.33	18.44	17.05	15.00	14.00
DHBVNL	14.14	14.37	16.53	16.93	14.00	14.00
UHBVNL	14.14	19.01	21.23	17.20	16.00	14.00
Himachal Pradesh	10.30	12.04	10.10	13.95	9.90	9.70
HPSEBL	10.30	12.04	10.10	13.95	9.90	9.70

Distribution Losses

(Figures in %)

	2019-20		2020-21		2021-22	2022-23
	Dist. Loss (Approved)	Dist. Loss (Actual)	Dist. Loss (Approved)	Dist. Loss (Actuals)	Dist. Loss (Approved)	Dist. Loss (Approved)
J&K and Ladakh	15.00	50.11	14.00	N/A	N/A	30%
JPDCCL	15.00	50.11	14.00	N/A	N/A	26%
KPDCL	N/A	N/A	N/A	N/A	N/A	34%
LPDD	N/A	N/A	N/A	N/A	N/A	32%
Jharkhand	14.00	22.46	13.00	N/A	N/A	N/A
JBVNL	14.00	22.46	13.00	N/A	N/A	N/A
Karnataka	12.95	12.04	12.27	11.94	11.29	10.85
BESCOM	12.25	11.99	11.50	11.63	11.00	10.50
CESCOM	12.70	11.12	11.50	12.75	10.75	10.70
GESCOM	14.89	11.22	11.00	11.72	10.75	10.50
HESCOM	14.40	14.10	13.75	13.25	13.50	12.75
MESCOM	11.00	10.07	9.67	9.86	9.27	9.10
Kerala	12.42	12.09	12.02	10.37	11.62	11.22
KSEBL	12.42	12.09	12.02	10.37	11.62	11.22
Lakshadweep	12.75	14.13	12.50	N/A	12.25	11.25
Lakshadweep ED	12.75	14.13	12.50	N/A	12.25	11.25
Madhya Pradesh	15.92	20.18	15.94	20.00	16.00	15.69
MPMaKVCL	17.00	28.03	17.00	28.69	17.00	16.75
MPPaKVCL	15.00	11.10	15.00	12.71	14.00	14.75
MPPoKVCL	16.00	22.52	16.00	29.19	16.00	15.75
Maharashtra	13.26	18.26	18.00	N/A	16.00	14.00
MSEDCL	13.26	18.26	18.00	N/A	16.00	14.00
Manipur	15.00	21.22	21.19	21.86	20.50	21.64
MSPDCL	15.00	21.22	21.19	21.86	20.50	21.64
Meghalaya	12.19	29.88	12.00	N/A	12.00	12.00
MePDCL	12.19	29.88	12.00	N/A	12.00	12.00
Mizoram	16.52	20.66	19.64	29.05	18.16	17.83
Mizoram PD	16.52	20.66	19.64	29.05	18.16	17.83
Nagaland	21.00	52.93	20.75	N/A	20.50	20.25
Nagaland PD	21.00	52.93	20.75	N/A	20.50	20.25
Odisha	21.28	20.65	21.36	24.17	21.24	21.25
TPCODL	23.00	23.15	23.00	25.90	22.93	22.93
TPNODL	18.35	17.12	18.35	20.63	18.35	18.35
TPSODL	25.50	24.47	25.00	23.07	25.00	25.00
TPWODL	19.60	18.73	19.60	25.07	19.60	19.60
Puducherry	12.50	12.75	11.75	12.11	11.00	11.00
Puducherry PD	12.50	12.75	11.75	12.11	11.00	11.00
Punjab	11.54	14.35	11.24	12.99	10.94	12.04

Distribution Losses

(Figures in %)

	2019-20		2020-21		2021-22	2022-23
	Dist. Loss (Approved)	Dist. Loss (Actual)	Dist. Loss (Approved)	Dist. Loss (Actuals)	Dist. Loss (Approved)	Dist. Loss (Approved)
PSPCL	11.54	14.35	11.24	12.99	10.94	12.04
Rajasthan	15.00	17.23	15.00	20.14	15.00	14.88
AVVNL	15.00	14.48	15.00	15.67	15.00	14.60
JdVVNL	15.00	19.38	15.00	23.34	15.00	15.00
JVVNL	15.00	17.21	15.00	20.33	15.00	15.00
Sikkim	22.00	28.77	20.00	25.92	20.00	18.00
Sikkim PD	22.00	28.77	20.00	25.92	20.00	18.00
Tamil Nadu	N/A	11.25	N/A	11.65	11.50	11.00
TANGEDCO	N/A	11.25	N/A	11.65	11.50	11.00
Telangana	N/A	7.95	N/A	N/A	N/A	10.09
TSNPDCL	11.90	9.04	11.81	N/A	11.72	10.70
TSSPDCL	12.31	7.43	12.22	N/A	12.13	9.84
Tripura	17.02	30.04	27.71	N/A	14.89	14.89
TSECL	17.02	30.04	27.71	N/A	14.89	14.89
Uttar Pradesh	11.96	20.15	11.54	20.63	11.08	10.67
DVVNL	12.10	22.16	11.80	25.90	11.33	10.90
KESCO	11.80	7.76	8.42	10.45	8.25	8.12
MVVNL	11.80	22.59	11.51	20.22	11.04	10.63
PaVVNL	11.80	18.11	11.51	17.85	11.04	10.63
PuVVNL	12.20	20.47	11.83	20.65	11.36	10.93
Uttarakhand	14.25	14.34	14.00	14.64	13.75	13.50
UPCL	14.25	14.34	14.00	14.64	13.75	13.50
West Bengal	17.50	18.57	17.50	N/A	17.50	17.50
WBSEDCL	17.50	18.57	17.50	N/A	17.50	17.50

Note:

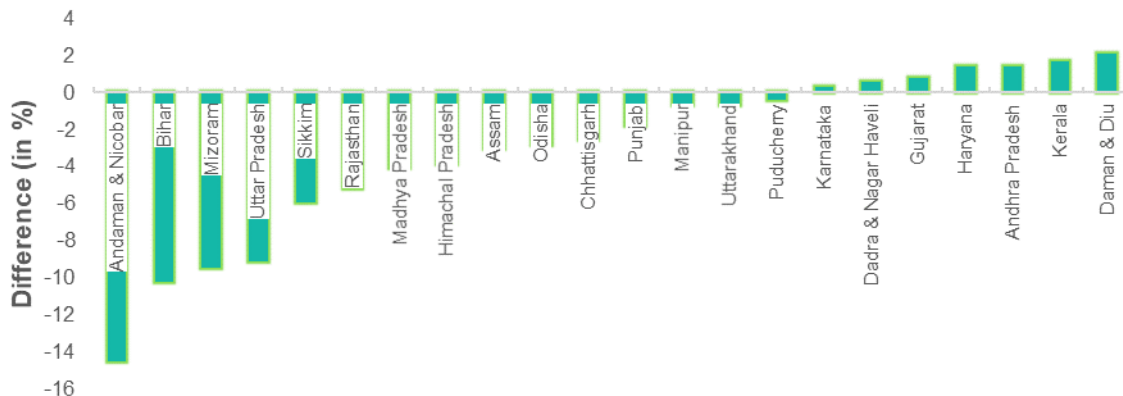
1. Due to substantial numbers of Industrial consumers of DGVCL having consumption of about 70-75% of total sales. The covid-19 situation caused nation-wide lockdown; Govt. of Gujarat had also announced lockdown. These facts have resulted into reduced consumption by industrial consumers and thereby resulted in abnormal loss reduction.

Distribution Losses

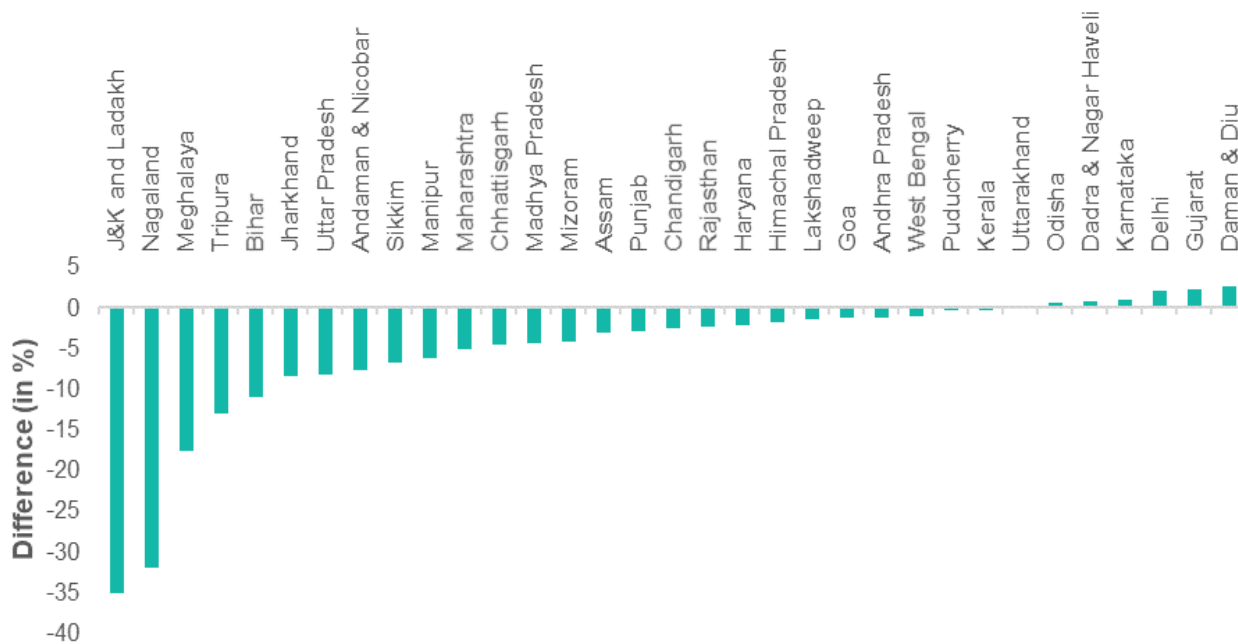
(Figures in %)

Summary of findings

Difference of Approved vs Actual Distribution Loss | 2020-21



Difference of Approved vs Actual Distribution Loss | 2019-20



- The graphs highlight the comparative figures between actual and approved figures of Distribution losses.



SECTION 3

AVERAGE BILLING RATE



Average Billing Rate

(Figures in Rs/kW)

	2019-20		2020-21		2021-22	2022-23
	Approved	Actual	Approved	Actual	Approved	Approved
Andaman & Nicobar	6.27	6.34	6.90	6.74	6.63	7.05
EDAN	6.27	6.34	6.90	6.74	6.63	7.05
Andhra Pradesh	5.99	6.54	6.50	5.27	6.37	5.44
APEPDCL	5.81	6.38	6.41	5.51	6.42	5.71
APSPDCL	6.09	6.63	6.75	4.73	6.18	5.07
APCPDCL	NA	NA	NA	5.82	6.62	5.63
Arunachal Pradesh	N/A	N/A	N/A	N/A	N/A	N/A
Arunachal PD	N/A	N/A	N/A	N/A	N/A	N/A
Assam	7.05	7.76	7.87	7.94	7.71	7.54
APDCL	7.05	7.76	7.87	7.94	7.71	7.54
Bihar	7.14	7.23	7.05	7.16	7.38	7.30
NBPDCL	6.85	7.14	6.94	7.01	7.21	7.21
SBPDCL	7.41	7.31	7.16	7.29	7.53	7.37
Chandigarh	5.44	5.34	5.53	N/A	5.10	5.18
CED	5.44	5.34	5.53	N/A	5.10	5.18
Chhattisgarh	6.07	6.66	5.93	6.71	6.29	6.08
CSPDCL	6.07	6.66	5.93	6.71	6.29	6.08
Dadra & Nagar Haveli	4.69	5.36	5.37	5.48	5.11	5.28
DNHPDCL	4.69	5.36	5.37	5.48	5.11	5.28
Daman & Diu	4.18	4.46	4.90	5.13	4.90	4.91
Daman & Diu ED	4.18	4.46	4.90	5.13	4.90	4.91
Delhi	7.16	7.47	7.41	N/A	7.72	N/A
BRPL	7.11	7.33	7.41	N/A	8.62	N/A
BYPL	6.98	7.24	7.05	N/A	7.48	N/A
TPDDL	7.36	7.84	7.69	N/A	6.91	N/A
Goa	4.73	N/A	4.75	N/A	4.70	4.77
Goa PD	4.73	N/A	4.75	N/A	4.70	4.77
Gujarat	5.81	5.96	5.87	6.19	6.23	6.32
DGVCL	6.57	6.97	6.64	6.98	6.94	7.11
MGVCL	6.06	6.49	6.11	6.49	6.53	6.62
PGVCL	5.66	6.11	5.72	6.11	6.15	6.17
UGVCL	5.25	4.91	5.32	5.55	5.57	5.68
Haryana	7.05	4.43	7.23	5.11	6.78	6.64
DHBVNL	7.05	5.26	7.23	3.75	6.78	N/A
UHBVNL	7.05	3.59	7.23	6.99	6.78	N/A
Himachal Pradesh	5.36	6.15	5.18	5.36	5.18	5.85
HPSEBL	5.36	6.15	5.18	5.36	5.18	5.85
J&K and Ladakh	N/A	N/A	N/A	N/A	N/A	4.56
JPDCL	N/A	N/A	N/A	N/A	N/A	5.09
KPDCL	N/A	N/A	N/A	N/A	N/A	3.89
LPDD	N/A	N/A	N/A	N/A	N/A	5.11
Jharkhand	6.10	N/A	6.53	N/A	N/A	N/A

Average Billing Rate

(Figures in Rs/kW)

	2019-20		2020-21		2021-22	2022-23
	Approved	Actual	Approved	Actual	Approved	Approved
JBVNL	6.10	N/A	6.53	N/A	N/A	N/A
Karnataka	7.20	7.31	7.93	7.46	8.12	8.08
BESCOM	7.37	7.61	8.30	7.79	8.42	8.35
CHESCOM	6.93	6.81	7.46	6.91	7.61	7.76
GESCOM	7.02	7.12	7.64	7.40	7.74	7.76
HESCOM	7.08	7.07	7.76	7.13	8.00	7.96
MESCOM	7.13	7.16	7.28	7.30	7.94	7.78
Kerala	5.75	6.16	5.78	6.15	5.80	6.45
KSEBL	5.75	6.16	5.78	6.15	5.80	6.45
Lakshadweep	4.76	N/A	4.76	N/A	4.79	5.27
LED	4.76	N/A	4.76	N/A	4.79	5.27
Madhya Pradesh	6.59	6.79	6.51	6.83	6.60	6.68
MPMaKVVCL	6.69	6.99	6.26	6.94	7.31	6.78
MPPaKVVCL	6.53	6.81	6.64	6.84	5.80	6.61
MPPoKVVCL	6.57	6.57	6.60	6.68	6.85	6.66
Maharashtra	6.68	7.38	7.92	N/A	7.94	7.96
MSEDCL	6.68	7.38	7.92	N/A	7.94	7.96
Manipur	9.31	8.08	9.11	6.40	11.02	11.22
MSPDCL	9.31	8.08	9.11	6.40	11.02	11.22
Meghalaya	N/A	4.42	6.76	N/A	6.37	6.51
MePDCL	N/A	4.42	6.76	N/A	6.37	6.51
Mizoram	5.86	9.77	8.85	13.26	7.65	8.60
Mizoram PD	5.86	9.77	8.85	13.26	7.65	8.60
Nagaland	8.67	N/A	10.19	N/A	N/A	8.56
NPD	8.67	N/A	10.19	N/A	N/A	8.56
Odisha	4.77	N/A	4.82	N/A	5.29	5.50
TPCODL	4.80	N/A	4.90	N/A	5.36	5.66
TPNODL	4.86	N/A	4.90	N/A	5.30	5.50
TPSODL	4.40	N/A	4.43	N/A	4.95	5.14
TPWODL	4.85	N/A	4.86	N/A	5.36	5.51
Puducherry	5.69	5.60	5.85	5.68	5.82	5.68
PED	5.69	5.60	5.85	5.68	5.82	5.68
Punjab	6.54	8.72	6.50	6.40	6.48	6.47
PSPCL	6.54	8.72	6.50	6.40	6.48	6.47
Rajasthan	7.90	7.65	7.54	7.69	7.51	7.46
AVVNL	8.51	8.28	7.66	7.83	7.61	7.65
JdVVNL	7.05	7.17	7.14	7.47	7.10	7.08
JVVNL	8.16	7.62	7.81	7.79	7.78	7.64
Sikkim	4.26	4.22	4.15	4.70	4.46	4.19
Sikkim PD	4.26	4.22	4.15	4.70	4.46	4.19
Tamil Nadu	N/A	5.72	N/A	5.50	6.26	6.90
TANGEDCO	N/A	5.72	N/A	5.50	6.26	6.90
Telangana	N/A	N/A	N/A	N/A	N/A	4.97
TSNPDCL	N/A	N/A	N/A	N/A	N/A	3.89

Average Billing Rate

(Figures in Rs/kW)

	2019-20		2020-21		2021-22	2022-23
	Approved	Actual	Approved	Actual	Approved	Approved
TSSPDCL	N/A	N/A	N/A	N/A	N/A	5.43
Tripura	4.85	6.24	5.84	N/A	6.14	6.16
TSECL	4.85	6.24	5.84	N/A	6.14	6.16
Uttar Pradesh	7.38	7.01	7.55	6.98	6.36	7.72
DVVNL	6.60	6.69	7.28	6.60	6.05	7.65
KESCO	8.16	7.94	8.27	8.39	8.11	8.01
MVVNL	7.99	7.48	7.75	7.51	6.56	7.83
PaVVNL	7.28	6.81	7.49	7.11	6.43	7.76
PuVVNL	7.58	7.03	7.58	6.52	6.12	7.59
Uttarakhand	5.32	5.42	5.61	5.43	5.80	5.89
UPCL	5.32	5.42	5.61	5.43	5.80	5.89
West Bengal	6.64	N/A	7.12	N/A	7.12	7.12
WBSEDCL	6.64	N/A	7.12	N/A	7.12	7.12

Notes:

- Approved and Actual Values are as per tariff/ true up order issued by the respective SERCs/JERCs.
- State level aggregation is based on average of DISCOM level values weighted against corresponding energy sales.
- ABR has been estimated by dividing revenue from sale of power at approved tariff and approved subsidy with estimated energy sale.
- ABR values include subsidy booked.
- For Manipur, the revenue has grown at 13% CAGR during the period FY-20 to FY-23. While the total sales (in MU) have increased marginally by 6% CAGR for the same period leading to the considerable increase in ABR during FY-22 and FY-23
- In case of Haryana, details for Average Billing Rate (ABR) calculations are not provided separately for DHBVNL and UHBVNL

Difference in Approved and Actual Average Billing Rate

(Figures in Rs/kWh)

	Difference in Approved and Actual Average Billing Rate								
	2018-19			2019-20			2020-21		
	Approved	Actual	Difference	Approved	Actual	Difference	Approved	Actual	Difference
Andaman & Nicobar	6.15	6.04	0.33	6.27	6.34	-0.07	6.90	6.74	0.16
EDAN	6.15	6.04	0.33	6.27	6.34	-0.07	6.90	6.74	0.16
Andhra Pradesh	5.84	5.00	0.84	5.99	6.54	-0.55	6.50	5.27	1.23
APEPDCL	5.77	5.11	0.66	5.81	6.38	-0.57	6.41	5.51	0.90
APSPDCL	5.89	4.94	0.95	6.09	6.63	-0.54	6.75	4.73	2.02
APCPDCL	NA	NA	NA	NA	NA	NA	NA	5.82	NA
Arunachal Pradesh	13.30	N/A	NA	N/A	NA	NA	N/A	NA	NA
APDA	13.30	N/A	NA	N/A	NA	NA	N/A	NA	NA
Assam	7.22	6.64	0.58	7.05	7.76	-0.71	7.87	7.94	-0.07
APDCL	7.22	6.64	0.58	7.05	7.76	-0.71	7.87	7.94	-0.07
Bihar	4.88	4.72	0.16	7.14	7.23	-0.09	7.05	7.16	-0.11
NBPDCL	4.59	4.40	0.19	6.85	7.14	-0.29	6.94	7.01	-0.07
SBPDCL	4.73	5.00	-0.27	7.41	7.31	0.10	7.16	7.29	-0.13
Chandigarh	4.88	4.61	0.27	5.44	5.34	0.10	5.53	N/A	NA
CED	4.88	4.61	0.27	5.44	5.34	0.10	5.53	N/A	NA
Chhattisgarh	4.84	4.05	0.79	6.07	6.66	-0.59	5.93	6.71	-0.78
CSPDCL	4.84	4.05	0.79	6.07	6.66	-0.59	5.93	6.71	-0.78
Dadra & Nagar Haveli	4.68	4.98	-0.30	4.69	5.36	-0.67	5.37	5.48	-0.11
DNHPDCL	4.68	4.98	-0.30	4.69	5.36	-0.67	5.37	5.48	-0.11
Daman & Diu	3.99	3.88	0.11	4.18	4.46	-0.28	4.90	5.13	-0.23
DDED	3.99	3.88	0.11	4.18	4.46	-0.28	4.90	5.13	-0.23
Delhi	7.56	6.85	0.71	7.16	7.47	-0.31	7.41	N/A	NA
BRPL	7.52	7.25	0.27	7.11	7.33	-0.22	7.41	N/A	NA
BYPL	7.47	6.85	0.62	6.98	7.24	-0.26	7.05	N/A	NA
TPDDL	7.67	6.38	1.29	7.36	7.84	-0.48	7.69	N/A	NA
Goa	4.49	N/A	NA	4.73	N/A	NA	4.75	N/A	NA
Goa PD	4.49	N/A	NA	4.73	N/A	NA	4.75	N/A	NA
Gujarat	5.85	5.00	0.85	5.81	5.96	-0.15	5.87	6.19	-0.32
DGVCL	6.61	6.43	0.18	6.57	6.97	-0.40	6.64	6.98	-0.34
MGVCL	6.26	5.52	0.74	6.06	6.49	-0.43	6.11	6.49	-0.38
PGVCL	5.61	4.83	0.78	5.66	6.11	-0.45	5.72	6.11	-0.39
UGVCL	5.20	3.80	1.40	5.25	4.91	0.34	5.32	5.55	-0.23
Haryana	7.06	4.99	2.07	7.05	4.43	2.62	7.23	5.11	2.12
DHBVNL	7.06	4.71	2.35	7.05	5.26	1.79	7.23	3.75	3.48
UHBVNL	7.06	5.43	1.63	7.05	3.59	3.46	7.23	6.99	0.24
Himachal Pradesh	5.34	5.09	0.25	5.36	6.15	-0.79	5.18	5.36	-0.18

Difference in Approved and Actual Average Billing Rate

(Figures in Rs/kWh)

	Difference in Approved and Actual Average Billing Rate								
	2018-19			2019-20			2020-21		
	Approved	Actual	Difference	Approved	Actual	Difference	Approved	Actual	Difference
HPSEBL	5.34	5.09	0.25	5.36	6.15	-0.79	5.18	5.36	-0.18
J&K and Ladakh	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
JPDCCL	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
KPDCL	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
LPDD	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Jharkhand	3.20	4.37	-1.17	6.10	N/A	N/A	6.53	N/A	N/A
JBVNL	3.20	4.37	-1.17	6.10	N/A	N/A	6.53	N/A	N/A
Karnataka	4.77	4.68	0.09	7.20	7.31	-0.11	7.93	7.46	0.47
BESCOM	5.72	5.90	-0.18	7.37	7.61	-0.24	8.30	7.79	0.51
CHESCOM	3.77	3.74	0.03	6.93	6.81	0.12	7.46	6.91	0.55
GESCOM	3.90	3.86	0.04	7.02	7.12	-0.10	7.64	7.40	0.24
HESCOM	2.65	2.75	-0.10	7.08	7.07	0.01	7.76	7.13	0.63
MESCOM	4.91	4.84	0.07	7.13	7.16	-0.03	7.28	7.30	-0.02
Kerala	5.34	5.80	-0.46	5.75	6.16	-0.41	5.78	6.15	-0.37
KSEBL	5.34	5.80	-0.46	5.75	6.16	-0.41	5.78	6.15	-0.37
Lakshadweep	5.81	4.65	1.16	4.42	N/A	NA	4.76	N/A	NA
LED	5.81	4.65	1.16	4.42	N/A	NA	4.76	N/A	NA
Madhya Pradesh	6.03	6.23	-0.20	6.59	6.79	-0.20	6.51	6.83	-0.32
MPMaKVVCL	6.08	6.04	0.04	6.69	6.99	-0.30	6.52	6.94	-0.42
MPPaKVVCL	6.02	6.17	-0.15	6.53	6.81	-0.28	6.64	6.84	-0.20
MPPoKVVCL	6.00	6.01	-0.01	6.57	6.57	0.00	6.34	6.68	-0.34
Maharashtra	6.63	7.09	-0.46	6.68	7.38	-0.70	7.28	N/A	NA
MSEDCL	6.63	7.09	-0.46	6.68	7.38	-0.70	7.28	N/A	NA
Manipur	10.88	9.57	1.31	9.31	8.08	1.23	9.11	6.40	2.71
MSPDCL	10.88	9.57	1.31	9.31	8.08	1.23	9.11	6.40	2.71
Meghalaya	6.54	6.03	0.51	N/A	4.42	NA	6.76	N/A	NA
MePDCL	6.54	6.03	0.51	N/A	4.42	NA	6.76	N/A	NA
Mizoram	6.36	8.76	-2.40	5.86	9.77	-3.91	8.85	13.26	-4.41
Mizoram PD	6.36	8.76	-2.40	5.86	9.77	-3.91	8.85	13.26	-4.41
Nagaland	8.29	N/A	NA	8.67	N/A	NA	10.19	N/A	NA
NPD	8.29	N/A	NA	8.67	N/A	NA	10.19	N/A	NA
Odisha	4.69	N/A	NA	4.77	N/A	NA	4.82	N/A	NA
TPCODL	4.74	N/A	NA	4.80	N/A	NA	4.90	N/A	NA
TPNODL	4.81	N/A	NA	4.86	N/A	NA	4.90	N/A	NA
TPSODL	4.30	N/A	NA	4.40	N/A	NA	4.43	N/A	NA
TPWODL	4.70	N/A	NA	4.85	N/A	NA	4.86	N/A	NA
Puducherry	5.25	5.46	-0.21	5.69	5.60	0.09	5.85	5.68	0.17

Difference in Approved and Actual Average Billing Rate

(Figures in Rs/kWh)

	Difference in Approved and Actual Average Billing Rate								
	2018-19			2019-20			2020-21		
	Approved	Actual	Difference	Approved	Actual	Difference	Approved	Actual	Difference
PED	5.25	5.46	-0.21	5.69	5.60	0.09	5.85	5.68	0.17
Punjab	6.39	6.23	0.16	6.54	8.72	-2.18	6.50	6.40	0.10
PSPCL	6.39	6.23	0.16	6.54	8.72	-2.18	6.50	6.40	0.10
Rajasthan	6.96	6.83	0.13	7.90	7.65	0.25	7.54	7.69	-0.15
AVVNL	7.18	7.42	-0.24	8.51	8.28	0.23	7.66	7.83	-0.17
JdVVNL	6.44	6.32	0.12	7.05	7.17	-0.12	7.14	7.47	-0.33
JVVNL	7.27	7.03	0.24	8.16	7.62	0.54	7.81	7.79	0.02
Sikkim	4.90	4.67	0.23	4.26	4.22	0.04	4.15	4.70	-0.55
Sikkim PD	4.90	4.67	0.23	4.26	4.22	0.04	4.15	4.70	-0.55
Tamil Nadu	6.14	5.72	0.42	N/A	5.72	NA	N/A	5.50	NA
TANGEDCO	6.14	5.72	0.42	N/A	5.72	NA	N/A	5.50	NA
Telangana	4.90	N/A	NA	N/A	N/A	NA	N/A	N/A	NA
TSNPDC	3.59	N/A	NA	N/A	N/A	NA	N/A	N/A	NA
TSSPDCL	5.50	N/A	NA	N/A	N/A	NA	N/A	N/A	NA
Tripura	4.80	5.78	-0.98	4.85	6.24	-1.39	5.84	N/A	NA
TSECL	4.80	5.78	-0.98	4.85	6.24	-1.39	5.84	N/A	NA
Uttar Pradesh	6.91	6.72	0.19	7.38	7.01	0.37	7.55	6.98	0.57
DVVNL	6.61	6.54	0.07	6.60	6.69	-0.09	7.28	6.60	0.68
KESCO	7.77	7.72	0.05	8.16	7.94	0.22	8.27	8.39	-0.12
MVVNL	7.06	6.90	0.16	7.99	7.48	0.51	7.75	7.51	0.24
PaVVNL	6.90	6.87	0.03	7.28	6.81	0.47	7.49	7.11	0.38
PuVVNL	6.95	7.16	-0.21	7.58	7.03	0.55	7.58	6.52	1.06
Uttarakhand	5.06	5.04	0.02	5.32	5.42	-0.10	5.61	5.43	0.18
UPCL	5.06	5.04	0.02	5.32	5.42	-0.10	5.61	5.43	0.18
West Bengal	7.01	N/A	NA	6.64	N/A	NA	7.12	N/A	NA
WBSEDCL	7.01	N/A	NA	6.64	N/A	NA	7.12	N/A	NA

Notes:

- A.** Change in ABR for a year has been estimated by comparing approved ABR for the current year with approved ABR of the previous year. ABR values are inclusive of tariff subsidy, wherever applicable.

Difference in Approved and Actual Average Billing Rate

(Figures in Rs/kWh)

Difference b/w Approved and Actual Average Billing Rate		2018-19		2019-20		2020-21	
	+VE	Andaman & Nicobar	Lakshadweep	Chandigarh		Andaman & Nicobar	
		Andhra Pradesh	Manipur	Haryana		Andhra Pradesh	
		Assam	Meghalaya	Manipur		Haryana	
		Bihar	Punjab	Puducherry		Karnataka	
		Chandigarh	Rajasthan	Rajasthan		Manipur	
		Chhattisgarh	Sikkim	Sikkim		Puducherry	
		Daman & Diu	Tamil Nadu	Uttar Pradesh		Punjab	
		Delhi	Uttar Pradesh			Uttarakhand	
		Gujarat	Uttarakhand			Uttar Pradesh	
		Haryana					
		Himachal Pradesh					
	-VE	Dadra & Nagar Haveli		Andaman & Nicobar	Himachal Pradesh	Assam	Madhya Pradesh
		Jharkhand		Andhra Pradesh	Karnataka	Bihar	Mizoram
		Kerala		Assam	Kerala	Chhattisgarh	Rajasthan
		Maharashtra		Bihar	Madhya Pradesh	Dadra & Nagar Haveli	Sikkim
		Madhya Pradesh		Chhattisgarh	Maharashtra	Daman & Diu	
		Mizoram		Dadra & Nagar Haveli	Mizoram	Gujarat	
		Puducherry		Daman & Diu	Punjab	Himachal Pradesh	
		Tripura		Delhi	Tripura	Kerala	
				Gujarat	Uttarakhand		



SECTION 4

AVERAGE COST OF SUPPLY >>>>>

Average Cost of Supply

(Figures in Rs/kWh)

	2019-20		2020-21		2021-22	2022-23
	Approved	Actual	Approved	Actual	Approved	Approved
Andaman & Nicobar	25.36	27.34	27.39	28.72	29.52	35.92
EDAN	25.36	27.34	27.39	28.72	29.52	35.92
Andhra Pradesh	5.99	--	6.73	7.01	6.33	6.98
APEPDCL	5.81	--	6.59	7.11	6.39	6.72
APSPDCL	6.09	--	6.82	7.05	6.13	7.18
APCPDCL	NA	--	NA	6.80	6.59	7.09
Arunachal Pradesh	--	--	--	--	--	--
APDA	--	--	--	--	--	--
Assam	6.73	8.02	7.07	7.80	7.40	7.52
APDCL	6.73	8.02	7.07	7.80	7.40	7.52
Bihar	6.57	7.92	7.05	7.24	7.38	7.22
NBPDCL	5.53	7.42	6.96	7.31	6.04	7.40
SBPDCL	7.51	8.36	7.13	7.18	8.53	7.07
Chandigarh	5.12	4.98	4.99	--	5.05	5.17
CED	5.12	4.98	4.99	--	5.05	5.17
Chhattisgarh	6.07	6.56	5.93	6.92	5.32	6.22
CSPDCL	6.07	6.56	5.93	6.92	5.32	6.22
Dadra & Nagar Haveli	4.93	5.75	5.18	5.13	5.17	5.17
DNHPDCL	4.93	5.75	5.18	5.13	5.17	5.17
Daman & Diu	4.67	5.09	5.02	5.15	4.99	5.20
DDED	4.67	5.09	5.02	5.15	4.99	5.20
Delhi	7.12	7.68	7.39	--	7.67	--
BRPL	7.11	7.64	7.38	--	8.57	--
BYPL	6.86	7.04	7.03	--	7.42	--
TPDDL	7.32	8.20	7.68	--	6.85	--
Goa	5.56	--	5.57	--	5.63	5.68
Goa PD	5.56	--	5.57	--	5.63	5.68
Gujarat	5.91	6.06	5.97	6.19	6.10	6.16
DGVCL	6.48	6.64	6.85	7.11	7.02	6.87
MGVCL	6.07	6.17	6.16	6.43	6.34	6.52
PGVCL	5.89	6.15	5.85	6.15	5.94	5.92
UGVCL	5.39	5.40	5.29	5.43	5.37	5.65
Haryana	6.89	7.13	7.49	6.43	6.79	6.74
DHBVNL	6.69	6.99	7.25	6.20	6.66	6.71
UHBVNL	7.20	7.32	7.84	6.75	6.98	6.77
Himachal Pradesh	5.36	6.07	5.18	5.05	5.18	6.27
HPSEBL	5.36	6.07	5.18	5.05	5.18	6.27
J&K and Ladakh	5.28	--	5.22	--	--	6.91
JPDCL	5.28	--	5.22	--	--	6.38
KPDCL	5.28	--	5.22	--	--	7.49
LPDD	5.28	--	5.22	--	--	8.30
Jharkhand	6.51	--	6.39	--	--	--
JBVNL	6.51	--	6.39	--	--	--
Karnataka	7.20	7.51	7.77	8.03	8.12	8.43
BESCOM	7.37	8.18	8.14	8.30	8.42	8.70
CHESCOM	6.93	6.52	7.3	7.63	7.61	8.11
GESCOM	7.02	7.41	7.47	7.76	7.74	8.11
HESCOM	7.08	6.51	7.60	7.74	8.00	8.31
MESCOM	7.13	7.44	7.13	8.24	7.94	8.13

Average Cost of Supply

(Figures in Rs/kWh)

	2019-20		2020-21		2021-22	2022-23
	Approved	Actual	Approved	Actual	Approved	Approved
Kerala	6.10	6.22	6.17	6.18	6.20	6.93
KSEBL	6.10	6.22	6.17	6.18	6.20	6.93
Lakshadweep	25.66	--	27.55	--	31.21	32.83
LED	25.66	--	27.55	--	31.21	32.83
Madhya Pradesh	6.59	6.79	6.51	6.83	6.60	6.42
MPMaKVVCL	6.69	6.99	6.52	6.94	7.31	6.25
MPPaKVVCL	6.53	6.81	6.64	6.84	5.80	6.81
MPPoKVVCL	6.57	6.57	6.34	6.68	6.85	6.05
Maharashtra	7.03	7.39	7.51	--	7.10	7.02
MSEDCL	7.03	7.39	7.51	--	7.10	7.02
Manipur	10.51	10.64	9.33	10.05	11.9	11.33
MSPDCL	10.51	10.64	9.33	10.05	11.9	11.33
Meghalaya	7.8	7.06	7.76	--	5.75	4.99
MePDCL	7.8	7.06	7.76	--	5.75	4.99
Mizoram	5.86	7.35	8.85	11.15	7.65	9.46
Mizoram PD	5.86	7.35	8.85	11.15	7.65	9.46
Nagaland	8.67	--	10.40	--	10.20	8.85
NPD	8.67	--	10.40	--	10.20	8.85
Odisha	4.77	--	4.79	--	5.25	5.48
TPCODL	4.80	--	4.87	--	5.36	5.66
TPNODL	4.86	--	4.86	--	5.30	5.49
TPSODL	4.40	--	4.41	--	4.95	5.13
TPWODL	4.85	--	4.81	--	5.25	5.46
Puducherry	5.70	6.38	5.89	5.74	5.78	5.68
PED	5.70	6.38	5.89	5.74	5.78	5.68
Punjab	6.45	6.36	6.63	6.35	6.56	6.76
PSPCL	6.45	6.36	6.63	6.35	6.56	6.76
Rajasthan	8.04	7.43	7.76	8.50	7.66	7.66
AVVNL	8.08	8.01	7.78	8.34	7.71	7.41
JdVVNL	8.14	7.04	7.78	8.41	7.74	7.83
JVVNL	7.92	7.37	7.73	8.72	7.55	7.71
Sikkim	4.26	6.13	4.34	4.87	5.59	5.03
Sikkim PD	4.26	6.13	4.34	4.87	5.59	5.03
Tamil Nadu	--	7.95	--	8.32	8.08	8.35
TANGEDCO	--	7.95	--	8.32	8.08	8.35
Telangana	--	--	--	--	--	7.03
TSNPDCCL	--	--	--	--	--	7.57
TSSPDCL	--	--	--	--	--	6.80
Tripura	4.89	8.66	5.00	--	--	6.90
TSECL	4.89	8.66	5.00	--	--	6.90
Uttar Pradesh	7.35	6.98	7.05	6.77	6.32	7.53
DVVNL	7.24	7.03	6.81	6.40	6.02	7.46
KESCO	7.07	6.86	7.77	8.09	8.06	7.78
MVVNL	7.72	6.93	7.23	7.27	6.52	7.64
PaVVNL	6.99	6.79	7.00	6.90	6.39	7.56
PuVVNL	7.66	7.23	7.08	6.33	6.08	7.41
Uttarakhand	5.28	5.94	5.53	5.48	5.76	5.90
UPCL	5.28	5.94	5.53	5.48	5.76	5.90
West Bengal	6.87	--	6.98	--	6.97	6.97

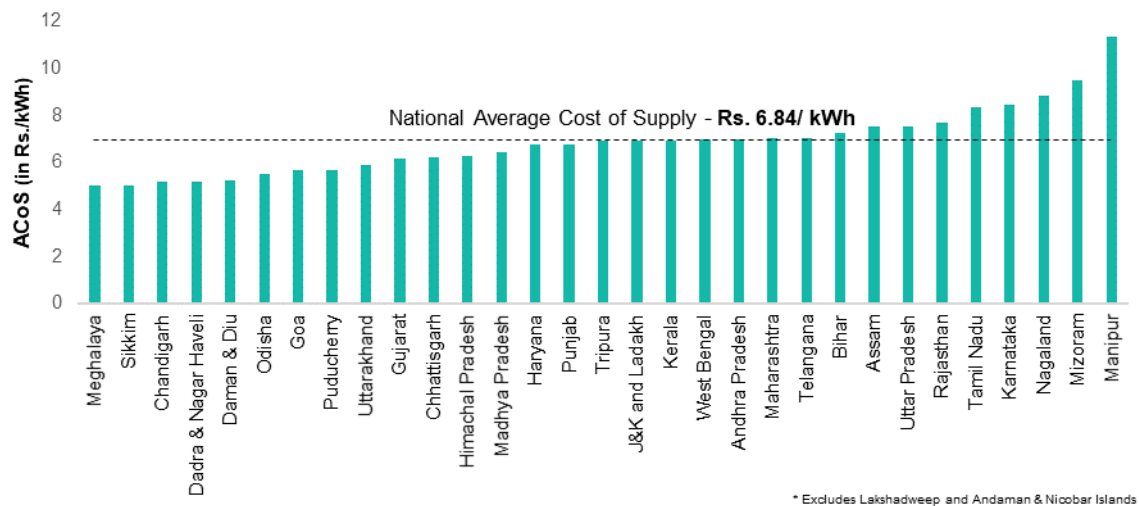
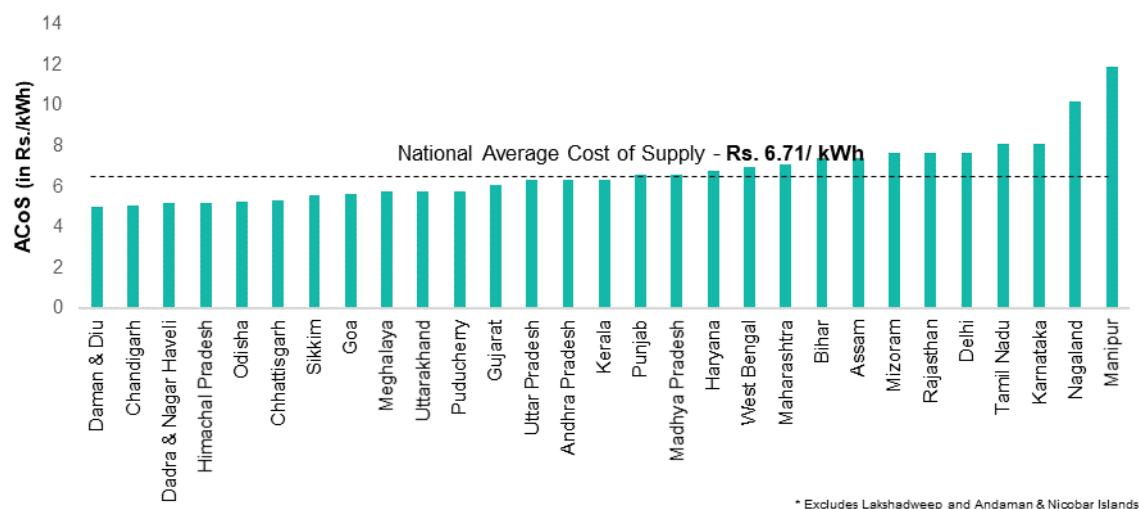
Average Cost of Supply

(Figures in Rs/kWh)

	2019-20		2020-21		2021-22	2022-23
	Approved	Actual	Approved	Actual	Approved	Approved
WBSEDCL	6.87	--	6.98	--	6.97	6.97

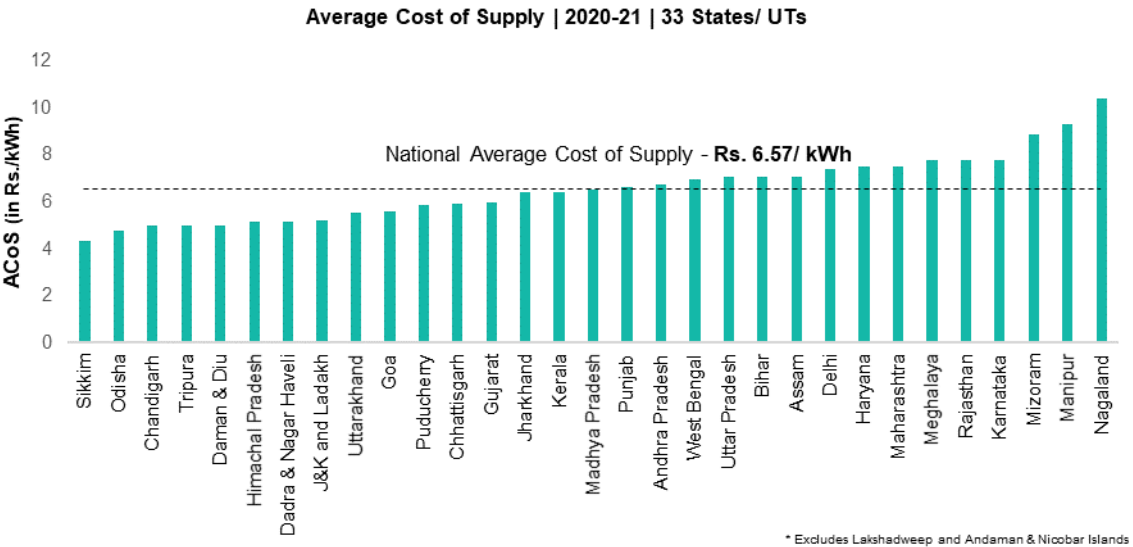
Notes:

- Approved and Actual Values are as per tariff/ true up order issued by the respective SERCs/JERCs
- State level aggregation is based on average of DISCOM level values weighted against energy sales.
- For Mizoram, the quantum of surplus power sold in open market reduced from 269 MU in 2019-20 to 97 MU in 2020-21 leading to reduction in overall sales quantum and increase of Approved ACoS during 2020-21

Average Cost of Supply | 2022-23 | 32 States/ UTs**Average Cost of Supply | 2021-22 | 31 States/ UTs**

Average Cost of Supply

(Figures in Rs/kWh)



Difference in Approved and Actual Average Cost of Supply

(Figures in Rs/kWh)

	Difference in Approved and Actual Average Cost of Supply								
	2018-19			2019-20			2020-21		
	Approved	Actual	Difference	Approved	Actual	Difference	Approved	Actual	Difference
Andaman & Nicobar	23.76	25.67	-1.91	25.36	27.34	-1.98	27.39	28.72	-1.33
EDAN	23.76	25.67	-1.91	25.36	27.34	-1.98	27.39	28.72	-1.33
Andhra Pradesh	5.84	6.55	-0.71	5.99	--	NA	6.73	7.01	-0.28
APEPDCL	5.77	6.74	-0.97	5.81	--	NA	6.59	7.11	-0.52
APSPDCL	5.89	6.01	-0.12	6.09	--	NA	6.82	7.05	-0.23
APCPDCL	NA	NA	NA	NA	NA	NA	NA	6.80	NA
Arunachal Pradesh	13.40	N/A	NA	N/A	NA	NA	N/A	NA	NA
APDA	13.40	N/A	NA	N/A	NA	NA	N/A	NA	NA
Assam	6.68	6.58	0.10	6.73	8.02	-1.29	7.07	7.80	-0.73
APDCL	6.68	6.58	0.10	6.73	8.02	-1.29	7.07	7.80	-0.73
Bihar	7.35	7.21	0.14	6.57	7.92	-1.35	7.05	7.24	-0.19
NBPDCL	7.18	7.07	0.11	5.53	7.42	-1.89	6.94	7.31	-0.37
SBPDCL	7.49	7.30	0.19	7.51	8.36	-0.85	7.16	7.18	-0.02
Chandigarh	5.11	5.57	-0.46	5.12	4.98	0.14	4.99	N/A	NA
CED	5.11	5.57	-0.46	5.12	4.98	0.14	4.99	N/A	NA
Chhattisgarh	6.20	6.11	0.09	6.07	6.56	-0.49	5.93	6.92	-0.99
CSPDCL	6.20	6.11	0.09	6.07	6.56	-0.49	5.93	6.92	-0.99
Dadra & Nagar Haveli	4.38	5.04	-0.66	4.93	5.75	-0.82	5.18	5.13	0.05
DNHPDCL	4.38	5.04	-0.66	4.93	5.75	-0.82	5.18	5.13	0.05
Daman & Diu	4.22	3.28	0.94	4.67	5.09	-0.42	5.02	5.15	-0.13
DDED	4.22	3.28	0.94	4.67	5.09	-0.42	5.02	5.15	-0.13
Delhi	7.41	7.24	0.17	7.12	7.68	-0.56	7.39	N/A	NA
BRPL	7.47	7.32	0.15	7.11	7.64	-0.53	7.38	N/A	NA
BYPL	7.41	7.71	-0.30	6.86	7.04	-0.18	7.03	N/A	NA
TPDDL	7.34	7.45	-0.11	7.32	8.20	-0.88	7.68	N/A	NA
Goa	5.36	N/A	NA	5.56	N/A	NA	5.57	N/A	NA
Goa PD	5.36	N/A	NA	5.56	N/A	NA	5.57	N/A	NA
Gujarat	5.80	5.91	-0.11	5.91	6.06	-0.15	5.97	6.19	-0.22
DGVCL	6.63	6.32	0.31	6.48	6.64	-0.16	6.85	7.11	-0.26
MGVCL	6.18	6.23	-0.05	6.07	6.17	-0.10	6.16	6.43	-0.27
PGVCL	5.55	5.89	-0.34	5.89	6.15	-0.26	5.85	6.15	-0.30
UGVCL	5.13	5.22	-0.09	5.39	5.40	-0.01	5.29	5.43	-0.14
Haryana	6.97	6.99	-0.02	6.89	7.13	-0.24	7.49	6.43	1.06
DHBVNL	6.78	7.01	-0.23	6.69	6.99	-0.30	7.25	6.20	1.05
UHBVNL	7.32	7.02	0.30	7.20	7.32	-0.12	7.84	6.75	1.09

Difference in Approved and Actual Average Cost of Supply

(Figures in Rs/kWh)

	Difference in Approved and Actual Average Cost of Supply								
	2018-19			2019-20			2020-21		
	Approved	Actual	Difference	Approved	Actual	Difference	Approved	Actual	Difference
Himachal Pradesh	5.33	5.24	0.09	5.36	6.07	-0.71	5.18	5.05	0.13
HPSEBL	5.33	5.24	0.09	5.36	6.07	-0.71	5.18	5.05	0.13
J&K and Ladakh	5.84	N/A	NA	5.28	N/A	NA	5.22	N/A	NA
JKPDD	5.84	N/A	NA	5.28	N/A	NA	5.22	N/A	NA
KPDCL	5.84	N/A	NA	5.28	N/A	NA	5.22	N/A	NA
LPDD	5.84	N/A	NA	5.28	N/A	NA	5.22	N/A	NA
Jharkhand	5.86	5.67	0.19	6.51	N/A	NA	6.39	N/A	NA
JBVNL	5.86	5.67	0.19	6.51	N/A	NA	6.39	N/A	NA
Karnataka	6.75	7.35	-0.60	7.20	7.51	-0.31	7.77	8.03	-0.26
BESCOM	6.80	7.89	-1.09	7.37	8.18	-0.81	8.14	8.30	-0.16
CHESCOM	6.37	6.66	-0.29	6.93	6.52	0.41	7.30	7.63	-0.33
GESCOM	6.74	6.89	-0.15	7.02	7.41	-0.39	7.47	7.76	-0.29
HESCOM	6.80	7.19	-0.39	7.08	6.51	0.57	7.60	7.74	-0.14
MESCOM	6.86	6.24	0.62	7.13	7.44	-0.31	7.13	8.24	-1.11
Kerala	6.11	6.56	-0.45	6.10	6.22	-0.12	6.17	6.18	-0.01
KSEBL	6.11	6.56	-0.45	6.10	6.22	-0.12	6.17	6.18	-0.01
Lakshadweep	19.56	22.45	-2.89	25.66	N/A	NA	27.55	N/A	NA
LED	19.56	22.45	-2.89	25.66	N/A	NA	27.55	N/A	NA
Madhya Pradesh	6.03	5.97	0.06	6.59	6.79	-0.20	6.51	6.83	-0.32
MPMaKVVCL	6.08	6.05	0.03	6.69	6.99	-0.30	6.52	6.94	-0.42
MPPaKVVCL	6.02	5.92	0.10	6.53	6.81	-0.28	6.64	6.84	-0.20
MPPoKVVCL	6.00	5.89	0.11	6.57	6.57	0.00	6.34	6.68	-0.34
Maharashtra	6.67	6.55	0.12	7.03	7.39	-0.36	7.51	N/A	NA
MSDCL	6.67	6.55	0.12	7.03	7.39	-0.36	7.51	N/A	NA
Manipur	12.00	11.74	0.26	10.51	10.64	-0.13	9.33	10.05	-0.72
MSPDCL	12.00	11.74	0.26	10.51	10.64	-0.13	9.33	10.05	-0.72
Meghalaya	7.65	7.21	0.44	7.80	7.06	0.74	7.76	N/A	NA
MePDCL	7.65	7.21	0.44	7.80	7.06	0.74	7.76	N/A	NA
Mizoram	6.35	8.31	-1.96	5.86	7.35	-1.49	8.85	11.15	-2.30
Mizoram PD	6.35	8.31	-1.96	5.86	7.35	-1.49	8.85	11.15	-2.30
Nagaland	8.29	N/A	NA	8.67	N/A	NA	10.40	N/A	NA
NPD	8.29	N/A	NA	8.67	N/A	NA	10.40	N/A	NA
Odisha	4.68	N/A	NA	4.77	N/A	NA	4.79	N/A	NA
TPCODL	4.73	N/A	NA	4.80	N/A	NA	4.87	N/A	NA
TPNODL	4.78	N/A	NA	4.86	N/A	NA	4.86	N/A	NA
TPSODL	4.30	N/A	NA	4.40	N/A	NA	4.41	N/A	NA

Difference in Approved and Actual Average Cost of Supply

(Figures in Rs/kWh)

	Difference in Approved and Actual Average Cost of Supply								
	2018-19			2019-20			2020-21		
	Approved	Actual	Difference	Approved	Actual	Difference	Approved	Actual	Difference
TPWODL	4.70	N/A	NA	4.85	N/A	NA	4.81	N/A	NA
Puducherry	5.28	5.64	-0.36	5.70	6.38	-0.68	5.89	5.74	0.15
PED	5.28	5.64	-0.36	5.70	6.38	-0.68	5.89	5.74	0.15
Punjab	5.74	5.33	0.41	6.45	6.36	0.09	6.63	6.35	0.28
PSPCL	5.74	5.33	0.41	6.45	6.36	0.09	6.63	6.35	0.28
Rajasthan	7.04	7.66	-0.62	8.04	7.43	0.61	7.76	8.50	-0.74
AVVNL	7.19	6.89	0.30	8.08	8.01	0.07	7.78	8.34	-0.56
JdVVNL	6.97	6.45	0.52	8.14	7.04	1.10	7.78	8.41	-0.63
JVVNL	6.99	6.43	0.56	7.92	7.37	0.55	7.73	8.72	-0.99
Sikkim	4.89	5.33	-0.44	4.26	6.13	-1.87	4.34	4.87	-0.53
Sikkim PD	4.89	5.33	-0.44	4.26	6.13	-1.87	4.34	4.87	-0.53
Tamil Nadu	5.84	N/A	NA	N/A	7.95	NA	N/A	8.32	NA
TANGEDCO	5.84	N/A	NA	N/A	7.95	NA	N/A	8.32	NA
Telangana	6.02	N/A	NA	--	N/A	NA	--	N/A	NA
TSNPDCL	6.29	N/A	NA	--	N/A	NA	--	N/A	NA
TSSPDCL	5.90	N/A	NA	--	N/A	NA	--	N/A	NA
Tripura	4.89	N/A	NA	4.89	8.66	-3.77	5.00	N/A	NA
TSECL	4.89	N/A	NA	4.89	8.66	-3.77	5.00	N/A	NA
Uttar Pradesh	6.17	6.03	0.14	7.35	6.98	0.37	7.05	6.77	0.28
DVVNL	6.69	6.59	0.10	7.24	7.03	0.21	6.81	6.40	0.41
KESCO	5.11	4.89	0.22	7.07	6.86	0.21	7.77	8.09	-0.32
MVVNL	6.98	7.11	-0.13	7.72	6.93	0.79	7.23	7.27	-0.04
PaVVNL	5.21	5.03	0.18	6.99	6.79	0.20	7.00	6.90	0.10
PuVVNL	6.46	6.23	0.23	7.66	7.23	0.43	7.08	6.33	0.75
Uttarakhand	5.05	4.89	0.16	5.28	5.94	-0.66	5.53	5.48	0.05
UPCL	5.05	4.89	0.16	5.28	5.94	-0.66	5.53	5.48	0.05
West Bengal	6.75	N/A	NA	6.87	N/A	NA	6.98	N/A	NA
WBSEDCL	6.75	N/A	NA	6.87	N/A	NA	6.98	N/A	NA

Difference in Approved and Actual Average Cost of Supply

(Figures in Rs/kWh)

Difference b/w Approved and Actual Average Cost of Supply		2018-19		2019-20		2020-21	
	+VE	Assam Bihar Chhattisgarh Daman & Diu Delhi Himachal Pradesh Jharkhand	Madhya Pradesh Maharashtra Manipur Meghalaya Punjab Uttar Pradesh Uttarakhand	Chandigarh Meghalaya Punjab Rajasthan Uttar Pradesh		Dadra & Nagar Haveli Haryana Himachal Pradesh Puducherry Punjab Uttar Pradesh Uttarakhand	
	-VE	Andaman & Nicobar Andhra Pradesh Chandigarh Dadra & Nagar Haveli Gujarat Haryana Karnataka Kerala Lakshadweep	Mizoram Puducherry Rajasthan Sikkim	Andaman & Nicobar Assam Bihar Chhattisgarh Dadra & Nagar Haveli Daman & Diu Delhi Gujarat Haryana Himachal Pradesh	Karnataka Kerala Madhya Pradesh Maharashtra Manipur Mizoram Puducherry Sikkim Tripura Uttarakhand	Andaman & Nicobar Andhra Pradesh Assam Bihar Chhattisgarh Daman & Diu Gujarat Karnataka Kerala Madhya Pradesh	Manipur Mizoram Rajasthan Sikkim



SECTION 5

REPRESENTATIVE TARIFFS



Representative Tariffs

(Figures in Rs/kWh)

#	Tariff Applicable from	Applicable Period (FY)	Domestic (3KW, 100 Units per month)						
			State	Energy Charges	Fixed Charges	Electrical Duty	Total	Govt Subsidy	Effective Rate
1	01-Aug-22	2022-23	Andaman & Nicobar*	2.50	0.45	0.00	2.95		2.95
2	01-Apr-22	2022-23	Andhra Pradesh*	3.05	0.30	0.06	3.41		3.41
3	01-Jun-18	2018-19	Arunachal Pradesh*	4.00	0.00	0.00	4.00		4.00
4	01-Apr-22	2022-23	Assam	5.30	1.80	0.20	7.30		7.30
5	01-Apr-22	2022-23	Bihar ¹	6.25	0.60	0.38	7.23		7.23
6	01-Jul-22	2022-23	Chandigarh	2.75	0.45	0.09	3.29		3.29
7	01-Apr-22	2022-23	Chhattisgarh*	3.70	0.60	0.30	4.60		4.60
8	01-Apr-22	2022-23	Dadra & Nagar Haveli	1.95	0.30	0.00	2.25		2.25
9	01-Apr-22	2022-23	Daman & Diu	1.40	0.20	0.00	1.60		1.60
10	01-Oct-21	2021-22	Delhi	3.00	1.50	0.15	4.65		4.65
11	01-Apr-22	2022-23	Goa*	1.60	0.60	0.20	2.40		2.40
12	01-Apr-22	2022-23	Gujarat	3.28	0.25	0.49	4.02		4.02
13	01-Apr-22	2022-23	Haryana*	2.25	0.00	0.10	2.35		2.35
14	01-Apr-22	2022-23	Himachal Pradesh*	4.15	0.85	0.12	5.12	2.30	2.82
15	13-Oct-22	2022-23	J&K and Ladakh*	2.00	0.24	0.30	2.54		2.54
16	01-Oct-20	2020-21	Jharkhand	6.25	0.75	0.00	7.20		7.20
17	01-Apr-22	2022-23	Karnataka*	4.88	3.20	0.29	8.37		8.37
18	25-Jun-22	2022-23	Kerala	3.55	0.90	0.36	4.81		4.81
19	01-Apr-22	2022-23	Lakshadweep*	1.60	0.60	0.00	2.20		2.20
20	01-Apr-22	2022-23	Madhya Pradesh	4.69	0.55	0.42	5.66		5.66
21	01-Apr-22	2022-23	Maharashtra	4.71	1.05	0.75	6.51		6.51
22	01-Apr-22	2022-23	Manipur*	5.10	1.95	0.00	7.05		7.05
23	01-Apr-22	2022-23	Meghalaya	4.10	1.80	0.05	5.95		5.95
24	01-Apr-22	2022-23	Mizoram*	4.90	1.50	0.00	6.40		6.40
25	01-Jul-22	2022-23	Nagaland*	5.45	0.00	0.00	5.45		5.45
26	01-Apr-22	2022-23	Odisha	3.90	0.60	0.16	4.66		4.66

Representative Tariffs

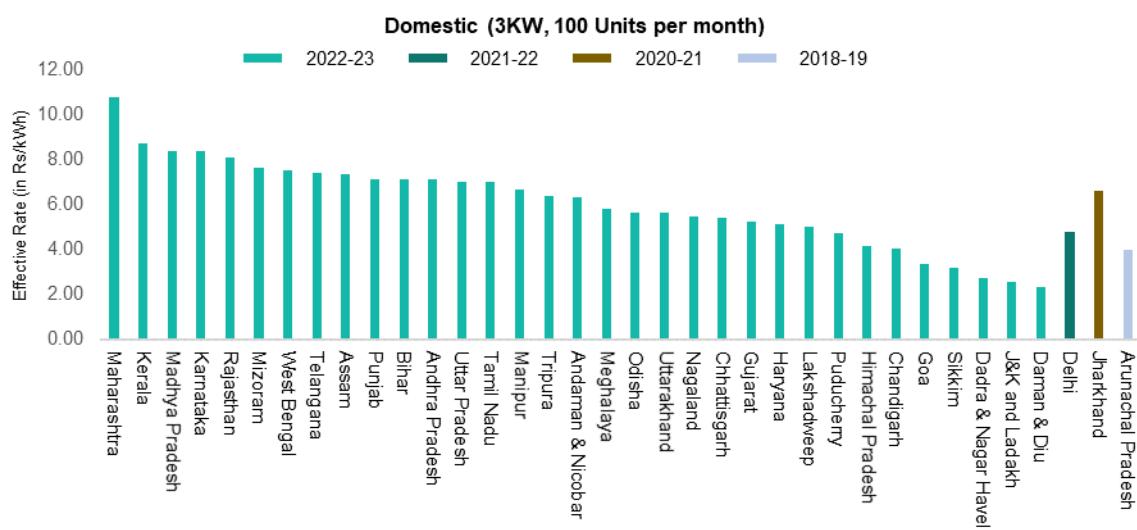
(Figures in Rs/kWh)

#	Tariff Applicable from	Applicable Period (FY)	Domestic (3KW, 100 Units per month)						Effective Rate
			State	Energy Charges	Fixed Charges	Electrical Duty	Total	Govt Subsidy	
27	01-Apr-22	2022-23	Puducherry	1.90	0.90	0.00	2.80		2.80
28	01-Apr-22	2022-23	Punjab*	3.74	1.80	0.49	6.03		6.03
29	01-Sep-22	2022-23	Rajasthan	5.63	2.30	0.40	8.33		8.33
30	01-Apr-22	2022-23	Sikkim	1.50	0.50	0.00	2.00		2.00
31	10-Sep-22	2022-23	Tamil Nadu*	4.50	0.00	0.00	4.50		4.50
32	01-Apr-22	2022-23	Telangana*	2.53	0.30	0.06	2.89		2.89
33	01-Sep-22	2022-23	Tripura*	5.41	0.50	0.00	5.91		5.91
34	27-Jul-22	2022-23	Uttar Pradesh*	3.35	2.70	0.17	6.22		6.22
35	01-Apr-22	2022-23	Uttarakhand	2.90	2.10	0.15	5.15		5.15
36	28-Jul-22	2022-23	West Bengal	5.49	0.54	0.00	6.03		6.03

Notes:

[*] The state has provided subsidy in bulk and subsidy has been included in the energy charges

[1] BERC has approved the retail tariff for 2022-23 without considering Government Subsidy as direct subsidy is expected to be announced by the Government of Bihar.



Representative Tariffs

(Figures in Rs/kWh)

# #	Tariff Applicable from	Applicable Period	Domestic (3KW, 500 Units per month)						
			State	Energy Charges	Fixed Charges	Electrical Duty	Total	Govt Subsidy	Effective Rate
1	01-Aug-22	2022-23	Andaman & Nicobar	6.27	0.03	0.00	6.30		6.30
2	01-Apr-22	2022-23	Andhra Pradesh*	7.05	0.06	0.00	7.11		7.11
3	01-Jun-18	2018-19	Arunachal Pradesh*	4.00	0.00	0.00	4.00		4.00
4	01-Apr-22	2022-23	Assam	6.81	0.36	0.20	7.37		7.37
5	01-Apr-22	2022-23	Bihar ¹	6.61	0.12	0.40	7.13		7.13
6	01-Jul-22	2022-23	Chandigarh	3.88	0.09	0.09	4.06		4.06
7	01-Apr-22	2022-23	Chhattisgarh*	4.90	0.12	0.39	5.41		5.41
8	01-Apr-22	2022-23	Dadra & Nagar Haveli*	2.65	0.06	0.00	2.71		2.71
9	01-Apr-22	2022-23	Daman & Diu	2.28	0.04	0.00	2.32		2.32
10	01-Oct-21	2021-22	Delhi	4.30	0.30	0.22	4.82		4.82
11	01-Apr-22	2022-23	Goa*	3.06	0.12	0.20	3.38		3.38
12	01-Apr-22	2022-23	Gujarat	4.50	0.05	0.68	5.23		5.23
13	01-Apr-22	2022-23	Haryana*	5.03	0.00	0.10	5.13		5.13
14	01-Apr-22	2022-23	Himachal Pradesh*	5.07	0.17	0.15	5.39	1.22	4.17
15	13-Oct-22	2022-23	J&K and Ladakh*	2.96	0.05	0.44	3.45		3.45
16	01-Oct-20	2020-21	Jharkhand	6.25	0.15	0.24	6.64		6.64
17	01-Apr-22	2022-23	Karnataka*	7.33	0.64	0.44	8.40		8.40
18	25-Jun-22	2022-23	Kerala	7.60	0.40	0.76	8.76		8.76
19	01-Apr-22	2022-23	Lakshadweep*	4.88	0.12	0.00	5.00		5.00
20	01-Apr-22	2022-23	Madhya Pradesh	6.12	1.56	0.73	8.41		8.41
21	01-Apr-22	2022-23	Maharashtra	9.11	0.21	1.46	10.77		10.77
22	01-Apr-22	2022-23	Manipur*	6.26	0.39	0.00	6.65		6.65
23	01-Apr-22	2022-23	Meghalaya	5.38	0.36	0.05	5.79		5.79
24	01-Apr-22	2022-23	Mizoram*	7.32	0.30	0.00	7.62		7.62
25	01-Jul-22	2022-23	Nagaland*	6.45	0.00	0.00	6.45		6.45
26	01-Apr-22	2022-23	Odisha	5.30	0.12	0.21	5.63		5.63
27	01-Apr-22	2022-23	Puducherry	4.54	0.18	0.00	4.72		4.72

Representative Tariffs

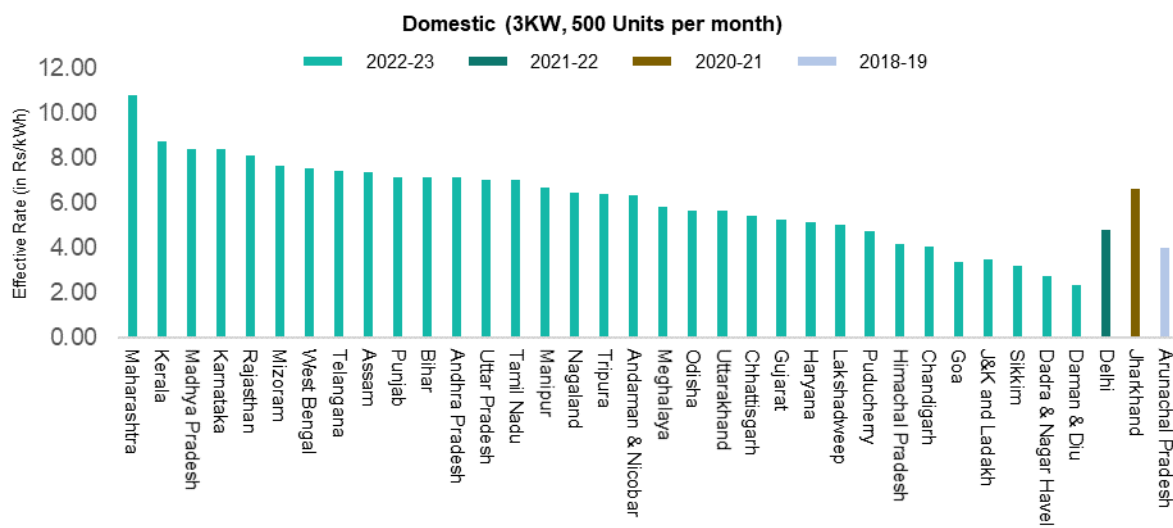
(Figures in Rs/kWh)

# #	Tariff Applicable from	Applicable Period	Domestic (3KW, 500 Units per month)						
			State	Energy Charges	Fixed Charges	Electrical Duty	Total	Govt Subsidy	Effective Rate
28	01-Apr-22	2022-23	Punjab*	6.00	0.36	0.78	7.14		7.14
29	01-Sep-22	2022-23	Rajasthan	7.04	0.69	0.40	8.13		8.13
30	01-Apr-22	2022-23	Sikkim	3.10	0.10	0.00	3.20		3.20
31	10-Sep-22	2022-23	Tamil Nadu*	7.00	0.00	0.00	7.00		7.00
32	01-Apr-22	2022-23	Telangana*	7.28	0.06	0.06	7.40		7.40
33	01-Sep-22	2022-23	Tripura*	6.29	0.10	0.00	6.39		6.39
34	27-Jul-22	2022-23	Uttar Pradesh*	6.05	0.66	0.30	7.01		7.01
35	01-Apr-22	2022-23	Uttarakhand	5.05	0.42	0.15	5.62		5.62
36	28-Jul-22	2022-23	West Bengal	6.72	0.11	0.67	7.50		7.50

Notes:

[*] The state has provided subsidy in bulk and subsidy has been included in the energy charges

[1] BERG has approved the retail tariff for 2022-23 without considering Government Subsidy as direct subsidy is expected to be announced by the Government of Bihar.



Representative Tariffs

(Figures in Rs/kWh)

#	Tariff Applicable from	Applicable Period	Non-Domestic (5KW, 500 Units per month)				
			State	Energy Charges	Fixed Charges	Electrical Duty	Effective Rate
1	01-Aug-22	2022-23	Andaman & Nicobar	9.40	0.05	0.00	9.45
2	01-Apr-22	2022-23	Andhra Pradesh	8.77	0.75	0.06	9.58
3	01-Jun-18	2018-19	Arunachal Pradesh	5.00	0.00	0.00	5.00
4	01-Apr-22	2022-23	Assam	7.60	1.40	0.20	9.20
5	01-Apr-22	2022-23	Bihar ¹	7.08	1.80	0.42	9.30
6	01-Jul-22	2022-23	Chandigarh	4.70	0.25	0.11	5.06
7	01-Apr-22	2022-23	Chhattisgarh	6.93	0.50	0.83	8.26
8	01-Apr-22	2022-23	Dadra & Nagar Haveli	4.15	0.20	0.00	4.35
9	01-Apr-22	2022-23	Daman & Diu	3.84	0.05	0.00	3.89
10	01-Oct-21	2021-22	Delhi	8.50	2.50	0.43	11.43
11	01-Apr-22	2022-23	Goa	4.57	0.40	0.70	5.67
12	01-Apr-22	2022-23	Gujarat	4.35	0.50	0.65	5.50
13	01-Apr-22	2022-23	Haryana	7.05	0.00	0.10	7.15
14	01-Apr-22	2022-23	Himachal Pradesh*	5.10	0.29	0.41	5.80
15	13-Oct-22	2022-23	J&K and Ladakh*	4.06	0.60	0.61	5.27
16	01-Oct-20	2020-21	Jharkhand	6.00	1.00	0.30	7.30
17	01-Apr-22	2022-23	Karnataka	9.30	1.25	0.56	11.11
18	25-Jun-22	2022-23	Kerala	8.15	1.60	0.82	10.57
19	01-Apr-22	2022-23	Lakshadweep	9.04	0.30	0.00	9.34
20	01-Apr-22	2022-23	Madhya Pradesh	6.50	1.56	0.39	8.45
21	01-Apr-22	2022-23	Maharashtra	8.42	0.85	1.77	11.04
22	01-Apr-22	2022-23	Manipur	7.35	0.85	0.00	8.20
23	01-Apr-22	2022-23	Meghalaya	7.30	1.20	0.06	8.56
24	01-Apr-22	2022-23	Mizoram	8.38	0.80	0.00	9.18
25	01-Jul-22	2022-23	Nagaland	8.57	0.00	0.00	8.57
26	01-Apr-22	2022-23	Odisha	7.02	0.30	0.28	7.60
27	01-Apr-22	2022-23	Puducherry	6.92	0.75	0.00	7.67

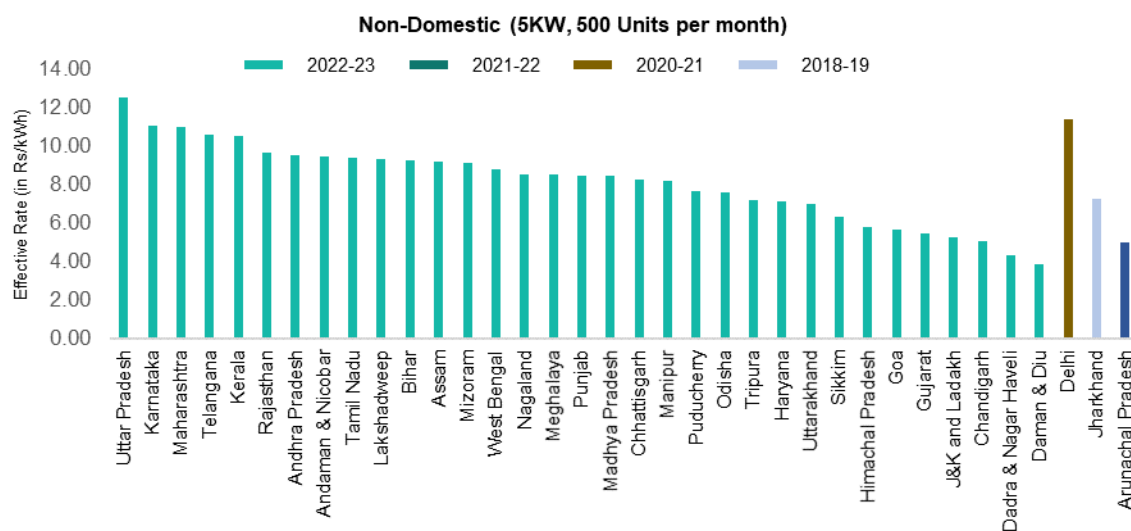
Representative Tariffs

(Figures in Rs/kWh)

#	Tariff Applicable from	Applicable Period	Non-Domestic (5KW, 500 Units per month)				
			State	Energy Charges	Fixed Charges	Electrical Duty	Effective Rate
28	01-Apr-22	2022-23	Punjab	7.12	0.45	0.93	8.49
29	01-Sep-22	2022-23	Rajasthan	8.52	0.76	0.40	9.68
30	01-Apr-22	2022-23	Sikkim	5.36	1.00	0.00	6.36
31	10-Sep-22	2022-23	Tamil Nadu	8.00	1.00	0.40	9.40
32	01-Apr-22	2022-23	Telangana	9.82	0.70	0.06	10.58
33	01-Sep-22	2022-23	Tripura	7.08	0.12	0.00	7.20
34	27-Jul-22	2022-23	Uttar Pradesh	7.50	4.50	0.56	12.56
35	01-Apr-22	2022-23	Uttarakhand	5.90	0.95	0.15	7.00
36	28-Jul-22	2022-23	West Bengal	7.48	0.36	0.94	8.78

[*] The state has provided subsidy in bulk and subsidy has been included in the energy charges

[†] BERC has approved the retail tariff for 2022-23 without considering Government Subsidy as direct subsidy is expected to be announced by the Government of Bihar



Representative Tariffs

(Figures in Rs/kWh)

#	Tariff Applicable from	Applicable Period	Agriculture (7.5KW 15% LF, 817 Units per month)						
			State	Energy Charge	Fixed Charge	Electrical Duty	Total	Govt Subsidy	Effective Rate
1	01-Aug-22	2022-23	Andaman & Nicobar*	1.75	0.46	0.00	2.21	-	2.21
2	01-Apr-22	2022-23	Andhra Pradesh*	0.00	0.00	0.00	0.00	-	0.00
3	01-Jun-18	2018-19	Arunachal Pradesh*	3.10	0.00	0.00	3.10	-	3.10
4	01-Apr-22	2022-23	Assam	4.65	0.50	0.20	5.35	-	5.35
5	01-Apr-22	2022-23	Bihar ¹	5.55	0.37	0.04	5.96	-	5.96
6	01-Jul-22	2022-23	Chandigarh	2.60	0.00	0.00	2.60	-	2.60
7	01-Apr-22	2022-23	Chhattisgarh*	5.05	1.22	0.00	6.27	-	6.27
8	01-Apr-22	2022-23	Dadra & Nagar Haveli	0.90	0.00	0.00	0.90	-	0.90
9	01-Apr-22	2022-23	Daman & Diu	0.75	0.00	0.00	0.75	-	0.75
10	01-Oct-21	2021-22	Delhi	1.50	1.15	0.08	2.73	-	2.73
11	01-Apr-22	2022-23	Goa*	1.50	0.22	0.20	1.92	-	1.92
12	01-Apr-22	2022-23	Gujarat*	0.60	0.24	0.00	0.84	-	0.84
13	01-Apr-22	2022-23	Haryana*	6.67	0.00	0.00	6.67	-	6.67
14	01-Apr-22	2022-23	Himachal Pradesh*	3.90	0.13	0.39	4.42	3.60	0.82
15	13-Oct-22	2022-23	J&K and Ladakh*	0.80	0.20	0.12	1.12	-	1.12
16	01-Oct-20	2020-21	Jharkhand	5.00	0.24	0.02	5.26	-	5.26
17	01-Apr-22	2022-23	Karnataka	4.55	0.00	0.00	4.55	4.55	0.00
18	25-Jun-22	2022-23	Kerala	2.30	0.14	0.23	2.67	-	2.67
19	01-Apr-22	2022-23	Lakshadweep	-	-	-	-	-	0.00
20	01-Apr-22	2022-23	Madhya Pradesh	5.46	0.99	0.00	6.46	-	6.46
21	01-Apr-22	2022-23	Maharashtra	3.30	0.53	0.00	3.83	-	3.83
22	01-Apr-22	2022-23	Manipur*	4.55	0.60	0.00	5.15	-	5.15
23	01-Apr-22	2022-23	Meghalaya	3.00	1.01	0.06	4.07	-	4.07
24	01-Apr-22	2022-23	Mizoram*	3.80	0.46	0.00	4.26	-	4.26
25	01-Jul-22	2022-23	Nagaland*	3.20	0.00	0.00	3.20	-	3.20
26	01-Apr-22	2022-23	Odisha	1.50	0.11	0.03	1.64	0.10	1.54
27	01-Apr-22	2022-23	Puducherry	0.00	0.24	0.00	0.24	-	0.24

Representative Tariffs

(Figures in Rs/kWh)

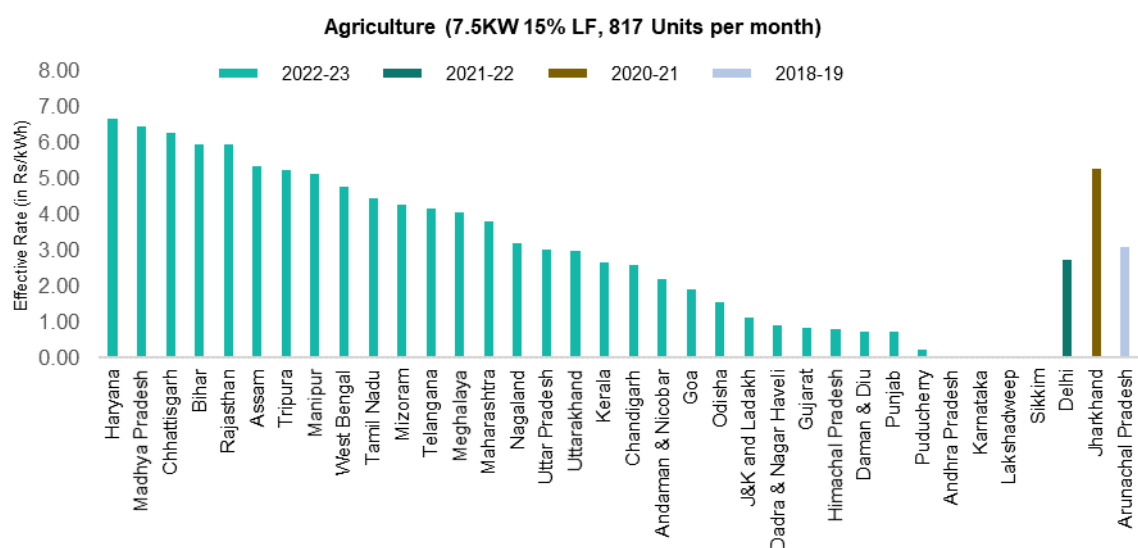
#	Tariff Applicable from	Applicable Period	Agriculture (7.5KW 15% LF, 817 Units per month)						
			State	Energy Charge	Fixed Charge	Electrical Duty	Total	Govt Subsidy	Effective Rate
28	01-Apr-22	2022-23	Punjab	5.66	0.00	0.74	5.66	5.66	0.74
29	01-Sep-22	2022-23	Rajasthan	5.55	0.37	0.04	5.96	-	5.96
30	01-Apr-22	2022-23	Sikkim	-	-	-	-	-	0.00
31	10-Sep-22	2022-23	Tamil Nadu	4.46	0.00	0.00	4.46	-	4.46
32	01-Apr-22	2022-23	Telangana*	4.00	0.18	0.00	4.18	-	4.18
33	01-Sep-22	2022-23	Tripura*	4.95	0.28	0.00	5.23	-	5.23
34	27-Jul-22	2022-23	Uttar Pradesh*	2.00	0.86	0.15	3.01	-	3.01
35	01-Apr-22	2022-23	Uttarakhand	2.85	0.00	0.15	3.00	-	3.00
36	28-Jul-22	2022-23	West Bengal	4.54	0.22	0.00	4.76	-	4.76

Notes:

[*] The state has provided subsidy in bulk and subsidy has been included in the energy charges

[†] BERC has approved the retail tariff for 2022-23 without considering Government Subsidy as direct subsidy is expected to be announced by the Government of Bihar

There is no Agricultural category in Sikkim and Lakshadweep



Representative Tariffs

(Figures in Rs/kWh)

#	Tariff Applicable from	Applicable Period	Small Industrial (10KW, 20% LF, 1460 Units per month)				
			State	Energy Charges	Fixed Charges	Electrical Duty	Effective Rate
1	01-Aug-22	2022-23	Andaman & Nicobar	8.66	0.34	0.00	9.00
2	01Apr-22	2022-23	Andhra Pradesh	6.70	0.51	0.06	7.27
3	01-Jun-18	2018-19	Arunachal Pradesh	3.85	0.00	0.00	3.85
4	01-Apr-22	2022-23	Assam	5.40	0.48	0.20	6.08
5	01-Apr-22	2022-23	Bihar ¹	6.40	1.18	0.38	7.97
6	01-Jul-22	2022-23	Chandigarh	4.30	0.21	0.11	4.62
7	01-Apr-22	2022-23	Chhattisgarh	5.15	0.82	0.15	6.13
8	01-Apr-22	2022-23	Dadra & Nagar Haveli	3.65	0.27	0.00	3.92
9	01-Apr-22	2022-23	Daman & Diu	3.60	0.37	0.00	3.97
10	01-Oct-21	2021-22	Delhi	7.75	1.71	0.39	9.85
11	01-Apr-22	2022-23	Goa	3.76	0.37	0.70	4.83
12	01-Apr-22	2022-23	Gujarat	4.35	0.34	0.44	5.13
13	01-Apr-22	2022-23	Haryana	7.05	0.00	0.10	7.15
14	01-Apr-22	2022-23	Himachal Pradesh*	4.75	0.11	0.24	5.09
15	13-Oct-22	2022-23	J&K and Ladakh*	3.65	0.04	0.55	4.24
16	01-Oct-20	2020-21	Jharkhand	5.75	0.68	0.05	6.48
17	01-Apr-22	2022-23	Karnataka	6.90	0.91	0.41	8.23
18	25-Jun-22	2022-23	Kerala	5.80	0.08	0.58	6.46
19	01-Apr-22	2022-23	Lakshadweep	6.50	0.41	0.00	6.91
20	01-Apr-22	2022-23	Madhya Pradesh	6.60	2.19	0.59	9.39
21	01-Apr-22	2022-23	Maharashtra	6.46	0.33	0.60	7.39
22	01-Apr-22	2022-23	Manipur	5.60	0.48	0.00	6.08
23	01-Apr-22	2022-23	Meghalaya	6.50	0.99	0.05	7.54
24	01-Apr-22	2022-23	Mizoram	7.79	0.55	0.00	8.34
25	01-Jul-22	2022-23	Nagaland	6.56	0.00	0.00	6.56
26	01-Apr-22	2022-23	Odisha	6.20	0.27	0.31	6.78

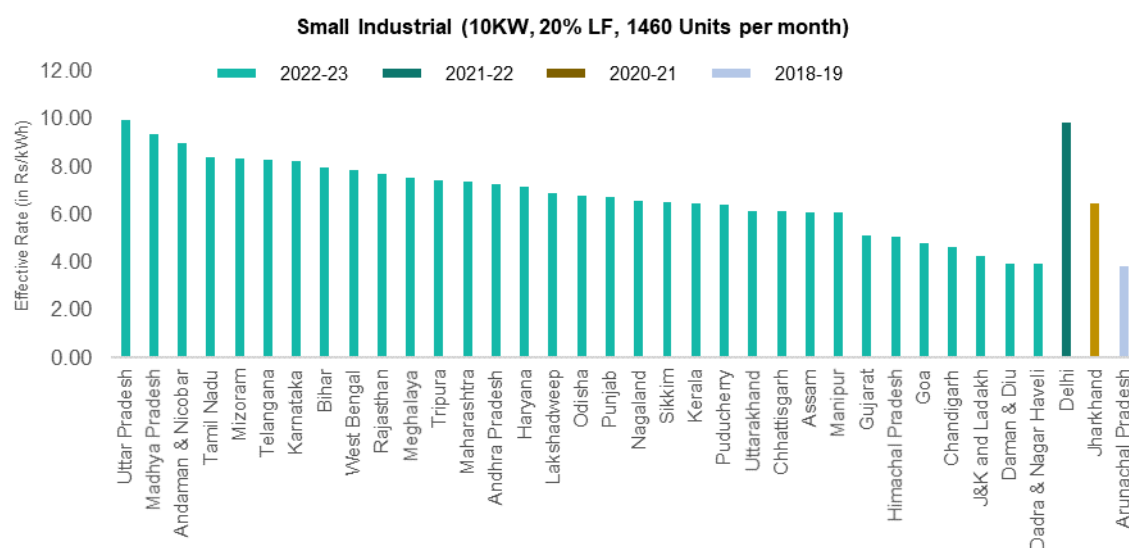
Representative Tariffs

(Figures in Rs/kWh)

#	Tariff Applicable from	Applicable Period	Small Industrial (10KW, 20% LF, 1460 Units per month)				
			State	Energy Charges	Fixed Charges	Electrical Duty	Effective Rate
27	01-Apr-22	2022-23	Puducherry	6.05	0.34	0.00	6.39
28	01-Apr-22	2022-23	Punjab	5.37	0.66	0.70	6.73
29	01-Sep-22	2022-23	Rajasthan	6.30	1.00	0.40	7.70
30	01-Apr-22	2022-23	Sikkim	6.19	0.34	0.00	6.53
31	10-Sep-22	2022-23	Tamil Nadu	7.50	0.51	0.38	8.39
32	01-Apr-22	2022-23	Telangana	7.70	0.51	0.06	8.27
33	01-Sep-22	2022-23	Tripura	7.10	0.31	0.00	7.41
34	27-Jul-22	2022-23	Uttar Pradesh	7.40	1.99	0.56	9.94
35	01-Apr-22	2022-23	Uttarakhand	4.80	1.13	0.20	6.13
36	28-Jul-22	2022-23	West Bengal	7.25	0.41	0.18	7.84

[*] The state has provided subsidy in bulk and subsidy has been included in the energy charges

[1] BERC has approved the retail tariff for 2022-23 without considering Government Subsidy as direct subsidy is expected to be announced by the Government of Bihar



Representative Tariffs

(Figures in Rs/kWh)

#	Tariff Applicable from	Applicable Period	Medium Industrial (50KW, 30% LF, 10950 Units per month)				
			State	Energy Charges	Fixed Charges	Electrical Duty	Effective Rate
1	01-Aug-22	2022-23	Andaman & Nicobar	10.75	0.23	0.00	10.97
2	01-Apr-22	2022-23	Andhra Pradesh	6.70	0.34	0.06	7.10
3	01-Jun-18	2018-19	Arunachal Pradesh	3.50	0.00	0.00	3.50
4	01-Apr-22	2022-23	Assam	6.25	1.04	0.20	7.49
5	01-Apr-22	2022-23	Bihar ¹	6.40	0.99	0.38	7.77
6	01-Jul-22	2022-23	Chandigarh	4.20	0.91	0.11	5.22
7	01-Apr-22	2022-23	Chhattisgarh	5.90	0.68	0.18	6.76
8	01-Apr-22	2022-23	Dadra & Nagar Haveli	3.85	0.49	0.00	4.34
9	01-Apr-22	2022-23	Daman & Diu	3.60	0.24	0.00	3.84
10	01-Oct-21	2021-22	Delhi	7.75	1.14	0.39	9.28
11	01-Apr-22	2022-23	Goa	3.95	0.24	0.70	4.89
12	01-Apr-22	2022-23	Gujarat	4.60	0.45	0.46	5.51
13	01-Apr-22	2022-23	Haryana	6.40	0.58	0.10	7.08
14	01-Apr-22	2022-23	Himachal Pradesh*	4.60	0.66	0.51	5.76
15	13-Oct-22	2022-23	J&K and Ladakh*	3.60	0.02	0.54	4.16
16	01-Oct-20	2020-21	Jharkhand	5.75	0.46	0.05	6.26
17	01-Apr-22	2022-23	Karnataka	7.50	1.26	0.45	9.21
18	25-Jun-22	2022-23	Kerala	5.85	0.02	0.10	5.97
19	01-Apr-22	2022-23	Lakshadweep	6.50	0.27	0.00	6.77
20	01-Apr-22	2022-23	Madhya Pradesh	6.60	1.46	0.59	8.66
21	01-Apr-22	2022-23	Maharashtra	7.40	1.47	0.69	9.55
22	01-Apr-22	2022-23	Manipur	8.00	0.58	0.00	8.58
23	01-Apr-22	2022-23	Meghalaya	6.50	0.66	0.05	7.21
24	01-Apr-22	2022-23	Mizoram	8.02	0.37	0.00	8.38
25	01-Jul-22	2022-23	Nagaland	7.12	0.00	0.00	7.12
26	01-Apr-22	2022-23	Odisha	6.20	0.37	0.31	6.88
27	01-Apr-22	2022-23	Puducherry	5.30	2.30	0.00	7.60

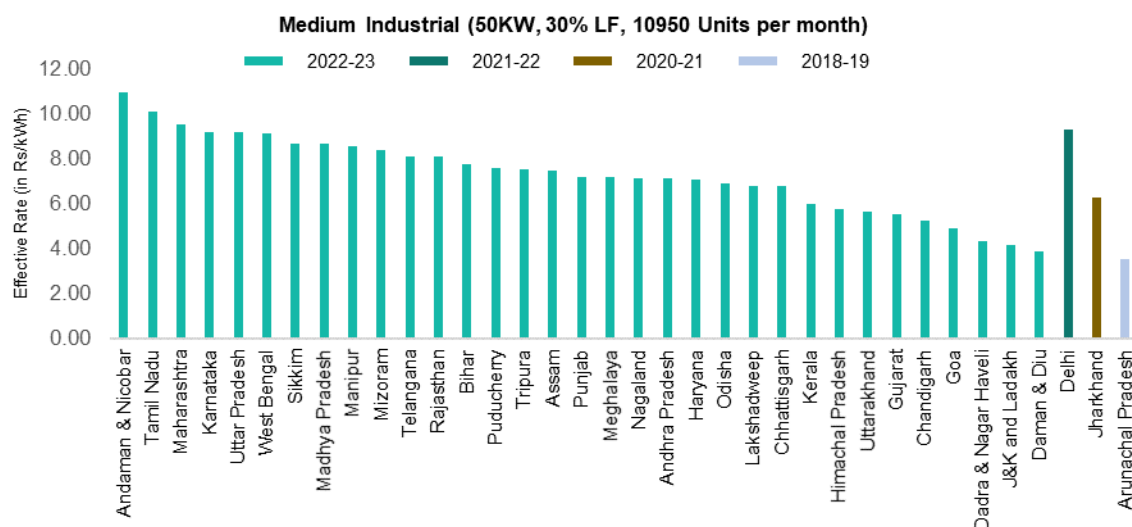
Representative Tariffs

(Figures in Rs/kWh)

#	Tariff Applicable from	Applicable Period	Medium Industrial (50KW, 30% LF, 10950 Units per month)				
			State	Energy Charges	Fixed Charges	Electrical Duty	Effective Rate
28	01-Apr-22	2022-23	Punjab	5.80	0.66	0.75	7.21
29	01-Sep-22	2022-23	Rajasthan	7.00	0.70	0.40	8.10
30	01-Apr-22	2022-23	Sikkim	7.02	1.64	0.00	8.67
31	10-Sep-22	2022-23	Tamil Nadu	6.75	3.01	0.34	10.10
32	01-Apr-22	2022-23	Telangana	7.70	0.34	0.06	8.10
33	01-Sep-22	2022-23	Tripura	7.24	0.27	0.00	7.51
34	27-Jul-22	2022-23	Uttar Pradesh	7.30	1.32	0.55	9.17
35	01-Apr-22	2022-23	Uttarakhand	4.50	0.93	0.20	5.63
36	28-Jul-22	2022-23	West Bengal	7.87	0.27	0.98	9.13

[*] The state has provided subsidy in bulk and subsidy has been included in the energy charges

[1] BERC has approved the retail tariff for 2022-23 without considering Government Subsidy as direct subsidy is expected to be announced by the Government of Bihar



Representative Tariffs

(Figures in Rs/kWh)

#	Tariff Applicable from	Applicable Period	Large Industrial (1000KW, 40% LF, 365000 Units per month)				
			State	Energy Charges	Fixed Charges	Electrical Duty	Effective Rate
1	01-Aug-22	2022-23	Andaman & Nicobar	9.00	0.14	0.00	10.63
2	01-Apr-22	2022-23	Andhra Pradesh	6.30	1.30	0.06	7.66
3	01-Jun-18	2018-19	Arunachal Pradesh	3.35	0.00	0.00	3.35
4	01-Apr-22	2022-23	Assam	6.65	0.89	0.20	7.74
5	01-Apr-22	2022-23	Bihar	6.55	0.99	0.39	7.93
6	01-Jul-22	2022-23	Chandigarh	4.50	0.55	0.11	5.16
7	01-Apr-22	2022-23	Chhattisgarh	7.25	1.03	1.45	9.73
8	01-Apr-22	2022-23	Dadra & Nagar Haveli	4.30	1.32	0.00	5.62
9	01-Apr-22	2022-23	Daman & Diu	4.20	1.04	0.00	5.24
10	01-Oct-21	2021-22	Delhi	7.75	0.68	0.39	8.82
11	01-Apr-22	2022-23	Goa	4.80	0.82	0.70	6.32
12	01-Apr-22	2022-23	Gujarat	4.20	0.82	0.63	5.65
13	01-Apr-22	2022-23	Haryana	6.55	0.54	0.10	7.19
14	01-Apr-22	2022-23	Himachal Pradesh	4.35	1.32	0.48	6.14
15	13-Oct-22	2022-23	J&K and Ladakh*	3.50	0.58	0.53	4.60
16	01-Oct-20	2020-21	Jharkhand	5.50	0.96	0.05	6.51
17	01-Apr-22	2022-23	Karnataka	7.72	0.75	0.46	8.93
18	25-Jun-22	2022-23	Kerala	6.10	1.07	0.10	7.27
19	01-Apr-22	2022-23	Lakshadweep	9.20	0.49	0.00	9.69
20	01-Apr-22	2022-23	Madhya Pradesh	7.20	1.22	1.08	9.50
21	01-Apr-22	2022-23	Maharashtra	7.44	1.49	0.69	9.62
22	01-Apr-22	2022-23	Manipur	9.10	0.35	0.00	9.45
23	01-Apr-22	2022-23	Meghalaya	7.04	0.76	0.03	7.83
24	01-Apr-22	2022-23	Mizoram	9.05	0.26	0.00	9.31
25	01-Jul-22	2022-23	Nagaland	7.20	0.00	0.00	7.20
26	01-Apr-22	2022-23	Odisha	5.85	0.82	0.47	7.14
27	01-Apr-22	2022-23	Puducherry	5.30	1.38	0.00	6.68

Representative Tariffs

(Figures in Rs/kWh)

#	Tariff Applicable from	Applicable Period	Large Industrial (1000KW, 40% LF, 365000 Units per month)				
			State	Energy Charges	Fixed Charges	Electrical Duty	Effective Rate
28	01-Apr-22	2022-23	Punjab	6.15	0.81	0.80	7.75
29	01-Sep-22	2022-23	Rajasthan	7.30	0.74	0.40	8.44
30	01-Apr-22	2022-23	Sikkim	6.55	1.43	0.00	7.98
31	10-Sep-22	2022-23	Tamil Nadu	6.75	1.81	0.34	8.90
32	01-Apr-22	2022-23	Telangana	7.65	1.56	0.06	9.27
33	01-Sep-22	2022-23	Tripura	7.25	0.21	0.00	7.46
34	27-Jul-22	2022-23	Uttar Pradesh	7.10	0.82	0.53	8.45
35	01-Apr-22	2022-23	Uttarakhand	5.04	1.41	0.50	6.95
36	28-Jul-22	2022-23	West Bengal	7.42	1.26	0.93	9.61

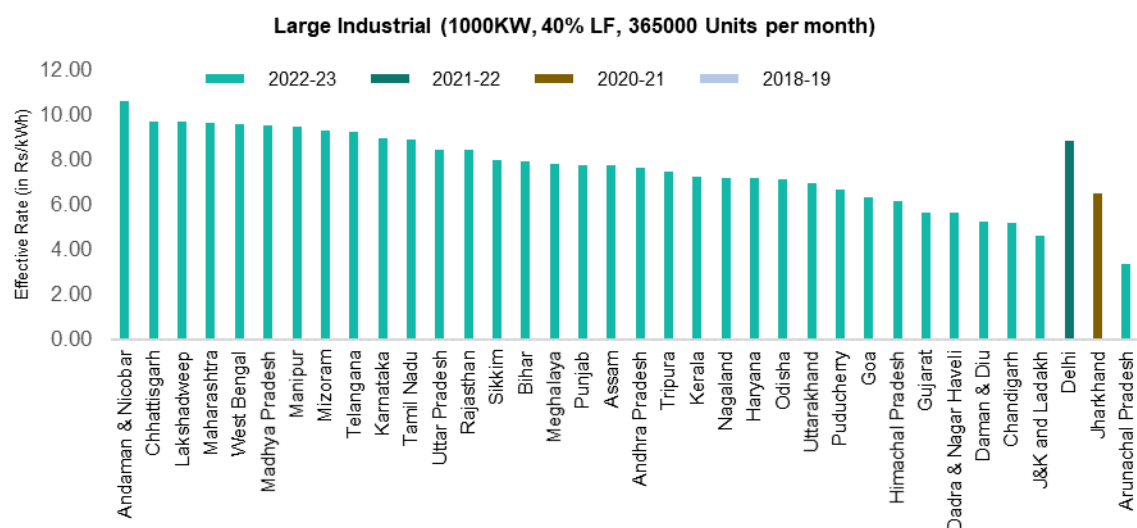
Assumptions

1 kVA = 1 kW (unity power factor)

LF = 100%

1 HP = .75 kW

For domestic consumer category, tariff for urban consumers have been considered



Representative Tariffs

(Figures in Rs/kWh)

State-wise comparison of representative tariffs between various consumer categories

#	Applicable Period	State	Effective Rate						
			Domestic (3KW, 100 Units per month)	Domestic (3KW, 500 Units per month)	Non-Domestic (5KW, 500 Units per month)	Agriculture (7.5KW, 15% LF, 817 Units per month)	Small Industrial (10KW, 20% LF, 1460 Units per month)	Medium Industrial (50KW, 30% LF, 10950 Units per month)	Large Industrial (1000KW, 40% LF, 365000 Units per month)
1	2022-23	Andaman & Nicobar*	2.95	6.30	9.45	2.21	9.00	10.97	10.63
2	2022-23	Andhra Pradesh*	3.41	7.11	9.58	0.00	7.27	7.10	7.66
3	2018-19	Arunachal Pradesh*	4.00	4.00	5.00	3.10	3.85	3.50	3.35
4	2022-23	Assam	7.30	7.37	9.20	5.35	6.08	7.49	7.74
5	2022-23	Bihar ¹	7.23	7.13	9.30	5.96	7.97	7.77	7.93
6	2022-23	Chandigarh	3.29	4.06	5.06	2.60	4.62	5.22	5.16
7	2022-23	Chhattisgarh*	4.60	5.41	8.26	6.27	6.13	6.76	9.73
8	2022-23	Dadra & Nagar Haveli	2.25	2.71	4.35	0.90	3.92	4.34	5.62
9	2022-23	Daman & Diu	1.60	2.32	3.89	0.75	3.97	3.84	5.24
10	2021-22	Delhi	4.65	4.82	11.43	2.73	9.85	9.28	8.82
11	2022-23	Goa*	2.40	3.38	5.67	1.92	4.83	4.89	6.32
12	2022-23	Gujarat	4.02	5.23	5.50	0.84	5.13	5.51	5.65
13	2022-23	Haryana*	2.35	5.13	7.15	6.67	7.15	7.08	7.19
14	2022-23	Himachal Pradesh*	2.82	4.17	5.80	0.82	5.09	5.76	6.14
15	2022-23	J&K and Ladakh*	2.54	3.45	5.27	1.12	4.24	4.16	4.60
16	2020-21	Jharkhand	7.20	6.64	7.30	5.26	6.48	6.26	6.51
17	2022-23	Karnataka*	8.37	8.40	11.11	0.00	8.23	9.21	8.93
18	2022-23	Kerala	4.81	8.76	10.57	2.67	6.46	5.97	7.27
19	2022-23	Lakshadweep*	2.20	5.00	9.34	0.00	6.91	6.77	9.69
20	2022-23	Madhya Pradesh	5.66	8.41	8.45	6.46	9.39	8.66	9.50
21	2022-23	Maharashtra	6.51	10.77	11.04	3.83	7.39	9.55	9.62

Representative Tariffs

(Figures in Rs/kWh)

#	Applicable Period	State	Effective Rate						
			Domestic (3KW, 100 Units per month)	Domestic (3KW, 500 Units per month)	Non-Domestic (5KW, 500 Units per month)	Agriculture (7.5KW, 15% LF, 817 Units per month)	Small Industrial (10KW, 20% LF, 1460 Units per month)	Medium Industrial (50KW, 30% LF, 10950 Units per month)	Large Industrial (1000KW, 40% LF, 365000 Units per month)
22	2022-23	Manipur*	7.05	6.65	8.20	5.15	6.08	8.58	9.45
23	2022-23	Meghalaya	5.95	5.79	8.56	4.07	7.54	7.21	7.83
24	2022-23	Mizoram*	6.40	7.62	9.18	4.26	8.34	8.38	9.31
25	2021-23	Nagaland	5.45	6.45	8.57	3.20	6.56	7.12	7.20
26	2022-23	Odisha	4.66	5.63	7.60	1.54	6.78	6.88	7.14
27	2022-23	Puducherry	2.80	4.72	7.67	0.24	6.39	7.60	6.68
28	2022-23	Punjab*	6.03	7.14	8.49	0.74	6.73	7.21	7.75
29	2022-23	Rajasthan*	8.33	8.13	9.68	5.96	7.70	8.10	8.44
30	2022-23	Sikkim	2.00	3.20	6.36	0.00	6.53	8.67	7.98
31	2022-23	Tamil Nadu*	4.50	7.00	9.40	4.46	8.39	10.10	8.90
32	2022-23	Telangana*	2.89	7.40	10.58	4.18	8.27	8.10	9.27
33	2022-23	Tripura*	5.91	6.39	7.20	5.23	7.41	7.51	7.46
34	2022-23	Uttar Pradesh*	6.22	7.01	12.56	3.01	9.94	9.17	8.45
35	2022-23	Uttarakhand	5.15	5.62	7.00	3.00	6.13	5.63	6.95
36	2022-23	West Bengal	6.03	7.50	8.78	4.76	7.84	9.13	9.61

Notes:

[*] The state has provided subsidy in bulk and subsidy has been included in the energy charges

[¹] BERC has approved the retail tariff for 2022-23 without considering Government Subsidy as direct subsidy is expected to be announced by the Government of Bihar



SECTION 6

CROSS SUBSIDY DETAILS



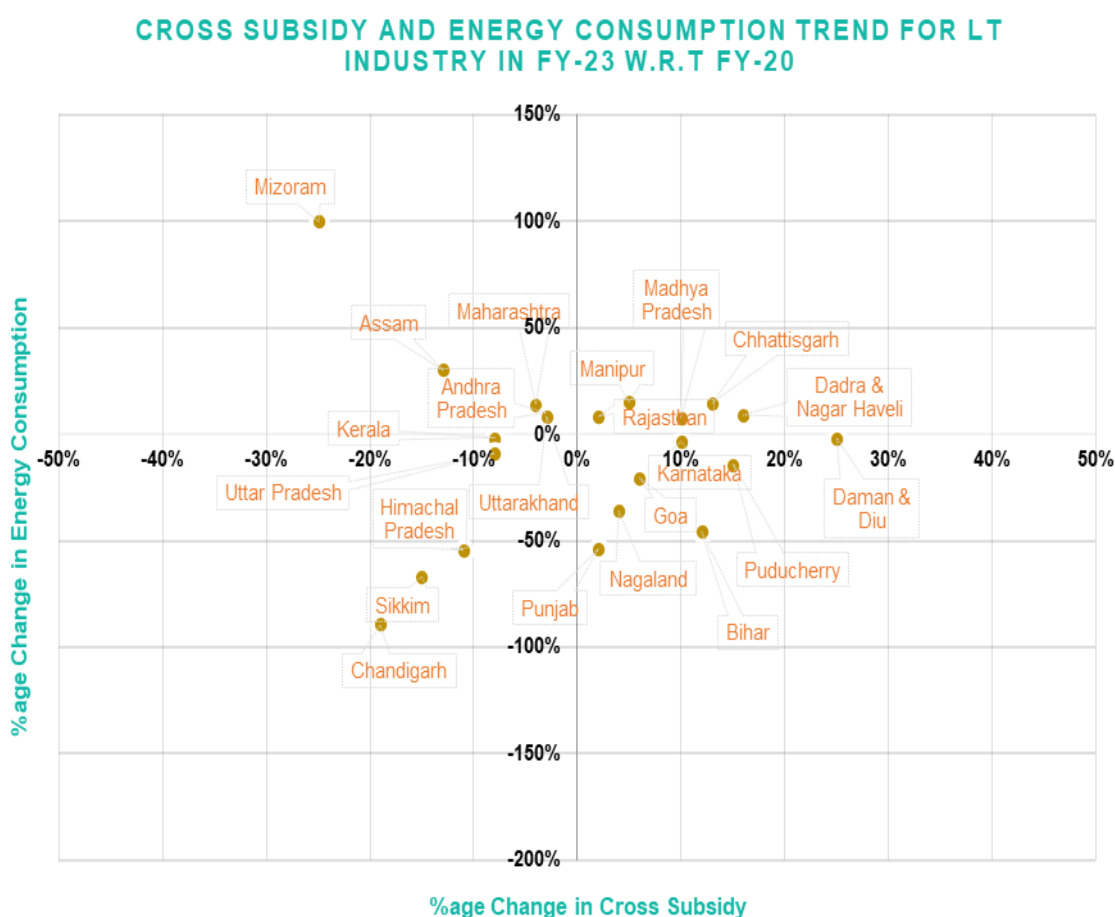
Cross Subsidy and Consumption Trend for LT Industrial Consumers

States/UT	Cross-Subsidy (%)				Energy Consumption (in MUs)			
	2019-20	2020-21	2021-22	2022-23	2019-20	2020-21	2021-22	2022-23
Andaman & Nicobar	NA	NA	NA	NA	NA	NA	NA	NA
Andhra Pradesh	128%	118%	131%	125%	1,513	1,473	1,543	1,664
Arunachal Pradesh	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Assam	96%	89%	83%	83%	103	133	132	134
Bihar	135%	145%	139%	147%	1,599	617	859	873
Chandigarh	113%	101%	94%	94%	148	33	18	16
Chhattisgarh	110%	111%	116%	123%	539	548	565	617
Dadra & Nagar Haveli	87%	102%	81%	103%	224	240	283	244
Daman & Diu	70%	90%	91%	95%	220	205	221	216
Delhi	NA	NA	NA	N/A	NA	NA	NA	N/A
Goa	78%	81%	84%	84%	107	110	85	85
Gujarat	NA	NA	NA	NA	NA	NA	NA	NA
Haryana ¹	111%	102%	112%	N/A	2,125	1,492	2,134	2,289
Himachal Pradesh	112%	118%	163%	101%	202	124	90	92
Jammu & Kashmir	N/A	N/A	N/A	77%	N/A	N/A	N/A	251
Jharkhand	N/A	124%	157%	N/A	230	249	197	N/A
Karnataka	122%	122%	128%	132%	2,100	1,804	2,020	2,030
Kerala	115%	N/A	N/A	107%	1,135	N/A	N/A	1,116
Ladakh	N/A	N/A	N/A	53%	N/A	N/A	N/A	3.41
Lakshadweep	NA	51%	43%	39%	NA	0.35	0.37	0.40
Madhya Pradesh	133%	145%	139%	143%	1,451	1,289	1,456	1,564
Maharashtra	116%	111%	110%	112%	7,232	7,515	7,879	8,260
Manipur	43%	54%	47%	48%	20	21	19	23
Meghalaya	N/A	115%	166%	185%	N/A	5	6	6
Mizoram	109%	86%	99%	84%	2	4	3	4
Nagaland	71%	60%	59%	75%	75	63	69	48
Odisha ¹	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Puducherry	103%	102%	108%	118%	148	130	124	127
Punjab	112%	107%	113%	114%	2,844	844	1,052	1,312
Rajasthan	103%	107%	108%	105%	820	780	819	889
Sikkim	100%	108%	76%	85%	6	5	2	2

Cross Subsidy and Consumption Trend for LT Industrial Consumers

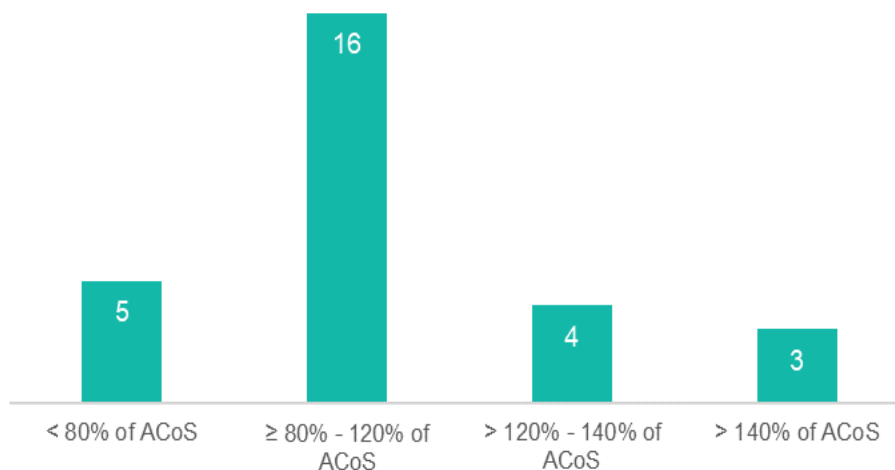
States/UT	Cross-Subsidy (%)				Energy Consumption (in MUs)			
	2019-20	2020-21	2021-22	2022-23	2019-20	2020-21	2021-22	2022-23
Tamil Nadu	N/A	N/A	N/A	80%	N/A	N/A	N/A	9,368
Telangana	N/A	N/A	N/A	123%	N/A	N/A	N/A	1,150
Tripura	NA	NA	NA	NA	NA	NA	NA	NA
Uttar Pradesh	127%	128%	148%	119%	3,807	3,071	3,425	3,481
Uttarakhand	109%	109%	109%	106%	315	317	320	341
West Bengal ¹	N/A	N/A	N/A	N/A	1,481	1,481	1,536	1,593

Summary of findings:



Cross Subsidy and Consumption Trend for LT Industrial Consumers

LT Industrial Consumers | FY 2022-23



Notes:

- State level aggregation is based on average of DISCOM level values weighted against corresponding energy sales.
- In absence of categorization, large and medium Industries are assumed under HT Industries while the small industries assumed under LT Industries, wherever applicable.

Remarks:

- For Haryana, Odisha and West Bengal, the consumer category wise details are not provided.

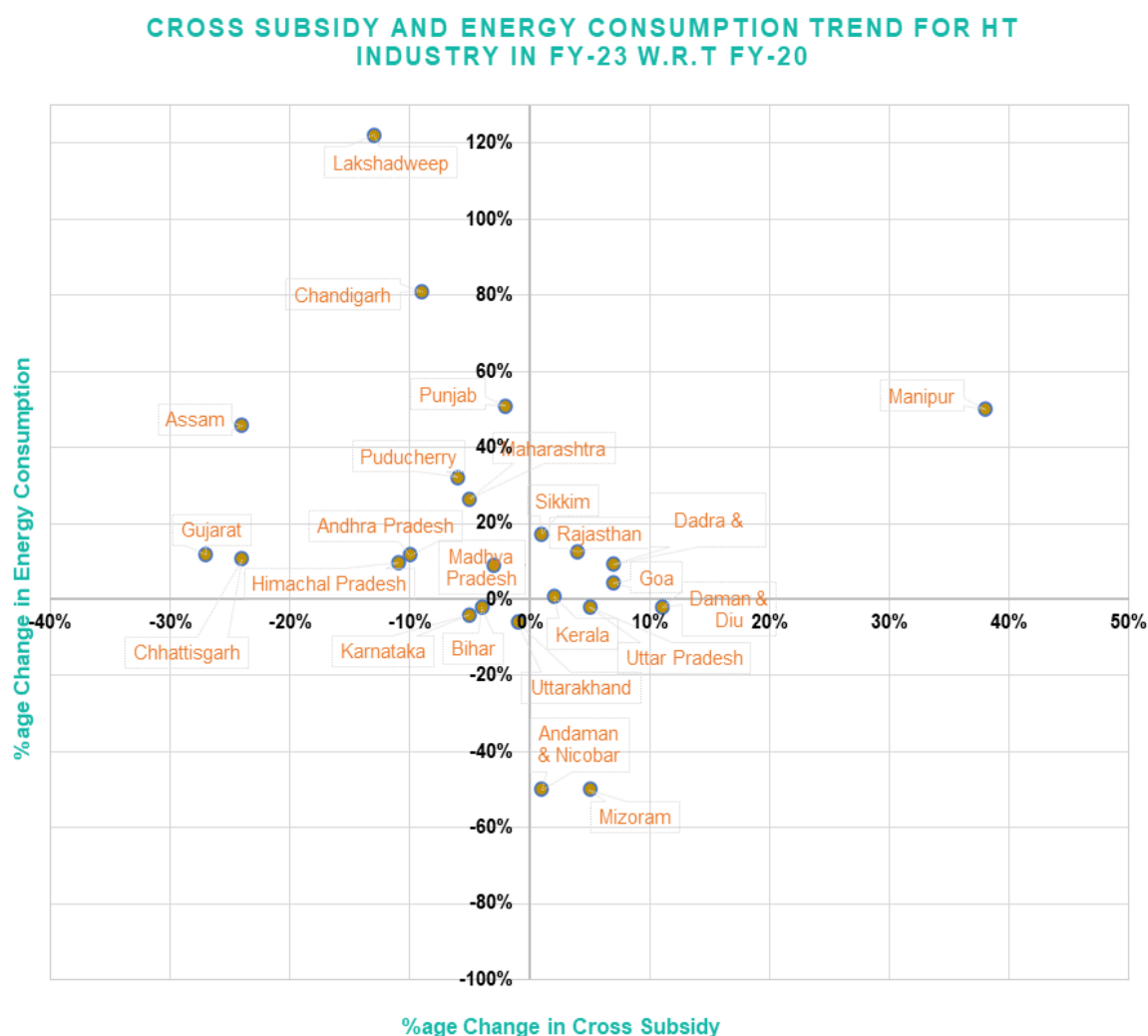
Cross Subsidy and Consumption Trend for HT Industrial Consumers

DISCOMS	Cross-Subsidy (in %)				Energy Consumption (in MUs)			
	2019-20	2020-21	2021-22	2022-23	2019-20	2020-21	2021-22	2022-23
Andaman & Nicobar	29%	28%	28%	30%	24	19	10	12
Andhra Pradesh	115%	107%	117%	105%	15,384	14,967	14,546	1,7180
Arunachal Pradesh	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Assam	128%	118%	105%	104%	888	1,145	1,021	1,295
Bihar	127%	115%	112%	123%	2,856	2,865	2,950	2,798
Chandigarh	121%	114%	110%	112%	120	330	233	217
Chhattisgarh	136%	121%	109%	112%	8,142	9,340	9,088	9,008
Dadra & Nagar Haveli	97%	105%	100%	104%	5,884	6,242	6,089	6,436
Daman & Diu	95%	103%	103%	106%	2,179	2,237	2,156	2,132
Delhi	131%	133%	142%	N/A	3,597	2,842	3,231	N/A
Goa	95%	103%	102%	102%	1,970	2,063	2,001	2,054
Gujarat	115%	131%	119%	88%	33,639	36,390	35,838	37,629
Haryana ¹	110%	101%	112%	N/A	12,261	8,301	11,881	12,949
Himachal Pradesh	103%	109%	107%	92%	5,016	4,701	5,400	5,508
Jammu & Kashmir	N/A	N/A	N/A	93%	N/A	N/A	N/A	974
Jharkhand	N/A	109%	109%	N/A	2708	2,481	2492	N/A
Karnataka	123%	123%	122%	118%	8,396	7,293	7,763	8,065
Kerala	103%	N/A	N/A	105%	3,530	N/A	N/A	3,559
Ladakh	N/A	N/A	N/A	70%	N/A	N/A	N/A	1.5
Lakshadweep	48%	38%	16%	35%	0.45	1	1	1
Madhya Pradesh	115%	114%	112%	112%	9,734	7,156	10,851	10,605
Maharashtra	120%	113%	115%	115%	29,208	34,157	35,519	36,934
Manipur	78%	98%	98%	116%	10	12	12	15
Meghalaya	N/A	84%	122%	135%	N/A	315	573	588
Mizoram	105%	76%	103%	110%	12	12	9	6
Nagaland	NA	NA	NA	NA	NA	NA	NA	NA
Odisha ¹	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Puducherry	122%	119%	124%	116%	1,159	1,542	1,502	1,532
Punjab	111%	112%	111%	109%	14,573	15,095	17,943	21,980
Rajasthan	111%	121%	121%	115%	16,095	13,008	13,992	18,126
Sikkim	167%	199%	155%	168%	215	218	208	252

Cross Subsidy and Consumption Trend for HT Industrial Consumers

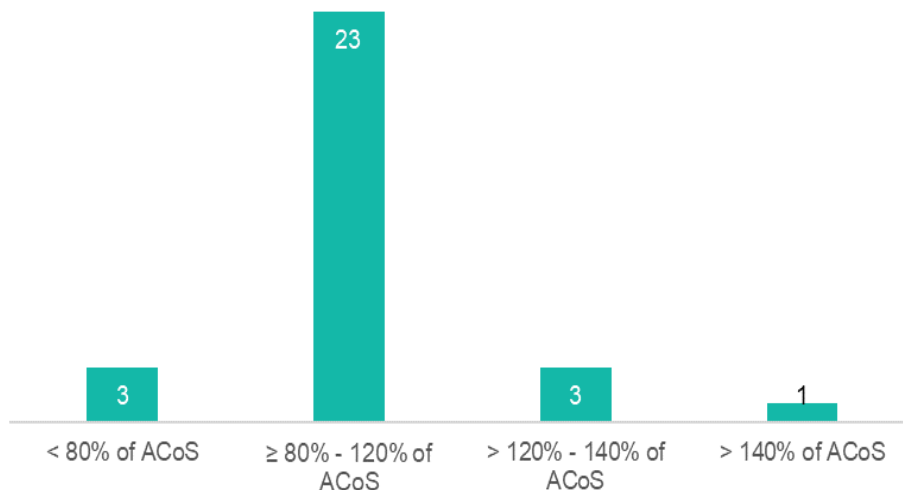
DISCOMS	Cross-Subsidy (in %)				Energy Consumption (in MUs)			
	2019-20	2020-21	2021-22	2022-23	2019-20	2020-21	2021-22	2022-23
Tamil Nadu	N/A	N/A	N/A	107%	N/A	N/A	N/A	11,796
Telangana	N/A	N/A	N/A	126%	N/A	N/A	N/A	15,724
Tripura	N/A	107%	103%	103%	N/A	43	45	47
Uttar Pradesh	101%	115%	127%	106%	13,127	10,855	12,353	12,881
Uttarakhand	110%	109%	108%	109%	6,446	6,633	6,884	6,058
West Bengal ¹	N/A	N/A	N/A	N/A	8,627	8,627	9,001	9,391

Summary of findings:



Cross Subsidy and Consumption Trend for HT Industrial Consumers

HT Industrial Consumers | FY 2022-23



Notes:

- For Andaman & Nicobar Islands, cross subsidy is calculated based on ACoS (With Fuel Cost).
- State level aggregation is based on average of DISCOM level values weighted against corresponding energy sales.
- In absence of categorization, large and medium Industries are assumed under HT Industries while the small industries assumed under LT Industries, wherever applicable

Remarks:

- For Haryana, Odisha and West Bengal, the consumer category wise details are not provided.



SECTION 7

OPEN ACCESS CHARGES



Cross Subsidy Surcharge

(Figures Rs./kWh)

Andhra Pradesh		2022-23		
Category	APSPDCL	APEPDCL	APCPDCL	
HT Category at 11 kV				
HT I (B): Townships, Colonies, Gated Communities and Villas	1.45	1.47	1.53	
HT II (A) Commercial	2.19	2.27	2.32	
HT II (A) Function Halls/Auditoriums	2.45	2.45	2.45	
II (B) Start up power	2.45	2.45	2.45	
II (D) Green Power	2.45	--	2.45	
III (A) Industry General	1.76	1.71	1.72	
III (B) Seasonal Industry	2.6	2.69	3.18	
III (C) Energy Intensive Industries	--	--	--	
IV (A) Utilities-Major(Composite Protected Water Supply Schemes/PWS)	2.06	1.9	1.88	
IV (B) General Purpose	2.32	2.58	2.18	
HT V (E) Government / Private Lift Irrigation	1.15	1.43	1.31	
HT Category at 33 kV				
HT I (B): Townships, Colonies, Gated Communities and Villas	1.45	1.46	1.53	
HT II (A) Commercial	2.6	2.04	1.93	
II (B) Start up power	2.45	2.45	2.45	
II (D) Green Power	2.45	--	--	
III (A) Industry General	1.51	1.5	1.45	
III (B) Seasonal Industry	2.54	1.79	1.83	
III (C) Energy Intensive Industries	0.21	0.41	--	
IV (A) Utilities- Major (Composite Protected Water Supply Schemes/PWS)	1.71	4.24	--	
IV (B) General Purpose	2.11	1.45	2.16	
HT V (E) Government / Private Lift Irrigation	1.43	1.43	1.43	
HT Category at 133 kV				
II (A) Commercial	1.84	2.5	--	
II (B) Start Up Power	2.45	2.45	--	

Cross Subsidy Surcharge

(Figures Rs./kWh)

III (A) Industry General	1.37	1.41	1.39
III (C) Energy Intensive Industries	0.06	1.41	--
HT IV (D) Railway Traction	1.49	0.22	1.39
HT V (E) Government / Private Lift Irrigation	1.43	1.37	1.39
Assam	2022-23		
Category	APDCL		
HT Commercial	1.17		
HT Bulk Supply - Govt. Edu. Institutions	0		
HT Bulk Supply Others	1.08		
HT-II Industry above 150 kVA	0.46		
HT Tea, Coffee & Rubber Category	0.06		
HT Oil & Coal category	1.52		
Bihar	2022-23		
Category	NBPDCL	SBPDCL	
HT Category			
For 132 kV consumers	1.81	1.81	
For 33 kV consumers (other than HTSS)	1.86	1.86	
For 11 kV consumers (other than HTSS)	1.96	1.96	
For HTSS consumers (11 kV & 33 kV)	1.35	1.35	
Chandigarh	2022-23		
Category	Chandigarh Electricity Department (CED)		
HT Level/ Extra High Tension (EHT)	1.32		
Chhattisgarh	2022-23		
Category	CSPDCL		
220 kV/132 kV	0.62		
33 kV	0.90		
For procuring power from RE based power plant (excluding solar power), 50% of CSS shall be payable.			
Dadra & Nagar Haveli	2022-23		
Category	DNHPDCL		
11kV level	0.6		
66kV level	0.35		
220kV level	0.52		

Cross Subsidy Surcharge

(Figures Rs./kWh)

Daman & Diu	2022-23					
Category	DDED					
HT & EHT Level	0.59					
Delhi	2021-22					
Category	BRPL		BYPL		TPDDL	
Industrial						
Above 66kV level	1.9		1.88		1.87	
At 33/ 66kV level	1.9		1.88		1.87	
At 11 kV level	1.9		1.88		1.87	
At LT level	1.9		1.88		1.87	
Non-Domestic						
Above 66kV level	2.24		2.27		2.18	
At 33/ 66kV level	2.24		2.27		2.18	
At 11 kV level	2.24		2.27		2.18	
At LT level	2.24		2.27		2.18	
DMRC & DJB						
Above 66kV level	1.47		1.53		0.79	
At 33/ 66kV level	0.54		1.29		0.75	
At 11 kV level	0.47		1.23		0.64	
At LT level	0.03		0.8		0.26	
Goa	2022-23					
Category	Electricity Department, Goa (EDG)					
HT Level/ Extra High Tension (EHT)	1.67					
Gujarat	2022-23					
Category	DGVCL	PGVCL	MGVCL	UGVCL	TPL-DS	TPL-DA
HT Category	1.5	1.5	1.5	1.5	0.67	1.33
Haryana	2022-23					
Category	UHBVNL			DHBVNL		
HT Supply	1.21			1.21		
Bulk Supply (other than DS)	1			1		
Railways (Traction)	0.86			0.86		
LT Supply	0.96			0.96		
Non-Domestic Supply (HT Supply)	1.28			1.28		
Himachal Pradesh	2022-23					
Category	HPSEBL					
Large Industrial Power Supply EHT Consumers	0.43					

Cross Subsidy Surcharge

(Figures Rs./kWh)

HT 2 - Consumers	0.31				
Irrigation & Drinking Water Supply Category - EHT Consumers	0.47				
Irrigation & Drinking Water Supply Category - HT Consumers	0.22				
Bulk Supply Category - EHT Consumers	0.44				
Bulk Supply Category - HT Consumers	0.21				
Jharkhand	2020-21				
Category	JBVNL				
HT Services 11 kV	1.41				
HT Services 33 kV & Above	1.41				
Karnataka	2022-23				
Category	BESCOM	HESCOM	MESCOM	GESCOM	CESC
HT-1 Water Supply	1.27	1.27	1.27	1.27	1.27
HT-2a (i) Industries	2.08	NA	NA	NA	NA
HT-2a (ii) Industries	1.95	1.95	1.95	1.95	1.95
HT-2b (i) Commercial	2.75	NA	NA	NA	NA
HT-2b (ii) Commercial	2.59	2.59	2.59	2.59	2.59
HT-2c (i)	1.93	1.93	1.93	1.93	1.93
HT-2c (ii)	2.15	2.15	2.15	2.15	2.15
HT-3a (i) Lift Irrigation	0.63	0.63	0.63	0.63	0.63
HT-3a (ii) Lift Irrigation	1.05	1.05	1.05	1.05	1.05
HT-3a (iii) Lift Irrigation	0.74	0.74	0.74	0.74	0.74
HT-3b Irrigation & Agricultural Farms	1.03	1.03	1.03	1.03	1.03
HT-4 Residential Apartments	1.65	1.65	1.65	1.65	1.65
HT-5 Temporary	4.93	4.93	4.93	4.93	4.93
Kerala	2022-23				
Category	KSEBL				
EHT- I	1.36				
EHT- II	1.29				
EHT-III	1.33				
EHT-G (A)	1.30				
EHT-G (B)	1.89				
EHT-G (C)	1.80				
Railways	1.36				
KMRL	1.37				

Cross Subsidy Surcharge

(Figures Rs./kWh)

HT I(A) – Industry	1.54		
HT I(B) – Industry	1.67		
HT II – A	1.57		
HT II – B	1.85		
HT III – A	1.32		
HT III – B	0.63		
HT IV - Commercial (A)	2.06		
HT IV - Commercial (B)	2.18		
HT V	1.71		
Madhya Pradesh	2022-23		
Category	MPMaKVCL	MPPaKVCL	MPPoKVCL
HV- 2: Coal Mines	1.75	1.75	1.75
HV-3: HT Industrial, Non-Industrial and Shopping Malls	1.53	1.53	1.53
HV- 3.1: Industrial	1.58	1.58	1.58
HV- 3.2: Non-Industrial	1.86	1.86	1.86
HV- 3.3: Shopping Malls	1.82	1.82	1.82
HV- 3.4: Power Intensive Industries	1.02	1.02	1.02
HV- 4: Seasonal & Non-Seasonal	1.46	1.46	1.46
HV- 5: Irrigation, Public Water Works and Other than Agricultural	1.46	1.46	1.46
HV- 6: Bulk Residential Users	1.39	1.39	1.39
HV- 7: Synchronization and Start-Up Power	2.4	2.4	2.4
HV- 8: E-Vehicle/ E-Rickshaws Charging Stations	1.3	1.3	1.3
Maharashtra	2022-23		
Category	MSEDCL		
HT Category - EHV (66 kV and above)			
HT I(A): HT - Industry (General)	1.68		
HT I(B): HT - Industry (Seasonal)	2.26		
HT II: HT–Commercial	2.88		
HT III: HT-Railways/ Metro/ Monorail	1.44		
HT IV: HT-Public Water Works (PWW)	1.38		

Cross Subsidy Surcharge

(Figures Rs./kWh)

HT VI: HT Group Housing Society (Residential)	0.75			
HT IX(B): HT-Public Services-Others	1.94			
HT Category - 33 kV,22 kV & 11 kV				
HT I(A): HT - Industry (General)	1.7			
HT I(B): HT - Industry (Seasonal)	2.07			
HT II: HT-Commercial	2.61			
HT III: HT-Railways/ Metro/ Monorail	1.72			
HT IV: HT-Public Water Works (PWW)	1.53			
HT V(B): HT Agriculture Others	0.07			
HT VI: HT-Group Housing Society (Residential)	1.47			
HT VIII (B): HT - Temporary Supply Others (TSO)	2.81			
HT IX(A): HT - Public Services-Government	1.87			
HT IX(B): HT - Public Services-Others	1.87			
HT X: HT - Electric Vehicle Charging Station	1.68			
Meghalaya	2022-23			
Category	MePDCL			
HT Industrial	1.9			
EHT Industrial	1.47			
HT Ferro Alloys Industrial	1.09			
EHT Ferro Alloys Industrial	1			
Odisha	2022-23			
Category	TPCODL	TPNODL	TPSODL	TPWODL
HT	0.83	0.57	1.27	0.53
EHT	1.63	1.49	2.12	1.23
Puducherry	2022-23			
Category	Puducherry Electricity Department (PED)			
High Tension (HT) Level	2.13			
Extra High Tension (EHT) Level	1.46			
Punjab	2022-23			

Cross Subsidy Surcharge

(Figures Rs./kWh)

Category	PSPCL		
Large Supply	0.66		
Domestic Supply	0		
Non-Residential Supply	1.3		
Bulk Supply	1.3		
Rajasthan	2022-23		
Category	AVVNL	JdVVNL	JVVNL
Non- Domestic service			
11KV	2.31	2.31	2.31
33KV	2.24	2.24	2.24
132KV and above	2.22	2.22	2.22
Mixed Load/ Bulk Supply			
11KV	1.95	1.95	1.95
33KV	1.89	1.89	1.89
132KV and above	1.87	1.87	1.87
Large Industrial Service			
11KV	1.82	1.82	1.82
33KV	1.77	1.77	1.77
132KV and above	1.75	1.75	1.75
Tamil Nadu	2022-23		
Category	TANGEDCO		
HT IA: HT-Industry	1.79		
HT IIA: Govt. educational institute	1.95		
HT IIB: Pvt Educational Institute	2.19		
HT III - HT commercial	2.33		
HT V - Temporary Supply	3.11		
Telangana	2022-23		
Category	TSNPDCL	TSSPDCL	
HT Category 11 kV			
HT-I Industry General	1.99	1.97	
HT-II – Others	2.35	2.33	
HT - III Airport Bus and Railway Station	2.13	2.26	
HT-IV Lift Irrigation & Agriculture & CPWS	0.64	1.05	
HT-VI Townships & Residential Colonies	1.97	1.88	
HT-Temporary Supply	3.18	3.34	

Cross Subsidy Surcharge

(Figures Rs./kWh)

HT Category 33kV					
HT-I Industry Segregated	1.83			1.74	
HT-II – Others	2.28			2.03	
HT-IV Lift Irrigation & Agriculture & CPWS	1.25			1.24	
HT-VI Townships & Residential Colonies	1.67			1.78	
HT Category 132kV					
HT-I Industry Segregated	1.7			1.53	
HT-II – Others	4.1			1.98	
HT-IV Lift Irrigation & Agriculture & CPWS	1.52			1.41	
HT-V Railway Traction & HMR	1.38			1.4	
HT-VI Townships & Residential Colonies	1.63			--	
HT-III Airports, Bus & Rly Stations	--			1.62	
Tripura	2022-23				
Category	TSECL				
Commercial					
3-phase: All Units	0.37				
3-phase group	0.44				
Industrial					
Up to 5HP	-				
Up to 5HP (E-U/5)	-				
Above 5-20 HP	0.78				
Above 20-100 HP	1.41				
Above 100 HP	1.87				
Bulk Supply	0.01				
Mobile Tower	0.30				
Uttar Pradesh	2022-23				
Category	DVVNL	KESCO	PVVNL	PuVVNL	MVVNL
HV-1 (Supply at 11 kV)	1.91	1.91	1.91	1.91	1.91
HV-1 (Supply above 11 kV)	2.82	2.82	2.82	2.82	2.82
HV-2 (Supply at 11 kV)	0.77	0.77	0.77	0.77	0.77
HV-2 (Supply above 11 kV and upto 66kV)	0.67	0.67	0.67	0.67	0.67
HV-2 (Supply above 66 kV and upto 132kV)	0.76	0.76	0.76	0.76	0.76

Cross Subsidy Surcharge

(Figures Rs./kWh)

HV-2 (Supply above 132 kV)	1.06	1.06	1.06	1.06	1.06
HV-3 (At and above 132 kV)	2.17	2.17	2.17	2.17	2.17
HV-3 For Metro traction	1.79	1.79	1.79	1.79	1.79
HV-4 (Supply at 11 kV)	1.89	1.89	1.89	1.89	1.89
HV-4 (Supply above 11 kV and upto 66kV)	1.85	1.85	1.85	1.85	1.85
Uttarakhand	2022-23				
Category	UPCL				
HT Industrial	0.54				
Non-Domestic	0.94				

Notes:

- For Andhra Pradesh, regulatory commission has granted license to Andhra Pradesh Central Power Distribution Corporation Limited (APCPDCL), to undertake distribution of electricity in Krishna, Guntur and Prakasam districts of Andhra Pradesh state for 25 years with effect from 1st April 2020
- For Manipur, Mizoram, Nagaland, Sikkim and West Bengal, the commission has not approved cross subsidy surcharge in its latest tariff orders.
- For the state of Arunachal Pradesh Jammu & Kashmir and Ladakh, and UTs of Andaman & Nicobar Islands and Lakshadweep, the details of open access charges are not available in latest tariff order.
- Source: <http://delhisldc.org/resources/OpenAccessOrder.pdf>

Cross Subsidy Surcharge

(Figures Rs./kWh)

State	Category	Cross Subsidy Surcharge	
		Minimum	Maximum
Low Cross Subsidy Surcharge Level: ≤ Rs 1.50			
Chandigarh	LT	--	
	HT	1.32	
	EHT	1.32	
Chhattisgarh	LT	--	
	HT	0.62	
	EHT	0.90	
Dadra & Nagar Haveli	LT	0.60	
	HT	0.35	
	EHT	0.52	
Daman & Diu	LT	--	
	HT	0.59	
	EHT	0.59	
Gujarat	LT	--	
	HT	0.67	1.50
	EHT	--	
Haryana	LT	0.96	
	HT	1.00	1.28
	EHT	0.86	
Himachal Pradesh	LT	--	
	HT	0.21	0.31
	EHT	0.43	0.47
Jharkhand	LT	1.41	
	HT	1.41	
	EHT	1.41	
Punjab	LT	--	
	HT	0.66	
	EHT	0.66	
Uttarakhand	LT	--	
	HT	0.54	
	EHT	--	
Medium Cross Subsidy Surcharge Level: > Rs 1.50 to Rs. 2.00			
Assam	LT	--	
	HT	--	1.52
	EHT	--	
Bihar	LT	--	
	HT	1.35	1.96
	EHT	1.82	
Goa	LT	--	
	HT	1.67	
	EHT	1.67	

Cross Subsidy Surcharge

(Figures Rs./kWh)

State	Category	Cross Subsidy Surcharge	
		Minimum	Maximum
Meghalaya	LT	--	
	HT	1.09	1.90
	EHT	1.00	1.47
Tripura	LT	0.37	0.44
	HT	0.01	1.87
	EHT	--	
High Cross Subsidy Surcharge Level: > Rs. 2.00			
Andhra Pradesh	LT	--	
	HT	0.21	3.18
	EHT	0.06	2.50
Delhi	LT	0.03	2.27
	HT	0.54	2.27
	EHT	0.79	2.27
Karnataka	LT	--	
	HT	0.63	4.93
	EHT	--	
Kerala	LT	--	
	HT	0.63	2.18
	EHT	1.29	1.89
Madhya Pradesh	LT	--	
	HT	1.30	2.40
	EHT	1.02	
Maharashtra	LT	--	
	HT	0.07	2.81
	EHT	0.75	2.88
Odisha	LT	--	
	HT	0.53	1.27
	EHT	1.23	2.12
Puducherry	LT	--	
	HT	2.13	
	EHT	1.46	
Rajasthan	LT	1.82	2.31
	HT	1.77	2.24
	EHT	1.75	2.22
Tamil Nadu	LT	--	
	HT	1.79	3.11
	EHT	--	
Telangana	LT	0.64	3.34
	HT	1.24	2.28
	EHT	1.38	4.10
Uttar Pradesh	LT	0.77	1.91
	HT	0.67	2.82
	EHT	1.79	2.17

Additional Surcharge

(Figures Rs./kWh)

	Applicable Period	Additional Surcharge
Low Additional Surcharge Level: ≤ Rs 1.50		
Chandigarh	2022-23	1.40
Chandigarh ED	2022-23	1.40
Dadra & Nagar Haveli	2022-23	1.42
DNHPDCL	2022-23	1.42
Goa	2022-23	1.01
Goa PD	2022-23	1.01
Gujarat	2022-23	0.31
DGVCL	2022-23	0.31
MGVCL	2022-23	0.31
PGVCL	2022-23	0.31
UGVCL	2022-23	0.31
Haryana	2022-23	1.08
DHBVNL	2022-23	1.08
UHBVNL	2022-23	1.08
Himachal Pradesh	2022-23	0.75
HPSEBL	2022-23	0.75
Jharkhand	2020-21	0.00
JBVNL	2020-21	0.00
Karnataka	2022-23	1.20
BESCOM	2022-23	1.20
CESCOM	2022-23	1.20
GESCOM	2022-23	1.20
HESCOM	2022-23	1.20
MESCOM	2022-23	1.20
Kerala	2022-23	0.00
KSEBL	2022-23	0.00
Madhya Pradesh	2022-23	1.21
MPMaKVVCL	2022-23	1.21
MPPaKVVCL	2022-23	1.21
MPPoKVVCL	2022-23	1.21
Maharashtra	2022-23	1.27
MSEDCL	2022-23	1.27
Meghalaya	2022-23	0.44
MePDCL	2022-23	0.44
Odisha	2022-23	0.00
TPCODL	2022-23	0.00
TPNODL	2022-23	0.00
TPSODL	2022-23	0.00
TPWODL	2022-23	0.00

Additional Surcharge

(Figures Rs./kWh)

	Applicable Period	Additional Surcharge
Punjab	2022-23	0.70 (Partial Open Access) 1.10 (Full Open Access)
PSPCL	2022-23	0.70 (Partial Open Access) 1.10 (Full Open Access)
Rajasthan	2022-23	0.70
AVVNL	2022-23	0.70
JdVVNL	2022-23	0.70
JVVNL	2022-23	0.70
Telangana	2022-23	1.38
TSNPDCL	2022-23	1.38
TSSPDCL	2022-23	1.38
Uttarakhand	2022-23	1.14
UPCL	2022-23	1.14
Medium Additional Surcharge Level: > Rs 1.50 to Rs. 2.00		
Daman & Diu	2022-23	1.63
Daman & Diu ED	2022-23	1.63
Delhi	2021-22	(Oct-Apr): 1.29-1.76 (May-Sep): 0.64-0.88
BRPL	2021-22	(Oct-Apr): 1.46 (May-Sep): 0.73
BYPL	2021-22	(Oct-Apr): 1.29 (May-Sep): 0.64
TPDDL	2021-22	(Oct-Apr): 1.76 (May-Sep): 0.88
Puducherry	2022-23	1.58
Puducherry PD	2022-23	1.58
High Additional Surcharge Level: > Rs. 2.00		
Bihar	2022-23	2.10
NBPDCL	2022-23	2.10
SBPDCL	2022-23	2.10
Not Available for these states		
Andaman & Nicobar	2022-23	N/A
ED Andaman & Nicobar	2022-23	N/A
Andhra Pradesh	2022-23	N/A
APEPDCL	2022-23	N/A
APSPDCL	2022-23	N/A
APCPDCL	2022-23	N/A
Arunachal Pradesh	2018-19	N/A
Arunachal PD	2018-19	N/A
Assam	2022-23	N/A

Additional Surcharge

(Figures Rs./kWh)

	Applicable Period	Additional Surcharge
APDCL	2022-23	N/A
Chhattisgarh	2022-23	N/A
CSPDCL	2022-23	N/A
J&K and Ladakh	2022-23	N/A
JPDCL	2022-23	N/A
KPDCL	2022-23	N/A
LPDD	2022-23	N/A
Lakshadweep	2022-23	N/A
Lakshadweep ED	2022-23	N/A
Manipur	2022-23	N/A
MSPDCL	2022-23	N/A
Mizoram	2022-23	N/A
Mizoram PD	2022-23	N/A
Nagaland	2022-23	N/A
Nagaland PD	2022-23	N/A
Sikkim	2022-23	N/A
Sikkim PD	2022-23	N/A
Tripura	2022-23	N/A
TSECL	2022-23	N/A
Tamil Nadu	2022-23	N/A
TANGEDCO	2022-23	N/A
Uttar Pradesh	2022-23	N/A
DVVNL	2022-23	N/A
KESCO	2022-23	N/A
MVVNL	2022-23	N/A
PaVVNL	2022-23	N/A
PuVVNL	2022-23	N/A
West Bengal	2022-23	N/A
WBSSEDCL	2022-23	N/A

Notes:

- For Gujarat and Uttarakhand, the Additional Surcharge shall be applicable from 01.10.2022 till 31.03.2023.
- For Punjab, the Additional Surcharge shall be applicable from 01.04.2022 till 30.09.2022.

Wheeling Charges

(Figures Rs./kWh)

Wheeling Charges							
	Applicable Period	Voltage Level					
		Below 11 kV	11 kV	33 kV	66 kV	132 kV	200 kV & Above
Andaman & Nicobar	2022-23	N/A	N/A	N/A	N/A	N/A	N/A
ED Andaman & Nicobar	2022-23	N/A	N/A	N/A	N/A	N/A	N/A
Andhra Pradesh	2022-23	NA	--	--	--	--	--
APEPDCL	2022-23	NA	1.08	0.43	--	0.35	0.35
APSPDCL	2022-23	NA	1.17	0.46	--	0.35	0.35
APCPDCL	2022-23	NA	1.17	0.46	--	0.35	0.35
Arunachal Pradesh	2018-19	N/A	N/A	N/A	N/A	N/A	N/A
Arunachal PD	2018-19	N/A	N/A	N/A	N/A	N/A	N/A
Assam	2022-23	NA	0.33	0.33	NA	NA	NA
APDCL	2022-23	NA	0.33	0.33	NA	NA	NA
Bihar	2022-23	NA	0.51	0.47	NA	NA	NA
NBPDCL	2022-23	NA	0.51	0.47	NA	NA	NA
SBPDCL	2022-23	NA	0.51	0.47	NA	NA	NA
Chandigarh	2022-23	0.77	0.08				
Chandigarh ED	2022-23	0.77	0.08				
Chhattisgarh	2022-23	0.29					
CSPDCL	2022-23	0.29					
Dadra & Nagar Haveli	2022-23	1.05	0.07	NA	0.07	NA	0.04
DNHPDCL	2022-23	1.05	0.07	NA	0.07	NA	0.04
Daman & Diu	2022-23	0.91	0.09				
Daman & Diu ED	2022-23	0.91	0.09				
Delhi	2021-22	--	--	--	--	--	
BRPL	2021-22	1.14	1.06	1.05	NA	NA	
BYPL	2021-22	1.35	1.24	1.22	NA	NA	
TPDDL	2021-22	1.08	1.02	1.00	0.99	0.99	
Goa	2022-23	1.52	0.11				
Goa PD	2022-23	1.52	0.11				
Gujarat	2022-23	0.80	0.18	NA	NA	NA	NA
DGVCL	2022-23	0.80	0.18	NA	NA	NA	NA
MGVCL	2022-23	0.80	0.18	NA	NA	NA	NA
PGVCL	2022-23	0.80	0.18	NA	NA	NA	NA
UGVCL	2022-23	0.80	0.18	NA	NA	NA	NA
Haryana	2022-23	1.03	0.84				
DHBVNL	2022-23	1.03	0.84				
UHBVNL	2022-23	1.03	0.84				
Himachal Pradesh	2022-23	3.28	1.48	0.63	0.22		

Wheeling Charges

(Figures Rs./kWh)

Wheeling Charges							
	Applicable Period	Voltage Level					
		Below 11 kV	11 kV	33 kV	66 kV	132 kV	200 kV & Above
HPSEBL	2022-23	3.28	1.48	0.63	0.22		
J&K and Ladakh	2022-23	N/A	N/A	N/A	N/A	N/A	N/A
JPDCL	2022-23	N/A	N/A	N/A	N/A	N/A	N/A
KPDCL	2022-23	N/A	N/A	N/A	N/A	N/A	N/A
LPDD	2022-23	N/A	N/A	N/A	N/A	N/A	N/A
Jharkhand	2020-21	1.63	0.64	0.22			
JBVNL	2020-21	1.63	0.64	0.22			
Karnataka	2022-23						
BESCOM	2022-23	0.67	0.29			NA	NA
CESCOM	2022-23	0.93	0.40			NA	NA
GESCOM	2022-23	0.97	0.41			NA	NA
HESCOM	2022-23	0.86	0.37			NA	NA
MESCOM	2022-23	1.00	0.43			NA	NA
Kerala	2022-23	NA	0.61			NA	NA
KSEBL	2022-23	NA	0.61			NA	NA
Lakshadweep	2022-23	NA	NA	NA	NA	NA	NA
Lakshadweep ED	2022-23	NA	NA	NA	NA	NA	NA
Madhya Pradesh	2022-23	NA	NA	0.17	NA	NA	NA
MPMaKVVCL	2022-23	NA	NA	0.17	NA	NA	NA
MPPaKVVCL	2022-23	NA	NA	0.17	NA	NA	NA
MPPoKVVCL	2022-23	NA	NA	0.17	NA	NA	NA
Maharashtra	2022-23	1.35	0.57			NA	NA
MSEDCL	2022-23	1.35	0.57			NA	NA
Manipur	2022-23	0.82					
MSPDCL	2022-23	0.82					
Meghalaya	2022-23	1.29					
MePDCL	2022-23	1.29					
Mizoram	2022-23	1.92					
Mizoram PD	2022-23	1.92					
Nagaland	2022-23	1.60					
Nagaland PD	2022-23	1.60					
Odisha	2022-23	--	--	--	--	--	--
TPCODL	2022-23	NA	0.98			NA	NA
TPNODL	2022-23	NA	1.14			NA	NA
TPSODL	2022-23	NA	1.12			NA	NA
TPWODL	2022-23	NA	0.77			NA	NA

Wheeling Charges

(Figures Rs./kWh)

Wheeling Charges							
	Applicable Period	Voltage Level					
		Below 11 kV	11 kV	33 kV	66 kV	132 kV	200 kV & Above
Puducherry	2022-23	1.08	0.17			0.03	
Puducherry PD	2022-23	1.08	0.17			0.03	
Punjab	2022-23	0.73					
PSPCL	2022-23	0.73					
Rajasthan	2022-23	NA	0.77	0.16	NA	0.01	
AVVNL	2022-23	NA	0.77	0.16	NA	0.01	
JdVVNL	2022-23	NA	0.77	0.16	NA	0.01	
JVVNL	2022-23	NA	0.77	0.16	NA	0.01	
Sikkim	2022-23	4.84					
Sikkim PD	2022-23	4.84					
Tamil Nadu	2022-23	1.38					
TANGEDCO	2022-23	1.38					
Telangana	2021-22	1.08					
TSNPDCL	2021-22	1.08					
TSSPDCL	2021-22	1.08					
Tripura	2022-23	0.57					
TSECL	2022-23	0.57					
Uttar Pradesh	2022-23	0.92					
DVVNL	2022-23	0.92					
KESCO	2022-23	0.92					
MVVNL	2022-23	0.92					
PaVVNL	2022-23	0.92					
PuVVNL	2022-23	0.92					
Uttarakhand	2022-23	0.60					
UPCL	2022-23	0.60					
West Bengal	2022-23	0.99					
WBSEDCL	2022-23	0.99					



SECTION 8

BANKING CHARGES >>>>>

Banking Charges

State	DISCOM	Description of Banking Charges	Banking Period	Treatment of unutilized banked energy	Banking Quantum (in MU) – As approved by Regulator		
					FY-22	FY-21	FY-20
Andaman & Nicobar Islands	ED-A&NI	5.00%	12 months (FY)	1. Limited to 20% of the total generation by RE Generating Station: Deemed purchase at Average Power Purchase Cost (APPC) or Feed-in-Tariff determined for that year without considering subsidy and Accelerated Depreciation, whichever is lower. 2. In excess of 20% of the total generation by RE Generating Station: To lapse and no compensation.	NA	N/A	N/A
Andhra Pradesh	APEPDCL	2.00%	12 months (FY)	Equivalent to 50% of the Pooled Cost of Power Purchase, applicable for that FY, as determined by the Commission under RPPO/ REC Regulation	NA	0.00	0.00
	APSPDCL						
	APCPDCL						
Arunachal Pradesh	PD- Arunachal Pradesh	No Rules/ Regulations instituted in SERC			NA	N/A	N/A
Assam	APDCL	For Wind and Small Hydro: 2%	Within a period of one calendar year	NA	NA	N/A	N/A
		For Solar Generation: NIL					
Bihar	NBPDCL	RE based generating plants: 2%	12 months (FY)	To be treated as sold to distribution licensee	NA	Banking Purchase: 129.93 MU	Banking Sale: 130.18 MU
	SBPDCL	Other than RE based generating plants: 12.5%			NA	Banking Purchase: 158.74 MU	Banking Sale: 152.82 MU

Banking Charges

State	DISCOM	Description of Banking Charges	Banking Period	Treatment of unutilized banked energy	Banking Quantum (in MU) – As approved by Regulator		
					FY-22	FY-21	FY-20
Chandigarh	EWEDC	5.00%	12 months (FY)	1. Limited to 20% of the total generation by RE Generating Station: Deemed purchase at Average Power Purchase Cost (APPC) or Feed-in-Tariff determined for that year without considering subsidy and Accelerated Depreciation, whichever is lower. 2. In excess of 20% of the total generation by RE Generating Station: To lapse and no compensation.	NA	N/A	N/A
Chhattisgarh	CSPDCL	2.00%	12 months (FY)	1. To be purchased by DISCOM at lowest rooftop solar tariff discovered through competitive bidding in the last FY. 2. If such tariff is not available, lowest tariff through competitive bidding undertaken by SECI in last FY.	NA	Banking Purchase: 590.80 MU Banking Sale: 806 MU	Banking Purchase: 845.62 MU Banking Sale: 2,217.02 MU
Dadra & Nagar Haveli	ED-DNH	5.00%	12 months (FY)	1. Limited to 20% of the total generation by RE Generating Station: Deemed purchase at Average Power Purchase Cost (APPC) or Feed-in-Tariff determined for that year without considering subsidy and Accelerated Depreciation, whichever is lower. 2. In excess of 20% of the total generation by RE Generating Station: To lapse and no compensation.	NA	N/A	N/A
Daman & Diu	ED-D&D	5.00%	12 months (FY)	1. Limited to 20% of the total generation by RE Generating Station: Deemed purchase at Average Power Purchase Cost (APPC) or Feed-in-Tariff determined for that year without considering subsidy and Accelerated Depreciation, whichever is lower. 2. In excess of 20% of the total generation by RE Generating Station: To lapse and no compensation.	NA	N/A	N/A

Banking Charges

State	DISCOM	Description of Banking Charges	Banking Period	Treatment of unutilized banked energy	Banking Quantum (in MU) – As approved by Regulator		
					FY-22	FY-21	FY-20
Delhi	BRPL	Banking not allowed for supply of electricity from renewable energy sources through Open Access			NA	N/A	N/A
	BYPL				NA	N/A	N/A
	TPDDL				NA	N/A	N/A
Goa	ED-Goa	5.00%	12 months (FY)	1. Limited to 20% of the total generation by RE Generating Station: Deemed purchase at Average Power Purchase Cost (APPC) or Feed-in-Tariff determined for that year without considering subsidy and Accelerated Depreciation, whichever is lower. 2. In excess of 20% of the total generation by RE Generating Station: To lapse and no compensation.	NA	N/A	N/A
Gujarat	DGVCL	Applicable on solar power consumed by these consumers: 1. For Residential and Government - Not Applicable 2. For projects set up under captive use* - a) For Demand based - Rs.1.50/ unit b) For MSME Manufacturing units and	Daily Basis	To be purchased by DISCOM at 75% of the simple average of tariff discovered and contracted by GUVNL through competitive bidding undertaken in preceding 6 months Period.	NA	0.00	0.00

Banking Charges

State	DISCOM	Description of Banking Charges	Banking Period	Treatment of unutilized banked energy	Banking Quantum (in MU) – As approved by Regulator		
					FY-22	FY-21	FY-20
	MGVCL	other than demand based - Rs.1.10/ unit					
	PGVCL	3. For projects under Third Party Sale* - a) For Demand based - Rs.1.50/ unit b) For MSME Manufacturing units and other than LT demand based - Rs.1.10/ unit					
	UGVCL	4. For projects under REC Mechanism - Not Applicable Note: *Not Applicable for Govt Buildings					
Haryana	DHBVNL	Rs. 1.50/unit	12 months (FY)	To lapse and no compensation shall be claimed/ paid for such lapsed banked energy.	NA	Banking Sale: 790.76 MU	Banking Sale: 1,237.70 MU
	UHBVNL			However, for the solar energy banked during the last quarter of the FY to be carry forwarded to next FY.	NA	Banking Sale: 518.11 MU	Banking Sale: 841.90 MU
Himachal Pradesh	HPSEBL	No Rules/ Regulations instituted in SERC could be found			NA	Banking Sale: 1,370.10 MU	Banking Sale: 2,095.46 MU
Jammu & Kashmir and Ladakh	JPDCL	5.00%	12 months (FY)	1. Limited to 20% of the total generation by RE Generating Station: Deemed purchase at Average Power Purchase Cost (APPC) or Feed-in-Tariff	NA	N/A	N/A

Banking Charges

State	DISCOM	Description of Banking Charges	Banking Period	Treatment of unutilized banked energy	Banking Quantum (in MU) – As approved by Regulator		
					FY-22	FY-21	FY-20
	KPDCL			determined for that year without considering subsidy and Accelerated Depreciation, whichever is lower.			
	LPDD			2. In excess of 20% of the total generation by RE Generating Station: To lapse and no compensation.			
Jharkhand	JBVNL	2.00%	12 months (FY)	Deemed purchase by Discom(s) at the APPC as determined by the JSERC	NA	N/A	N/A
Karnataka	BESCOM	2.00%	12 months (FY)	- Any unutilized banked energy, remaining at the end of 6 months, to be treated as deemed purchase by ESCOM - To be paid at 85% of applicable generic RE tariff, as determined by the KERC from time to time.	NA	N/A	N/A
	CESCOM						
	HESCOM						
	GESCOM						
	MESCOM						
Kerala	KSEBL	Applicable for Prosumers and Captive Consumers: 5%	Monthly	-	NA	Banking Purchase: 122.28 MU Banking Sale: 330.75 MU	Banking Purchase: 352.67 MU Banking Sale: 228.83 MU
Lakshadweep	LED	5.00%	12 months (FY)	1. Limited to 20% of the total generation by RE Generating Station: Deemed purchase at Average Power Purchase Cost (APPC) or Feed-in-Tariff determined for that year without considering subsidy and Accelerated Depreciation, whichever is lower. 2. In excess of 20% of the total generation by RE Generating Station: To lapse and no compensation.	NA	N/A	N/A

Banking Charges

State	DISCOM	Description of Banking Charges	Banking Period	Treatment of unutilized banked energy	Banking Quantum (in MU) – As approved by Regulator		
					FY-22	FY-21	FY-20
Madhya Pradesh	MPMaKVVCL	5.00%	12 months (FY)	The remaining power would be construed as power purchased and the payment for the same shall be made by Discom/ MPPMCL as following: 1. For Solar or Wind Plant: At the rate equal to lowest tariff rate discovered in Solar/ Wind bidding in the current or previous year 2. For RE Plant (other than Solar or Wind): At APPC as determined by the MPERC in the Tariff Order	NA	N/A	N/A
	MPPaKVVCL						
	MPPoKVVCL						
Maharashtra	MSEDCL	2.00%	Monthly	- At the end of the month, the unutilized energy limited to 10% of actual total generation by such RE Generator in such month - To be purchased at a rate equivalent to that stipulated under yearly Generic RE Tariff Order applicable for respective technology.	NA	N/A	N/A
Manipur	MSPDCL	No Rules/ Regulations instituted in SERC			NA	NA	NA
Meghalaya	MePDCL	No Rules/ Regulations instituted in SERC could be found			NA	NA	NA
Mizoram	PD-Puducherry	No Rules/ Regulations instituted in SERC			NA	NA	NA
Nagaland	PD-Mizoram	No Rules/ Regulations instituted in SERC			NA	NA	NA
Orissa	All DISCOMS	No Rules/ Regulations instituted in SERC			NA	NA	NA
Puducherry	ED-Puducherry	5.00%	12 months (FY)	1. Limited to 20% of the total generation by RE Generating Station: Deemed purchase at Average Power Purchase Cost (APPC) or Feed-in-Tariff determined for that year without considering subsidy	NA	NA	NA

Banking Charges

State	DISCOM	Description of Banking Charges	Banking Period	Treatment of unutilized banked energy	Banking Quantum (in MU) – As approved by Regulator		
					FY-22	FY-21	FY-20
				and Accelerated Depreciation, whichever is lower. 2. In excess of 20% of the total generation by RE Generating Station: To lapse and no compensation.			
Punjab	PSPCL	Yet to decide	12 months (FY)	- Permitted to carry forward from month to month basis till the end of FY. - The unutilized energy to lapse at the end of FY and no compensation to be paid.	NA	NA	Banking Purchase: 4,482.29 MU Banking Sale: 4,262.74 MU
Rajasthan	AVVNL	10.00%	12 months (FY)	The unutilized energy to lapse at the end of FY and no compensation to be paid.	NA	NA	NA
	JVVNL						
	JdVVNL						
Sikkim	Power Department, Sikkim	No Rules/ Regulations instituted in SERC			NA	NA	NA
Tamil Nadu	TANGEDCO	For WEGs commissioned on or before 31st Mar'18: 14%	12 months (FY)	At the End of every FY paid to WEG at the 75% rate of Preferential Tariff fixed by TNERC	NA	NA	NA
		For WEGs commissioned from 1st Apr'18: No Banking Charges	1 Month	At the End of every month paid to WEG at the 75% rate of Wind Tender Tariff discovered during FY			
Telangana	TSSPDCL	2.00%	12 months (FY)	To be considered as deemed purchase by Discom(s) at the APPC as determined by TSERC for relevant year	NA	N/A	N/A
	TSNPDCL						

Banking Charges

State	DISCOM	Description of Banking Charges	Banking Period	Treatment of unutilized banked energy	Banking Quantum (in MU) – As approved by Regulator		
					FY-22	FY-21	FY-20
Tripura	TSECL	No Rules/ Regulations instituted in SERC			NA	N/A	N/A
Uttar Pradesh	DVVNL	For Solar and Wind Power (RE based Generation and Co-gen/ Captive RE plants): 6%	Q+2 Basis	- To be treated as sale to Discom(s) - Financial settlement at Rs. 2/unit or rate approved in PPA entered with Discom(s), whichever is less. - Banking charges to be deducted for unutilized banked energy	NA	N/A	N/A
	MVVNL				NA	N/A	N/A
	PVVNL	For Captive Plants (Non-RE/Others): 12%	12 months (FY)	- To be treated as sale to Discom(s) - Financial settlement at the rate approved for sale of power by captive plant. - Banking charges to be deducted for unutilized banked energy	NA	N/A	N/A
	PuVVNL				NA	N/A	N/A
	KESCO				NA	N/A	N/A
Uttarakhand	UPCL	12.50%	12 months (FY)	- On the expiry of the FY to be treated as sold to the Discom. - Financial Settlement at commission determined tariff	NA	N/A	N/A
West Bengal	WBSEDCL	No Rules/ Regulations instituted in SERC			NA	NA	NA

Note:

- 1) For respective ERC, details are based on the stipulated regulation of the respective JERC and irrespective of the actual banking transactions being done or not in the State/ UT



SECTION 9

CUMULATIVE REVENUE GAP/SURPLUS



Cumulative Revenue Gap/Surplus

DISCOMS	Cumulative Revenue Gap (+) / Surplus (-) in Rs Crore	Latest True Up (FY)	Latest ARR (FY)	Remarks
Andaman and Nicobar Islands	0	2020-21	2022-23	- Cumulative Revenue Gap till FY 2022-23 : Nil - The revenue gap approved in each year by the Commission is met through government budgetary support.
Andhra Pradesh	0	2020-21	2022-23	- Revenue Gap (ARR FY 2022-23) - APSPDCL : Rs 5,559.99 Cr - APEPDCL : Rs 2,899.18 Cr - APCPDCL : Rs 2,664.04 Cr - Total Revenue Gap as per ARR FY 2022-23 : Rs 11,123.21 Cr - Provision of Subsidy by Government of Andhra Pradesh: Rs 11,123.21 Cr - Cumulative Revenue Gap : Nil
Arunachal Pradesh	380	2016-17	2018-19	- Revenue Gap (ARR FY 2018-19) : Rs 379.66 Cr - The revenue gap does not include revenue gap/surplus from true up of 2016-17. The commission has followed similar practice in the previous ARRs as well. - The cumulative revenue gap could not be estimated in the absence of a cumulative true up of previous years.
Assam	0	2020-21	2022-23	- Cumulative Revenue Gap/(Surplus) till FY 2022-23: Rs 545.75 Cr - Tariff Hike of 8 % for meeting the Revenue gap: Rs 546 Cr - Cumulative Revenue Gap: Nil
Bihar	6.69	2020-21	2022-23	Revenue Gap (APR FY 2021-22): Rs 1,277.12 Cr (Gap not carried forwarded to FY 2022-23 as the gap arrived in review for FY 2021-22 is based on estimates submitted by Discoms and may vary with reference to audited accounts for FY 2021-22 while Truing-up. The APR shall be considered at the time of truing up)

Cumulative Revenue Gap/Surplus

DISCOMS	Cumulative Revenue Gap (+) / Surplus (-) in Rs Crore	Latest True Up (FY)	Latest ARR (FY)	Remarks
				2. Revenue Gap (ARR FY 2022-23): Rs 6.69 Cr 3. Cumulative Revenue Gap (effective): Rs 6.69 Cr
Chandigarh	(274)	2019-20	2022-23	1. Cumulative Revenue Surplus till FY 2022-23 : Rs 274.12 Cr
Chhattisgarh	0	2020-21	2022-23	1. Total Past Revenue Gap : 1,832.39 Cr 2. Standalone Revenue Surplus (ARR FY 2022-23) : 1,446.06 Cr 3. Cumulative Revenue Gap: Rs 386.33 Cr The revenue gap approved is bridged through Revision in tariff.
Dadra and Nagar Haveli	(1.86)	2020-21	2022-23	1. Cumulative Revenue Surplus till FY 2022-23 : Rs 1.86 Cr
Daman and Diu	(2.69)	2020-21	2022-23	1. Cumulative Revenue Surplus till FY 2022-23 : Rs 2.69 Cr (Regulatory Surcharge and revision in retail tariff for FY 2022-23)
Delhi	8,955	2019-20	2021-22	1. Cumulative Revenue gap (True Up FY 2019-20) : Rs 9,063.19 Cr 2. Revenue Surplus (APR FY 2020-21) : Rs 54.17 Cr 3. Revenue Surplus (ARR FY 2021-22) : Rs 54.39 Cr 4. Cumulative Revenue Gap : Rs 8,954.63 Cr
Goa	0	2016-17	2022-23	1. Revenue Gap till FY 2022-23 : Nil 2. The revenue gap approved each year by the Commission is met through Government Budgetary Support.
Gujarat	(2,901)	2020-21	2022-23	1. Cumulative Revenue Gap (True Up FY 2020-21) : Rs 178.94 Cr 2. Revenue Surplus (APR FY 2021-22) : Rs 1,718.25 Cr 3. Revenue Surplus (ARR FY 2022-23): Rs 1,362.16 Cr 4. Cumulative Revenue Surplus: Rs 2,901.47 Cr

Cumulative Revenue Gap/Surplus

DISCOMS	Cumulative Revenue Gap (+) / Surplus (-) in Rs Crore	Latest True Up (FY)	Latest ARR (FY)	Remarks
Haryana	(3.02)	2020-21	2022-23	1. Revenue Surplus (True Up 2021) : Rs 501.74 Cr 2. Revenue Gap (APR 2022) : Rs 76.01 Cr 3. Revenue Surplus (ARR 2023) : Rs 79.03 Cr 4. Total Revenue Surplus : Rs 3.02 Cr
Himachal Pradesh	0	2020-21	2022-23	1. Revenue Gap (ARR FY 2020-21 includes True Up FY 2017-18) : Nil 2. Revenue Gap (ARR FY 2022-23) : Nil 3. Cumulative Revenue Gap : Nil
Jammu & Kashmir and Ladakh	-	2019-20/ 2020-21 (Prov)	2022-23	1. Cumulative Revenue Gap (including carrying cost) up to FY 2022-23 for KPDCL : Rs 13,145 Cr 2. Cumulative Revenue Gap (including carrying cost) up to FY 2022-23 for JPDCL : Rs 8,153 Cr 3. Cumulative Revenue Gap up to FY 2022-23 for LPDD : Rs 54.30 Cr 4. The commission has decided that in absence of audited statement of accounts and True ups for past years, the treatment of revenue gap will be decided in future.
Jharkhand	196	2018-19	2020-21	1. Cumulative Revenue Gap till FY 2020-21 (including True Up 2019) : Rs 196.06 Cr
Karnataka	0	2020-21	2022-23	1. Revenue Gap (ARR FY 2022-23 including True Up FY 2020-21) : 0 Cr 2. Revenue Gap (ARR FY 2021-22 including True Up FY 2019-20) : 0 Cr 3. Total Revenue Gap : Nil As a practice, revenue gap approved in any year (post-tariff subsidy) is bridged through Revision in tariff.
Kerala	6,274	2020-21	2022-23	1. Opening Revenue Gap as on FY 2020-21 (As per MYT ARR for FY 2022-23 to FY 2026-27): Rs 7,123.66 Cr 2. Amortization recovery of revenue gap proposed during FY 2022-23 : Rs 850 Cr

Cumulative Revenue Gap/Surplus

DISCOMS	Cumulative Revenue Gap (+) / Surplus (-) in Rs Crore	Latest True Up (FY)	Latest ARR (FY)	Remarks
				3. Closing Revenue Gap for FY 2022-23 : Rs 6,273.66 Cr
Lakshadweep	0	2018-19	2022-23	1. Cumulative Revenue Gap : Nil 2. The revenue gap of Rs 160.67 Cr is met through tariff hike, in view of the budgetary support by the government to meet the balance revenue gap.
Madhya Pradesh	(0.71)	2020-21	2022-23	1. Revenue Gap (True Up FY 2019-20): Rs 2,030.92 Cr. The same is included in ARR of FY 2022-23 2. Revenue Gap (True Up FY 2019-20): Rs 225.75 Cr. The same is included in ARR of FY 2022-23 3. Cumulative Revenue Surplus : Rs 0.71 Cr
Maharashtra	4,580	2018-19	2022-23	1. Revenue Gap identified at the beginning of FY 2020-21 : Rs 12,043 Cr 2. Carrying cost for the period up to FY 2020-21 to FY 2023-25: Rs 4,628 Cr 3. Revenue Gap (ARR FY 2020-21) : Rs 3,256 Cr 4. Revenue Gap (ARR FY 2021-22) : Rs 1,332 Cr 5. Revenue Surplus (ARR FY 2022-23) : Rs 8 Cr Note: Based on the liquidation plan and tariff hike allowed in MYT order the cumulative revenue gap at the end of control period (i.e. FY 2024-25) is Nil.
Manipur	0	2018-19 (Provisional)	2022-23	1. Revenue Gap (ARR FY 2021-22) : Nil 2. Cumulative revenue gap has not been estimated in absence of a final true up.
Meghalaya	(9.85)	2019-20	2022-23	1. Revenue Gap (ARR FY 2020-21) : Rs 120.36 Cr 2. Revenue Surplus (ARR FY 2021-22) : Rs 47.39 Cr

Cumulative Revenue Gap/Surplus

DISCOMS	Cumulative Revenue Gap (+) / Surplus (-) in Rs Crore	Latest True Up (FY)	Latest ARR (FY)	Remarks
				3. Revenue Surplus (ARR FY 2022-23) : Rs 82.82 Cr 4. Total Revenue Surplus till FY 2022-23 : Rs 9.85 Cr
Mizoram	0	2020-21	2022-23	1. Revenue Gap till FY 2022-23 : Nil 2. The revenue gap approved each year by the Commission is met through revision in tariff and/or Government Budgetary Support.
Nagaland	0	2014-15 (Provisional)	2022-23	1. Revenue Gap for FY 2022-23 : Rs 20.74 Cr 2. The standalone revenue gap is to be bridged through state government subsidy. 3. The Commission has not carried out true up of FY 2020-21 and only provisional true up of FY 2014-15 is available in the absence of audited accounts. 4. Cumulative Revenue Gap till FY 2022-23 : Nil
Odisha	NA	2013-14	2022-23	1. The Cumulative Revenue Gap of GRIDCO is Rs 257 Cr till FY 2020-21. Since then the distribution business has been transferred to Private Entities and True up by these distribution licensees cannot be ascertained yet.
Puducherry	336.16	2020-21	2022-23	1. Cumulative Revenue Gap till FY 2022-23 : Rs 336.16 Cr
Punjab	88.05	2020-21	2022-23	1. Cumulative Revenue Gap till FY 2022-23 : Rs 88.05 Cr
Rajasthan	48,368	2020-21	2021-23	1. Cumulative Revenue Gap : Rs 48,368 Cr (unfunded gap up to FY 2022-23)
Sikkim	291.43	2020-21	2022-23	1. Revenue Gap (True Up FY 2019-20-Prov.) : Rs 165.13 Cr 2. Revenue Gap (True Up FY 2020-21-Prov.) : Rs 17.74 Cr 3. Revenue Gap (APR FY 2021-22) : Rs 18.40 Cr 4. Revenue Gap (ARR FY 2022-23) : Rs 90.06 Cr

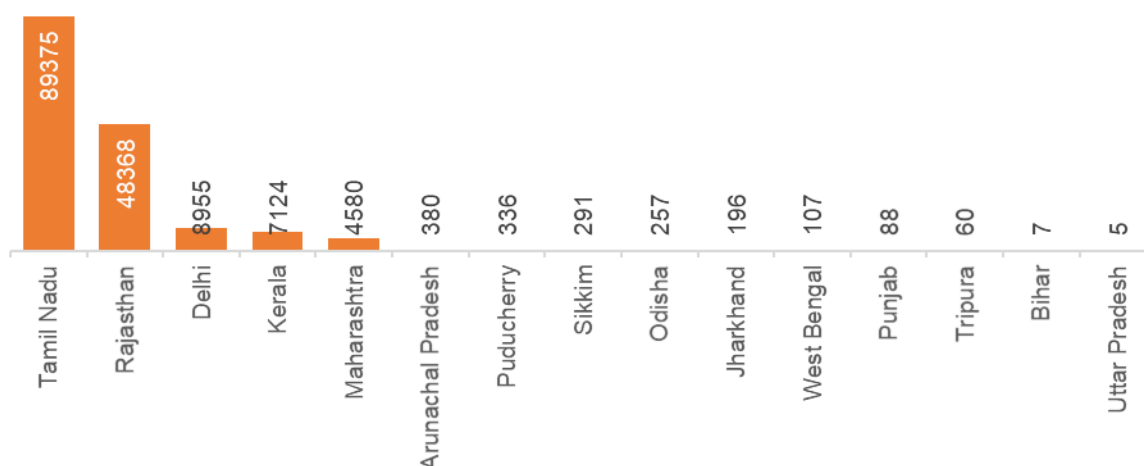
Cumulative Revenue Gap/Surplus

DISCOMS	Cumulative Revenue Gap (+) / Surplus (-) in Rs Crore	Latest True Up (FY)	Latest ARR (FY)	Remarks
				2. Total Revenue Gap : Rs 291.43 Cr
Tamil Nadu	89,375	2020-21	2022-23	1. Cumulative Revenue Gap (till FY 2021-22) : Rs 89,375 Cr
Telangana	0	2016-17 (Provisional)	2022-23	1. Revenue Gap (ARR FY 2022-23) : Rs 8,221.17 Cr 2. GoTS Tariff Subsidy Commitment : Rs 8,221.17 Cr 3. Effective Revenue gap : Nil
Tripura	60.47	2019-20	2022-23	1. Cumulative Revenue Gap till FY 2022-23 : Rs 60.47 Cr
Uttar Pradesh	5.47	2020-21	2022-23	1. Cumulative Revenue Gap till FY 2022-23 : Rs 5.47 Cr
Uttarakhand	(5.39)	2020-21	2022-23	1. Revenue Surplus (includes True Up FY 2020-21 and ARR FY 2022-23) : Rs 5.39 Cr
West Bengal	107	2012-13	2022-23	1. Cumulative Revenue Gap till FY 2022-23 – considering APR upto FY 2019-20 : Rs 107 Cr

Cumulative Revenue Gap/Surplus

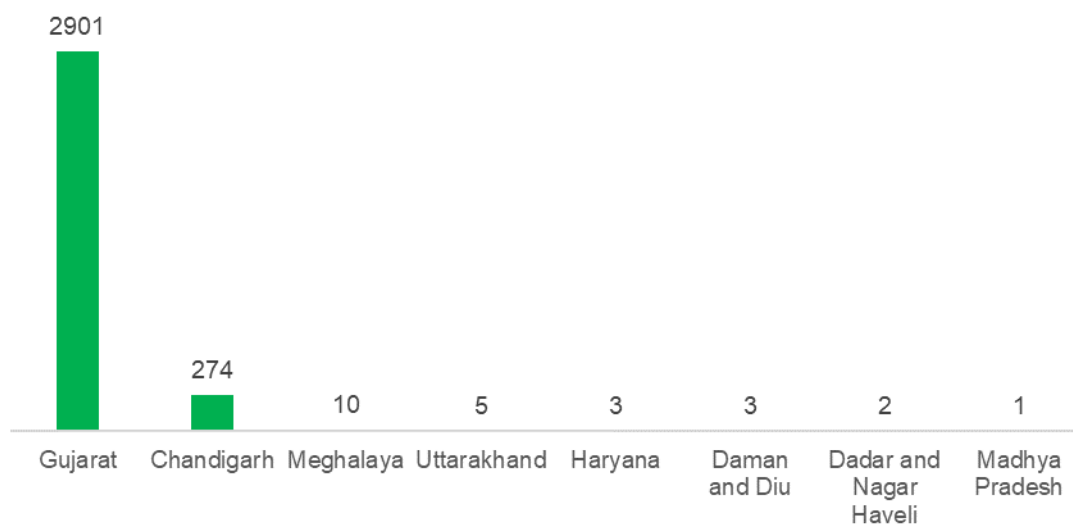
Summary of findings

States having Cumulative Revenue Shortfall (in Cr)



Total Revenue Gap for (12) States & UTs that have issued orders for 2022-23 : INR 1,60,130 Cr

Cumulative Revenue Surplus (in Cr)



Total Revenue surplus for (08) States & UTs having issued orders for 2022-23 : INR 3,199 Cr

Note: 10 States and UTs i.e., Andaman & Nicobar Islands, Andhra Pradesh, Assam, Chhattisgarh, Goa, Himachal Pradesh, Karnataka, Lakshadweep, Manipur, Mizoram, Nagaland, and Telangana, have highlighted no gap since the respective revenue gaps are bridged through government subsidy or tariff hikes. While for Jammu & Kashmir and Ladakh, the commission has not approved the revenue gap in absence of the audited accounts/true up for past years.



SECTION 10

APPLICABILITY OF TOD TARIFF >>>>

Applicability of TOD Tariff

State	Year	TOD Applicability	Consumer Category							
			Domestic	LT Commercial	LT Industrial	LT Others	Agriculture	HT Commercial	HT and EHT Industrial	HT and EHT Others
Andhra Pradesh	2022-23	Applicability (Yes/No)	No	No	No	No	No	Yes HT Commercial	Yes HT Category III (A): Industry (General)	No
Assam	2022-23	Applicability (Yes/No)	No	No	Yes Small Industries	No	No	No	Yes 1. HT-I Industries 2. HT-II Industries	Yes 1. HT-VI Tea, Coffee & Rubber plantation/production 2. HT-VII Installation of Oil & Coal sector
Bihar	2022-23	Applicability (Yes/No)	No	No	Yes 1. LTIS-I 2. LTIS-II & PWW	No	No	Yes HT Commercial	Yes 1. HTS- I (11 kV) 2. HTS- II (33 kV) 3. HTS- III (132 kV) 4. HTS- IV (220 kV) 5. HTSS- (33 kV/11 kV)	Yes Railway Traction Service
Chandigarh	2022-23	Applicability (Yes/No)	Yes HT Domestic (Optional)	No	No	No	No	Yes HT Commercial (Optional)	Yes LIS _B	Yes Bulk Supply

Applicability of TOD Tariff

State	Year	TOD Applicability	Consumer Category							
			Domestic	LT Commercial	LT Industrial	LT Others	Agriculture	HT Commercial	HT and EHT Industrial	HT and EHT Others
Chhattisgarh	2022-23	Applicability (Yes/No)	No	No	No	No	No	No	Yes 1. HV-2 (Mines) 2. HV-3 (Other Industrial & General Purpose) 3. HV-4 Steel Industries	No
Daman and Diu	2022-23	Applicability (Yes/No)	Yes Domestic	Yes Commercial	Yes LT Industrial	Yes LT PWW	Yes Agriculture	Yes HT consumers	Yes 1. HT Industrial (Ferro Metallurgical/ Steel Melting/ Steel Rerolling/ PII _B (All units))	Yes 1. Public Lighting 2. Hoardings /Signboards 3. Temporary Supply
Delhi	2021-22	Applicability (Yes/No)	No	Yes ToD is applicable with a condition that sanctioned load/MDI (whichever is higher) is 10kW/11kVA & above						Yes (DIAL, Public Utilities, Others)
Goa	2022-23	Applicability (Yes/No)	Yes HTD Domestic	No	Yes LTI/ Industrial (Optional)	No	Yes 1. HT-AG/HT-AGP (Pump Sets/Irrigation) 2. HT-AG/HT-AG (Allied Activities)	Yes HTC Commercial	Yes 1. HTI Industrial 2. HT-Ferro/ SM/PI/SR	Yes 1. MES _B / defense Establishments 2. HT Temporary

Applicability of TOD Tariff

State	Year	TOD Applicability	Consumer Category							
			Domestic	LT Commercial	LT Industrial	LT Others	Agriculture	HT Commercial	HT and EHT Industrial	HT and EHT Others
Gujarat	2022-23	Applicability (Yes/No)	No	No	No	Yes All PWW and sewerage pumps	No	Yes HTP-I HTP-III	Yes HTP-I	Yes HTP-I HTP-III
Haryana	2022-23	Applicability (Yes/No)	No	No	No	Yes EV Charging station	No	No	Yes HT NDS, Bulk Supply	Yes EV Charging station
Himachal Pradesh	2022-23	Applicability (Yes/No) ¹⁸	No	No	Yes 1. SIP _B with contract demand >20 KVA 2. MIP	No	Yes Irrigation & Drinking Water Pumping Supply (IDWPS)	No	Yes LIP _B	No
J&K and Ladakh	2022-23	Applicability (Yes/No)	No	No	No	No	No	No	Yes 1. HT Industrial supply (33kV and above) 2. HT Industrial supply for PIL _B (33kV) 3. Bulk Supply (33kV and above)	Yes 1. EV Charging station (33kV) 2. Railway Traction Service (33kV)
Jharkhand	2020-21	Applicability (Yes/No)	No	No	No	No	No	Yes HT Institutional	Yes Industrial HTS Consumer	No

Applicability of TOD Tariff

State	Year	TOD Applicability	Consumer Category							
			Domestic	LT Commercial	LT Industrial	LT Others	Agriculture	HT Commercial	HT and EHT Industrial	HT and EHT Others
Karnataka	2022-23	Applicability (Yes/No)	No	No	Yes 1. LT-5 (a) 2. LT-5 (b)	1. LT-6 (c)	No	Yes 1. HT-2B (i) 2. HT-2B (ii)	Yes 1. HT-2A (i) 2. HT-2A (ii)	Yes 1. HT 2 C (i) 2. HT- 2C(ii) 3. HT-1 PWW & STP (Optional) 4. EV Charging Stations* and Battery Swapping Stations*
Kerala	2022-23	Applicability (Yes/No)	Yes HT-V LT-1 having monthly consumption > 500 units (only 3 phase)	No	Yes LT IV (except the pumphouses of Kerala Water Authority)	No	No	No	No	Yes EHT & HT (except HT-V Domestic) consumer
Madhya Pradesh	2022-23	Applicability (Yes/No)	No	No	No	No	No	Yes 1. HV-3.2: Non-Industrial 2. HV-3.3: Shopping Mall	Yes 1. HV-3.1: Industrial 2. HV-3.4: PII _B 3. HV-4: Seasonal	Yes 1. HV-2: Coal Mines 2. HV-5.1: PWW 3. HV-5.2: Other than Agricultural

Applicability of TOD Tariff

State	Year	TOD Applicability	Consumer Category							
			Domestic	LT Commercial	LT Industrial	LT Others	Agriculture	HT Commercial	HT and EHT Industrial	HT and EHT Others
Maharashtra	2022-23	Applicability (Yes/No)	No	Yes 1. LT II - LT Commercial (B) > 20 kW and ≤ 50 kW load (C) > 50 kW load	Yes 1. LT-V -LT Industry	Yes 1. LT-PWW & STP 2. LT - GEI _B & Hospitals 3. LT - Public Services - Others 4. LT -EV Charging Stations	No	Yes HT II: HT-Commercial	Yes HT I: HT – Industry	Yes 1. HT IV- PWW _B & STP _B 2. HT VIII (A)-GEI & Hospitals 3. HT VIII (B)-Public Service - Others 4. HT IX- EV Charging Stations
Meghalaya	2022-23	Applicability (Yes/No)	No	No	No	No	No	No	Yes Industrial (HT/EHT)	No
Nagaland	2022-23	Applicability (Yes/No)	No	No	No	No	No	No	No	No
Odisha	2022-23	Applicability (Yes/No)	No	No	Yes SIP / MIP / LIP _B	Yes Specified Public Purpose PWW _B & Sewerage Pumping	Yes Irrigation Pumping, Agriculture & Allied Agro-Industrial Activities (LT & HT)	No	Yes All Industries HT & EHT category	Yes 3 Phase HT & EHT Others
Puducherry	2022-23	Applicability (Yes/No)	No	No	No	No	No	No	Yes HT/EHT Industrial	No

Applicability of TOD Tariff

State	Year	TOD Applicability	Consumer Category							
			Domestic	LT Commercial	LT Industrial	LT Others	Agriculture	HT Commercial	HT and EHT Industrial	HT and EHT Others
Punjab	2022-23	Applicability (Yes/No)	No	Yes Non-Residential Consumers Above 100 kVA	No	No	No	No	Yes MIP/ LIP _B	Yes EV Charging Stations Bulk Supply
Rajasthan	2022-23	Applicability (Yes/No)	No	No	No	Yes (EV/LT-8)	No	No	No	Yes (EV/HT-6)
Tamil Nadu	2022-23	Applicability (Yes/No)	No	No	Yes LT-III (B)	Yes LT-V	No	No	Yes HT-I and HT-III	No
Telangana	2022-23	Applicability (Yes/No)	No	No	No	No	No	Yes HT-III Airports, Bus stations and Railway stations	Yes HT-I(A): Industry General, Lights & Fans, Poultry Farms, Industrial Colonies Seasonal Industries	Yes HT-II (Others)
Tripura	2022-23	Applicability (Yes/No)	No	No	Yes Industrial	Yes PWW _B	Yes Irrigation	Yes Tea/ Coffee/ Rubber Gardens	Yes Industrial	Yes Bulk Supply having total connected load 25 KVA or above

Applicability of TOD Tariff

State	Year	TOD Applicability	Consumer Category							
			Domestic	LT Commercial	LT Industrial	LT Others	Agriculture	HT Commercial	HT and EHT Industrial	HT and EHT Others
Uttar Pradesh	2022-23	Applicability (Yes/No)	No	No	Yes LMV-6 Small & Medium Power	Yes LMV-3 Public Lamps LMV-11 EV Charging	No	No	Yes HV-2 Large & Heavy Power	No
Uttarakhand	2022-23	Applicability (Yes/No)	No	No	Yes RTS-5: Industry-LT Industry with load > 25 KW	No	No	No	Yes RTS-5: Industry-HT Industry	No
West Bengal	2022-23	Applicability (Yes/No)	No	Yes 1. Commercial Rural & Urban, 2. Commercial Plantation and short-term supply for commercial plantations	Yes 1. Cottage Industry/Artisans/Weavers 2. Short-term supply to small industry 3. Poultry, Duckery, Horticulture etc	Yes 1. PWW _B and sewerage system 2. Public Utility 11kv and 33kv 3. Govt aided and sponsored schools 4. Private hospitals	Yes 1. Irrigation Pumping for Agriculture 2. Short-term Supply (for I&C plantation) 3. Community I&C plantation	Yes Commercial consumer 50 kVA & above	Yes 1. Industry (Rural & Urban) 2. Industrial consumer 50 kVA & above 3. Industries 11kV & 33kV 4. Industries 220 kV & 400 kV	Yes 1. Emergency Supply 2. Construction Power Supply 3. Common Service of Industrial estate

Notes:

- For the States/UTs of Arunachal Pradesh, Manipur, Mizoram, Nagaland, Sikkim, Andaman & Nicobar Islands, Dadra & Nagar Haveli, and Lakshadweep, the commission has not approved any TOD tariffs in their latest tariff orders.



SECTION 11

RETURN ON EQUITY



Return on Equity (Distribution Utilities)

(Figures in %)

	Year	Approved RoE (in Rs. Cr)	Approved rate of post-tax RoE	Rate of post-tax RoE as per tariff regulations
Andaman & Nicobar	2022-23	27.65	16.00%	16.00%
EDAN	2022-23	27.65	16.00%	16.00%
Andhra Pradesh	2022-23	2028.5	14.00%	16.00%
APEPDCL	2022-23	572.4	14.00%	16.00%
APSPDCL	2022-23	1433.4	14.00%	16.00%
APCPDCL	2022-23	22.72	14.00%	16.00%
Arunachal Pradesh	2018-19	NA	0.00%	16.00%
Arunachal PD	2018-19	NA	0.00%	16.00%
Assam	2022-23	193.1	14.00%	16.00%
APDCL	2022-23	193.1	14.00%	16.00%
Bihar	2022-23	750.6	14.00 & 15.50 %	14% & 15.5%
NBPDCL	2022-23	412.39	14.00 & 15.50 %	14% & 15.5%
SBPDCL	2022-23	338.21	14.00 & 15.50 %	14% & 15.5%
Chandigarh	2022-23	Wire : 20.44 Supply : 2.34	15.50%-16.00%	15.50%-16.00%
CED	2022-23	Wire : 20.44 Supply : 2.34	Wire : 15.50% Supply : 16.00%	Wire : 15.50% Supply : 16.00%
Chhattisgarh	2022-23	357	16.00%	16.00%
CSPDCL	2022-23	357	16.00%	16.00%
Dadra & Nagar Haveli	2022-23	24.6	Wire : 15.50% Supply : 16.00%	Wire : 15.50% Supply : 16.00%
DNHPDCL	2022-23	24.6	Wire : 15.50% Supply : 16.00%	Wire : 15.50% Supply : 16.00%
Daman & Diu	2022-23	12	Wire : 15.50% Supply : 16.00%	Wire : 15.50% Supply : 16.00%
DDED	2022-23	12	Wire : 15.50% Supply : 16.00%	Wire : 15.50% Supply : 16.00%
Delhi	2021-22	1,288	16.00%	14.00%
BRPL	2021-22	576.4	16.00%	14.00%
BYPL	2021-22	290.3	16.00%	14.00%
TPDDL	2021-22	421.4	16.00%	14.00%
Goa	2022-23	64.4	Wire : 15.50% Supply : 16.00%	Wire : 15.50% Supply : 16.00%
Goa PD	2022-23	64.4	Wire : 15.50% Supply : 16.00%	Wire : 15.50% Supply : 16.00%
Gujarat	2022-23	1,362	14.00%	14.00%
DGVCL	2022-23	203	14.00%	14.00%
MGVCL	2022-23	177	14.00%	14.00%
UGVCL	2022-23	271.5	14.00%	14.00%
PGVCL	2022-23	710.4	14.00%	14.00%

Return on Equity (Distribution Utilities)

(Figures in %)

	Year	Approved RoE (in Rs. Cr)	Approved rate of post-tax RoE	Rate of post-tax RoE as per tariff regulations
Haryana	2022-23	487.1	10.00%	14.00%
DHBVNL	2022-23	236.7	10.00%	14.00%
UHBVNL	2022-23	250.3	10.00%	14.00%
Himachal Pradesh	2022-23	62.7	16.00%	16.00%
HPSEBL	2022-23	62.7	16.00%	16.00%
J&K and Ladakh	2022-23	0	0.00%	15.50%
JPDCCL	2022-23	0	0.00%	15.50%
KPDCL	2022-23	0	0.00%	15.50%
LPDD	2022-23	0	0.00%	15.50%
Jharkhand	2020-21	322	15.50%	15.50%
JBVNL	2020-21	322	15.50%	15.50%
Karnataka	2022-23		0.00%-15.50%	15.50%
BESCOM	2022-23	353	15.50%	15.50%
CESCOM	2022-23	0	0.00%	15.50%
GESCOM	2022-23	0	0.00%	15.50%
HESCOM	2022-23	0	0.00%	15.50%
MESCOM	2022-23	152	15.50%	15.50%
Kerala	2022-23	253.50	14.00%	14.00%
KSEBL	2022-23	253.50	14.00%	14.00%
Lakshadweep	2022-23	10	16.00%	16.00%
LED	2022-23	10	16.00%	16.00%
Madhya Pradesh	2022-23	821.1	14%	14%
MPMaKVVCL	2022-23	331.7	14%	14%
MPPaKVVCL	2022-23	183.2	14%	14%
MPPoKVVCL	2022-23	306.2	14%	14%
Maharashtra	2022-23	2,270	Wire : 16.96% Supply : 18.78%	Wire : 16.96% Supply : 18.78%
MSEDCL	2022-23	Wire : 2,021 Supply : 249	Wire : 16.96% Supply : 18.78%	Wire : 16.96% Supply : 18.78%
Manipur	2022-23	1.6	15.50%	15.50%
MSPDCL	2022-23	1.6	15.50%	15.50%
Meghalaya	2022-23	0	0.00%	
MePDCL	2022-23	0	0.00%	
Mizoram	2022-23	0	0.00%	15.50%
Mizoram PD	2022-23	0	0.00%	15.50%
Nagaland	2022-23	0	0.00%	15.50%
Nagaland PD	2022-23	0	0.00%	15.50%
Odisha	2022-23	168	16.00%	16.00%
TPCODL	2022-23	48	16.00%	16.00%

Return on Equity (Distribution Utilities)

(Figures in %)

	Year	Approved RoE (in Rs. Cr)	Approved rate of post-tax RoE	Rate of post-tax RoE as per tariff regulations
TPNODL	2022-23	40	16.00%	16.00%
TPSODL	2022-23	32	16.00%	16.00%
TPWODL	2022-23	48	16.00%	16.00%
Puducherry	2022-23	46.3	Wire : 15.50% Supply : 16.00%	Wire : 15.50% Supply : 16.00%
Puducherry PD	2022-23	46.3	Wire : 15.50% Supply : 16.00%	Wire : 15.50% Supply : 16.00%
Punjab	2022-23	Wire : 529.8 Supply : 58.80	16.00%	16.00%
PSPCL	2022-23	Wire : 529.8 Supply : 58.80	16.00%	16.00%
Rajasthan	2022-23	0	0.00%	16.00%
AVVNL	2022-23	0	0.00%	16.00%
JdVVNL	2022-23	0	0.00%	16.00%
JVVNL	2022-23	0	0.00%	16.00%
Sikkim	2022-23	0	0.00%	14.00%
Sikkim PD	2022-23	0	0.00%	14.00%
Tamil Nadu	2022-23	0	0.00%	14.00%
TANGEDCO	2022-23	0	0.00%	14.00%
Telangana	2022-23	438.2	14.00%	14.00%
TSNPDCL	2022-23	174.7	14.00%	14.00%
TSSPDCL	2022-23	263.5	14.00%	14.00%
Tripura	2022-23	19.63	15.50%	15.50%
TSECL	2022-23	19.63	15.50%	15.50%
Uttar Pradesh	2022-23	2,492	15.00%	15.00%
DVVNL	2022-23	621	15.00%	15.00%
KESCO	2022-23	55	15.00%	15.00%
MVVNL	2022-23	589	15.00%	15.00%
PaVVNL	2022-23	629	15.00%	15.00%
PuVVNL	2022-23	598	15.00%	15.00%
Uttarakhand	2022-23	154.7	16.50%	16.50%
UPCL	2022-23	154.7	16.50%	16.50%
West Bengal	2022-23	322.1	16.50%	16.50%
WBSEDCL	2022-23	322.1	16.50%	16.50%

Notes:

- For Maharashtra, Punjab, Goa, Daman & Diu, Dadra & Nagar Haveli, Chandigarh, and Puducherry, approved rate of RoE values has been captured separately for wires and supply business.
- For the state of Mizoram, Return on Equity is not considered for 2022-23 like the convention hitherto being followed in the absence of Equity.

Return on Equity (Generation Utilities)

(Figures in %)

	Year	Approved RoE (in Rs. Cr)	Approved rate of post-tax RoE	Rate of post-tax RoE as per tariff regulations
Andaman & Nicobar	2022-23	NA	NA	15.50%
ED Andaman & Nicobar	2022-23	NA	NA	15.50%
Andhra Pradesh	2022-23	553.2	15.50%	15.50%
APGENCO	2022-23	553.2	15.50%	15.50%
Arunachal Pradesh	2019-20	23	14.00%	17.56%
Arunachal PD	2019-20	23	14.00%	17.56%
Assam	2022-23	43.8	15.50%	15.50%
APGCL	2022-23	43.8	15.50%	15.50%
Bihar	2018-19	245	14.00%	14.00%
BSPGCL	2018-19	245	14.00%	14.00%
Chandigarh	2022-23	NA	NA	15.50%
Chandigarh ED	2022-23	NA	NA	15.50%
Chhattisgarh	2022-23	416	14.00%	14.00%
CSPGCL	2022-23	416	14.00%	14.00%
Dadra & Nagar Haveli	2022-23	NA	NA	15.50%
DNHPDCL	2022-23	NA	NA	15.50%
Daman & Diu	2022-23	NA	NA	15.50%
Daman & Diu ED	2022-23	NA	NA	15.50%
Delhi	2021-22	53	8.72%	NA
IPGCL	2021-22	15	8.43%	NA
PPCL	2021-22	38	6.33%	NA
Goa	2022-23	NA	NA	15.50%
Goa PD	2022-23	NA	NA	15.50%
Gujarat	2022-23	1078	13.00%-14.00%	13.00%-14.00%
GSECL	2022-23	1078	13.00%-14.00%	13.00%-14.00%
Haryana	2022-23	211.5	10.00%	14.00%
HPGCL	2022-23	211.5	10.00%	14.00%
Himachal Pradesh	2021-22	28.76	15.50%	15.50%
HPSEB Ltd.	2021-22	28.76	15.50%	15.50%
J&K and Ladakh	2022-23	75.03	15.50%	15.50%
JKPDCL	2022-23	75.03	15.50%	15.50%
Jharkhand	2020-21	3	15.50%	15.50%
JUUNL	2020-21	3	15.50%	15.50%
Karnataka	2018-19	31	15.50%	15.50%
KPCL	2018-19	31	15.50%	15.50%
Kerala	2022-23	116.38	14.00%	14.00%
KSEBL	2022-23	116.38	14.00%	14.00%
Lakshadweep	2022-23	NA	NA	15.50%
Lakshadweep ED	2022-23	NA	NA	15.50%
Madhya Pradesh	2022-23	816.42	15.50%	15.50%

Return on Equity (Generation Utilities)

(Figures in %)

	Year	Approved RoE (in Rs. Cr)	Approved rate of post-tax RoE	Rate of post-tax RoE as per tariff regulations
MPPGCL	2022-23	816.42	15.50%	15.50%
Maharashtra	2022-23	1,621	14.00%	15.50%
MSPGCL	2022-23	1,621	14.00%	15.50%
Manipur	2021-22	1.6	NA	15.50%
MSPCL	2021-22	1.6	NA	15.50%
Meghalaya	2022-23	63.3	NA	NA
MePGCL	2022-23	63.3	NA	NA
Mizoram	2022-23	0	0.00%	15.50%
Mizoram PD	2022-23	0	0.00%	15.50%
Nagaland	2022-23	0	0.00%	15.50%
Nagaland PD	2022-23	0	0.00%	15.50%
Odisha	2022-23	156	16.00%	16.00%
OHPC	2022-23	84	15.50% & 16.00%	15.50% & 16.00%
OPGCL	2022-23	72	16.00%	16.00%
Puducherry	2022-23	11.20	15.50%	15.50%
PPCL	2022-23	11.20	15.50%	15.50%
Punjab	2022-23	386	15.50% - 16.50%	15.50% - 16.50%
PSPCL	2022-23	386	15.50% - 16.50%	15.50% - 16.50%
Rajasthan	2022-23	0	0.0%	15.00%
RRVUNL	2022-23	0	0.0%	15.00%
Sikkim	2022-23	0	0.00%	14.00%
Sikkim PD	2022-23	0	0.00%	14.00%
Tamil Nadu	2022-23	0	0.00%	14.00%
TANGEDCO	2022-23	0	0.00%	14.00%
Telangana	2022-23	1625.4	15.50% - 16.50%	16.50%
TSGENCO	2022-23	1625.4	15.50% - 16.50%	16.50%
Tripura	2022-23	13.50	15.50%-16.50%	15.50% - 16.50%
TPGL	2022-23	13.50	15.50%-16.50%	15.50% - 16.50%
Uttar Pradesh	2018-19	136	15.50%	15.50%
UPJVNL	2018-19	11.40	15.50%	15.50%
UPRVUNL	2018-19	124.30	15.50%	15.50%
Uttarakhand	2022-23	63.24	16.5% & 15.50%	16.5% & 15.50%
UJVNL	2022-23	63.24	16.5% & 15.50%	16.5% & 15.50%
West Bengal	2022-23 & 2021-23	912	0.00% & 15.50%	15.50%
WBPDCCL	2022-23	864.5	15.50%	15.50%
WBSEDCL	2021-23	47.2	15.50%	15.50%

Return on Equity (Transmission Utilities)

(Figures in %)

	Year	Approved RoE (in Rs. Cr)	Approved rate of post-tax RoE	Rate of post-tax RoE as per tariff regulations
Andaman & Nicobar	2022-23	NA	NA	15.50%
ED Andaman & Nicobar	2022-23	NA	NA	15.50%
Andhra Pradesh	2022-23	1349	11.23%	14.00%
APTRANSCO	2022-23	1349	11.23%	14.00%
Arunachal Pradesh	2018-19	NA	NA	14.00%
Arunachal PD	2018-19	NA	NA	14.00%
Assam	2022-23	13.7	13.50%	15.50%
AEGCL	2022-23	13.7	13.50%	15.50%
Bihar	2022-23	278.2	10.00%	14.00 & 15.50%
BSPTCL	2022-23	278.2	10.00%	14.00 & 15.50%
Chandigarh	2022-23	NA	NA	14.00%
Chandigarh ED	2022-23	NA	NA	14.00%
Chhattisgarh	2022-23	212	14.00%	14.00%
CSPTCL	2022-23	212	14.00%	14.00%
Dadra & Nagar Haveli	2022-23	8.2	15.50%	15.50%
DNHPDCL	2022-23	8.2	15.50%	15.50%
Daman & Diu	2022-23	NA	NA	15.50%
Daman & Diu ED	2022-23	NA	NA	15.50%
Delhi	2021-22	484	NA	14.00%
DTL	2021-22	484	NA	14.00%
Goa	2022-23	NA	NA	15.50%
Goa PD	2022-23	NA	NA	15.50%
Gujarat	2022-23	1,154.2	14.00%	14.00%
GETCO	2022-23	1,154.2	14.00%	14.00%
Haryana	2022-23	267.88	10.00%	14.00%
HVPNL	2022-23	267.88	10.00%	14.00%
Himachal Pradesh	2022-23	3.3	15.50%	15.50%
HPPTCL	2022-23	3.3	15.50%	15.50%
J&K and Ladakh	2022-23	NA	NA	15.50%
JKPTCL	2022-23	NA	NA	15.50%
Jharkhand	2020-21	92	15.50%	15.50%
JUSNL	2020-21	92	15.50%	15.50%
Karnataka	2022-23	1027.69	15.50%	15.50%
KPTCL	2022-23	1027.69	15.50%	15.50%
Kerala	2022-23	120	14.00%	14.00%
KSEBL	2022-23	120	14.00%	14.00%
Lakshadweep	2022-23	NA	NA	15.50%

Return on Equity (Transmission Utilities)

(Figures in %)

	Year	Approved RoE (in Rs. Cr)	Approved rate of post-tax RoE	Rate of post-tax RoE as per tariff regulations
Lakshadweep ED	2022-23	NA	NA	15.50%
Madhya Pradesh	2022-23	644.8	15.50%	15.50%
MPPTCL	2022-23	644.8	15.50%	15.50%
Maharashtra	2022-23	1,189	16.96%	14.00%
MSETCL	2022-23	1,189	16.96%	14.00%
Manipur	2022-23	1.6	15.50%	15.50%
MSPCL	2022-23	1.6	15.50%	15.50%
Meghalaya	2022-23	15.7	14.00%	14.00%
MePTCL	2022-23	15.7	14.00%	14.00%
Mizoram	2022-23	NA	NA	15.50%
Mizoram PD	2022-23	NA	NA	15.50%
Nagaland	2022-23	0	0.00%	15.50%
Nagaland PD	2022-23	0	0.00%	15.50%
Odisha	2022-23	141.67	15.50%	15.50%
OPTCL	2022-23	141.67	15.50%	15.50%
Puducherry	2022-23	NA	NA	15.50%
Puducherry PD	2022-23	NA	NA	15.50%
Punjab	2023-23	112.6	15.50%	15.50%
PSTCL	2023-23	112.6	15.50%	15.50%
Rajasthan	2022-23	0	0.00%	14.00%
RRVPL	2022-23	0	0.00%	14.00%
Sikkim	2022-23	NA	NA	14.00%
Sikkim PD	2022-23	NA	NA	14.00%
Tamil Nadu	2022-23	540.03	14.00%	14.00%
TANTRANSCO	2022-23	540.03	14.00%	14.00%
Telangana	2022-23	1532.2	10.89%	NA
TSTRANSCO	2022-23	1532.2	10.89%	NA
Tripura	2022-23	5.12	15.50%	15.50%
TSECL	2022-23	5.12	15.50%	15.50%
Uttar Pradesh	2022-23	192	2.00%	15.50%
UPPTCL	2022-23	192	2.00%	15.50%
Uttarakhand	2022-23	48.42	15.50%	15.50%
PTCUL	2022-23	48.42	15.50%	15.50%
West Bengal	2022-23	535.7	15.50%	15.50%
WBSETCL	2022-23	535.7	15.50%	15.50%



SECTION 12

TRANSMISSION CHARGES



Transmission Charges

	Applicable Year	Long & Medium Term	Unit	Short Term	Unit
Andhra Pradesh¹	2022-23	173790.31	Rs/MW/month	154544	Rs/MW/month
APTRANSCO	2022-23	173790.31	Rs/MW/month	154544	Rs/MW/month
Arunachal Pradesh	2018-19	71253.00	Rs/MW/month	0.20	Rs/kWh
Arunachal PD	2018-19	71253.00	Rs/MW/month	0.20	Rs/kWh
Assam¹	2022-23	5409.66	Rs/MW/Day	0.43	Rs/kWh
AEGCL	2022-23	5409.66	Rs/MW/Day	0.43	Rs/kWh
Bihar	2022-23	114.35	Rs. Cr./month	0.40	Rs/kWh
BSPTCL	2022-23	114.35	Rs. Cr./month	0.40	Rs/kWh
Chhattisgarh¹	2022-23	83.92	Rs. Cr./month	0.34	Rs/kWh
CSPTCL	2022-23	83.92	Rs. Cr./month	0.34	Rs/kWh
Dadra & Nagar Haveli	2022-23	24935.60	Rs/MW/month	24935.6	Rs/MW/month
DNHPDCL	2022-23	24935.60	Rs/MW/month	24935.6	Rs/MW/month
Delhi	2021-22	92.86	Rs. Cr./month	-	-
DTL	2021-22	92.86	Rs. Cr./month	-	-
Gujarat¹	2022-23	4047.60	Rs/MW/Day	0.36	Rs/kWh
GETCO	2022-23	4047.60	Rs/MW/Day	0.36	Rs/kWh
Haryana	2022-23	184.04	Rs. Cr./month	0.42	Rs/kWh
HVPNL	2022-23	184.04	Rs. Cr./month	0.42	Rs/kWh
Himachal Pradesh	2022-23	3.02	Rs. Cr./month	0.07	Rs/kWh
HPPTCL	2022-23	3.02	Rs. Cr./month	0.07	Rs/kWh
J&K and Ladakh¹	2022-23	11.64	Rs. Cr./month	1,090	Rs/MW/Day
JKPDD-T	2022-23	11.64	Rs. Cr./month	1,090	Rs/MW/Day
Jharkhand	2020-21	66.25	Rs. Cr./month	0.34	Rs/kWh
JUSNL	2020-21	66.25	Rs. Cr./month	0.34	Rs/kWh
Karnataka	2022-23	169433.00	Rs/MW/month	1,392.60 ^{2a}	Rs. Cr./month
				696.30 ^{2b}	
				348.15 ^{2c}	
KPTCL	2022-23	169433.00	Rs/MW/month	1,392.60 ^{2a}	Rs. Cr./month
				696.30 ^{2b}	
				348.15 ^{2c}	
Kerala	2022-23	0.44	Rs/kWh	9869	Rs/MW/Day
KSEBL	2022-23	0.44	Rs/kWh	9869	Rs/MW/Day
Madhya Pradesh	2022-23	145739.34	Rs/MW/month	0.13	Rs/kWh
MPPTCL	2022-23	145739.34	Rs/MW/month	0.13	Rs/kWh
Maharashtra¹	2022-23	260092.34	Rs/MW/month	0.41	Rs/kWh
MSETCL	2022-23	260092.34	Rs/MW/month	0.41	Rs/kWh
Manipur	2022-23	193378.67	Rs/MW/month	0.48	Rs/kWh
MSPCL	2022-23	193378.67	Rs/MW/month	0.48	Rs/kWh

Transmission Charges

	Applicable Year	Long & Medium Term	Unit	Short Term	Unit
Meghalaya	2022-23	250990.44	Rs/MW/month	0.47	Rs/kWh
MePTCL	2022-23	250990.44	Rs/MW/month	0.47	Rs/kWh
Odisha	2022-23	0.28	Rs/kWh	0.28	Rs/kWh
OPTCL	2022-23	0.28	Rs/kWh	0.28	Rs/kWh
Punjab¹	2022-23	99878.94	Rs/MW/month	234.5	Rs/MWh
PSTCL	2022-23	99878.94	Rs/MW/month	234.5	Rs/MWh
Rajasthan¹	2022-23	153.71	Rs/kW/month	0.311	Rs/kWh
RRVPL	2022-23	153.71	Rs/kW/month	0.311	Rs/kWh
Tamil Nadu	2022-23	5159.26	Rs/MW/Day	-	-
TANTRANSCO	2022-23	5159.26	Rs/MW/Day	-	-
Telangana	2022-23	129450.69	Rs/MW/month	-	-
TSTRANSCO	2022-23	129450.69	Rs/MW/month	-	-
Tripura	2022-23	1.62	Rs/kWh	-	-
TSECL	2022-23	1.62	Rs/kWh	-	-
Uttar Pradesh	2022-23	0.2465	Rs/kWh	0.2465	Rs/kWh
UPPTCL	2022-23	0.2465	Rs/kWh	0.2465	Rs/kWh
Uttarakhand	2022-23	102744.76	Rs/MW/month	-	-
PTCUL	2022-23	102744.76	Rs/MW/month	-	-
West Bengal	2022-23	174033.17	Rs/MW/month	-	-
WBSETCL	2022-23	174033.17	Rs/MW/month	-	-

Remarks:

- For these states, medium term transmission charges are provided in tariff order and are same as long term. As for the remaining states medium term has not been mentioned separately.
- (2a) >12 to 24 hours/day/block (2b) >6 to 12 hours/day/block (2c) Upto 6 hours/day/block



SECTION 13

NUMBER OF PENDING CASES



Number of Pending Cases

	Petitions Pending			Tariff Petitions			True-up Petitions			Dispute Related			Other cases		
Pending for (Months)→	<3	3-6	>6	<3	3-6	>6	<3	3-6	>6	<3	3-6	>6	<3	3-6	>6
Organization															
APTEL	143	166	1856	NA	NA	NA	NA	NA	NA	NA	NA	NA	143	166	1856
CERC	112	86	510	20	3	92	11	1	77	64	60	321	17	22	20
SERC/JERC															
Andhra Pradesh	40	18	39	17	4	12	0	0	0	23	14	27	0	0	0
Arunachal Pradesh	3	0	4	2	0	4	1	0	0	0	0	0	0	0	0
Assam	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bihar	10	0	1	5	0	0	5	0	1	0	0	0	0	0	0
Chhattisgarh	26	4	9	6	2	3	0	0	0	15	0	2	5	2	4
Delhi	12	29	64	1	6	0	1	6	0	0	1	13	10	16	51
Goa	3	3	0	3	1	0	0	0	0	0	0	0	0	2	0
Gujarat	18	39	129	9	0	0	0	0	0	1	22	59	8	17	70
Haryana	7	7	14	0	0	3	0	0	0	6	6	11	1	1	0
Himachal Pradesh	13	16	17	7	7	5	0	0	1	0	1	2	6	8	9
J&K and Ladakh	13	0	0	6	0	0	6	0	0	0	0	0	1	0	0
Jharkhand	11	14	26	0	4	2	5	9	4	5	1	11	1	0	9
Karnataka	26	13	158	0	0	0	0	0	0	0	0	0	26	13	158
Kerala	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Madhya Pradesh	31	1	3	3	0	0	1	1	0	18	0	2	9	0	1
Maharashtra	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Manipur & Mizoram	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Meghalaya	7	5	5	3	0	0	4	2	0	0	3	5	0	0	0
Nagaland	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0

Number of Pending Cases

	Petitions Pending			Tariff Petitions			True-up Petitions			Dispute Related			Other cases		
Pending for (Months)→	<3	3-6	>6	<3	3-6	>6	<3	3-6	>6	<3	3-6	>6	<3	3-6	>6
Odisha	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Punjab	14	19	24	0	2	2	0	1	1	1	0	4	13	16	17
Rajasthan	29	11	35	9	1	13	0	0	0	20	10	22	0	0	0
Sikkim	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0
Tamil Nadu	3	92	25	0	0	1	0	0	0	2	11	16	1	81	8
Telangana	41	3	38	4	0	10	0	0	8	37	3	20	0	0	0
Tripura	37	3	20	0	0	0	0	0	0	37	3	20	0	0	0
Uttar Pradesh	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Uttarakhand	23	04	02	16	0	0	0	0	0	0	0	0	07	04	02
West Bengal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

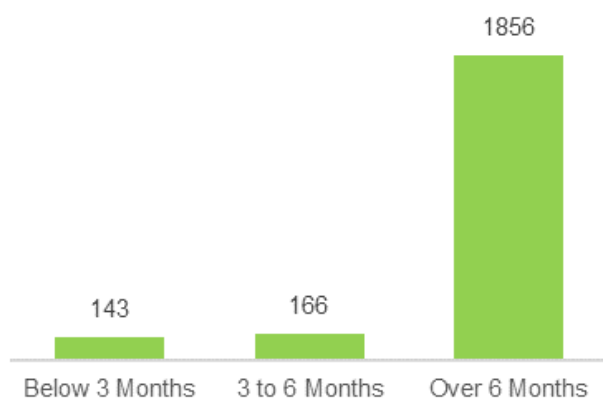
Notes:

- ‘-’ denotes data not provided by the respective State/ UT.
- Due to unavailability of latest data for Regulatory commission of 15 States/UTs namely Andhra Pradesh, Arunachal Pradesh, Bihar, Delhi, Haryana, Himachal Pradesh, Goa, J&K and Ladakh, Madhya Pradesh, Nagaland, Punjab, Rajasthan, Tamil Nadu, Telangana and Tripura, the latest available data have been considered.

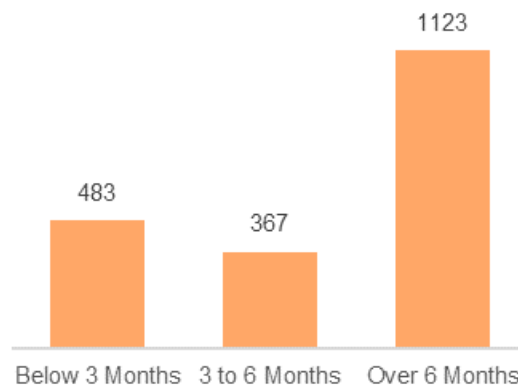
Number of Pending Cases

Summary of findings:

No of Cases pending with APTEL

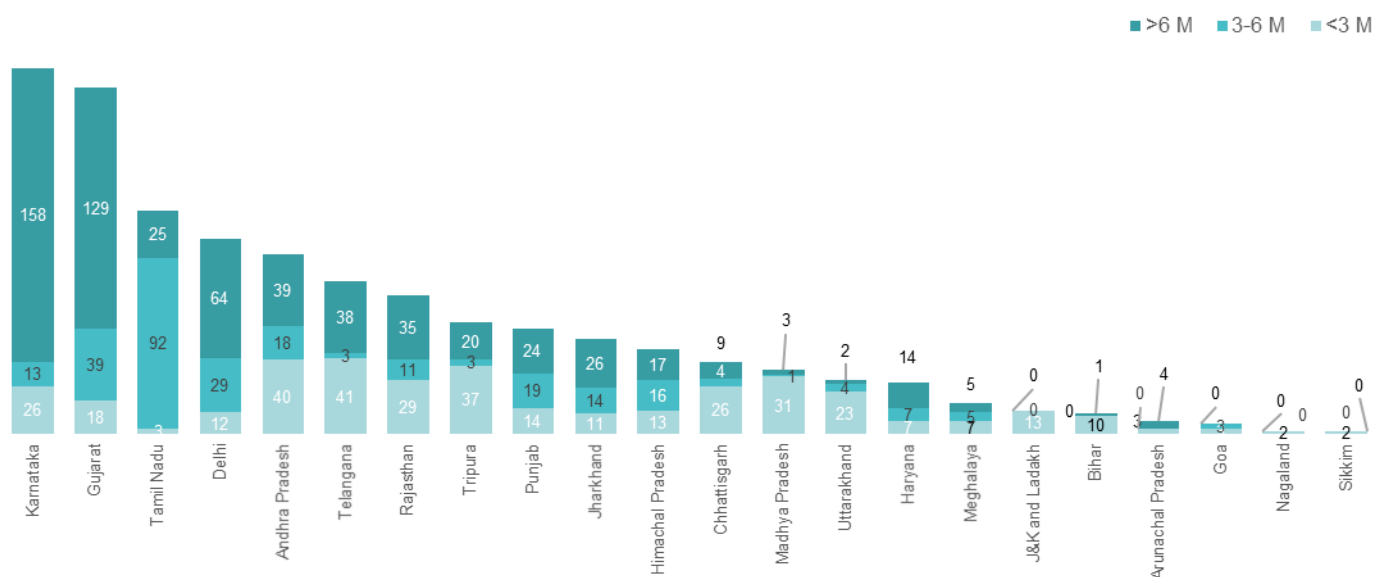


No of Cases pending with CERC/SERCs/JERC



a) Total 4,138 Petitions are pending across APTEL and ERCs as on December 2022

Pending Cases across categories in each state



a) Total 1,265 Petitions (Tariff, Dispute related and Others) are pending across all SERCs/JERC as on December 2022



SECTION 14

ALIGNMENT OF ELECTRICITY RULES 2020 (RIGHTS OF CONSUMERS)



Alignment of Electricity (Rights of Consumers) Rules 2020

Parameters	Release of Connection	Testing of Meters	Replacement of Meters	Issuance of no dues Certificates to applicants	Provision for payment of claims on deviation from SoPs	Assessing feasibility of rooftop solar installation	Connection of rooftop solar after installation	Are there regulations for ensuring predetermined demand charges for up to 150kW	Establishment / Presence of multi-tier Grievance Redressal Mechanism	
Electricity (Rights of consumers) rules 2020 published in Gazette on 31st Dec 2020 (Industry Best practices)	Within 7 days in metro cities, 15 days in municipal areas & 30 days in rural areas	Within 30 days of receipt of the complaint from the consumer	Within 24 hrs. in urban areas & 72 hrs. in rural areas	Within 7 days from the Receipt of final Payment	Payment of claims made by consumers against non-adherence should be provisioned	Within 20 days from day of receiving request	Within 30 days from date of submission of Installation Certificate	Yes/No	Yes/No	FRGR-E-2 Number of CGRFs across circles status
Alignment of DISCOM's Regulations/Standard of Performance (SOP)/Supply Code with above timelines										
Andaman & Nicobar										
ED Andaman & Nicobar	●	●	● 15 days	● 30 days	●	●	●	●	●	3
Andhra Pradesh										
APEPDCL	●	●	● 7 Days	●	●	●	●	●	●	7
APSPDCL	●	●	● 7 Days	●	●	●	●	●	●	8
APCPDCL	●	●	● 7 Days	●	●	●	●	●	●	3
Arunachal Pradesh										
Arunachal PD	●	●	● Up to 30 days in remote areas	●	●	●	●	●	●	8
Assam										

Alignment of Electricity (Rights of Consumers) Rules 2020

Parameters	Release of Connection	Testing of Meters	Replacement of Meters	Issuance of no dues Certificates to applicants	Provision for payment of claims on deviation from SoPs	Assessing feasibility of rooftop solar installation	Connection of rooftop solar after installation	Are there regulations for ensuring predetermined demand charges for up to 150kW	Establishment / Presence of multi-tier Grievance Redressal Mechanism	
APDCL	●	●	● Urban - 15 Days Rural - 30 Days	●	●	●	●	●	●	15
Bihar										
NBPDCL	●	●	● 7 - 14 Days	●	●	●	●	●	●	2
SBPDCL	●	●	● 7 - 14 Days	●	●	●	●	●	●	3
Chandigarh										
Chandigarh ED	●	●	● 15 days	● 30 days	●	●	●	●	●	1
Chhattisgarh										
CSPDCL	●	●	● 7 – 14 days – attributable to consumer	●	●	●	●	●	●	3
Dadra & Nagar Haveli										
DNHPDCL	●	●	● 15 days	● 30 days	●	●	●	●	●	1
Daman & Diu										

Alignment of Electricity (Rights of Consumers) Rules 2020

Parameters	Release of Connection	Testing of Meters	Replacement of Meters	Issuance of no dues Certificates to applicants	Provision for payment of claims on deviation from SoPs	Assessing feasibility of rooftop solar installation	Connection of rooftop solar after installation	Are there regulations for ensuring predetermined demand charges for up to 150kW	Establishment / Presence of multi-tier Grievance Redressal Mechanism	
Daman & Diu ED	●	●	● 15 days	● 30 days	●	●	●	●	●	1
Delhi										
BRPL	●	●	● 15 Days	●	●	●	●	●	●	1
BYPL	●	●	● 15 Days	●	●	●	●	●	●	1
TPDDL	●	●	● 15 Days	●	●	●	●	●	●	1
Goa										
Goa PD	●	●	● 15 days	●	●	●	●	●	●	1
Gujarat										
DGVCL	●	●	● Rural & Urban : 7 Days	●	●	●	●	●	●	3
MGVCL	●	●	● Rural & Urban : 7 Days	●	●	●	●	●	●	5
UGVCL	●	●	● Rural & Urban : 7 Days	●	●	●	●	●	●	4

Alignment of Electricity (Rights of Consumers) Rules 2020

Parameters	Release of Connection	Testing of Meters	Replacement of Meters	Issuance of no dues Certificates to applicants	Provision for payment of claims on deviation from SoPs	Assessing feasibility of rooftop solar installation	Connection of rooftop solar after installation	Are there regulations for ensuring predetermined demand charges for up to 150kW	Establishment / Presence of multi-tier Grievance Redressal Mechanism	
PGVCL	●	●	● Rural & Urban : 7 Days	● 30 Days	●	●	●	●	●	3
Haryana										
DHBVNL	●	●	●	●	●	●	●	●	●	1
UHBVNL	●	●	●	●	●	●	●	●	●	1
Himachal Pradesh										
HPSEBL	●	●	● Within 15 days – Rural Within 7 days - Urban	●	●	●	● 90-180 days from approval letter	●	●	1
J&K and Ladakh										
JPDCCL	●	●	● 15 days	●	●	●	●	●	●	0
KPDCL	●	●	● 15 days	●	●	●	●	●	●	3
LPDD	●	●	● 15 days	●	●	●	●	●	●	4
Jharkhand										
JBVNL	●	●	●	● 30 Days	●	●	●	●	●	5

Alignment of Electricity (Rights of Consumers) Rules 2020

Parameters	Release of Connection	Testing of Meters	Replacement of Meters	Issuance of no dues Certificates to applicants	Provision for payment of claims on deviation from SoPs	Assessing feasibility of rooftop solar installation	Connection of rooftop solar after installation	Are there regulations for ensuring predetermined demand charges for up to 150kW	Establishment / Presence of multi-tier Grievance Redressal Mechanism	
Karnataka										
BESCOM	●	●	●	●	●	●	●	●	●	6
CESCOM	●	●	●	●	●	●	●	●	●	-
GESCOM	●	●	●	●	●	●	●	●	●	1
HESCOM	●	●	●	●	●	●	●	●	●	7
MESCOM	●	●	●	●	●	●	●	●	●	4
Kerala										
KSEBL	●	●	● Within 24 hrs of payment of charges by the consumer	●	●	●	●	●	●	3
Lakshadweep										
Lakshadweep ED	-	-	-	-	-	-	-	-	-	
Madhya Pradesh										
MPMaKVCL	●	●	●	●	●	●	●	●	●	1
MPPaKVCL	●	●	●	●	●	●	●	●	●	2
MPPoKVCL	●	●	●	●	●	●	●	●	●	4
Maharashtra										

Alignment of Electricity (Rights of Consumers) Rules 2020

Parameters	Release of Connection	Testing of Meters	Replacement of Meters	Issuance of no dues Certificates to applicants	Provision for payment of claims on deviation from SoPs	Assessing feasibility of rooftop solar installation	Connection of rooftop solar after installation	Are there regulations for ensuring predetermined demand charges for up to 150kW	Establishment / Presence of multi-tier Grievance Redressal Mechanism	
MSEDCL	●	●	● Subsequent billing	● 30 days	●	●	●	●	●	16
TPCL	●	●	● Subsequent billing	● 30 days	●	●	●	●	●	1
BEST	●	●	● Subsequent billing	● 30 days	●	●	●	●	●	1
Manipur										
MSPDCL	●	●	● At least 7 days	●	●	●	●	●	●	1
Meghalaya										
MePDCL	●	●	●	●	●	●	●	●	●	1
Mizoram										
Mizoram PD	●	●	● At least 7 days	●	●	●	●	●	●	1
Nagaland										
Nagaland PD	●	●	● At least 7 days	●	●	●	●	●	●	0
Odisha										
TPCODL	●	●	●	●	●	●	●	●	●	4

Alignment of Electricity (Rights of Consumers) Rules 2020

Parameters	Release of Connection	Testing of Meters	Replacement of Meters	Issuance of no dues Certificates to applicants	Provision for payment of claims on deviation from SoPs	Assessing feasibility of rooftop solar installation	Connection of rooftop solar after installation	Are there regulations for ensuring predetermined demand charges for up to 150kW	Establishment / Presence of multi-tier Grievance Redressal Mechanism	
			30 days	10 days						
TPNODL	●	●	● 30 days	● 10 days	●	●	●	●	●	2
TPSODL	●	●	● 30 days	● 10 days	●	●	●	●	●	2
TPWODL	●	●	● 30 days	● 10 days	●	●	●	●	●	3
Puducherry										
Puducherry PD	●	●	● 15 days	● 30 days	●	●	●	●	●	1
Punjab										
PSPCL	●	●	● Within 5 days	●	●	●	●	●	●	16
Rajasthan										
AVVNL	●	●	●	●	●	●	●	●	●	●
JdVVNL	●	●	●	●	●	●	●	●	●	●
JVVNL	●	●	●	●	●	●	●	●	●	●
Sikkim										

Alignment of Electricity (Rights of Consumers) Rules 2020

Parameters	Release of Connection	Testing of Meters	Replacement of Meters	Issuance of no dues Certificates to applicants	Provision for payment of claims on deviation from SoPs	Assessing feasibility of rooftop solar installation	Connection of rooftop solar after installation	Are there regulations for ensuring predetermined demand charges for up to 150kW	Establishment / Presence of multi-tier Grievance Redressal Mechanism	
Sikkim PD	●	●	● 7 days	●	●	●	●	●	●	1
Tamil Nadu										
TANGEDCO	●	●	● Within 30 days	●	●	●	●	●	●	38
Telangana										
TSNPDCL	●	●	● Within 7 days	●	●	● Within 21 days	●	●	●	16
TSSPDCL	●	●	● Within 7 days	●	●	● Within 21 days	●	●	●	12
Tripura										
TSECL	●	●	● Within 3 to 15 days depending on the region	●	●	●	●	●	●	8
Uttar Pradesh										
DVVNL	●	●	● Within 15 days	● 30 Days	●	●	●	●	●	5
KESCO	●	●	● Within 15 days	● 30 Days	●	●	●	●	●	2

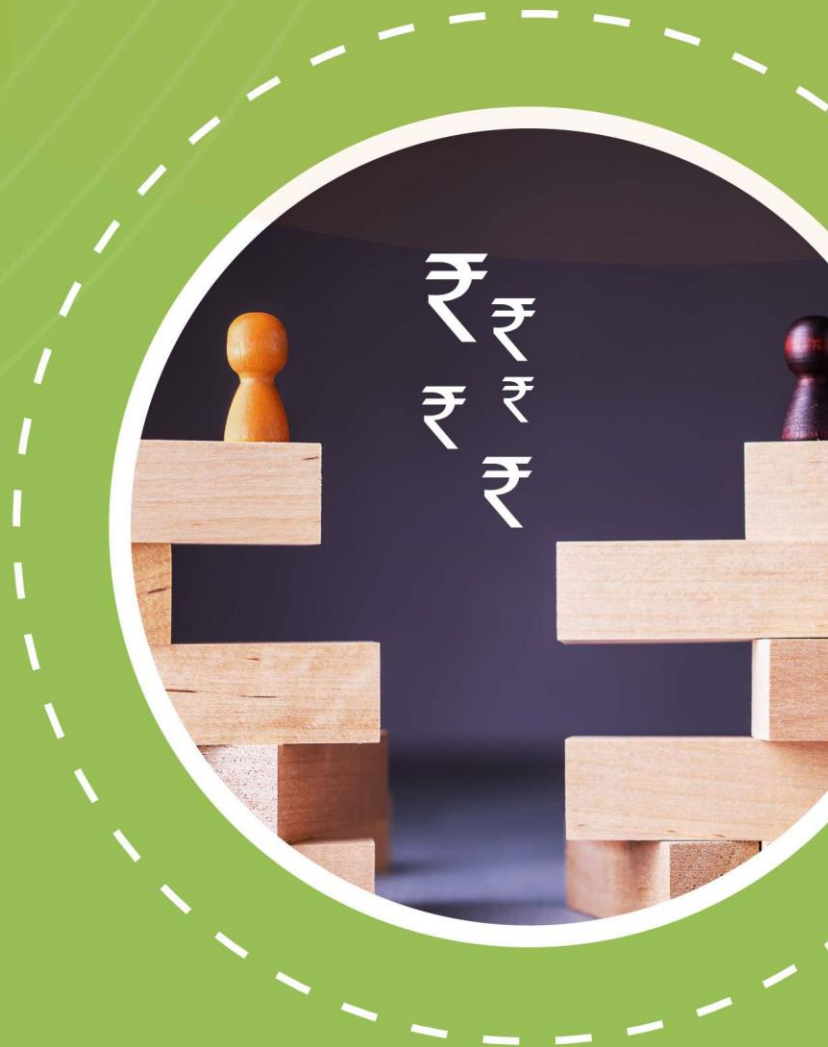
Alignment of Electricity (Rights of Consumers) Rules 2020

Parameters	Release of Connection	Testing of Meters	Replacement of Meters	Issuance of no dues Certificates to applicants	Provision for payment of claims on deviation from SoPs	Assessing feasibility of rooftop solar installation	Connection of rooftop solar after installation	Are there regulations for ensuring predetermined demand charges for up to 150kW	Establishment / Presence of multi-tier Grievance Redressal Mechanism	
MVVNL	●	●	● Within 15 days	● 30 Days	●	●	●	●	●	3
PaVVNL	●	●	● Within 15 days	● 30 Days	●	●	●	●	●	3
PuVVNL	●	●	● Within 15 days	● 30 Days	●	●	●	●	●	5
Uttarakhand										
UPCL	● Within 15 days	●	● Within 15 days	●	●	●	●	●	●	9
West Bengal										
WBSEDCL	●	●	●	●	●	●	●	●	●	17

●	Aligned to Electricity Rules	●	Not aligned to electricity rules	●	Regulation available at ERC; Data not specified
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Notes:

1. Data in this section has been collected from individual SoPs, Supply Codes and Roof top solar regulations published by individual ERCs
2. Due to the unavailability of timelines across each region (rural / urban / metro cities) for ERCs under release of supply category, timeline to align has been considered as 30 days (maximum).



SECTION 15

POWER PROCUREMENT >>>>> COST OF DISCOMs

Power Procurement Cost of DISCOMs

(Figures in Rs/kWh)

	2018-19			2019-20			2020-21		
	Approved	Actual	Difference	Approved	Actual	Difference	Approved	Actual	Difference
Andaman & Nicobar	16.43	16.79	-0.35	15.66	16.91	-1.25	17.02	17.75	-0.73
ED Andaman & Nicobar	16.43	16.79	-0.35	15.66	16.91	-1.25	17.02	17.75	-0.73
Andhra Pradesh	4.80	4.44	0.37	4.76	3.89	0.87	5.41	4.43	0.98
APEPDCL	4.80	4.44	0.37	4.59	3.86	0.73	4.63	4.42	0.22
APSPDCL				4.77	3.90	0.87	5.88	4.43	1.45
APCPDCL	NA	NA	NA	NA	NA	NA	4.93	4.46	0.47
Arunachal Pradesh	2.75	N/A	NA	N/A	N/A	NA	N/A	N/A	NA
Arunachal PD	2.75	N/A	NA	N/A	N/A	NA	N/A	N/A	NA
Assam	4.40	4.01	0.39	4.53	4.06	0.47	4.16	4.24	-0.08
APDCL	4.40	4.01	0.39	4.53	4.06	0.47	4.16	4.24	-0.08
Bihar	4.22	3.77	0.45	4.11	4.27	-0.16	4.26	4.31	-0.05
NBPDCL	4.21	3.81	0.41	4.11	4.24	-0.13	4.26	4.31	-0.06
SBPDCL	4.22	3.73	0.49	4.11	4.31	-0.20	4.26	4.31	-0.05
Chandigarh	3.57	3.48	0.10	3.66	3.26	0.40	3.46	N/A	NA
Chandigarh ED	3.57	3.48	0.10	3.66	3.26	0.40	3.46	N/A	NA
Chhattisgarh	2.85	3.41	-0.56	2.67	3.60	-0.93	2.84	3.54	-0.71
CSPDCL	2.85	3.41	-0.56	2.67	3.60	-0.93	2.84	3.54	-0.71
Dadra & Nagar Haveli	4.35	3.91	0.44	4.22	4.47	-0.25	4.07	3.71	0.35
DNHPDCL	4.35	3.91	0.44	4.22	4.47	-0.25	4.07	3.71	0.35
Daman & Diu	3.76	3.35	0.41	3.54	3.86	-0.32	3.74	3.73	0.01
Daman & Diu ED	3.76	3.35	0.41	3.54	3.86	-0.32	3.74	3.73	0.01
Delhi	4.25	4.70	-0.45	4.33	4.74	-0.41	4.20	N/A	NA
BRPL	3.59	4.52	-0.93	4.32	4.51	-0.19	4.27	N/A	NA
BYPL	4.78	5.05	-0.27	4.68	4.50	0.18	3.46	N/A	NA
NDMC	5.27	5.65	-0.38	5.30	5.77	-0.47	5.41	N/A	NA
TPDDL	3.82	4.61	-0.80	4.79	5.09	-0.30	4.50	N/A	NA
Goa	3.81	N/A	NA	3.56	N/A	NA	3.16	N/A	NA
Goa PD	3.81	N/A	NA	3.56	N/A	NA	3.16	N/A	NA
Gujarat	4.40	4.49	-0.09	4.62	4.51	0.11	3.82	3.62	0.20
DGVCL	5.49	5.66	-0.17	5.61	5.65	-0.04	4.97	5.22	-0.25
MGVCL	4.12	4.54	-0.42	4.43	4.41	0.02	4.21	4.33	-0.12
PGVCL	3.99	4.05	-0.06	4.02	4.03	-0.01	3.92	3.87	0.05
UGVCL	4.61	4.15	0.45	4.70	4.26	0.44	3.78	3.30	0.48
Haryana	4.76	4.91	-0.15	4.65	4.95	-0.30	3.28	3.80	-0.52
DHBVNL	4.33	4.90	-0.57	4.22	4.92	-0.70	3.28	3.80	-0.52

Power Procurement Cost of DISCOMs

	2018-19			2019-20			2020-21		
	Approved	Actual	Difference	Approved	Actual	Difference	Approved	Actual	Difference
UHBVNL	4.80	4.93	-0.13	4.98	4.98	0.00	3.28	3.80	-0.53
Himachal Pradesh	2.86	2.99	-0.13	2.77	2.49	0.28	2.68	2.45	0.22
HPSEBL	2.86	2.99	-0.13	2.77	2.49	0.28	2.68	2.45	0.22
J&K and Ladakh	2.22	N/A	NA	2.56	N/A	NA	2.47	N/A	NA
JPDCL	2.22	N/A	NA	2.56	N/A	NA	2.47	N/A	NA
KPDCL	2.22	N/A	NA	2.56	N/A	NA	2.47	N/A	NA
LPDD	2.22	N/A	NA	2.56	N/A	NA	2.47	N/A	NA
Jharkhand	3.59	4.06	-0.47	3.87	N/A	NA	N/A	N/A	NA
JBVNL	3.59	4.06	-0.47	3.87	N/A	NA	N/A	N/A	NA
Karnataka	4.18	4.47	-0.29	4.73	4.58	0.15	4.26	4.36	-0.10
BESCOM	4.38	5.16	-0.78	5.20	5.37	-0.17	4.46	4.56	-0.10
CHESCOM	3.98	3.59	0.38	3.67	3.48	0.19	3.97	3.96	0.01
GESCOM	3.90	3.81	0.10	4.54	4.44	0.10	3.98	4.07	-0.09
HESCOM	3.99	4.29	-0.30	3.42	3.60	-0.18	4.12	4.29	-0.17
MESCOM	4.13	3.34	0.80	4.54	4.14	0.40	4.24	4.38	-0.14
Kerala	2.97	3.93	-0.96	3.58	3.96	-0.38	3.09	4.42	-1.33
KSEBL	2.97	3.93	-0.96	3.58	3.96	-0.38	3.09	4.42	-1.33
Lakshadweep	14.95	16.89	-1.94	15.43	N/A	NA	15.82	N/A	NA
Lakshadweep ED	14.95	16.89	-1.94	15.43	N/A	NA	15.82	N/A	NA
Madhya Pradesh	3.47	3.35	0.12	3.78	3.64	0.14	3.57	3.70	-0.13
MPMaKVCL	3.19	3.45	-0.26	3.62	3.77	-0.15	3.43	3.72	-0.29
MPPaKVCL	3.54	3.30	0.24	3.61	3.53	0.08	3.84	4.22	-0.38
MPPoKVCL	3.67	3.31	0.35	3.81	3.67	0.14	3.39	3.05	0.34
Maharashtra	3.19	4.12	-0.93	3.42	N/A	NA	3.59	N/A	NA
MSEDCL	3.19	4.12	-0.93	3.42	N/A	NA	3.59	N/A	NA
Manipur	4.58	3.88	0.71	4.11	3.60	0.51	3.73	N/A	NA
MSPDCL	4.58	3.88	0.71	4.11	3.60	0.51	3.73	N/A	NA
Meghalaya	2.54	2.85	-0.31	3.05	3.27	-0.22	2.86	N/A	NA
MePDCL	2.54	2.85	-0.31	3.05	3.27	-0.22	2.86	N/A	NA
Mizoram	4.14	3.98	0.16	4.76	4.43	0.33	4.49	4.94	-0.44
Mizoram PD	4.14	3.98	0.16	4.76	4.43	0.33	4.49	4.94	-0.44
Nagaland	4.28	N/A	NA	4.21	N/A	NA	4.16	N/A	NA
Nagaland PD	4.28	N/A	NA	4.21	N/A	NA	4.16	N/A	NA
Odisha	3.91	2.68	1.23	3.76	2.92	0.84	3.44	N/A	NA
CESU	3.83	2.68	NA	3.59	2.92	NA	3.39	N/A	NA
NESCO	4.11		NA	3.87		NA	3.65	N/A	NA
SOUTHCO	2.78		NA	2.77		NA	2.48	N/A	NA

Power Procurement Cost of DISCOMs

	2018-19			2019-20			2020-21		
	Approved	Actual	Difference	Approved	Actual	Difference	Approved	Actual	Difference
WESCO	4.38		NA	4.08		NA	3.78	N/A	NA
Puducherry	4.26	3.80	0.46	4.10	3.91	0.19	4.09	3.87	0.21
Puducherry PD	4.26	3.80	0.46	4.10	3.91	0.19	4.09	3.87	0.21
Punjab	4.51	4.30	0.21	4.65	4.49	0.16	4.24	3.91	0.33
PSPCL	4.51	4.30	0.21	4.65	4.49	0.16	4.24	3.91	0.33
Rajasthan	3.93	4.02	-0.09	4.22	4.13	0.09	4.02	4.16	-0.14
AVVNL	3.97	4.17	-0.21	4.03	4.09	-0.06	4.02	3.92	0.10
JdVVNL	3.95	3.94	0.01	4.09	4.11	-0.02	4.02	4.23	-0.21
JVVNL	3.89	3.99	-0.10	4.07	4.17	-0.10	4.01	4.27	-0.26
Sikkim	2.17	1.96	0.21	2.96	2.72	0.24	3.08	4.22	-1.14
Sikkim PD	2.17	1.96	0.21	2.96	2.72	0.24	3.08	4.22	-1.14
Tamil Nadu	3.42	4.60	-1.18	N/A	4.40	NA	N/A	4.47	NA
TANGEDCO	3.42	4.60	-1.18	N/A	4.40	NA	N/A	4.47	NA
Telangana	4.33	N/A	NA	4.25	N/A	NA	4.41	N/A	NA
TSNPDCL	4.37	N/A	NA	4.32	N/A	NA	4.50	N/A	NA
TSSPDCL	4.09	N/A	NA	4.17	N/A	NA	4.43	N/A	NA
Tripura	4.05	3.73	0.32	3.83	4.24	-0.41	3.64	N/A	NA
TSECL	4.05	3.73	0.32	3.83	4.24	-0.41	3.64	N/A	NA
Uttar Pradesh	4.32	4.26	0.06	4.22	4.12	0.10	4.57	4.51	0.07
DVVNL	3.75	4.26	-0.51	4.00	4.12	-0.12	4.23	4.16	0.07
KESCO	3.90	4.26	-0.36	4.21	4.12	0.09	5.42	5.76	-0.34
MVVNL	4.67	4.26	0.41	4.61	4.12	0.49	4.76	5.06	-0.30
PaVVNL	4.95	4.26	0.69	4.33	4.12	0.21	4.70	4.71	-0.01
PuVVNL	4.29	4.26	0.03	4.56	4.12	0.44	4.44	3.92	-0.52
Uttarakhand	3.62	3.64	-0.01	3.82	4.06	-0.24	3.54	3.44	0.10
UPCL	3.62	3.64	-0.01	3.82	4.06	-0.24	3.54	3.44	0.10
West Bengal	3.34	N/A	NA	3.68	N/A	NA	3.51	N/A	NA
WBSEDCL	3.34	N/A	NA	3.68	N/A	NA	3.51	N/A	NA

Power Procurement Cost of DISCOMs

Difference b/w Approved and Actual Power Purchase Cost	2018-19		2019-20		2020-21	
Difference b/w Approved and Actual Power Purchase Cost	+VE	Andhra Pradesh	Mizoram	Andhra Pradesh	Mizoram	Andhra Pradesh Uttarakhand
		Assam	Odisha	Assam	Odisha	Dadra & Nagar Haveli
		Bihar	Puducherry	Chandigarh	Puducherry	Daman & Diu
		Chandigarh	Punjab	Gujarat	Punjab	Gujarat
		Dadra & Nagar Haveli	Sikkim	Himachal Pradesh	Rajasthan	Himachal Pradesh
		Daman & Diu	Tripura	Karnataka	Sikkim	Puducherry
		Madhya Pradesh	Uttar Pradesh	Madhya Pradesh	Uttar Pradesh	Punjab
		Manipur		Manipur		Uttar Pradesh
	-VE	Andaman & Nicobar	Karnataka	Andaman & Nicobar	Haryana	Andaman & Nicobar Madhya Pradesh
		Chhattisgarh	Kerala	Bihar	Meghalaya	Assam Mizoram
		Delhi	Lakshadweep	Chhattisgarh	Tripura	Bihar Rajasthan
		Gujarat	Meghalaya	Dadra & Nagar Haveli	Uttarakhand	Chhattisgarh Sikkim
		Haryana	Rajasthan	Daman & Diu		Haryana
		Himachal Pradesh	Tamil Nadu	Delhi		Karnataka
		Jharkhand	Uttarakhand			Kerala

SECTION 16

AVAILABILITY OF TECHNICAL MINIMUM REGULATION



Availability of Technical Minimum Regulation

	Availability of Technical Minimum regulation	Relevant regulation / document
State		
Andhra Pradesh	Yes	Tariff Order for Retail Sale during FY20-21 dated 10th Feb 2020
Arunachal Pradesh	Not Applicable	--
Assam	Not Applicable	--
Bihar	Not Applicable	Tariff order for FY20-21 for NBPDC & SBPDCL dated 20th March 2020
Chandigarh	Not Applicable	--
Chhattisgarh	Yes	As per telephonic conversation with the utility technical minimum regulation for CEA is followed in the state. On an average technical minimum threshold is 55%
Dadra & Nagar Haveli	Not Applicable	--
Daman & Diu	Not Applicable	--
Delhi	Not Applicable	--
Goa	Not Applicable	--
Gujarat	Yes	Tariff order by Gujarat Electricity Regulatory commission for FY2022-23 dated 30 th March 2022
Haryana	Yes	Tariff order by Haryana Electricity Regulatory commission for FY2021-22 dated 18th Feb 2021
Himachal Pradesh	Not Applicable	--
J&K and Ladakh	Not Applicable	--
Jharkhand	Yes	Tariff order for FY20-21 for Jharkhand Bijli Vitran Nigam Limited (JBVNL) dated 01 Oct 2020
Karnataka	Yes	Twenty first annual report (19-20) of Karnataka Electricity Regulatory Commission
Kerala	Not Applicable	--
Madhya Pradesh	Yes	MP grid code 2019 issued vide order dated 12.06.2019
Maharashtra	Yes	MERC vide order dated 1st March 2020 in the matter related to a reduction in the Technical Minimum of Generating Units in Maharashtra as per Central Electricity Regulatory Commission norms have provided the norms related to a technical minimum for coal-based stations.
Manipur & Mizoram	Not Applicable	--
Meghalaya	Not Applicable	--
Nagaland	Not Applicable	--
Odisha	Yes	As per telephonic conversation with the utility technical minimum threshold is 55% in the state
Puducherry	Not Applicable	--
Punjab	Yes	Review Petition under Section 94 of the Electricity Act, 2003 against tariff order dated 27.05.2019 for 2019-20 (in petition no. 02 of 2019).
Rajasthan	Yes	As per telephonic conversation with the utility technical minimum threshold is 55% in the state
Sikkim	Not Applicable	--
Tamil Nadu	Yes	As per telephonic conversation with the utility

Availability of Technical Minimum Regulation

	Availability of Technical Minimum regulation	Relevant regulation / document
		technical minimum threshold is 70% for 600MW and 80% for 210 MW in the state. Further the state commission has not issued regulations for technical minimum operations
Telangana	Yes	As per telephonic conversation with the utility technical minimum threshold for various plants in the state is in the range of 59%- 68%
Tripura	Not Applicable	--
Uttar Pradesh	Yes	Petition No. 1217/2017 with UPERC for specifying technical minimum schedule of all generating stations
Uttarakhand	Not Applicable	--
West Bengal	Yes	As per telephonic conversation with the utility technical minimum threshold for various plants in the state is in the range of 66% - 78%

Notes:

1. Data in this section has been provided by respective regulatory website.
2. 'Not applicable' against a particular state in the above table implies there are no state-owned coal based thermal plant in the state.



SECTION 17

MERIT ORDER >>>> ADHERENCE

Merit Order Adherence

	Merit Order Followed
States	
Andhra Pradesh	Yes
Arunachal Pradesh	Yes
Assam	Yes
Bihar	Yes
Chandigarh	Yes
Chhattisgarh	Yes
Dadra & Nagar Haveli	Yes
Delhi	Yes
Goa	Yes
Gujarat	Yes
Haryana	Yes
Himachal Pradesh	Yes
J&K and Ladakh	Yes
Jharkhand	Yes
Karnataka	Yes
Kerala	Yes
Madhya Pradesh	Yes
Maharashtra	Yes
Manipur	Yes
Meghalaya	Yes
Mizoram	Yes
Nagaland	Yes
Odisha	-
Puducherry	Yes
Punjab	Yes
Rajasthan	Yes
Sikkim	Yes
Tamil Nadu	Yes
Telangana	Yes
Tripura	Yes
Uttar Pradesh	Yes
Uttarakhand	Yes
West Bengal	Yes

Notes:

1. Data in the above table is available from MERIT India Portal (Ministry of Power)

Summary of Non-Compliances by states w.r.t legislative framework

Sr. No.	Nature of Non-compliance	States with Non-Compliance
1.	Timely issuance of Tariff Order for FY 2022-23 – Distribution Utilities	Arunachal Pradesh, Delhi and Jharkhand
2.	Timely issuance of True up Order for FY 2020-21 – Distribution Utilities	Arunachal Pradesh, Chandigarh, Delhi, Goa, J&K and Ladakh, Jharkhand, Lakshadweep, Maharashtra, Manipur, Meghalaya, Nagaland, Odisha, Telangana, Tripura and West Bengal
3	Creation of New Regulatory Asset	Tripura
4	Cross Subsidy not complying with the 20% of the average cost of supply LT Industrial Category for FY 2022-23	Andhra Pradesh, Bihar, Chhattisgarh, J&K and Ladakh, Karnataka, Lakshadweep, Madhya Pradesh, Maharashtra, Manipur, Meghalaya, Nagaland and Telangana
5	Cross Subsidy not complying with the 20% of the average cost of supply HT Industrial Category for FY 2022-23	Andaman & Nicobar Islands, Bihar, Ladakh, Lakshadweep Meghalaya, Sikkim and Telangana

