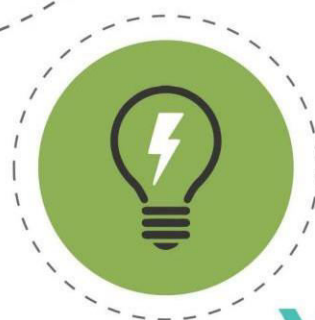


KEY REGULATORY PARAMETERS OF POWER UTILITIES



DECEMBER 2021

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 FY 2022 across all major power utilities in India.

This report has been prepared by the Regulatory Compliance Monitoring unit of REC headed by Mr. R. Lakshmanan, Executive Director 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, Joint Secretary, Ministry of Power, Government of India and Mr. Sanjay Malhotra, 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>	1
<u>CHAPTER 2. LIST OF PARAMETERS</u>	2
<u>SECTION 1 TARIFF ORDER ISSUANCE</u>	15
<u>SECTION 2 DISTRIBUTION LOSSES</u>	28
<u>SECTION 3 AVERAGE BILLING RATE</u>	34
<u>SECTION 4 AVERAGE COST OF SUPPLY</u>	41
<u>SECTION 5 REPRESENTATIVE TARIFFS</u>	45
<u>SECTION 6 CROSS SUBSIDY DETAILS</u>	61
<u>SECTION 7 OPEN ACCESS CHARGES</u>	80
<u>SECTION 8 CUMULATIVE REVENUE GAP/SURPLUS</u>	98
<u>SECTION 9 APPLICABILITY OF TOD TARIFF</u>	108
<u>SECTION 10 RETURN ON EQUITY</u>	118
<u>SECTION 11 TRANSMISSION CHARGES</u>	127
<u>SECTION 12 NUMBER OF PENDING CASES</u>	130
<u>SECTION 13 ALIGNMENT OF ELECTRICITY(RIGHTS OF CONSUMERS) RULES 2020</u>	134
<u>SECTION 14 POWER PROCUREMENT COST OF DISCOMS</u>	147
<u>SECTION 15 AVAILABILITY OF TECHNICAL MINIMUM REGULATION</u>	152
<u>SECTION 16 MERIT ORDER ADHERENCE</u>	155

LIST OF TABLES

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)	26
Section 2: Distribution Losses	28
Annexure 2.1: Distribution Losses, Billing and Collection Efficiency	29
Section 3: Average Billing Rate	34
Annexure 3.1: Average Billing Rate	35
Annexure 3.2: Change in ABR	38
Section 4: Average Cost of Supply	41
Annexure 4.1: Average Cost of Supply	42
Section 5: Representative Tariffs	45
Annexure 5.1: Consumer Category wise Representative Tariff Comparison	46
Section 6: Cross Subsidy Details	61
Annexure 6.1: Cross Subsidy and Consumption Trend for LT Industrial Consumers	62
Annexure 6.2: Cross Subsidy and Consumption Trend for HT Industrial Consumers	64
Annexure 6.3: Latest Cross Subsidy for Industrial and Commercial Consumers	66
Section 7: Open Access Charges	80
Annexure 7.1: Cross Subsidy Surcharge	81
Annexure 7.2: Additional Surcharge	92
Section 8: Cumulative Revenue Gap/Surplus	98
Annexure 8.1: Cumulative Revenue Gap/Surplus	99
Section 9: Applicability of TOD Tariff	108
Annexure 9.1: Applicability of TOD Tariff	109
Section 10: Return on Equity	118
Annexure 10.1: Return on Equity (Distribution Companies)	119
Annexure 10.2: Return on Equity (Generation Companies)	123
Annexure 10.3: Return on Equity (Transmission Companies)	125
Section 11: Transmission Charges	127
Annexure 11.1: Transmission Charges	148
Section 12: Number of Pending Cases	130
Annexure 12.1: Number of Pending Cases	131
Section 13: Alignment of Electricity (Rights of Consumers) Rules 2020	134
Annexure 13.1: Report on Alignment of Electricity (Rights of Consumers) Rules 2020	135
Section 14: Power Procurement Cost of DISCOMs	147
Annexure 14.1: Report on Power Procurement Cost of DISCOMs	148

Section 15: Availability of Technical Minimum Regulation	152
Annexure 15.1: Report on Availability of Technical Minimum Regulation	153
Section 16: Merit Order Adherence	155
Annexure 16.1: Report on Merit Order Adherence	156

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
CESU	Central Electricity Supply Utility of Odisha
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
FCDO	Foreign, Commonwealth and Development Office

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
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
KSEB	Kerala State Electricity Board
KSEBL	Kerala State Electricity Board Limited
LED	Electricity Department, Union Territory of Lakshadweep
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
MESCOM	Mangalore Electricity Supply Company Limited
MGVCL	Madhya Gujarat Vij Company Limited
MOP	Ministry of Power, Government of India
MPMaKVVCL	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
NESCO	North Eastern Electricity Supply Company of Odisha Limited
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 Vij Company Limited
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
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
SOUTHCO	Southern Electricity Supply Company of Odisha Limited
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
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
WESCO	West Electricity Supply Company of Odisha 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—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 launches 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 16 broad regulatory parameters for 61 DISCOMs across India for last 3 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.

The information presented in this report has been prepared from various sources, which includes tariff orders and Report on Performance of State Power Utilities (2019-20) published by PFC Ltd., 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 FY 2018-19 till FY 2021-22 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
		Billing Efficiency	%	B2	(Net Energy Sold/Net Input Energy)
		Collection Efficiency	%	B3	(Revenue Collected/Revenue Billed)
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 per 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	Rs. /kWh	G1	Cross subsidy surcharge as approved by respective Electricity Regulatory Commissions for open-access consumers
Additional Surcharge	H	Additional Surcharge	Rs. /kWh	H1	Additional surcharge for open-access consumers approved by respective Electricity Regulatory Commissions
State-wise Revenue Gap/Surplus	I	Cumulative Revenue Gap/ Surplus	Rs. Crore	I1	Latest cumulative revenue gap approved by the respective Electricity Regulatory Commissions
Time of Day (ToD) Tariff Rates Applicability	J	ToD Applicability	None	J1	Applicability of Time of Day (TOD) tariff across consumer categories
Return on Equity (RoE)	K	RoE (on post-tax basis)	Rs. Crore	K1	RoE quantum across DISCOMs, Generation Utility and Transmission Utility as approved by the respective Electricity Regulatory Commissions
		RoE (on post-tax basis)	%	K2	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	%	K3	Rate of RoE as per respective state tariff regulations for DISCOMS, Generation Company and Transmission Company
Transmission Charges	L	Transmission Charges Long Term and Medium TermS (wherever specified)	Rs. / MW/Month	L1	(Transmission ARR x 10 ⁴⁷)/ (Total load quantum handled x12)
			Rs. Cr/Month	L2	(Transmission ARR)/12
		Transmission Charges Short Term	Rs. / kWh	L3	(Transmission ARR x 10)/ (Total Energy Handled)
			Rs. / MW	L4	(Transmission ARR x 10 ⁴⁷)/ (Total load quantum)
Number of Pending Cases	M	Petitions pending	Number of Cases	M1	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		M2	

		True-up petitions pending		M3	
		Dispute related cases		M4	
Alignment of Electricity (Rights of Consumers) Rules 2020	N	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	N1	Release of Connections
				N2	Testing of Meters
				N3	Replacement of Meters
				N4	Issuance of no dues Certificates
				N5	Provision for payment of claims on deviation from SoPs
				N6	Assessment of Rooftop Solar Feasibility
				N7	Connection of rooftop solar after installation
				N8	Regulations for ensuring predetermined demand charges for up to 150kW
				N9	Presence of Multitier Grievance Redressal Forum
Power Procurement Cost of DISCOMs for FY 2022	O	Volume of Power Procured during FY 2022	MU	O1	Volume of Power procured by respective state DISCOMs
		Cost of Power Procured	Rs. Crore	O2	Cost of Power Procured excluding transmission charges
		Average cost of Power Procured for FY 2022	Rs. / kWh	O3	(Cost of Power Procured excluding transmission charges x 10)/ (Volume of Power procured)
Availability of Technical Minimum Regulation	P	Availability of Technical Minimum regulation	Yes / No / Data Not Available	P1	Status of State/UTs specific availability of technical minimum regulation
Merit Order	Q	Adherence to Merit Order Dispatch	Yes/No	Q1	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, Billing Efficiency and Collection Efficiency 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)

	Date of Issuance of Tariff Order			
	2018-19	2019-20	2020-21	2021-22
DISCOMS				
Andhra Pradesh	27-Mar-18	22-Feb-19	10-Feb-20	25-Mar-21
APEPDCL	27-Mar-18	22-Feb-19	10-Feb-20	25-Mar-21
APSPDCL	27-Mar-18	22-Feb-19	10-Feb-20	25-Mar-21
APCPDCL	NA	NA	NA	25-Mar-21
Assam	19-Mar-18	1-Mar-19	7-Mar-20	15-Feb-21
APDCL	19-Mar-18	1-Mar-19	7-Mar-20	15-Feb-21
Bihar	21-Mar-18	25-Feb-19	20-Mar-20	26-Mar-21
NBPDCL	21-Mar-18	25-Feb-19	20-Mar-20	26-Mar-21
SBPDCL	21-Mar-18	25-Feb-19	20-Mar-20	26-Mar-21
Chhattisgarh	26-Mar-18	28-Feb-19	30-May-20	02-Aug-21
CSPDCL	26-Mar-18	28-Feb-19	30-May-20	02-Aug-21
Delhi	28-Mar-18	31-Jul-19	28-Aug-20	30-Sep-21
BRPL	28-Mar-18	31-Jul-19	28-Aug-20	30-Sep-21
BYPL	28-Mar-18	31-Jul-19	28-Aug-20	30-Sep-21
TPDDL	28-Mar-18	31-Jul-19	28-Aug-20	30-Sep-21
Gujarat	31-Mar-18	24-Apr-19	31-Mar-20	31-Mar-21
DGVCL	31-Mar-18	24-Apr-19	31-Mar-20	31-Mar-21
MGVCL	31-Mar-18	24-Apr-19	31-Mar-20	31-Mar-21
PGVCL	31-Mar-18	24-Apr-19	31-Mar-20	31-Mar-21
UGVCL	31-Mar-18	24-Apr-19	31-Mar-20	31-Mar-21
Haryana	15-Nov-18	7-Mar-19	1-Jun-20	30-Mar-21
DHBVNL	15-Nov-18	7-Mar-19	1-Jun-20	30-Mar-21
UHBVNL	15-Nov-18	7-Mar-19	1-Jun-20	30-Mar-21
Jharkhand	27-Apr-18	28-Feb-19	01-Oct-20	Not Issued
JBVNL	27-Apr-18	28-Feb-19	01-Oct-20	Not Issued
Karnataka	14-May-18	30-May-19	04-Nov-20	09-Jun-21
BESCOM	14-May-18	30-May-19	04-Nov-20	09-Jun-21
CESCOM	14-May-18	30-May-19	04-Nov-20	09-Jun-21
GESCOM	14-May-18	30-May-19	04-Nov-20	09-Jun-21
HESCOM	14-May-18	30-May-19	04-Nov-20	09-Jun-21
MESCOM	14-May-18	30-May-19	04-Nov-20	09-Jun-21
Madhya Pradesh	3-May-18	8-Aug-19	17-Dec-20	30-Jun-21
MPMaKVCL	3-May-18	8-Aug-19	17-Dec-20	30-Jun-21
MPPaKVCL	3-May-18	8-Aug-19	17-Dec-20	30-Jun-21
MPPoKVCL	3-May-18	8-Aug-19	17-Dec-20	30-Jun-21
Maharashtra*	12-Sep-18	12-Sep-18	30-Mar-20	30-Mar-20
MSEDCL	12-Sep-18	12-Sep-18	30-Mar-20	30-Mar-20
Meghalaya*	31-Mar-18	31-Mar-18	25-Mar-20	25-Mar-21

Date of Issuance of Tariff Order (Distribution Utilities)

	Date of Issuance of Tariff Order			
	2018-19	2019-20	2020-21	2021-22
MePDCL	31-Mar-18	31-Mar-18	25-Mar-20	25-Mar-21
Odisha	22-Mar-18	29-Mar-19	22-Apr-20	26-Mar-21
TPCODL	22-Mar-18	29-Mar-19	22-Apr-20	26-Mar-21
NESCO Utility	22-Mar-18	29-Mar-19	22-Apr-20	26-Mar-21
TPSODL	22-Mar-18	29-Mar-19	22-Apr-20	26-Mar-21
TPWODL	22-Mar-18	29-Mar-19	22-Apr-20	26-Mar-21
Rajasthan	28-May-18	6-Feb-20	24-Nov-21	24-Nov-21
AVVNL	28-May-18	6-Feb-20	24-Nov-21	24-Nov-21
JdVVNL	28-May-18	6-Feb-20	24-Nov-21	24-Nov-21
JVVNL	28-May-18	6-Feb-20	24-Nov-21	24-Nov-21
Telangana	27-Mar-18	29-Apr-20	Not Issued	Not Issued
TSNPDCL	27-Mar-18	29-Apr-20	Not Issued	Not Issued
TSSPDCL	27-Mar-18	29-Apr-20	Not Issued	Not Issued
Uttar Pradesh	22-Jan-19	3-Sep-19	11-Nov-20	29-Jul-21
DVVNL	22-Jan-19	3-Sep-19	11-Nov-20	29-Jul-21
KESCO	22-Jan-19	3-Sep-19	11-Nov-20	29-Jul-21
MVVNL	22-Jan-19	3-Sep-19	11-Nov-20	29-Jul-21
PaVVNL	22-Jan-19	3-Sep-19	11-Nov-20	29-Jul-21
PuVVNL	22-Jan-19	3-Sep-19	11-Nov-20	29-Jul-21
Uttarakhand	21-Mar-18	27-Feb-19	18-Apr-20	26-Apr-21
UPCL	21-Mar-18	27-Feb-19	18-Apr-20	26-Apr-21
GEDCO/Integrated Utilities				
Himachal Pradesh	4-May-18	29-Jun-19	6-Jun-20	31-May-21
HPSEBL	4-May-18	29-Jun-19	6-Jun-20	31-May-21
Kerala*	27-Mar-18	8-Jul-19	8-Jul-19	8-Jul-19
KSEBL	27-Mar-18	8-Jul-19	8-Jul-19	8-Jul-19
Manipur	12-Mar-18	26-Mar-19	20-Mar-20	26-Apr-21
MSPDCL	12-Mar-18	26-Mar-19	20-Mar-20	26-Apr-21
Punjab	19-Apr-18	27-May-19	1-Jun-20	28-May-21
PSPCL	19-Apr-18	27-May-19	1-Jun-20	28-May-21
Tamil Nadu*	11-Aug-17	Not Issued	Not Issued	Not Issued
TANGEDCO	11-Aug-17	Not Issued	Not Issued	Not Issued
Tripura*	1-Sep-20	1-Sep-20	1-Sep-20	Not Issued
TSECL	1-Sep-20	1-Sep-20	1-Sep-20	Not Issued
West Bengal	25-Aug-21	25-Aug-21	Not Issued	Not Issued
WBSEDCL	25-Aug-21	25-Aug-21	Not Issued	Not Issued
Power Departments				
Arunachal Pradesh*	31-May-18	Not Issued	Not Issued	Not Issued
Arunachal PD	31-May-18	Not Issued	Not Issued	Not Issued
Goa	28-Mar-18	20-May-19	19-May-20	30-Mar-21

Date of Issuance of Tariff Order (Distribution Utilities)

	Date of Issuance of Tariff Order			
	2018-19	2019-20	2020-21	2021-22
Goa PD	28-Mar-18	20-May-19	19-May-20	30-Mar-21
J&K and Ladakh*	7-Oct-16	7-Oct-16	7-Oct-16	Not Issued
JKPDD	7-Oct-16	7-Oct-16	7-Oct-16	Not Issued
Mizoram	12-Mar-18	22-Mar-19	20-Mar-20	26-Mar-21
Mizoram PD	12-Mar-18	22-Mar-19	20-Mar-20	26-Mar-21
Nagaland*	29-Mar-18	23-Apr-19	20-Mar-20	20-Mar-20
Nagaland PD	29-Mar-18	23-Apr-19	20-Mar-20	20-Mar-20
Puducherry	28-Mar-18	20-May-19	22-Apr-20	7-Apr-21
Puducherry PD	28-Mar-18	20-May-19	22-Apr-20	7-Apr-21
Sikkim	28-Mar-18	29-May-19	16-Mar-20	26-Feb-21
Sikkim PD	28-Mar-18	29-May-19	16-Mar-20	26-Feb-21
Union Territories				
Andaman & Nicobar	26-Feb-18	20-May-19	18-May-20	31-May-21
ED Andaman & Nicobar	26-Feb-18	20-May-19	18-May-20	31-May-21
Chandigarh	28-Mar-18	20-May-19	19-May-20	30-Mar-21
Chandigarh ED	28-Mar-18	20-May-19	19-May-20	30-Mar-21
Dadra & Nagar Haveli	30-Jan-18	20-May-19	18-May-20	23-Mar-21
DNHPDCL	30-Jan-18	20-May-19	18-May-20	23-Mar-21
Daman & Diu	13-Mar-18	20-May-19	18-May-20	23-Mar-21
Daman & Diu ED	13-Mar-18	20-May-19	18-May-20	23-Mar-21
Lakshadweep	19-Mar-18	20-May-19	18-May-20	31-Mar-21
Lakshadweep ED	19-Mar-18	20-May-19	18-May-20	31-Mar-21

[*] Represents that the dates refer to MYT order instead of Retail Tariff orders:

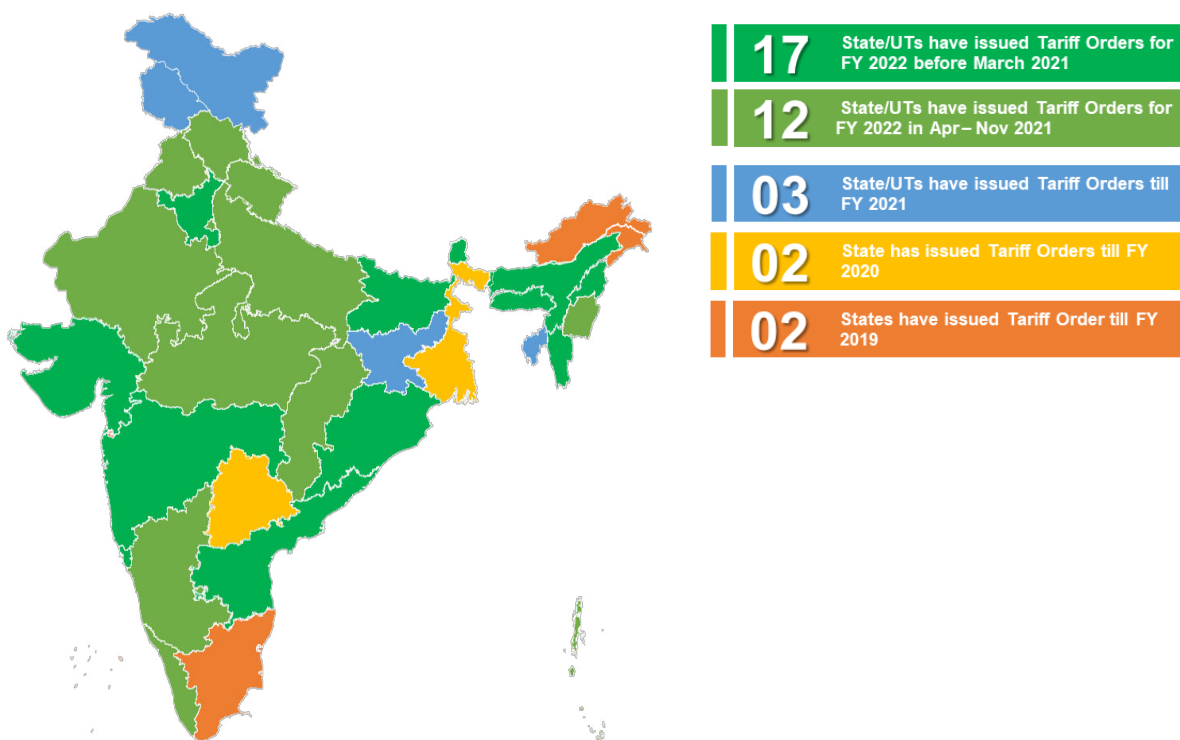
- Maharashtra Tariff order for 2018-19 and 2019-20 was issued in Sep 2018 and MYT order for 2020-21 to 2024-25 was issued in March 2020
- Meghalaya MYT order for 2018-19 to 2020-21 was issued in March 2018
- Tripura MYT order for 2016-17 to 2020-21 was issued in September 2020
- Tamil Nadu MYT order for 2016-17 to 2018-19 was issued in August 2017
- Kerala MYT order for 2018-19 to 2021-22 was issued in July 2019
- J&K and Ladakh MYT order for 2016-17 to 2020-21 was issued in October 2016.
- Nagaland MYT order for FY 2020-21 to FY 2024-25 was issued in March 2020.
- Arunachal Pradesh SERC wide order dated 06 Sept. 2019 allowed to continue tariff for 2019-19 till further orders.

Notes:

- A. Dates updated as on 30th November 2021
- B. For the state of 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.

Date of Issuance of Tariff Order (Distribution Utilities)

Summary of findings:



- a) 29 States/UTs have issued Retail Tariff Orders for FY 2022.
- b) 16 States/UTs namely Andhra Pradesh, Assam, Bihar, Gujarat, Haryana, Maharashtra, Meghalaya, Odisha, Goa, Mizoram, Nagaland, Sikkim, Chandigarh, Dadra & Nagar Haveli, Daman & Diu and Lakshadweep had issued these orders timely, i.e. before 31st Mar 2021.
- c) 07 States/UTs, namely Arunachal Pradesh, Jharkhand, Tripura, Telangana, Tamil Nadu, Jammu and Kashmir (including Ladakh) and West Bengal have yet not issued tariff orders for FY 2022.

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

DISCOMS	Tariff order date (FY-2021-22)	True-up (FY)
Andhra Pradesh	25-Mar-21	2018-19
APEPDCL	25-Mar-21	2018-19
APSPDCL	25-Mar-21	2018-19
APCPDCL	25-Mar-21	2018-19
Assam	15-Feb-21	2019-20
APDCL	15-Feb-21	2019-20
Bihar	26-Mar-21	2019-20
NBPDCL	26-Mar-21	2019-20
SBPDCL	26-Mar-21	2019-20
Chhattisgarh	02-Aug-21	2019-20
CSPDCL	02-Aug-21	2019-20
Delhi	30-Sep-21	2019-20
BRPL	30-Sep-21	2019-20
BYPL	30-Sep-21	2019-20
TPDDL	30-Sep-21	2019-20
Gujarat	31-Mar-21	2019-20
DGVCL	31-Mar-21	2019-20
MGVCL	31-Mar-21	2019-20
UGVCL	31-Mar-21	2019-20
PGVCL	31-Mar-21	2019-20
Haryana	30-Mar-21	2019-20
DHBVNL	30-Mar-21	2019-20
UHBVNL	30-Mar-21	2019-20
Jharkhand	01-Oct-20	2018-19
JBVNL	01-Oct-20	2018-19
Karnataka	09-Jun-21	2019-20
BESCOM	09-Jun-21	2019-20
CESCOM	09-Jun-21	2019-20
GESCOM	09-Jun-21	2019-20
HESCOM	09-Jun-21	2019-20
MESCOM	09-Jun-21	2019-20

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

DISCOMS	Tariff order date (FY-2021-22)	True-up (FY)
Madhya Pradesh	30-Jun-21	2019-20
MPMaKVVCL	30-Jun-21	2019-20
MPPaKVVCL	30-Jun-21	2019-20
MPPoKVVCL	30-Jun-21	2019-20
Maharashtra	30-Mar-20	2019-20 (Provisional)
MSEDCL	30-Mar-20	2019-20 (Provisional)
Meghalaya	25-Mar-21	2017-18
MePDCL	25-Mar-21	2017-18
Odisha	26-Mar-21	2019-20
TPCODL	26-Mar-21	2019-20
NESCO Utility	26-Mar-21	2019-20
TPSODL	26-Mar-21	2019-20
TPWODL	26-Mar-21	2019-20
Rajasthan	24-Nov-21	2019-20
AVVNL	24-Nov-21	2019-20
JdVVNL	24-Nov-21	2019-20
JVVNL	24-Nov-21	2019-20
Telangana	Not Issued	2018-19
TSNPDCL	Not Issued	2018-19
TSSPDCL	Not Issued	2018-19
Uttar Pradesh	29-Jul-21	2019-20
DVVNL	29-Jul-21	2019-20
KESCO	29-Jul-21	2019-20
MVVNL	29-Jul-21	2019-20
PaVVNL	29-Jul-21	2019-20
PuVVNL	29-Jul-21	2019-20
Uttarakhand	26-Apr-21	2019-20
UPCL	26-Apr-21	2019-20
GEDCO/Integrated Utilities		
Himachal Pradesh	31-May-21	2019-20
HPSEBL	31-May-21	2019-20

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

DISCOMS	Tariff order date (FY-2021-22)	True-up (FY)
Kerala	08-Jul-19	2016-17
KSEBL	08-Jul-19	2016-17
Manipur	26-Apr-21	2019-20 (Provisional)
MSPDCL	26-Apr-21	2019-20 (Provisional)
Punjab	28-May-21	2019-20
PSPCL	28-May-21	2019-20
Tamil Nadu	Not Issued	2015-16
TANGEDCO	Not Issued	2015-16
Tripura	Not Issued	2015-16
TSECL	Not Issued	2015-16
West Bengal	Not Issued	2012-13
WBSEDCL	Not Issued	2012-13
Power Departments		
Arunachal Pradesh	Not Issued	2016-17
Arunachal PD	Not Issued	2016-17
Goa	30-Mar-21	2016-17
Goa PD	30-Mar-21	2016-17
J&K and Ladakh	Not Issued	2014-15
JKPDD	Not Issued	2014-15
Mizoram	26-Mar-21	2019-20
Mizoram PD	26-Mar-21	2019-20
Nagaland	Not Issued	2014-15 (Provisional)
Nagaland PD	Not Issued	2014-15 (Provisional)
Puducherry	07-Apr-21	2019-20
Puducherry PD	07-Apr-21	2019-20
Sikkim	26-Feb-21	2019-20 (Provisional)
Sikkim PD	26-Feb-21	2019-20 (Provisional)
Union Territories		
Andaman & Nicobar	31-May-21	2016-17
ED Andaman & Nicobar	31-May-21	2016-17

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

DISCOMS	Tariff order date (FY-2021-22)	True-up (FY)
Chandigarh	30-Mar-21	2019-20
Chandigarh ED	30-Mar-21	2019-20
Dadra & Nagar Haveli	23-Mar-21	2019-20
DNHPDCL	23-Mar-21	2019-20
Daman & Diu	23-Mar-21	2019-20
Daman & Diu ED	23-Mar-21	2019-20
Lakshadweep	31-Mar-21	2016-17
Lakshadweep ED	31-Mar-21	2016-17

Date of Issuance of Tariff Order (Transmission Utilities)

	Date of Issuance of Tariff Order	
	Applicable Period	Date of Issuance
TRANSCO		
Andhra Pradesh	2019-24	08-Mar-19
APTRANSCO	2019-24	08-Mar-19
Assam	2021-22	15-Feb-21
AEGCL	2021-22	15-Feb-21
Bihar	2021-22	19-Mar-21
BSPTCL	2021-22	19-Mar-21
Chhattisgarh	2021-22	02-Aug-21
CSPTCL	2021-22	02-Aug-21
Delhi	2021-22	30-Sep-21
DTL	2021-22	30-Sep-21
Gujarat	2021-22	30-Mar-21
GETCO	2021-22	30-Mar-21
Haryana	2021-22	09-Mar-21
HVPNL	2021-22	09-Mar-21
Himachal Pradesh	2019-24	29-Jun-19
HPPTCL	2019-24	29-Jun-19
Jharkhand	2016-21	24-Feb-18
JUSNL	2016-21	24-Feb-18
Karnataka	2021-22	09-Jun-21
KPTCL	2021-22	09-Jun-21
Kerala	2018-22	08-Jul-19
KSEB	2018-22	08-Jul-19
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	2021-22	26-Apr-21
MSPCL	2021-22	26-Apr-21
Meghalaya	2021-24	25-Mar-21
MePTCL	2021-24	25-Mar-21
Odisha	2021-22	26-Mar-21
OPTCL	2021-22	26-Mar-21
Punjab	2021-22	28-May-21
PSTCL	2021-22	28-May-21
Rajasthan	2020-21	12-Oct-20
RRVPNL	2020-21	12-Oct-20
Tamil Nadu	2016-19	11-Aug-17
TANTRANSCO	2016-19	11-Aug-17
Telangana	2019-24	20-Mar-20
TSTRANSCO	2019-24	20-Mar-20

Date of Issuance of Tariff Order (Transmission Utilities)

	Date of Issuance of Tariff Order	
	Applicable Period	Date of Issuance
Tripura	2016-21	01-Sep-20
TSECL	2016-21	01-Sep-20
Uttar Pradesh	2021-22	29-Jun-21
UPPTCL	2021-22	29-Jun-21
Uttarakhand	2021-22	26-Apr-21
PTCUL	2021-22	26-Apr-21
West Bengal	2020-23	25-Jun-21
WBSETCL	2020-23	25-Jun-21
Power Departments		
Arunachal Pradesh	2018-19	07-Jun-19
Arunachal PD	2018-19	07-Jun-19
J&K and Ladakh	2015-16	27-Feb-15
JKPDD-T	2015-16	27-Feb-15
Union Territories		
Dadra & Nagar Haveli	2021-22	23-Mar-21
DNHPDCL	2021-22	23-Mar-21

Notes:

- A. For the state of Nagaland, Sikkim, Goa and UTs of A&N Islands, Chandigarh, Daman & Diu, Puducherry and Lakshadweep, the respective commissions have not issued any tariff order for transmission as the respective PDs and EDs do not own any separate transmission asset/Utility.

Date of Issuance of Tariff Order (Generation Utilities)

	Date of Issuance of Tariff Order	
	Applicable Period	Date of Issuance
GENCO		
Andhra Pradesh	2020-24	29-Apr-19
APGENCO	2020-24	29-Apr-19
Assam	2021-22	15-Feb-21
APGCL	2021-22	15-Feb-21
Bihar	2018-19	07-Mar-18
BSPGCL	2018-19	07-Mar-18
Chhattisgarh	2021-22	02-Aug-21
CSPGCL	2021-22	02-Aug-21
Delhi	2021-22	30-Sep-21
IPGCL	2021-22	30-Sep-21
PPCL	2021-22	30-Sep-21
Gujarat	2021-22	30-Mar-21
GSECL	2021-22	30-Mar-21
Haryana	2021-22	18-Feb-21
HPGCL	2021-22	18-Feb-21
Himachal Pradesh	2020-24	11-Nov-21
HPSEB Ltd.	2020-24	11-Nov-21
Jharkhand	2016-21	25-Sep-18
JUUNL	2016-21	25-Sep-18
Karnataka²	2011-36	25-Feb-15
KPCL	2011-36	25-Feb-15
Kerala	2019-22	08-Jul-19
KSEB	2019-22	08-Jul-19
Madhya Pradesh	2016-17	24-Jul-18
MPPGCL	2016-17	24-Jul-18
Maharashtra	2020-25	01-Mar-21
MSPGCL	2020-25	01-Mar-21
Meghalaya	2021-24	25-Mar-21
MePGCL	2021-24	25-Mar-21
Mizoram	2018-23	12-Mar-18
P&ED	2018-23	12-Mar-18
Odisha	2021-22	26-Mar-21
OHPC	2021-22	26-Mar-21
OPGCL	2021-22	26-Mar-21
Punjab	2021-22	28-May-21
PSPCL	2021-22	28-May-21
Rajasthan	2020-21	11-Sep-20
RRVUNL	2020-21	11-Sep-20
Tamil Nadu	2017-19	11-Aug-17
TANGEDCO	2017-19	11-Aug-17

Date of Issuance of Tariff Order (Generation Utilities)

	Date of Issuance of Tariff Order	
	Applicable Period	Date of Issuance
Telangana	2014-19	05-Jun-17
TSGENCO	2014-19	05-Jun-17
Tripura	2016-21	01-Sep-20
TPGL	2016-21	01-Sep-20
Uttar Pradesh	2014-19	3-Jul-18 & 29-Apr-16
UPJVNL	2014-19	03-Jul-18
UPRVUNL	2014-19	29-Apr-16
Uttarakhand	2019-22	27-Feb-19
UJVNL	2019-22	27-Feb-19
West Bengal	2020-23 & 2019-20	08-Oct-21 & 25-Aug-21
WBPDC	2020-23	08-Oct-21
WBSEDCL	2019-20	25-Aug-21
Power Departments		
Arunachal Pradesh	2019-20	20-Dec-19
Arunachal PD	2019-20	20-Dec-19
J&K and Ladakh	2015-16	27-Feb-15
JKSPDC	2015-16	27-Feb-15
Puducherry	2021-22	07-Apr-21
PPCL	2021-22	07-Apr-21

Notes:

1. For the state of Manipur, Nagaland, Sikkim, Goa and UTs of A&N Islands, Chandigarh, Daman & Diu, Dadra & Nagar Haveli, and Lakshadweep, the respective commissions have not issued any generation tariff order as the respective PDs and EDs do not own any separate generation asset/Utility
2. For the state of Karnataka, the Commission in its tariff order dated 25.02.2014 has approved tariff for Raichur Thermal Power Station for a period of 25 years starting FY 2011 based on MYT regulation for the control period 2009-14. MYT regulation for the control period 2014-19 is available but the commission is yet to approve tariff of any generation plant as per these regulations.



SECTION 2

DISTRIBUTION LOSSES



Distribution Losses, Billing and Collection Efficiency

(Figures in %)

	2018-19				2019-20				2020-21	2021-22
	Dist. Losses (Approved)	Dist. Losses (Actual)	Billing Efficiency	Collection Efficiency	Dist. Losses (Approved)	Dist. Losses (Actual)	Billing Efficiency	Collection Efficiency	Dist. Losses (Approved)	Dist. Losses (Approved)
DISCOMs										
Andhra	9.14	7.70	92.30	80.53	8.80	7.62	92.38	96.58	10.28	10.05
APEPDCL	8.49	6.68	93.32	87.37	8.21	6.64	93.36	100.00	9.28	8.9
APSPDCL	9.51	8.26	91.74	76.67	9.15	8.19	91.81	94.57	10.87	10.68
APCPDCL	NA	NA	NA	NA	NA	NA	NA	NA	NA	10.77
Assam	16.85	19.70	80.30	99.46	16.00	19.06	80.94	94.67	15.50	15.00
APDCL	16.85	19.70	80.30	99.46	16.00	19.06	80.94	94.67	15.50	15.00
Bihar	21.11	30.16	69.84	95.49	15.00	25.19	74.81	79.69	15.00	15.00
NBPDCL	20.00	26.97	73.03	100.00	15.00	21.62	78.38	89.95	15.00	15.00
SBPDCL	22.00	32.42	67.58	92.03	15.00	27.89	72.11	71.22	15.00	15.00
Chhattisgarh	14.64	18.14	81.86	85.75	14.73	17.68	82.32	92.71	16.00	16.00
CSPDCL	14.64	18.14	81.86	85.75	14.73	17.68	82.32	92.71	16.00	16.00
Delhi	9.91	8.62	91.38	99.40	9.24	7.14	92.86	98.86	--	--
BRPL	10.19	8.73	91.27	99.58	9.50	7.28	92.72	99.06	8.10	8.00
BYPL	11.69	9.33	90.67	98.60	10.50	7.30	92.70	98.62	9.00	8.75
TPDDL	8.19	7.93	92.07	99.74	8.00	6.83	93.17	98.76	7.90	7.80
Gujarat	13.57	13.44	86.56	99.37	12.62	10.40	89.60	98.27	--	--
DGVCL	10.00	5.90	94.10	100.00	9.90	3.04	96.96	96.72	9.80	6.50
MGVCL	11.70	9.41	90.59	99.56	11.60	9.15	90.85	97.62	11.55	9.00
PGVCL	20.00	20.50	79.50	99.11	17.00	17.85	82.15	98.34	16.00	16.00
UGVCL	9.80	11.20	88.80	99.08	9.70	6.73	93.27	99.84	9.60	9.00
Haryana¹	16.52	18.08	81.92	100.00	14.14	16.33	83.67	97.77	18.44 ¹	--
DHBVNL	14.14	15.34	84.66	100.00	14.14	14.37	85.63	97.66	16.53	14.00
UHBVNL	20.00	22.04	77.96	100.00	14.14	19.01	80.99	97.94	21.23	16.00
Jharkhand	15.00	22.89	77.11	92.59	14.00	22.46	77.54	81.30	13.00	--
JBVNL	15.00	22.89	77.11	92.59	14.00	22.46	77.54	81.30	13.00	--
Karnataka	13.03	12.87	87.13	92.00	12.95	12.04	87.96	93.69	--	--
BESCOM	12.25	12.27	87.73	95.99	12.25	11.99	88.01	93.27	12.25	11.50
CESCOM	12.75	12.04	87.96	90.91	12.70	11.12	88.88	88.08	12.7	10.75
GESCOM	15.00	14.41	85.59	84.85	14.89	11.22	88.78	92.51	14.89	11.00
HESCOM	14.90	14.62	85.38	87.98	14.40	14.10	85.90	98.59	14.40	13.50
MESCOM	10.95	10.52	89.48	91.51	11.00	10.07	89.93	94.16	11.00	9.67
Madhya Pradesh	15.91	27.58	72.42	87.49	15.92	20.18	79.82	87.22	--	--
MPMaKVVCL	17.00	36.72	63.28	86.84	17.00	27.60	72.40	86.78	17.00	17.00
MPPaKVVCL	15.00	16.17	83.83	89.13	15.00	11.10	88.90	88.95	15.00	14.00
MPPoKVVCL	16.00	30.57	69.43	85.86	16.00	22.52	77.48	85.33	16.00	16.00
Maharashtra²	14.76	13.84	86.16	97.23	13.26	13.09	86.91	92.15	18.00 ²	16.00

Distribution Losses, Billing and Collection Efficiency

(Figures in %)

	2018-19				2019-20				2020-21	2021-22
	Dist. Losses (Approved)	Dist. Losses (Actual)	Billing Efficiency	Collection Efficiency	Dist. Losses (Approved)	Dist. Losses (Actual)	Billing Efficiency	Collection Efficiency	Dist. Losses (Approved)	Dist. Losses (Approved)
MSEDCL	14.76	13.84	86.16	97.23	13.26	13.09	86.91	92.15	18.00	16.00
Meghalaya	16.56	35.22	64.78	100.00	12.19	29.88	70.12	93.68	12.00	12.00
MePDCL	16.56	35.22	64.78	100.00	12.19	29.88	70.12	93.68	12.00	12.00
Odisha	21.24	24.30	75.70	90.42	21.28	20.65	79.35	89.55	--	--
TPCODL	23.00	28.15	71.85	93.96	23.00	23.15	76.85	92.35	23.00	22.93
NESCO Utility	18.35	18.74	81.26	92.78	18.35	17.12	82.88	91.16	18.35	18.35
TPSODL	25.50	29.76	70.24	83.52	25.50	24.47	75.53	84.67	25.00	25.00
TPWODL	19.60	21.32	78.68	87.85	19.60	18.73	81.27	87.59	19.60	19.60
Rajasthan	15.00	20.72	79.28	90.50	15.00	17.23	82.77	84.74	--	--
AVVNL	15.00	18.03	81.97	93.48	15.00	14.48	85.52	91.11	15.00	15.00
JdVVNL	15.00	23.12	76.88	84.29	15.00	19.38	80.62	76.59	15.00	15.00
JVVNL	15.00	20.54	79.46	93.46	15.00	17.21	82.79	87.18	15.00	15.00
Telangana	11.11	6.08	93.92	87.52	--	7.95	92.05	85.24	--	--
TSNPDCL	11.77	9.90	90.10	81.40	--	9.04	90.96	72.48	--	--
TSSPDCL	10.81	4.34	95.66	90.13	--	7.43	92.57	91.21	--	--
Uttar Pradesh	15.89	18.68	81.32	82.16	11.96	18.48	81.52	85.81	11.54	11.08
DVVNL	16.25	20.96	79.04	79.55	12.10	21.27	78.73	76.53	11.80	11.33
KESCO	15.13	8.51	91.49	91.27	11.80	7.76	92.24	91.63	8.42	8.25
MVVNL	16.09	21.59	78.41	75.73	11.80	19.37	80.63	81.68	11.51	11.04
PaVVNL	15.20	14.83	85.17	91.26	11.80	15.59	84.41	96.39	11.51	11.04
PuVVNL	16.43	20.49	79.51	75.91	12.20	20.32	79.68	82.52	11.83	11.36
Uttarakhand	14.50	13.82	86.18	96.35	14.25	13.40	86.60	91.97	14.00	13.75
UPCL	14.50	13.82	86.18	96.35	14.25	13.40	86.60	91.97	14.00	13.75
GEDCO/ Integrated Utilities										
Himachal Pradesh	12.00	12.46	87.54	100.00	10.30	11.68	88.32	100.00	10.10	9.9
HPSEBL	12.00	12.46	87.54	100.00	10.30	11.68	88.32	100.00	10.10	9.9
Kerala	12.82	9.10	90.90	100.00	12.42	10.16	89.84	95.20	12.02	11.62
KSEBL	12.82	9.10	90.90	100.00	12.42	10.16	89.84	95.20	12.02	11.62
Manipur	16.40	25.86	74.14	83.40	15.00	13.12	86.88	91.77	21.19	20.50
MSPDCL	16.40	25.86	74.14	83.40	15.00	13.12	86.88	91.77	21.19	20.50
Punjab	11.89	11.28	88.72	100.00	11.54	12.02	87.98	97.35	11.24	10.94
PSPCL	11.89	11.28	88.72	100.00	11.54	12.02	87.98	97.35	11.24	10.94
Tamil Nadu	13.53	16.53	83.47	98.41	--	14.06	85.94	98.91	--	--
TANGEDCO	13.53	16.53	83.47	98.41	--	14.06	85.94	98.91	--	--
Tripura	32.55	31.68	68.32	94.42	17.02	30.04	69.96	88.84	15.79	--
TSECL	32.55	31.68	68.32	94.42	17.02	30.04	69.96	88.84	15.79	--

Distribution Losses, Billing and Collection Efficiency

(Figures in %)

	2018-19				2019-20				2020-21	2021-22
	Dist. Losses (Approved)	Dist. Losses (Actual)	Billing Efficiency	Collection Efficiency	Dist. Losses (Approved)	Dist. Losses (Actual)	Billing Efficiency	Collection Efficiency	Dist. Losses (Approved)	Dist. Losses (Approved)
West Bengal	17.50	23.00	77.00	100.00	17.50	18.57	81.43	97.75	--	--
WBSEDCL	17.50	23.00	77.00	100.00	17.50	18.57	81.43	97.75	--	--
Power Departments										
Arunachal Pradesh³	38.00	55.50	44.50	100.00	--	45.71	54.29	100.00	--	--
Arunachal PD	38.00	55.50	44.50	100.00	--	45.71	54.29	100.00	--	--
Goa	10.75	11.26	88.74	95.00	10.75	12.00	88.00	97.74	10.50	10.25
Goa PD	10.75	11.26	88.74	95.00	10.75	12.00	88.00	97.74	10.50	10.25
J&K and Ladakh	25.00	39.00	61.00	82.06	15.00	50.11	49.89	79.25	14.00	--
JKPDD	25.00	39.00	61.00	82.06	15.00	50.11	49.89	79.25	14.00	--
Mizoram	18.30	16.20	83.80	100.00	16.52	20.66	79.34	100.00	19.64	18.16
Mizoram PD	18.30	16.20	83.80	100.00	16.52	20.66	79.34	100.00	19.64	18.16
Nagaland	21.50	25.00	75.00	79.92	21.00	52.93	47.07	100.00	20.75	20.50
Nagaland PD	21.50	25.00	75.00	79.92	21.00	52.93	47.07	100.00	20.75	20.50
Puducherry	11.00	13.27	86.73	92.50	12.50	12.75	87.25	93.47	11.75	11.00
Puducherry PD	11.00	13.27	86.73	92.50	12.50	12.75	87.25	93.47	11.75	11.00
Sikkim	24.00	29.80	70.20	82.86	22.00	28.72	71.28	99.77	20.00	20.00
Sikkim PD	24.00	29.80	70.20	82.86	22.00	28.72	71.28	99.77	20.00	20.00
Union Territories										
Andaman & Nicobar	13.59	23.20	76.80	99.76	14.34	22.60	77.40	99.87	13.84	13.34
ED Andaman & Nicobar	13.59	23.20	76.80	99.76	14.34	22.60	77.40	99.87	13.84	13.34
Chandigarh	12.25	4.21	95.79	100.00	9.40	4.60	95.40	100.00	9.30	9.20
Chandigarh ED	12.25	4.21	95.79	100.00	9.40	4.60	95.40	100.00	9.30	9.20
Dadra & Nagar Haveli	4.70	3.93	96.07	98.42	4.30	3.56	96.44	100.00	4.20	4.10
DNHPDCL	4.70	3.93	96.07	98.42	4.30	3.56	96.44	100.00	4.20	4.10
Daman & Diu	8.30	6.19	93.81	100.00	6.70	4.07	95.93	100.00	6.60	6.50
Daman & Diu ED	8.30	6.19	93.81	100.00	6.70	4.07	95.93	100.00	6.60	6.50
Lakshadweep	12.25	8.87	91.13	84.13	12.75	14.13	85.87	99.83	12.50	12.25
Lakshadweep ED	12.25	8.87	91.13	84.13	12.75	14.13	85.87	99.83	12.50	12.25

Distribution Losses, Billing and Collection Efficiency

(Figures in %)

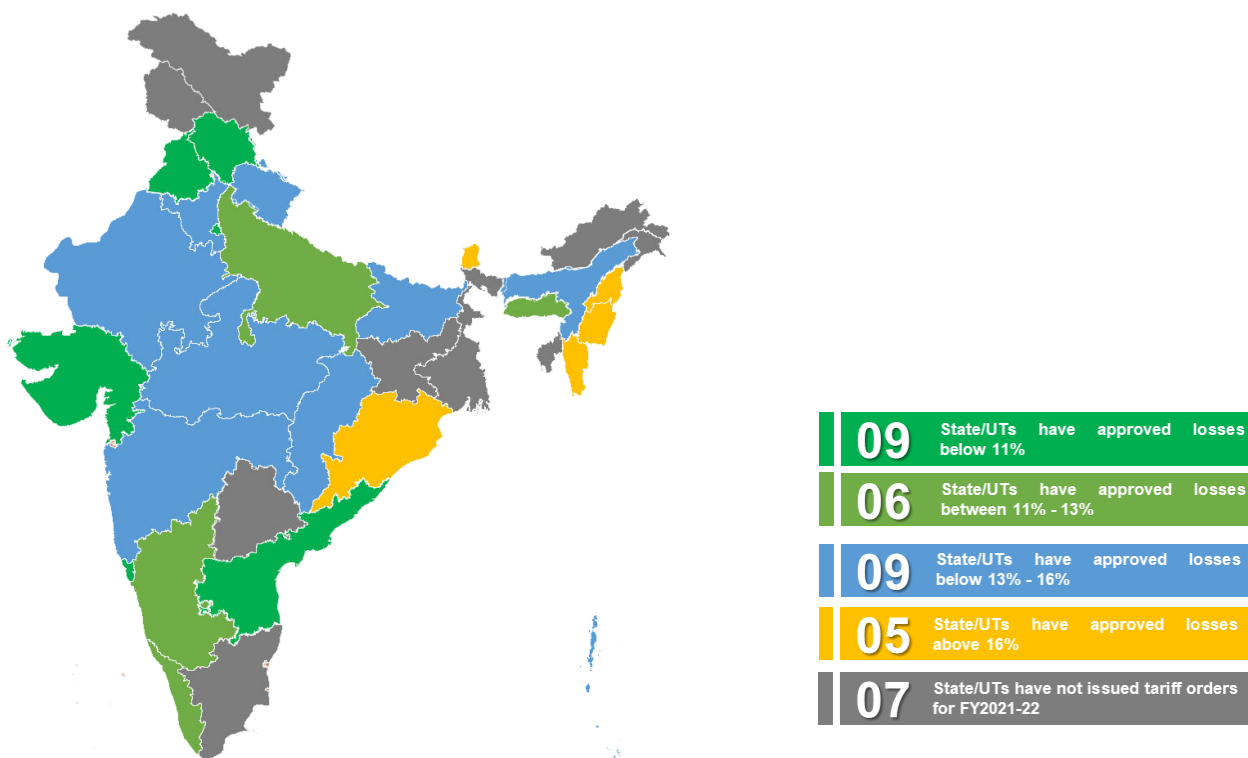
Remarks:

1. Haryana (HERC) has not approved final distribution losses for FY2021-22, however HERC has stated minimum distribution loss of 16% for UHBVNL and 14% for DHBVNL with respect to an overall billing efficiency of 99.5% as per the order (FY2022)
2. For the state of Maharashtra, distribution losses for 2019-20 are as per provisional true-up order. The approved distribution losses have increased in 2019-20 mainly on account of re-assessment of agriculture sales on the basis of findings of the study conducted by the working group for agricultural consumption.
3. For the state of Arunachal Pradesh, AT&C loss values have been considered as mentioned in the tariff order 2018-19.

Distribution Losses, Billing and Collection Efficiency

(Figures in %)

Summary of findings:



- a) 9 States/UTs namely Andhra Pradesh, Chandigarh, Daman & Diu, Dadra & Nagar Haveli, Delhi, Gujarat, Goa, Himachal Pradesh and Punjab have approved Distribution losses below 11%
- b) 5 States, namely Manipur, Mizoram, Nagaland, Odisha and Sikkim have their approved losses above 16%.
- c) 7 States namely Arunachal Pradesh, Jharkhand, Jammu & Kashmir (including Ladakh), Telangana, Tamil Nadu, Tripura and West Bengal have not issued tariff order for FY2021-22



SECTION 3

AVERAGE BILLING RATE



Average Billing Rate

(Figures in Rs/kWh)

	2018-19		2019-20		2020-21	2021-22
	Approved	Actual*	Approved	Actual*	Approved	Approved
DISCOMS						
Andhra Pradesh	5.84	5.00	5.99	4.56	6.50	6.37
APEPDCL	5.77	5.11	5.81	5.00	6.41	6.42
APSPDCL	5.89	4.94	6.09	4.33	6.75	6.18
APCPDCL	NA	-	NA	-	NA	6.62
Assam	7.35	6.64	7.05	6.25	7.87	7.71
APDCL	7.35	6.64	7.05	6.25	7.87	7.71
Bihar	7.37	4.72	7.14	4.52	7.05	7.38
NBPDCL	7.06	4.40	6.85	4.33	6.94	7.21
SBPDCL	7.62	5.00	7.41	4.70	7.16	7.53
Chhattisgarh	6.20	4.05	6.07	3.77	5.93	6.29
CSPDCL	6.20	4.05	6.07	3.77	5.93	6.29
Delhi	7.56	6.85	7.16	6.98	7.41	7.72
BRPL	7.52	7.25	7.11	6.99	7.41	8.62
BYPL	7.47	6.85	6.98	6.44	7.05	7.48
TPDDL	7.67	6.38	7.36	7.38	7.69	6.91
Gujarat	5.85	5.00	5.81	5.44	5.87	6.23
DGVCL	6.61	6.43	6.57	6.92	6.64	6.94
MGVCL	6.26	5.52	6.06	6.34	6.11	6.53
PGVCL	5.61	4.83	5.66	5.22	5.72	6.15
UGVCL	5.20	3.80	5.25	4.06	5.32	5.57
Haryana	7.06	4.99	7.05	4.79	7.23	6.78
DHBVNL	7.06	4.71	7.05	4.53	6.99	6.78
UHBVNL	7.06	5.43	7.05	5.17	6.99	6.78
Jharkhand	5.86	4.37	6.32	3.94	6.53	--
JBVNL	5.86	4.37	6.32	3.94	6.53	--
Karnataka	6.75	4.68	7.20	4.98	7.93	8.12
BESCOM	6.80	5.90	7.37	6.23	8.30	8.42
CESCOM	6.37	3.74	6.93	3.68	7.46	7.61
GESCOM	6.74	3.86	7.02	4.10	7.64	7.74
HESCOM	6.80	2.75	7.08	3.11	7.76	8.00
MESCOM	6.86	4.84	7.13	5.09	7.28	7.94
Madhya Pradesh	6.03	4.04	6.59	3.64	6.51	6.60
MPMaKVVCL	6.08	4.34	6.69	3.81	6.26	7.31
MPPaKVVCL	6.02	3.90	6.53	3.56	6.64	5.80
MPPoKVVCL	6.00	3.93	6.57	3.57	6.60	6.85
Maharashtra	6.58	5.64	6.80	5.99	7.28	7.26
MSEDCL	6.58	5.64	6.80	5.99	7.28	7.26
Meghalaya	6.54	4.98	--	4.57	6.76	6.26

Average Billing Rate

(Figures in Rs/kWh)

	2018-19		2019-20		2020-21	2021-22
MePDCL	6.54	4.98	--	4.57	6.76	6.26
Odisha	4.69	5.10	4.77	5.22	4.82	5.29
TPCODL	4.74	5.24	4.80	5.23	4.90	5.36
TPNODL	4.81	5.10	4.86	5.27	4.90	5.30
TPSODL	4.30	4.65	4.40	4.90	4.43	4.95
TPWODL	4.70	5.14	4.85	5.31	4.86	5.36
Rajasthan	6.96	4.32	7.90	4.39	--	6.56
AVVNL	7.18	4.71	8.51	5.16	--	7.86
JdVVNL	6.44	3.43	7.05	3.35	--	6.53
JVVNL	7.27	4.78	8.16	4.72	--	5.68
Telangana	6.08	4.23	--	4.79	--	--
TSNPDCL	6.48	3.05	--	4.08	--	--
TSSPDCL	5.90	4.72	--	5.13	--	--
Uttar Pradesh	6.91	5.38	7.38	5.70	7.55	6.36
DVVNL	6.61	5.15	6.60	5.44	7.28	6.05
KESCO	7.77	7.72	8.16	7.94	8.27	8.11
MVVNL	7.06	5.72	7.99	6.30	7.75	6.56
PaVVNL	6.90	5.51	7.28	5.64	7.49	6.43
PuVVNL	6.95	4.79	7.58	5.17	7.58	6.12
Uttarakhand	5.06	4.79	5.32	5.31	5.61	5.80
UPCL	5.06	4.79	5.32	5.31	5.61	5.80
GEDCO/ Integrated Utilities						
Himachal Pradesh	5.34	5.09	5.36	5.00	5.18	5.18
HPSEBL	5.34	5.09	5.36	5.00	5.18	5.18
Kerala	N/A	5.80	6.55	6.13	N/A	N/A
KSEBL	N/A	5.80	6.55	6.13	N/A	N/A
Manipur	10.88	4.73	9.31	4.61	9.11	11.02
MSPDCL	10.88	4.73	9.31	4.61	9.11	11.02
Punjab	6.39	4.62	6.54	4.68	6.50	6.48
PSPCL	6.39	4.62	6.54	4.68	6.50	6.48
Tamil Nadu	6.14	4.72	--	4.40	--	--
TANGEDCO	6.14	4.72	--	4.40	--	--
Tripura	4.80	5.03	4.85	5.27	4.90	--
TSECL	4.80	5.03	4.85	5.27	4.90	--
West Bengal	7.10	6.15	6.98	6.02	--	--
WBSEDCL	7.10	6.15	6.98	6.02	--	--
Power Departments						
Arunachal Pradesh	13.30	3.77	--	4.65	--	--
Arunachal PD	13.30	3.77	--	4.65	--	--
Goa	5.36	4.90	5.56	4.85	5.57	5.63
Goa PD	5.36	4.90	5.56	4.85	5.57	5.63

Average Billing Rate

(Figures in Rs/kWh)

	2018-19		2019-20		2020-21	2021-22
J&K and Ladakh	N/A	3.16	N/A	3.58	N/A	--
JKPDD	N/A	3.16	N/A	3.58	N/A	--
Mizoram	6.36	4.95	5.86	4.34	8.85	7.65
Mizoram PD	6.36	4.95	5.86	4.34	8.85	7.65
Nagaland	8.29	2.52	8.67	3.95	10.19	--
Nagaland PD	8.29	2.52	8.67	3.95	10.19	--
Puducherry	5.46	5.43	5.92	5.39	5.85	5.82
Puducherry PD	5.46	5.43	5.92	5.39	5.85	5.82
Sikkim	4.90	3.90	4.26	4.29	4.15	4.46
Sikkim PD	4.90	3.90	4.26	4.29	4.15	4.46
Union Territories						
Andaman & Nicobar	7.04	6.04	6.27	6.34	6.89	6.63
ED Andaman & Nicobar	7.04	6.04	6.27	6.34	6.89	6.63
Chandigarh	5.47	4.61	5.44	5.12	5.53	5.10
Chandigarh ED	5.47	4.61	5.44	5.12	5.53	5.10
Dadra & Nagar Haveli	4.68	4.98	4.69	5.38	5.37	5.11
DNHPDCL	4.68	4.98	4.69	5.38	5.37	5.11
Daman & Diu	3.99	3.88	4.18	4.44	4.90	4.90
Daman & Diu ED	3.99	3.88	4.18	4.44	4.90	4.90
Lakshadweep	5.81	4.65	4.51	4.90	4.72	4.79
Lakshadweep ED	5.81	4.65	4.51	4.90	4.72	4.79

Notes:

- A. Actual values are as per Report on Performance of State Power Utilities (2019-20) published by PFC Ltd.
- B. Approved Values are as per tariff order issued by the respective SERCs/JERCs
- C. State level aggregation is based on average of DISCOM level values weighted against corresponding energy sales.
- D. Average billing rate has been estimated by dividing revenue from sale of power at approved tariff and approved subsidy with estimated energy sale.
- E. ABR values include subsidy booked

Change in Average Billing Rate

(Figures in %)

	YoY change in ABR (incl. tariff subsidy)			
	2018-19	2019-20	2020-21	2021-22
DISCOMS				
Andhra Pradesh	5%	2%	9%	(2%)
APEPDCL	5%	1%	10%	0%
APSPDCL	6%	3%	11%	(8%)
APCPDCL	NA	NA	NA	NA
Assam	(1%)	(4%)	12%	(2%)
APDCL	(1%)	(4%)	12%	(2%)
Bihar	4%	(3%)	(1%)	5%
NBPDCL	1%	(3%)	1%	4%
SBPDCL	5%	(3%)	(3%)	5%
Chhattisgarh	(4%)	(2%)	(2%)	6%
CSPDCL	(4%)	(2%)	(2%)	6%
Delhi	0%	(5%)	3%	4%
BRPL	2%	(5%)	4%	16%
BYPL	1%	(7%)	1%	6%
TPDDL	(3%)	(4%)	4%	(10%)
Gujarat	1%	(1%)	1%	6%
DGVCL	1%	(1%)	1%	5%
MGVCL	1%	(3%)	1%	7%
PGVCL	1%	1%	1%	8%
UGVCL	1%	1%	1%	5%
Haryana	(1%)	0%	3%	(6%)
DHBVNL	(1%)	0%	(0.85%)	(3%)
UHBVNL	(1%)	0%	(0.85%)	(3%)
Jharkhand	42%	8%	3%	NA
JBVNL	42%	8%	3%	NA
Karnataka	5%	7%	10%	2%
BESCOM	5%	8%	13%	1%
CESCOM	3%	9%	8%	2%
GESCOM	7%	4%	9%	1%
HESCOM	6%	4%	10%	3%
MESCOM	5%	4%	2%	9%
Madhya Pradesh	(3%)	9%	(1%)	1%
MPMaKVVCL	(5%)	10%	(6%)	17%
MPPaKVVCL	(2%)	8%	2%	(13%)
MPPoKVVCL	(3%)	9%	0%	4%
Maharashtra	2%	3%	7%	(0%)
MSEDCL	2%	3%	7%	(0%)
Meghalaya	3%	N/A	N/A	(7%)
MePDCL	3%	N/A	N/A	(7%)

Change in Average Billing Rate

(Figures in %)

	YoY change in ABR (incl. tariff subsidy)			
	2018-19	2019-20	2020-21	2021-22
Odisha	0%	2%	1%	10%
TPCODL	0%	1%	2%	9%
TPNODL	0%	1%	1%	8%
TPSODL	2%	2%	1%	12%
TPWODL	(2%)	3%	0%	10%
Rajasthan	0%	14%	--	NA
AVVNL	(1%)	19%	--	NA
JdVVNL	0%	9%	--	NA
JVVNL	0%	12%	--	NA
Telangana	2%	--	--	NA
TSNPDCCL	1%	--	--	NA
TSSPDCL	2%	--	--	NA
Uttar Pradesh	11%	7%	2%	(16%)
DVVNL	4%	0%	10%	(17%)
KESCO	6%	5%	1%	(2%)
MVVNL	12%	13%	(3%)	(15%)
PaVVNL	6%	5%	3%	(14%)
PuVVNL	23%	9%	0%	(19%)
Uttarakhand	3%	5%	5%	3%
UPCL	3%	5%	5%	3%
GEDCO/Integrated Utilities				
Himachal Pradesh	1%	0%	(3%)	0%
HPSEBL	1%	0%	(3%)	0%
Kerala	N/A	N/A	N/A	NA
KSEBL	N/A	N/A	N/A	NA
Manipur	30%	(14%)	(2%)	21%
MSPDCL	30%	(14%)	(2%)	21%
Punjab	4%	2%	(1%)	(0%)
PSPCL	4%	2%	(1%)	(0%)
Tamil Nadu	5%	--	--	NA
TANGEDCO	5%	--	--	NA
Tripura	0%	1%	1%	NA
TSECL	0%	1%	1%	NA
West Bengal	6%	(2%)	--	NA
WBSEDCL	6%	(2%)	--	NA
Power Departments				
Arunachal Pradesh	37%	--	--	NA
Arunachal PD	37%	--	--	NA
Goa	1%	4%	0%	1%
Goa PD	1%	4%	0%	1%

Change in Average Billing Rate

(Figures in %)

	YoY change in ABR (incl. tariff subsidy)			
	2018-19	2019-20	2020-21	2021-22
J&K and Ladakh	N/A	N/A	N/A	NA
JKPDD	N/A	N/A	N/A	NA
Mizoram	12%	(8%)	51%	(14%)
Mizoram PD	12%	(8%)	51%	(14%)
Nagaland	1%	5%	18%	NA
Nagaland PD	1%	5%	18%	NA
Puducherry	4%	8%	(1%)	(1%)
Puducherry PD	4%	8%	(1%)	(1%)
Sikkim	2%	(13%)	(3%)	7%
Sikkim PD	2%	(13%)	(3%)	7%
Union Territories				
Andaman & Nicobar	(3%)	(10.9%)	9.72%	(3.63%)
ED Andaman & Nicobar	(3%)	(10.9%)	9.72%	(3.63%)
Chandigarh	7%	(1%)	2%	(8%)
Chandigarh ED	7%	(1%)	2%	(8%)
Dadra & Nagar Haveli	11%	0%	14%	(5%)
DNHPDCL	11%	0%	14%	(5%)
Daman & Diu	(8%)	5%	17%	0%
Daman & Diu ED	(8%)	5%	17%	0%
Lakshadweep	(1%)	(22.3%)	7%	1.48%
Lakshadweep ED	(1%)	(22.3%)	7%	1.48%

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.
- B. For the state of 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.
- C. Values between -1 and 1 have been rounded off to nil.



SECTION 4

AVERAGE COST OF SUPPLY



Average Cost of Supply

(Figures in Rs./kWh)

	2018-19		2019-20		2020-21	2021-22
	Approved	Actual*	Approved	Actual*	Approved	Approved
DISCOMs						
Andhra Pradesh	5.84	8.75	5.99	7.26	6.73	6.33
APEPDCL	5.77	8.32	5.81	6.26	6.59	6.39
APSPDCL	5.89	8.99	6.09	7.85	6.82	6.13
APCPDCL	NA	-	NA	-	NA	6.59
Assam	6.68	9.11	6.73	8.85	7.07	7.40
APDCL	6.68	9.11	6.73	8.85	7.07	7.40
Bihar	7.35	9.61	6.57 ⁴	9.20	7.05	7.38
NBPDCL	7.18	10.03	5.53	9.62	6.96	6.04
SBPDCL	7.49	9.28	7.51	8.85	7.13	8.53
Chhattisgarh	6.20	7.32	6.07	7.31	5.93	5.32
CSPDCL	6.20	7.32	6.07	7.31	5.93	5.32
Delhi	7.41	8.46	7.12	8.64	7.39	7.67
BRPL	7.47	8.29	7.11	8.61	7.38	8.57
BYPL	7.41	8.88	6.86	8.74	7.03	7.42
TPDDL	7.34	8.40	7.32	8.60	7.68	6.85
Gujarat	5.80	6.11	5.91	6.46	5.97	6.10
DGVCL	6.63	6.82	6.48	7.16	6.85	7.02
MGVCL	6.18	6.23	6.07	6.60	6.16	6.34
PGVCL	5.55	6.07	5.89	6.44	5.85	5.94
UGVCL	5.13	5.49	5.39	5.80	5.29	5.37
Haryana	6.97	8.00	6.89	7.24	7.49	6.79
DHBVNL	N/A	7.35	6.69	6.90	7.25	6.66
UHBVNL	N/A	9.03	7.20	7.74	7.84	6.98
Jharkhand	5.86	7.37	6.51	8.63	6.39	--
JBVNL	5.86	7.37	6.51	8.63	6.39	--
Karnataka	6.75	7.35	7.20	7.79	7.77	8.12
BESCOM	6.80	7.89	7.37	8.29	8.14	8.42
CESCOM	6.37	6.66	6.93	6.81	7.30	7.61
GESCOM	6.74	6.89	7.02	8.30	7.47	7.74
HESCOM	6.80	7.19	7.08	6.99	7.60	8.00
MESCOM	6.86	6.24	7.13	7.28	7.13	7.94
Madhya Pradesh	6.03	8.43	6.59	7.55	6.51	6.60
MPMaKVVCL	6.08	9.95	6.69	8.28	6.52	7.31
MPPaKVVCL	6.02	7.07	6.53	6.61	6.64	5.80
MPPoKVVCL	6.00	8.77	6.57	8.06	6.34	6.85
Maharashtra	6.67	7.64	7.03	8.36	7.51	7.10
MSEDCL	6.67	7.64	7.03	8.36	7.51	7.10
Meghalaya	7.65	10.72	7.80	10.79	7.76 ¹	5.75
MePDCL	7.65	10.72	7.80	10.79	7.76	5.75
Odisha	4.68	6.27	4.77	6.03	4.79	5.25
TPCODL	4.73	6.19	4.80	6.04	4.87	5.36
TPNODL	4.78	5.45	4.86	5.87	4.86	5.30

Average Cost of Supply

(Figures in Rs./kWh)

	2018-19		2019-20		2020-21	2021-22
TPSODL	4.30	5.61	4.40	6.36	4.41	4.95
TPWODL	4.70	7.28	4.85	6.00	4.81	5.25
Rajasthan	7.04	9.09	8.04	8.88	--	7.66
AVVNL	7.19	9.52	8.08	8.70	--	7.71
JdVVNL	6.97	8.93	8.14	9.13	--	7.74
JVVNL	6.99	8.92	7.92	8.78	--	7.55
Telangana	6.02	7.48	--	7.55	--	--
TSNPDCL	6.29	7.91	--	7.58	--	--
TSSPDCL	5.90	7.29	--	7.54	--	--
Uttar Pradesh	6.17	7.85	7.35	7.83	7.05	6.32
DVVNL	6.69	8.17	7.24	7.47	6.81	6.02
KESCO	5.11	9.34	7.07	8.76	7.77	8.06
MVVNL	6.98	8.78	7.72	8.30	7.23	6.52
PaVVNL	5.21	7.03	6.99	7.44	7.00	6.39
PuVVNL	6.46	7.72	7.66	8.13	7.08	6.08
Uttarakhand	5.05	6.03	5.28	6.03	5.53	5.76
UPCL	5.05	6.03	5.28	6.03	5.53	5.76
GEDCO/ Integrated Utilities						
Himachal Pradesh	5.33	8.12	5.36	7.83	5.18	5.18
HPSEBL	5.33	8.12	5.36	7.83	5.18	5.18
Kerala	6.11	6.56	6.51	6.67	6.43	6.36
KSEBL	6.11	6.56	6.51	6.67	6.43	6.36
Manipur	12.00	10.21	10.51 ⁵	9.39	9.33 ⁶	11.90 ⁷
MSPDCL	12.00	10.21	10.51	9.39	9.33	11.90
Punjab	5.74	6.92	6.45	7.13	6.63	6.56
PSPCL	5.74	6.92	6.45	7.13	6.63	6.56
Tamil Nadu	5.84	8.51	--	8.24	--	--
TANGEDCO	5.84	8.51	--	8.24	--	--
Tripura	4.89	16.32	4.89	16.83	5.00	--
TSECL	4.89	16.32	4.89	16.83	5.00	--
West Bengal	6.75	8.23	6.87	8.22	--	--
WBSEDCL	6.75	8.23	6.87	8.22	--	--
Power Departments						
Arunachal Pradesh	13.40	16.23	--	14.74	--	--
Arunachal PD	13.40	16.23	--	14.74	--	--
Goa	5.36	5.42	5.56	5.60	5.57	5.63
Goa PD	5.36	5.42	5.56	5.60	5.57	5.63
J&K and Ladakh	5.84	7.53	5.28	9.20	5.22	--
JKPDD	5.84	7.53	5.28	9.20	5.22	--
Mizoram	6.35	13.56	5.86	11.44	8.85	7.65 ²
Mizoram PD	6.35	13.56	5.86	11.44	8.85	7.65
Nagaland	8.29	12.98	8.67	17.79	10.40	--
Nagaland PD	8.29	12.98	8.67	17.79	10.40	--

Average Cost of Supply

(Figures in Rs./kWh)

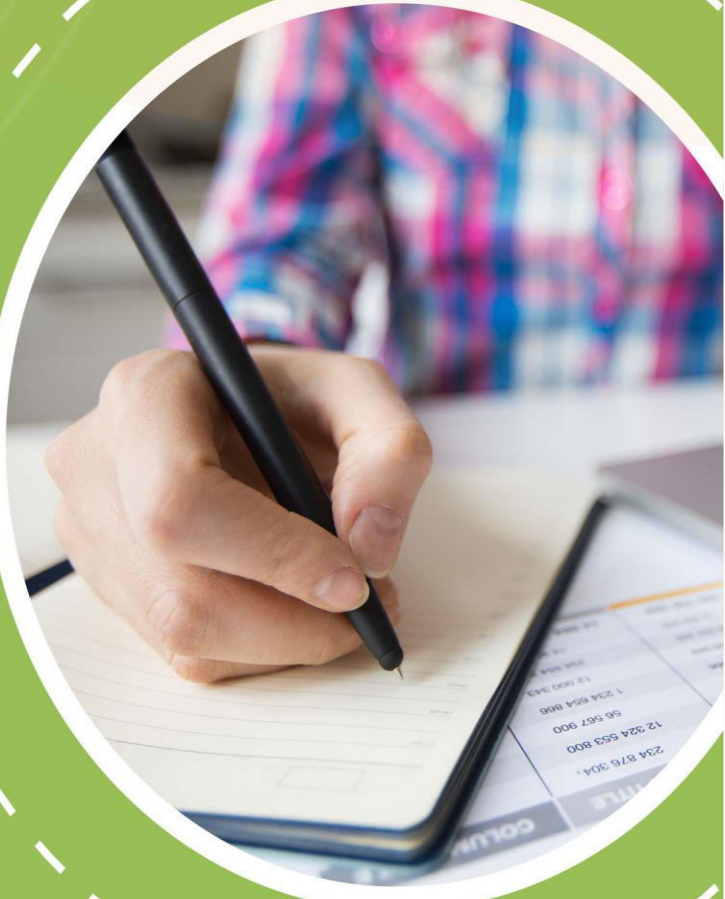
	2018-19		2019-20		2020-21	2021-22
Puducherry	5.28	5.64	5.70	6.79	5.89	5.78
Puducherry PD	5.28	5.64	5.70	6.79	5.89	5.78
Sikkim	4.89	11.78	4.26 ⁸	11.72	4.34	5.59 ³
Sikkim PD	4.89	11.78	4.26	11.72	4.34	5.59
Union Territories						
Andaman & Nicobar	17.99	31.57	25.36	31.79	27.39	29.52
ED Andaman & Nicobar	17.99	31.57	25.36	31.79	27.39	29.52
Chandigarh	5.11	5.57	5.12	5.11	4.99	5.05
Chandigarh ED	5.11	5.57	5.12	5.11	4.99	5.05
Dadra & Nagar Haveli	4.38	5.04	4.93	5.43	5.18	5.17
DNHPDCL	4.38	5.04	4.93	5.43	5.18	5.17
Daman & Diu	4.22	3.28	4.67	4.21	5.02	4.99
Daman & Diu ED	4.22	3.28	4.67	4.21	5.02	4.99
Lakshadweep	19.56	27.16	25.66	26.67	27.55	31.21
Lakshadweep ED	19.56	27.16	25.66	26.67	27.55	31.21

Notes:

- A. Actual values are as per Report on Performance of State Power Utilities (2019-20) published by PFC Ltd.
- B. Approved Values are as per tariff order issued by the respective SERCs/JERCs
- C. For the state of 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.
- D. State level aggregation is based on average of DISCOM level values weighted against corresponding energy sales.

SECTION 5

REPRESENTATIVE TARIFFS



Representative Tariffs

(Figures in Rs/kWh)

#	Tariff Applicable from	Applicable Period	Domestic (3KW, 100 Units per month)						
			State	Energy Charges	Fixed Charges	Electrical Duty	Total	Govt Subsidy	Effective Rate
1	1-Apr-21	2021-22	Andhra Pradesh*	2.60	0.30	0.06	2.96	-	2.96
2	1-Apr-21	2021-22	Assam	4.90	1.50	0.20	6.60	-	6.60
3	1-Apr-21	2021-22	Bihar	6.10	1.20	0.44	7.74	-	7.74
4	1-Aug-21	2021-22	Chhattisgarh*	3.60	0.60	0.29	4.49	-	4.49
5	1-Oct-21	2021-22	Delhi	3.00	1.50	0.23	4.73	-	4.73
6	1-Apr-21	2021-22	Gujarat	3.28	0.25	0.53	4.06	-	4.06
7	1-Apr-21	2021-22	Haryana*	2.25	0.00	0.10	2.35	-	2.35
8	1-Oct-20	2020-21	Jharkhand	6.25	0.75	0.20	7.20	-	7.20
9	1-Apr-21	2021-22	Karnataka*	4.83	2.75	0.68	8.26	-	8.26
10	8-July-21	2021-22	Madhya Pradesh	4.59	1.09	0.51	6.19	-	6.19
11	1-Apr-21	2021-22	Maharashtra	4.82	1.02	0.77	6.61	-	6.61
12	1-Apr-21	2021-22	Meghalaya	4.00	1.80	0.05	5.85	-	5.85
13	4-Apr-21	2021-22	Odisha	3.90	0.60	0.16	4.66	-	4.66
14	1-Apr-21	2021-22	Rajasthan**	5.63	2.30	0.40	8.33	-	8.33
15	1-Apr-18	2018-19	Telangana*	2.03	-	0.06	2.09	-	2.09
16	1-Apr-21	2021-22	Uttar Pradesh*	3.35	2.70	0.05	6.10	-	6.10
17	1-Apr-21	2021-22	Uttarakhand	2.80	0.60	0.15	3.55	-	3.55
18	1-Jun-21	2021-22	Himachal Pradesh*	3.95	0.70	0.14	4.79	2.40	2.39
19	8-Jul-19	2020-21	Kerala	3.43	0.90	0.43	4.76	-	4.76
20	1-May-21	2021-22	Manipur*	5.10	1.95	0.71	7.76	-	7.76
21	1-Jun-21	2021-22	Punjab*	3.74	1.80	0.83	6.37	-	6.37
22	11-Aug-17	2017-18	Tamil Nadu*	2.50	0.15	0.00	2.65	1.25	1.40
23	1-Sep-20	2020-21	Tripura*	4.82	0.40	0.31	5.53	-	5.53
24	1-Apr-19	2019-20	West Bengal	5.53	0.45	0.60	6.58	-	6.58

Representative Tariffs

(Figures in Rs/kWh)

#	Tariff Applicable from	Applicable Period	Domestic (3KW, 100 Units per month)						
			State	Energy Charges	Fixed Charges	Electrical Duty	Total	Govt Subsidy	Effective Rate
25	1-Jun-18	2018-19	Arunachal Pradesh*	4.00	0.00	0.00	4.00	-	4.00
26	1-Apr-21	2021-22	Goa*	1.50	0.25	0.20	1.95	-	1.95
27	1-Oct-16	2016-17	J&K and Ladakh*	1.69	0.17	0.52	2.38	-	2.38
28	1-Apr-21	2021-22	Mizoram*	4.80	1.50	0.00	6.30	-	6.30
29	1-Apr-20	2020-21	Nagaland*	5.23	0.10	0.00	5.33	-	5.33
30	1-Apr-21	2021-22	Puducherry	1.55	0.40	0.00	1.95	-	1.95
31	1-Apr-21	2021-22	Sikkim	1.50	0.50	0.00	2.00	-	2.00
32	1-Jun-21	2021-22	Andaman & Nicobar*	2.25	0.20	0.00	2.45	-	2.45
33	1-Apr-21	2021-22	Chandigarh	2.50	0.30	0.09	2.89	-	2.89
34	1-Apr-21	2021-22	Dadra & Nagar Haveli	1.75	0.10	0.00	1.85	-	1.85
35	1-Apr-21	2021-22	Daman & Diu	1.40	0.20	0.00	1.60	-	1.60
36	1-Apr-21	2021-22	Lakshadweep*	1.35	0.20	0.00	1.55	-	1.55

Notes:

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

[**] Due to COVID impact, the tariff has been carried over from the order released on 06th April 2020.

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	1-Apr-21	2021-22	Andhra Pradesh*	6.39	0.06	0.06	6.51	-	6.51
2	1-Apr-21	2021-22	Assam	6.37	0.30	0.20	6.87	-	6.87
3	1-Apr-21	2021-22	Bihar	7.44	0.24	0.46	8.14	-	8.14
4	1-Aug-21	2021-22	Chhattisgarh*	4.80	0.12	0.38	5.30	-	5.30
5	1-Oct-21	2021-22	Delhi	4.30	0.30	0.23	4.83	-	4.83
6	1-Apr-21	2021-22	Gujarat	4.50	0.05	0.68	5.23	-	5.23
7	1-Apr-21	2021-22	Haryana*	4.95	0.00	0.10	5.05	-	5.05
8	1-Oct-20	2020-21	Jharkhand	6.25	0.15	0.24	6.64	-	6.64
9	1-Apr-21	2021-22	Karnataka*	7.28	0.55	0.70	8.53		8.53
10	8-July-21	2021-22	Madhya Pradesh	6.02	1.50	0.90	8.42		8.42
11	1-Apr-21	2021-22	Maharashtra	9.15	2.04	1.46	12.65	-	12.65
12	1-Apr-21	2021-22	Meghalaya	5.28	0.36	0.05	5.69	-	5.69
13	4-Apr-21	2021-22	Odisha	5.30	0.12	0.21	5.63	-	5.63
14	1-Apr-21	2021-22	Rajasthan**	7.04	0.69	0.40	8.13	-	8.13
15	1-Apr-18	2018-19	Telangana*	6.94	0.00	0.06	7.00	-	7.00
16	1-Apr-21	2021-22	Uttar Pradesh*	6.05	0.66	0.34	7.05	-	7.05
17	1-Apr-21	2021-22	Uttarakhand	4.81	1.8	0.15	6.76	-	6.76
18	1-Jun-21	2021-22	Himachal Pradesh*	4.87	0.14	0.15	5.16	1.10	4.06
19	8-Jul-19	2020-21	Kerala	7.10	0.26	0.74	8.10	-	8.10
20	1-May-21	2021-22	Manipur*	6.26	0.39	0.67	7.32	-	7.32
21	1-Jun-21	2021-22	Punjab*	6.00	0.36	0.95	7.31	-	7.31
22	11-Aug-17	2017-18	Tamil Nadu*	5.28	0.05	0.00	5.33	0.25	5.08
23	1-Sep-20	2020-21	Tripura*	6.24	0.10	0.38	6.72		6.72
24	1-Apr-19	2019-20	West Bengal	6.85	0.09	0.69	7.63	-	7.63
25	1-Jun-18	2018-19	Arunachal Pradesh*	4.00	0.00	0.00	4.00	-	4.00

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
26	1-Apr-21	2021-22	Goa*	2.90	0.05	0.20	3.15	-	3.15
27	1-Oct-16	2016-17	J&K and Ladakh*	2.80	0.03	0.52	3.35	-	3.35
28	1-Apr-21	2021-22	Mizoram*	5.60	0.30	0.00	5.90	-	5.90
29	1-Apr-20	2020-21	Nagaland*	6.35	0.02	0.00	6.37	-	6.37
30	1-Apr-21	2021-22	Puducherry	4.18	0.09	0.00	4.27	-	4.27
31	1-Apr-21	2021-22	Sikkim	3.10	0.1	0.00	3.20	-	3.20
32	1-Jun-21	2021-22	Andaman & Nicobar	5.77	0.04	0.00	5.81	-	5.81
33	1-Apr-21	2021-22	Chandigarh	3.81	0.06	0.09	3.96	-	3.96
34	1-Apr-21	2021-22	Dadra & Nagar Haveli*	2.45	0.06	0.00	2.51	-	2.51
35	1-Apr-21	2021-22	Daman & Diu	2.28	0.04	0.00	2.32	-	2.32
36	1-Apr-21	2021-22	Lakshadweep*	4.67	0.04	0.00	4.71	-	4.71

Notes:

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

[**] Due to COVID impact, the tariff has been carried over from the order released on 06th April 2020.

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	Total
1	1-Apr-21	2021-22	Andhra Pradesh	9.10	0.75	0.06	9.91
2	1-Apr-21	2021-22	Assam	7.20	1.30	0.20	8.70
3	1-Apr-21	2021-22	Bihar	7.08	1.8	0.53	9.41
4	1-Aug-21	2021-22	Chhattisgarh	6.78	0.5	0.84	8.12
5	1-Oct-21	2021-22	Delhi	8.50	2.50	0.55	11.55
6	1-Apr-21	2021-22	Gujarat	4.35	0.50	1.21	6.06
7	1-Apr-21	2021-22	Haryana	7.05	0.00	0.10	7.15
8	1-Oct-20	2020-21	Jharkhand	6.00	1.00	0.30	7.30
9	1-Apr-21	2021-22	Karnataka	9.25	1.05	0.93	11.23
10	8-July-21	2021-22	Madhya Pradesh	6.40	1.53	1.19	9.12
11	1-Apr-21	2021-22	Maharashtra	8.56	4.15	1.80	14.51
12	1-Apr-21	2021-22	Meghalaya	7.10	1.20	0.06	8.36
13	4-Apr-21	2021-22	Odisha	7.02	0.30	0.28	7.60
14	1-Apr-21	2021-22	Rajasthan**	8.52	0.76	0.40	9.68
15	1-Apr-18	2018-19	Telangana	8.82	0.60	0.06	9.48
16	1-Apr-21	2021-22	Uttar Pradesh	7.86	4.50	0.05	12.41
17	1-Apr-21	2021-22	Uttarakhand	5.80	0.90	0.15	6.85
18	1-Jun-21	2021-22	Himachal Pradesh	5.00	0.26	0.43	5.69
19	8-Jul-19	2020-21	Kerala	8.00	1.40	0.94	10.34
20	1-May-21	2021-22	Manipur	7.35	0.85	0.82	9.02
21	1-Jun-21	2021-22	Punjab	7.12	0.45	1.14	8.71
22	11-Aug-17	2017-18	Tamil Nadu	8.05	0.70	0.44	9.19
23	1-Sep-20	2020-21	Tripura	6.93	0.12	0.00	7.05
24	1-Apr-19	2019-20	West Bengal	7.48	0.30	0.78	8.56
25	1-Jun-18	2018-19	Arunachal Pradesh	5.00	0.00	0.00	5.00
26	1-Apr-21	2021-22	Goa	4.57	0.10	0.70	5.37

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	Total
27	1-Oct-16	2016-17	J&K and Ladakh	3.86	0.42	0.87	5.15
28	1-Apr-21	2021-22	Mizoram	6.98	0.80	0.00	7.78
29	1-Apr-20	2020-21	Nagaland	8.43	0.03	0.00	8.46
30	1-Apr-21	2021-22	Puducherry	6.92	0.75	0.00	7.67
31	1-Apr-21	2021-22	Sikkim	5.36	1.00	0.00	6.36
32	1-Jun-21	2021-22	Andaman & Nicobar	8.70	0.06	0.00	8.76
33	1-Apr-21	2021-22	Chandigarh	4.70	0.20	0.11	5.01
34	1-Apr-21	2021-22	Dadra & Nagar Haveli	3.90	0.04	0.00	3.94
35	1-Apr-21	2021-22	Daman & Diu	3.84	0.05	0.00	3.89
36	1-Apr-21	2021-22	Lakshadweep	8.49	0.06	0.00	8.55

[**] Due to COVID impact, the tariff has been carried over from the order released on 06th April 2020.

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	Electric al Duty	Total	Govt Subsidy	Effective Rate
1	1-Apr-21	2021-22	Andhra Pradesh*	0.00	0.00	0.00	0.00	-	0.00
2	1-Apr-21	2021-22	Assam	4.30	0.41	0.20	4.91	-	4.91
3	1-Apr-21	2021-22	Bihar	5.55	0.37	0.36	6.28	-	6.28
4	1-Aug-21	2021-22	Chhattisgarh*	4.90	1.22	0.00	6.12	-	6.12
5	1-Oct-21	2021-22	Delhi	1.50	1.15	0.13	2.78	-	2.78
6	1-Apr-21	2021-22	Gujarat*	0.60	0.24	0.00	0.84	-	0.84
7	1-Apr-21	2021-22	Haryana*	0.10	0.00	0.00	0.10	-	0.10
8	1-Oct-20	2020-21	Jharkhand	5.00	0.24	0.02	5.26	-	5.26
9	1-Apr-21	2021-22	Karnataka	4.30	0.00	0.00	4.30	4.30	0.00
10	8-July-21	2021-22	Madhya Pradesh	5.36	0.86	0.00	6.22	-	6.22
11	1-Apr-21	2021-22	Maharashtra	3.29	0.51	0.00	3.80	-	3.80
12	1-Apr-21	2021-22	Meghalaya	3.00	0.92	0.24	4.16	-	4.16
13	4-Apr-21	2021-22	Odisha	1.50	0.83	0.03	2.36	0.1	2.26
14	1-Apr-21	2021-22	Rajasthan**	5.55	0.37	0.04	5.96	-	5.96
15	1-Apr-18	2018-19	Telangana*	0.00	0.00	0.00	0.00	-	0.00
16	1-Apr-21	2021-22	Uttar Pradesh*	2.00	0.86	0.08	2.94	-	2.94
17	1-Apr-21	2021-22	Uttarakhand	2.75	0.00	0.15	2.90	-	2.90
18	1-Jun-21	2021-22	Himachal Pradesh	3.70	0.11	0.38	4.19	3.20	0.99
19	8-Jul-19	2020-21	Kerala	2.30	0.09	0.24	2.63	-	2.63
20	1-May-21	2021-22	Manipur*	4.55	0.60	0.51	5.66	-	5.66
21	1-Jun-21	2021-22	Punjab	5.66	0.00	0.00	5.66	5.66	0.00
22	11-Aug-17	2017-18	Tamil Nadu	3.22	0.00	0.00	3.22	3.22	0.00
23	1-Sep-20	2020-21	Tripura*	4.55	0.55	-	5.10	-	5.10
24	1-Apr-19	2019-20	West Bengal	4.54	0.18	0.00	4.72	-	4.72
25	1-Jun-18	2018-19	Arunachal Pradesh*	3.10	0.00	0.00	3.10	-	3.10
26	1-Apr-21	2021-22	Goa*	1.50	0.22	0.18	1.90	-	1.90

▪ There is no Agricultural category in Sikkim and Lakshadweep

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	Electric al Duty	Total	Govt Subsidy	Effective Rate
27	1-Oct-16	2016-17	J&K and Ladakh*	0.66	0.18	0.15	0.99	-	0.99
28	1-Apr-21	2021-22	Mizoram*	3.65	0.46	0.00	4.11	-	4.11
29	1-Apr-20	2020-21	Nagaland*	3.10	0.00	0.00	3.10	-	3.10
30	1-Apr-21	2021-22	Puducherry	0.00	0.13	0.00	0.13	-	0.13
31	1-Apr-21	2021-22	Sikkim	-	-	-	-	-	-
32	1-Jun-21	2021-22	Andaman & Nicobar*	1.60	0.46	0.00	2.06	-	2.06
33	1-Apr-21	2021-22	Chandigarh	2.60	0.00	0.00	2.60	-	2.60
34	1-Apr-21	2021-22	Dadra & Nagar Haveli	0.75	0.00	0.00	0.75	-	0.75
35	1-Apr-21	2021-22	Daman & Diu	0.75	0.00	0.00	0.75	-	0.75
36	1-Apr-21	2021-22	Lakshadweep	-	-	-	-	-	-

Notes:

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

[**] Due to COVID impact, the tariff has been carried over from the order released on 06th April 2020.

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	Total
1	1-Apr-21	2021-22	Andhra Pradesh	6.70	0.51	0.06	7.27
2	1-Apr-21	2021-22	Assam	5.00	0.41	0.20	5.61
3	1-Apr-21	2021-22	Bihar	6.40	0.99	0.44	7.83
4	1-Aug-21	2021-22	Chhattisgarh	5.00	0.82	0.15	5.97
5	1-Oct-21	2021-22	Delhi	7.75	1.71	0.47	9.93
6	1-Apr-21	2021-22	Gujarat	4.35	0.34	0.47	5.16
7	1-Apr-21	2021-22	Haryana	7.05	0.00	0.10	7.15
8	1-Oct-20	2020-21	Jharkhand	5.75	0.68	0.15	6.58
9	1-Apr-21	2021-22	Karnataka	6.85	0.78	0.69	8.32
10	8-July-21	2021-22	Madhya Pradesh	6.60	2.19	0.79	9.58
11	1-Apr-21	2021-22	Maharashtra	6.39	0.32	0.59	7.3
12	1-Apr-21	2021-22	Meghalaya	6.20	0.82	0.07	7.09
13	4-Apr-21	2021-22	Odisha	6.20	0.27	0.31	6.68
14	1-Apr-21	2021-22	Rajasthan**	6.30	1.00	0.40	7.70
15	1-Apr-18	2018-19	Telangana	6.70	0.04	0.06	6.80
16	1-Apr-21	2021-22	Uttar Pradesh	7.40	1.99	0.08	9.47
17	1-Apr-21	2021-22	Uttarakhand	4.60	1.06	0.20	5.86
18	1-Jun-21	2021-22	Himachal Pradesh	4.75	0.10	0.44	5.29
19	8-Jul-19	2020-21	Kerala	5.65	0.08	0.65	6.38
20	1-May-21	2021-22	Manipur	4.85	0.48	0.53	5.86
21	1-Jun-21	2021-22	Punjab	5.37	0.55	0.89	6.81
22	11-Aug-17	2017-18	Tamil Nadu	4.60	0.14	0.24	4.98
23	1-Sep-20	2020-21	Tripura	7.10	0.31	0.00	7.41
24	1-Apr-19	2019-20	West Bengal	7.15	0.34	0.19	7.68
25	1-Jun-18	2018-19	Arunachal Pradesh	3.85	0.00	0.00	3.85
26	1-Apr-21	2021-22	Goa	3.76	0.37	0.70	4.83

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	Total
27	1-Oct-16	2016-17	J&K and Ladakh	3.30	0.34	0.73	4.37
28	1-Apr-21	2021-22	Mizoram	6.20	0.55	0.00	6.75
29	1-Apr-20	2020-21	Nagaland	6.33	0.01	0.00	6.34
30	1-Apr-21	2021-22	Puducherry	6.05	0.34	0.00	6.39
31	1-Apr-21	2021-22	Sikkim	6.19	0.68	0.00	6.87
32	1-Jun-21	2021-22	Andaman & Nicobar	7.97	0.34	0.00	8.31
33	1-Apr-21	2021-22	Chandigarh	4.30	0.21	0.11	4.62
34	1-Apr-21	2021-22	Dadra & Nagar Haveli¹	3.50	0.18	0.00	3.68
35	1-Apr-21	2021-22	Daman & Diu	3.60	0.37	0.00	3.97
36	1-Apr-21	2021-22	Lakshadweep	6.50	0.34	0.00	6.84

[**] Due to COVID impact, the tariff has been carried over from the order released on 06th April 2020.

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	Total
1	1-Apr-21	2021-22	Andhra Pradesh	6.70	0.34	0.06	7.10
2	1-Apr-21	2021-22	Assam	5.45	0.32	0.20	5.97
3	1-Apr-21	2021-22	Bihar	6.40	0.82	0.43	7.65
4	1-Aug-21	2021-22	Chhattisgarh	5.75	0.68	0.23	6.66
5	1-Oct-21	2021-22	Delhi	7.75	1.14	0.44	9.33
6	1-Apr-21	2021-22	Gujarat	4.60	0.45	0.50	5.55
7	1-Apr-21	2021-22	Haryana	6.40	0.58	0.10	7.08
8	1-Oct-20	2020-21	Jharkhand	5.75	0.46	0.15	6.36
9	1-Apr-21	2021-22	Karnataka	7.24	0.64	0.71	8.59
10	8-July-21	2021-22	Madhya Pradesh	6.60	1.46	0.73	8.79
11	1-Apr-21	2021-22	Maharashtra	7.31	1.42	0.68	9.41
12	1-Apr-21	2021-22	Meghalaya	6.20	0.55	0.07	6.82
13	4-Apr-21	2021-22	Odisha	6.20	0.37	0.50	7.07
14	1-Apr-21	2021-22	Rajasthan**	7.00	0.70	0.40	8.10
15	1-Apr-18	2018-19	Telangana	6.70	0.27	0.06	7.03
16	1-Apr-21	2021-22	Uttar Pradesh	7.90	1.32	0.08	9.30
17	1-Apr-21	2021-22	Uttarakhand	4.30	0.73	0.20	5.23
18	1-Jun-21	2021-22	Himachal Pradesh	4.60	0.55	0.77	5.92
19	8-Jul-19	2020-21	Kerala	5.75	0.78	0.65	7.18
20	1-May-21	2021-22	Manipur	7.20	0.48	0.77	8.45
21	1-Jun-21	2021-22	Punjab	5.80	0.55	0.95	7.30
22	11-Aug-17	2017-18	Tamil Nadu	6.35	0.16	0.33	6.84
23	1-Sep-20	2020-21	Tripura	7.24	0.27	0.00	7.51
24	1-Apr-19	2019-20	West Bengal	7.16	1.16	1.04	9.36
25	1-Jun-18	2018-19	Arunachal Pradesh	3.50	0.00	0.00	3.50
26	1-Apr-21	2021-22	Goa	3.95	0.24	0.70	4.89

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	Total
27	1-Oct-16	2016-17	J&K and Ladakh	3.09	0.21	0.73	4.03
28	1-Apr-21	2021-22	Mizoram	6.33	0.37	0.00	6.70
29	1-Apr-20	2020-21	Nagaland	6.91	0.00	0.00	6.91
30	1-Apr-21	2021-22	Puducherry	5.30	1.92	0.00	7.22
31	1-Apr-21	2021-22	Sikkim	5.20	0.91	0.00	6.11
32	1-Jun-21	2021-22	Andaman & Nicobar	8.86	0.23	0.00	9.09
33	1-Apr-21	2021-22	Chandigarh	4.20	0.91	0.11	5.22
34	1-Apr-21	2021-22	Dadra & Nagar Haveli	3.70	0.49	0.00	4.19
35	1-Apr-21	2021-22	Daman & Diu	3.60	0.24	0.00	3.84
36	1-Apr-21	2021-22	Lakshadweep	6.50	0.23	0.00	6.73

[**] Due to COVID impact, the tariff has been carried over from the order released on 06th April 2020.

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	Total
1	1-Apr-21	2021-22	Andhra Pradesh	6.30	1.31	0.06	7.67
2	1-Apr-21	2021-22	Assam	6.35	0.60	0.20	7.15
3	1-Apr-21	2021-22	Bihar	6.55	0.82	0.44	7.81
4	1-Aug-21	2021-22	Chhattisgarh	7.10	1.03	0.43	8.56
5	1-Oct-21	2021-22	Delhi	7.75	0.68	0.42	8.85
6	1-Apr-21	2021-22	Gujarat	4.20	0.56	0.71	5.47
7	1-Apr-21	2021-22	Haryana	6.25	0.45	0.10	6.80
8	1-Oct-20	2020-21	Jharkhand	5.50	0.96	0.05	6.51
9	1-Apr-21	2021-22	Karnataka	7.67	0.68	0.75	9.10
10	8-July-21	2021-22	Madhya Pradesh	7.10	0.95	1.21	9.26
11	1-Apr-21	2021-22	Maharashtra	7.52	1.18	0.70	9.40
12	1-Apr-21	2021-22	Meghalaya	6.80	0.63	0.11	7.54
13	4-Apr-21	2021-22	Odisha	5.85	0.69	0.47	7.01
14	1-Apr-21	2021-22	Rajasthan**	7.30	0.74	0.40	8.44
15	1-Apr-18	2018-19	Telangana	6.65	1.07	0.06	7.78
16	1-Apr-21	2021-22	Uttar Pradesh	7.10	0.82	0.08	8.00
17	1-Apr-21	2021-22	Uttarakhand	4.85	0.93	0.25	6.03
18	1-Jun-21	2021-22	Himachal Pradesh	4.60	0.68	1.06	6.34
19	8-Jul-19	2020-21	Kerala	5.75	0.93	0.67	7.35
20	1-May-21	2021-22	Manipur	8.80	0.29	0.91	10.00
21	1-Jun-21	2021-22	Punjab	6.05	0.51	0.98	7.54
22	11-Aug-17	2017-18	Tamil Nadu	6.35	0.96	0.37	7.68
23	1-Sep-20	2020-21	Tripura	7.25	0.21	0.00	7.46
24	1-Apr-19	2019-20	West Bengal	7.43	1.05	1.27	9.75
25	1-Jun-18	2018-19	Arunachal Pradesh	3.35	-	0.00	3.35
26	1-Apr-21	2021-22	Goa	4.80	0.68	0.70	6.18

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	Total
27	1-Oct-16	2016-17	J&K and Ladakh	2.95	0.37	0.80	4.12
28	1-Apr-21	2021-22	Mizoram	7.05	0.22	0.00	7.27
29	1-Apr-20	2020-21	Nagaland	7.29	0.00	0.00	7.29
30	1-Apr-21	2021-22	Puducherry	5.10	1.32	0.00	6.42
31	1-Apr-21	2021-22	Sikkim	6.70	1.53	0.00	8.23
32	1-Jun-21	2021-22	Andaman & Nicobar	9.00	0.13	0.00	9.13
33	1-Apr-21	2021-22	Chandigarh	4.50	0.55	0.11	5.16
34	1-Apr-21	2021-22	Dadra & Nagar Haveli	4.10	1.10	0.00	5.20
35	1-Apr-21	2021-22	Daman & Diu	4.20	0.86	0.00	5.06
36	1-Apr-21	2021-22	Lakshadweep	9.20	0.41	0.00	9.61

[**] Due to COVID impact, the tariff has been carried over from the order released on 06th April 2020.

Assumptions

1 kVA = 1 kW (unity power factor)

LF = 100%

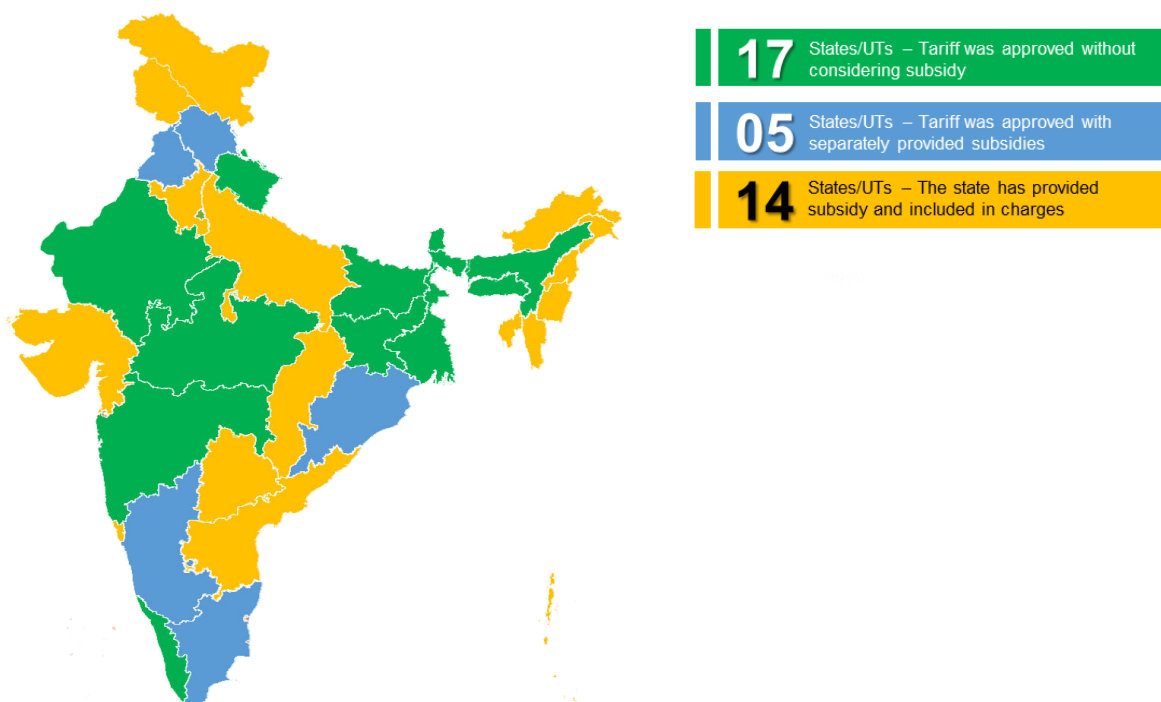
1 HP = .75 kW

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

Representative Tariffs

(Figures in Rs/kWh)

Summary of findings :



- Agricultural category has been considered for the representation, since the category has witnessed maximum subsidies across states
- In 17 States/UTs namely Assam, Bihar, Delhi, Jharkhand, Madhya Pradesh, Maharashtra, Meghalaya, Rajasthan, Uttarakhand, Kerala, West Bengal, Sikkim and UTs of Puducherry, Chandigarh, D&NH, Daman & Diu and Lakshadweep, the respective Commissions have approved tariff schedule without considering subsidy provided by the State government.
- In 5 States/UTs namely Karnataka, Odisha, Himachal Pradesh, Punjab and Tamil Nadu, the respective Commissions have approved tariff schedule and the subsidy amount has been separately provided
- In 14 States/UTs namely Andhra Pradesh, Chhattisgarh, Gujarat, Haryana, Telangana, Uttar Pradesh, Manipur, Tripura, Arunachal Pradesh, Goa, Jammu and Kashmir (including Ladakh), Mizoram, Nagaland and A&N Islands, the respective Commissions have approved tariff schedule with subsidy and the subsidy amount has been included in the energy charges / fixed charges



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	2019-20	2020-21	2021-22
Andhra Pradesh	128%	118%	131%	1,513	1,473	1,543
Assam	96%	89%	85%	103	133	132
Bihar	135%	145%	136%	1,599	617	859
Chhattisgarh	106%	111%	140%	539	548	565
Delhi ¹	NA	NA	--	NA	NA	--
Gujarat ¹	NA	NA	NA	NA	NA	NA
Haryana	111%	102%	111%	2,125	1,492	2,134
Jharkhand	N/A	124%	124%	230	249	197
Karnataka	122%	122%	128%	2,100	1,804	2,020
Madhya Pradesh	133%	145%	139%	1,451	1,289	1,456
Maharashtra	116%	111%	109%	7,232	7,515	7,879
Meghalaya	--	N/A	140%	--	5	6
Odisha ²	NA	NA	NA	NA	NA	NA
Rajasthan	103%	--	108%	820	--	819
Telangana	--	--	--	--	--	--
Uttar Pradesh	127%	128%	148%	3,807	3,071	3,425
Uttarakhand	109%	109%	113%	315	317	320
Himachal Pradesh	112%	118%	163%	202	124	90
Kerala	115%	--	--	1,135	--	--
Manipur	43%	54%	51%	20	21	19
Punjab	112%	104%	113%	2,844	844	1,052
Tamil Nadu	--	--	--	--	--	--
Tripura	--	178%	--	--	37	--
West Bengal	--	--	--	--	--	--
Arunachal Pradesh	--	--	--	--	--	--
Goa	78%	81%	84%	107	110	85
J&K and Ladakh	--	68%	--	--	--	--
Mizoram	109%	86%	99%	2	4	3
Nagaland	NA	62%	--	NA	NA	--
Puducherry	103%	102%	108%	148	130	124
Sikkim	100%	108%	76%	6	5	2
Andaman & Nicobar	29%	28%	28%	24	19	10

Cross Subsidy and Consumption Trend for LT Industrial Consumers

States/UT	Cross-Subsidy (%)			Energy Consumption (in MUs)		
Chandigarh	113%	101%	94%	148	33	18
Dadra & Nagar Haveli	87%	102%	98%	224	240	283
Daman & Diu	70%	90%	91%	220	205	221
Lakshadweep	NA	51%	43%	NA	0.35	0.37

Notes:

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

Remarks:

1. In absence of voltage wise categorization, industrial category has been assumed as HT Industries
2. For the state of Odisha, consumer category wise values are not provided

Consumption and Cross Subsidy Trend for HT Industrial Consumers

DISCOMS	Cross-Subsidy (in %)			Energy Consumption (in MUs)		
	2019-20	2020-21	2021-22	2019-20	2020-21	2021-22
Andhra Pradesh	115%	107%	117%	15,384	14,967	14,546
Assam	128%	118%	103%	888	1,145	1,021
Bihar	127%	115%	112%	2,856	2,865	2,950
Chhattisgarh	125%	115%	122%	8,142	7,290	7,173
Delhi	131%	133%	123%	3,597	2,842	3433
Gujarat	115%	131%	122%	33,639	36,390	35,838
Haryana	110%	101%	116%	12,261	8,301	11,881
Jharkhand	N/A	109%	109%	2708	2,481	2492
Karnataka	123%	123%	122%	8,396	7,293	7,763
Madhya Pradesh	115%	114%	112%	9,734	7,156	10,851
Maharashtra	120%	113%	114%	29,208	34,157	35,519
Meghalaya	--	N/A	145%	--	139	197
Odisha ²	NA	NA	NA	NA	NA	NA
Rajasthan	111%	--	121%	16,095	--	13,992
Telangana	--	--	--	--	--	--
Uttar Pradesh	101%	115%	127%	13,127	10,855	10,550
Uttarakhand	110%	109%	109%	6,446	6,633	6,884
Himachal Pradesh	103%	109%	107%	5,016	4,701	5,400
Kerala	103%	--	--	3,530	--	--
Manipur	78%	98%	99%	10	12	12
Punjab	111%	109%	111%	14,573	15,095	17,943
Tamil Nadu	--	--	--	--	--	--
Tripura	NA	NA	--	NA	NA	--
West Bengal	--	--	--	--	--	--
Arunachal Pradesh	--	--	--	--	--	--
Goa	95%	103%	102%	1,970	2,063	2,001
J&K and Ladakh	--	74%	--	--	--	--
Mizoram	105%	76%	103%	12	12	9
Nagaland	71%	62%	--	75	63	--
Puducherry	122%	119%	124%	832	942	920
Sikkim	167%	199%	160%	215	218	208
Andaman & Nicobar	NA	NA	NA	NA	NA	NA
Chandigarh	121%	114%	110%	120	330	233

Consumption and Cross Subsidy Trend for HT Industrial Consumers

DISCOMS	Cross-Subsidy (in %)			Energy Consumption (in MUs)		
Dadra & Nagar Haveli	97%	105%	100%	5,884	6,242	6,089
Daman & Diu	95%	103%	103%	2,179	2,237	2,156
Lakshadweep	48%	38%	34%	0.45	1	1

Notes:

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

Remarks:

1. In absence of voltage wise categorization, industrial category has been assumed as HT Industries
2. For the state of Odisha, consumer category wise values are not provided

Latest Cross Subsidy Details for Commercial and Industrial Consumers

Andhra Pradesh

		2021-22			
Category	Sub-category	APSPDCL	APEPDCL	APCPDCL ^A	Andhra Pradesh
LT Commercial	Non-Domestic & Others-LT	180%	164%	158%	168%
LT Industrial	Industry- LT	139%	128%	124%	131%
HT Commercial	Non-Domestic & Others-HT	194%	169%	171%	177%
HT Industrial	Industry- HT	132%	107%	116%	117%

Assam¹

		2021-22
Category	Sub-category	Assam (APDCL)
LT Commercial	Commercial Load above 0.5 kW to 25 kW	122%
LT Industrial	Small Industries Rural up-to 25 kW	82%
	Small Industries Urban	87%
HT Commercial	HT commercial 25 kW & above	119%
HT Industrial	HT Small Industries up-to 50 kVA	85%
	HT Industries-I 50 kVA to 150 kVA	97%
	HT Industries-II above 150 kVA	106%
	Tea, Coffee & Rubber	106%
	Oil & Coal	120%

Bihar²

		2021-22	
Category	Sub-category	NBPDCL	SBPDCL
LT Commercial	NDS I - Metered Now Demand Based	117%	83%
	NDS II - Demand Based	147%	114%
	LT Commercial aggregate	142%	106%

Latest Cross Subsidy Details for Commercial and Industrial Consumers

	2021-22		
Category	Sub-category	NBPDCL	SBPDCL
LT Industrial	LTIS I (0-19 KW)	170%	113%
	LTIS II (19-74 KW)	167%	128%
	LT Industrial aggregate	169%	116%

Chhattisgarh

	2021-22	
Category	Sub-category	Chhattisgarh (CSPDCL)
LT Commercial	Non-Domestic (Normal Tariff & Demand Based Tariff)	158%
LT Industrial	LT Industry	140%
HT Industrial	Steel Industries	122%

Delhi³

		2021-22			
Category	Sub-category	BRPL	BYPL	TPDDL	Delhi
LT Commercial	Non-Domestic & Others-LT	131%	153%	159%	146%
HT Industrial	Industrial	111%	127%	137%	123%

Gujarat⁴

		2021-22				
Category	Sub-category	DGVCL	MGVCL	PGVCL	UGVCL	Gujarat
LT Commercial	Non-RGP & LTMD	105%	115%	122%	137%	119%
HT Industrial	Industry- HT	110%	120%	123%	136%	122%

Haryana⁵

	2021-22
Category	Haryana (UHBVNL & DHBVNL)
HT industry	116%

Latest Cross Subsidy Details for Commercial and Industrial Consumers

Category	2021-22
	Haryana (UHBVNL & DHBVNL)
NDS (HT)	117%
LT Industry	111%

Jharkhand

2020-21		
Category	Sub-category	Jharkhand (JBVNL)
LT Commercial	Non-Domestic/Commercial	104%
LT Industrial	Industrial LT / LTIS	124%
HT Industrial	Industrial HT / HTS / S/ EHT	109%

Karnataka

2021-22							
Category	Sub-category	BESCOM	CESC	GESCOM	HESCOM	MESCOM	Karnataka
LT Commercial	Pvt. Educational Institutions Bruhat Bangalore Mahanagara Palike (BBMP), Municipal Corporations & all areas under Urban Local Bodies.	114%	--	--	--	--	118%
	Pvt. Educational Institutions Applicable to areas coming under Village Panchayats	96%	108%	115%	125%	110%	107%
	Commercial - Application to Bruhat Bangalore Mahanagara Palike (BBMP), Municipal Corporations & all areas under Urban Local Bodies.	132%	--	--	--	--	137%
	Commercial - Applicable to areas coming under Village Panchayats	115%	132%	125%	128%	130%	123%
	Pvt. Educational Institutions Applicable to all areas of Local Bodies including City	--	123%	114%	123%	124%	117%

Latest Cross Subsidy Details for Commercial and Industrial Consumers

		2021-22					
Category	Sub-category	BESCOM	CESC	GESCOM	HESCOM	MESCOM	Karnataka
	Corporations						
	Commercial - Applicable in areas under all ULBs including City Corporations.		141%	140%	158%	140%	141%
	LT Commercial aggregate	130%	138%	135%	148%	136%	135%
LT Industrial	Pvt Nurseries, Coffee & Tea Plantations of sanctioned load of 10 HP& below	77%	118%	135%	104%	130%	106%
	Pvt Nurseries, Coffee & Tea Plantations of sanctioned load above 10 HP.	--	153%	71%	105%	169%	145%
	Industrial - Applicable to all areas other than those covered under LT5(a)	125%	--	--	--	--	131%
	LT Industrial LT-5(a)	120%	123%	130%	138%	124%	125%
	LT Industrial LT-5(b)	134%	126%	146%	130%	134%	133%
	LT Industrial aggregate	124%	126%	135%	133%	132%	128%
HT Commercial	Commercial - Applicable to areas under Bangalore Mahanagara Palike Municipal Corporation. (HT-2(b) (i))	156%	--	--	--	--	161%
	Commercial - Applicable to areas other than those covered under HT2(b) (i)	133%	--	--	--	--	138%
	Hospitals and Educational Institutions other than covered under HT-2(c) (i)	129%	130%	126%	127%	118%	125%
	Commercial-HT-2(b)	--	153%	147%	170%	135%	144%

Latest Cross Subsidy Details for Commercial and Industrial Consumers

Category	Sub-category	2021-22					
		BESCOM	CESC	GESCOM	HESCOM	MESCOM	Karnataka
	HT Commercial aggregate	152%	150%	145%	162%	129%	153%
HT Industrial	Industrial - Applicable to Bangalore Mahanagara Palike(BBMP) and Municipal Corporation. HT2(a) (i)	133%	--	--	--	--	138%
	Industrial - Applicable to areas other than those under HT2(a) (i)	119%	--	--	--	--	123%
	Industrial-HT-2(a)	--	123%	116%	112%	114%	111%
	HT Industrial aggregate	127%	123%	116%	112%	114%	122%

Madhya Pradesh¹

Category	Sub-category	2021-22		
		MPMaKVCL	MPPaKVCL	MPPoKVCL
LT Commercial	LV-2 Non-Domestic	128%	161%	129%
LT Industrial	LV-4 Industrial	130%	158%	131%
HT Commercial	HV 3.2 Non-Industrial	125%	146%	133%
	HV 3.3 Shopping Mall	105%	138%	131%
	Commercial HT aggregate	123%	145%	133%
HT Industrial	HV-2 Coal Mines	141%	0%	120%
	HV3.1 Industrial	107%	148%	107%
	HV 3.4 Power Intensive	79%	87%	89%
	HV 4 Seasonal & Non seasonal	139%	135%	114%
	Industrial HT aggregate	102%	129%	104%

Latest Cross Subsidy Details for Commercial and Industrial Consumers

Maharashtra

	2021-22	
Category	Sub-category	Maharashtra (MSEDCL)
LT Commercial	LT II: LT - Non-Residential	154%
LT Industrial	LT V -Industry	109%
HT Commercial	HT II: HT - Commercial	178%
HT Industrial	HT I(A): HT - Industry (General)	114%
	HT I(C): HT - Industry (Seasonal)	138%
	Industrial HT aggregate	114%

Meghalaya

	2021-22	
Category	Sub-category	Meghalaya (MePDCL)
LT Commercial	Commercial	143%
LT Industrial	Industrial	140%
HT Commercial	Commercial	165%
HT Industrial	Industrial HT	157%
	Industrial EHT	114%
	Industrial HT aggregate	145%

Odisha⁶

Level of Voltage	2021-22			
	TPWODL	TPNODL	TPSODL	TPCODL
EHT	118%	118%	128%	117%
HT	116%	118%	126%	118%
LT	85%	86%	93%	90%

Latest Cross Subsidy Details for Commercial and Industrial Consumers

Rajasthan⁷

		2021-22			
Category	Sub-category	JVVNL	AVVNL	JdVVNL	Rajasthan
LT Commercial	Non-Domestic	140%	138%	137%	133%
LT Industrial	Small Industry	119%	108%	108%	108%
HT Industrial	Medium	129%	116%	114%	115%
	Large	128%	128%	128%	122%
	Industry-HT aggregate	146%	147%	157%	121%

Telangana

		2018-19		
Category	Sub-category	TSNPDCL	TSSPDCL	Telangana
LT Commercial	Non-Domestic/Commercial	155%	170%	165%
LT Industrial	Industrial	150%	114%	122%
HT Industrial	Industry Segregated HT 11KV	136%	146%	143%
	Industry Segregated HT 33KV	120%	131%	128%
	Industry Segregated 132 KV	106%	126%	120%
	HT Industrial aggregate	119%	136%	132%

Uttar Pradesh

		2021-22					
Category	Sub-category	DVVNL	MVVNL	PVVNL	PuVVNL	KESCO	Uttar Pradesh
LT Commercial	LMV-2: Non-Domestic	211%	155%	171%	170%	140%	172%
LT Industrial	LMV-6 Small and Medium Power	169%	133%	150%	150%	106%	148%
HT Industrial	HV-2: Large and Heavy Power	136%	129%	125%	124%	99%	127%

Uttarakhand

	2021-22
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Latest Cross Subsidy Details for Commercial and Industrial Consumers

Category	Sub-category	Uttarakhand (UPCL)
LT Commercial	Non-Domestic	118%
LT Industrial	LT Industry	113%
HT Industrial	HT Industry	109%
	Mixed Load	103%
	Railway Traction	110%
	Industrial HT aggregate	109%

Himachal Pradesh¹

	2021-22	
Category	Sub-category	Himachal Pradesh (HPSEBL)
LT Commercial	Non-Domestic (Normal Tariff & Demand Based Tariff)	115%
LT Industrial	Small	163%
HT Industrial	Medium	75%
	Large	107%
	Industrial HT aggregate	107%

Kerala

	2019-20	
Category	Sub-category	Kerala (KSEBL)
LT Commercial	LT-VI and VII General and Commercial	145%
LT Industrial	LT Industries	115%
HT Commercial	HT-II General	127%
	HT-IV Commercial	145%
	EHT Non-Industrial/General	123%
	HT Commercial aggregate	135%
HT Industrial	HT-I Industry	108%
	EHT-I 66 kV Industrial	95%

Latest Cross Subsidy Details for Commercial and Industrial Consumers

	2019-20	
Category	Sub-category	Kerala (KSEBL)
	EHT-II 110 kV Industrial	92%
	EHT-III 220 kV Industrial	96%
	HT Industrial aggregate	103%

Manipur

	2021-22	
Category	Sub-category	Manipur (MSPDCL)
LT Commercial	Commercial	77%
LT Industrial	Small Industries	51%
HT Commercial	Commercial	101%
HT Industrial	Medium Industries	85%
	Large Industries	105%
	HT Industrial aggregate	99%

Punjab

	2021-22	
Category	Sub-category	Punjab (PSPCL)
LT Commercial	Non-Residential Supply	124%
LT Industrial	Small Power	113%
HT Industrial	Medium Supply	115%
	Large Supply	110%
	HT Industrial aggregate	111%

Tamil Nadu

	2017-18	
Category	Sub-category	Tamil Nadu (TANGEDCO)
LT Commercial	Private Educational Institutions, Cinema theatre & Studios	143%
LT Industrial	Cottage and Tiny Industries	87%

Latest Cross Subsidy Details for Commercial and Industrial Consumers

	2017-18	
Category	Sub-category	Tamil Nadu (TANGEDCO)
HT Commercial	Private Educational Institutions, Cinema Theatres & Studios	138%
HT Industrial	HT Industries	143%

Tripura⁸

	2020-21	
Category	Sub-category	Tripura (TSECL)
LT Commercial	Commercial	146%
LT Industrial	Industrial	111%

Arunachal Pradesh¹¹

	2018-19	
Category	Sub-category	Arunachal Pradesh (PD, Arunachal Pradesh)
LT Commercial	Commercial/Non Residential	30%
LT Industrial	Industrial	33%

Goa

	2021-22	
Category	Sub-category	Goa (Goa PD)
LT Commercial	Commercial	94%
LT Industrial	LT-I Industrial	83%
	Low Tension Mixed/LT-P (Hotel Industries)	93%
	LT Industrial aggregate	84%
HT Commercial	Commercial	128%
HT Industrial	High Tension/HT-I	105%
	High Tension Ferro/SM/PI/SR	94%
	HT Industrial aggregate	102%

Latest Cross Subsidy Details for Commercial and Industrial Consumers

J&K and Ladakh¹¹

	2020-21	
Category	Sub-category	Jammu and Kashmir (JKPDD)
LT Commercial	Non-Domestic/Commercial	76%
LT Industrial	LT Industrial supply	68%
HT Industrial	HT-Industrial supply	73%
	HT-PIU Industrial supply	85%
	HT Industrial aggregate	74%

Mizoram

	2021-22	
Category	Sub-category	Mizoram PD
LT Commercial	Non-Domestic	93%
	Commercial	104%
	LT-Commercial aggregate	101%
LT Industrial	LT Industries	99%
HT Commercial	Non Domestic	91%
	Commercial	101%
	HT Commercial aggregate	100%
HT Industrial	Industrial	103%

Nagaland¹¹

	2020-21	
Category	Sub-category	DOP, Nagaland
LT Commercial	Category 'D' Commercial	71%
LT Industrial	Category 'B' Industrial	62%

Puducherry

	2021-22	
Category	Sub-category	Puducherry, PD

Latest Cross Subsidy Details for Commercial and Industrial Consumers

	2021-22	
Category	Sub-category	Puducherry, PD
LT Commercial	Commercial	128%
LT Industrial	LT Industrial	108%
HT Commercial	HT 1 (b) For contract demand up to 5000 kVA/Commercial	128%
HT Industrial	HT 1 (a) For contract demand up to 5000 kVA/Industrial	123%
	High tension-II	163%
	High tension-III	1118%
	HT Industrial aggregate	124%

Sikkim

	2021-22	
Category	Sub-category	Sikkim, PD/State
LT Commercial	Commercial	85%
LT Industrial	LT Industry (Rural)	75%
	LT Industry (Urban)	119%
	LT Industrial aggregate	76%
HT Industrial	Industrial	160%

Andaman & Nicobar Islands^{10&11}

	2021-22	
Category	Sub-category	ED, Andaman & Nicobar
LT Commercial	Commercial/Non-Residential	31%
LT Industrial	Industrial	28%

Chandigarh⁷

	2021-22	
Category	Sub-category	Chandigarh ED
LT Commercial	Commercial/Non-Residential	119%

Latest Cross Subsidy Details for Commercial and Industrial Consumers

	2021-22	
Category	Sub-category	Chandigarh ED
LT Industrial	Small Industrial Power Supply	94%
HT Commercial	HT Commercial	111%
HT Industrial	Medium Industrial Power Supply	110%
	Large Industrial Power Supply	111%
	HT Industrial aggregate	110%

Dadar & Nagar Haveli

	2021-22	
Category	Sub-category	DNH (DNHPDCL)
LT Commercial	Commercial/Non-Domestic	77%
LT Industrial	LTP Motive Power (For All Units)	98%
	LT Public Water Works (For all units)	105%
	LT Industrial aggregate	98%
HT Industrial	HT/EHT Industrial	100%

Daman & Diu

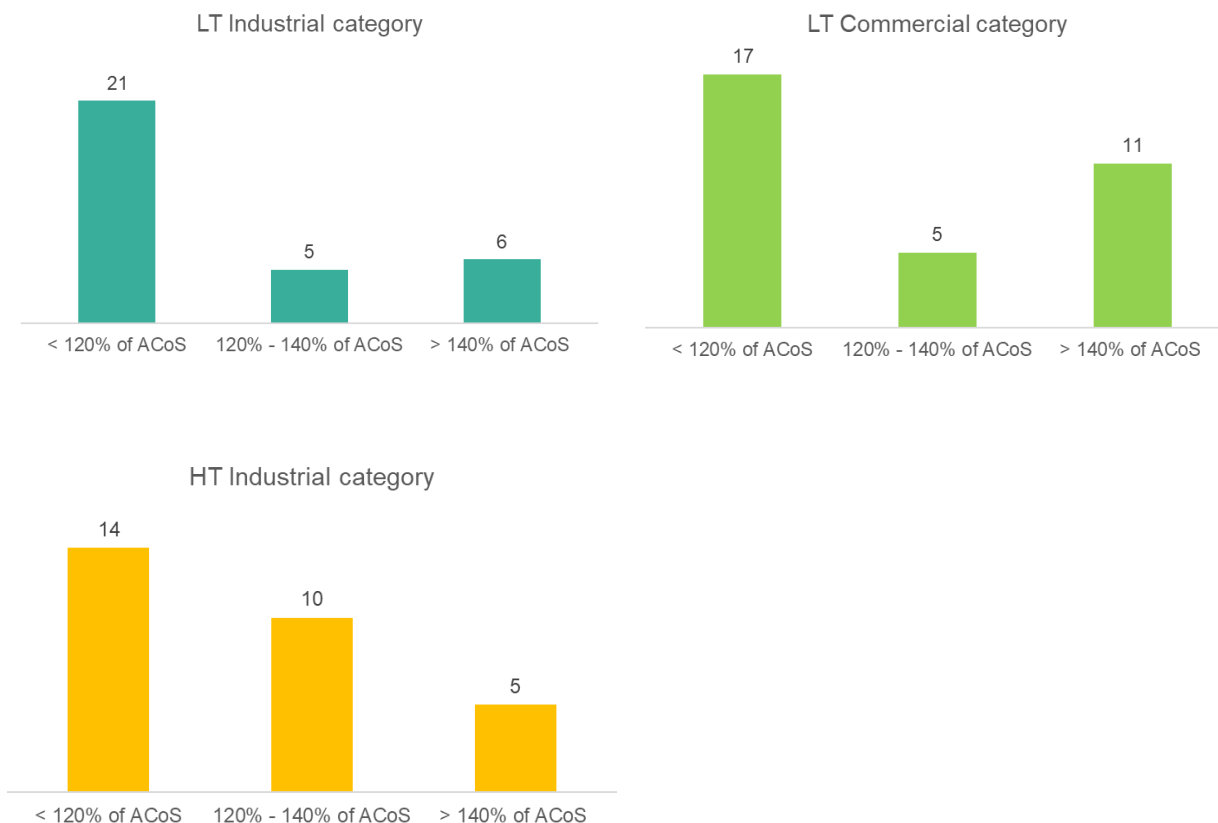
	2021-22	
Category	Sub-category	Daman & Diu ED
LT Commercial	Commercial/Non-Domestic	80%
LT Industrial	LT Industry	91%
HT Industrial	HT Industry	103%

Lakshadweep¹¹

	2021-22	
Category	Sub-category	Lakshadweep ED
LT Commercial	Commercial	28%
LT Industrial	Industrial	43%
HT Industrial	HT Industrial	34%

Latest Cross Subsidy Details for Commercial and Industrial Consumers

Summary of findings:



Key Outcomes :

- 11 States under LT Commercial category have Cross Subsidy above 140% of ACoS value. The states include Andhra Pradesh, Chhattisgarh, Delhi, Karnataka, Kerala, Maharashtra, Meghalaya, Tamil Nadu, Telangana, Tripura and Uttar Pradesh
- 06 States under LT Industrial category have Cross Subsidy above 140 % of ACoS value. The states include Chhattisgarh, Himachal Pradesh, Karnataka, Meghalaya, Tripura and Uttar Pradesh
- 05 States under HT industrial category have Cross Subsidy above 140% of ACoS value. The states include Meghalaya, Puducherry, Sikkim, Tamil Nadu and Telangana

Notes :

- Highest value among the sub-categories under each category has been considered for the analysis in the charts
- Due to the paucity of data in HT Commercial category, representation of data in charts has not been included.



SECTION 7

OPEN ACCESS CHARGES



Cross Subsidy Surcharge

(Figures Rs./kWh)

Andhra Pradesh	2021-22		
Category	APSPDCL	APEPDCL	APCPDCL ^A
HT Category at 11 kV			
III (A) Industry General	1.67	1.71	1.7
III (B) Seasonal Industry	4.92	3.29	2.75
IV (A) Utilities	2	1.86	1.95
IV (B) General Purpose	2.29	2.18	2.19
HT II (A): Commercial	2.33	2.19	2.2
HT IV Government LIS	1.43	1.43	1.43
HT I (B): Townships & Residential Colonies	1.72	1.5	2.68
HT Category at 33 kV			
III (A) Industry General	1.49	1.5	1.38
III (B) Seasonal Industry	-	2.13	-
IV (A) Utilities	1.74	1.39	-
IV (B) General Purpose	2.21	1.45	2.39
II (A) Commercial	2.4	1.98	2.22
HT II(F): Startup Power for Captive Generating Plants, Co-generation plants and Renewable Generation Plants	2.45	2.45	2.45
HT VI: Townships & Residential Colonies	1.46	1.46	1.91
II (D) Functions halls & Auditoriums/ Start Up Power	-	-	-
HT Category at 132 kV			
II (A) Commercial	1.82	2	-
II (B) Start Up Power	2.45	2.45	-
III (A&B) Industry General & Seasonal Industry	1.55	1.56	1.4
II (D) Functions halls & Auditoriums/ Start Up Power	2.45	-	-
HT IV: Private Irrigation and Agriculture	1.43	1.43	1.43
HT V: Railway Traction	1.69	1.35	1.38

Cross Subsidy Surcharge

(Figures Rs./kWh)

Assam	2021-22
Category	APDCL
HT Commercial	1.28
HT Bulk Supply - Govt. Edu. Institutions	0.00
HT Bulk Supply Others	0.99
HT-II Industry above 150 kVA	0.33
HT Tea, Coffee & Rubber Category	0.32
HT Oil & Coal category	1.31

Bihar	2021-22	
Category	NBPDCL	SBPDCL
HT Category		
For 132 kV consumers	1.69	1.69
For 33 kV consumers (other than HTSS)	1.78	1.78
For 11 kV consumers (other than HTSS)	1.80	1.80
For HTSS consumers (33 kV & 11 kV)	0.25	0.25

Chhattisgarh	2021-22
Category	CSPDCL
220 kV/132 kV	0.88
33 kV	0.58

Delhi	2021-22		
Category	BRPL	BYPL	TPDDL
Industrial			
Above 66kV level	1.90	1.88	1.87
At 33/ 66kV level	1.90	1.88	1.87
At 11 kV level	1.90	1.88	1.87
At LT level	1.90	1.88	1.87
Non-Domestic			
Above 66kV level	2.24	2.27	2.18

Cross Subsidy Surcharge

(Figures Rs./kWh)

Delhi	2021-22		
Category	BRPL	BYPL	TPDDL
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			
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	0.80	0.26
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

Gujarat	2021-22					
Category	DGVCL	PGVCL	MGVCL	UGVCL	TPL-DS	TPL-DA
HT Category	1.48	1.48	1.48	1.48	1.32	1.94

Haryana	2021-22	
Category	UHBVNL	DHBVNL
HT – Industry	1.02	1.02
Bulk Supply	0.81	0.81
Railway (Traction)	0.67	0.67
LT industry	0.73	0.73
Non-Domestic Supply (HT)	1.14	1.14

Jharkhand	2020-21
Category	JBVNL
HT Services 11 kV	1.41
HT Services 33 kV & Above	1.41

Cross Subsidy Surcharge

(Figures Rs./kWh)

Karnataka	2021-22				
Category	BESCOM	HESCOM	MESCOM	GESCOM	CESC
HT-1 Water Supply	1.28	1.28	1.28	1.28	1.28
HT-2a (i) Industries	2.23	1.86	1.86	1.86	1.86
HT-2a (ii) Industries	1.86	-	-	-	-
HT-2b (i) Commercial	2.62	2.32	2.32	2.32	2.32
HT-2b (ii) Commercial	2.32	-	-	-	-
HT-2c (i)	1.81	1.81	1.81	1.81	1.81
HT-2c (ii)	2.03	2.03	2.03	2.03	2.03
HT-3a (i) Lift Irrigation	0.62	0.62	0.62	0.62	0.62
HT-3a (ii) Lift Irrigation	0.9	0.9	0.9	0.9	0.9
HT-3a (iii) Lift Irrigation	0.71	0.71	0.71	0.71	0.71
HT-3b Irrigation & Agricultural Farms	1.02	1.02	1.02	1.02	1.02
HT-4 Residential Apartments	1.65	1.65	1.65	1.65	1.65
HT-5 Temporary	3.54	3.54	3.54	3.54	3.54

Madhya Pradesh	2021-22		
Category	MPMaKVVCL	MPPaKVVCL	MPPoKVVCL
HV- 1 : Railway Traction	0.94	0.94	0.94
HV- 2 : Coal Mines	1.66	1.66	1.66
HV- 3.1 : Industrial	1.6	1.6	1.6
HV- 3.2 : Non-Industrial	1.77	1.77	1.77
HV-3.3: Shopping Malls	1.57	1.57	1.57
HV-3.4: Power Intensive Industries	0.64	0.64	0.64
HV-4 : Seasonal	1.63	1.63	1.63
HV- 5.1 : Public Water Works	1.38	1.38	1.38
HV- 6: Bulk Residential Users	1.47	1.47	1.47
HV-7: Synchronization start-up power	2.05	2.05	2.05
HV-8: EV Charging Station	1.31	1.31	1.31

Cross Subsidy Surcharge

(Figures Rs./kWh)

Maharashtra	2021-22
Category	MSEDCL
HT Category - EHV (66 kV and above)	
HT I(A): HT - Industry (General)	1.67
HT I(B): HT - Industry (Seasonal)	2.23
HT II: HT – Commercial	2.89
HT III: HT - Railways/Metro/Monorail	1.44
HT IV: HT - Public Water Works (PWW)	1.37
HT VI: HT Group Housing Society (Residential)	0.74
HT IX(B): HT - Public Services-Others	1.98
HT Category - 33 kV, 22 kV & 11 kV	
HT I(A): HT - Industry (General)	1.71
HT I(B): HT - Industry (Seasonal)	2.06
HT II: HT – Commercial	2.65
HT III: HT - Railways/Metro/Monorail	1.71
HT IV: HT - Public Water Works (PWW)	1.51
HT V(B): HT Agriculture Others	0.05
HT VI: HT - Group Housing Society (Residential)	1.46
HT VIII(B): HT - Temporary Supply Others (TSO)	2.83
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	1.67

Meghalaya	2021-22
Category	MePDCL
HT Industrial	1.90
EHT Industrial	1.41

Cross Subsidy Surcharge

(Figures Rs./kWh)

Odisha	2021-22			
Category	TPCODL	NESCO	TPSODL	TPWODL
HT	1.02	0.66	1.41	0.76
EHT	1.64	1.41	2.12	1.30

Rajasthan	2021-22		
Category	AVVNL	JdVVNL	JVVNL
Non- Domestic service			
11KV	2.22	2.22	2.22
33KV	2.15	2.15	2.15
132KV and above	2.13	2.13	2.13
Mixed Load/ Bulk Supply			
11KV	1.92	1.92	1.92
33KV	1.86	1.86	1.86
132KV and above	1.84	1.84	1.84
Large Industrial Service			
11KV	1.94	1.94	1.94
33KV	1.88	1.88	1.88
132KV and above	1.86	1.86	1.86

Telangana	2018-19	
Category	TSNPDCL	TSSPDCL
HT Category 11 kV		
HT-I Industry General	1.66	1.65
HT-II – Others	1.97	2.03
HT - III Airport Bus and Railway Station	1.77	1.8
HT-IV Lift Irrigation & Agriculture & CPWS	0.21	0.36
HT-VI Townships & Residential Colonies	0.9	1.31
HT-Temporary Supply	-	2.76
HT Category 33kV		
HT-I Industry Segregated	1.44	1.46
HT-II – Others	1.78	1.76

Cross Subsidy Surcharge

(Figures Rs./kWh)

Telangana	2018-19	
Category	TSNPDCL	TSSPDCL
HT-IV Lift Irrigation & Agriculture & CPWS	0.86	1.07
HT-VI Townships & Residential Colonies	1.29	1.32
HT Category 132kV		
HT-I Industry Segregated	1.31	1.30
HT-II – Others	3.55	1.69
HT-IV Lift Irrigation & Agriculture & CPWS	1.27	1.24
HT-V Railway Traction & HMR	1.05	1.27
HT-VI Townships & Residential Colonies	1.28	-
HT-III Airports, Bus & Rly Stations	-	1.49

Uttar Pradesh	2021-22				
Category	DVVNL	KESCO	PVVNL	PuVVNL	MVVNL
HV-1 (Supply at 11 kV)	1.96	1.96	1.96	1.96	1.96
HV-1 (Supply above 11 kV)	2.12	2.12	2.12	2.12	2.12
HV-2 (Supply at 11 kV)	0.93	0.93	0.93	0.93	0.93
HV-2 (Supply above 11 kV and upto 66kV)	1.07	1.07	1.07	1.07	1.07
HV-2 (Supply above 66 kV and upto 132kV)	0.84	0.84	0.84	0.84	0.84
HV-2 (Supply above 132 kV)	0.82	0.82	0.82	0.82	0.82
HV-3 (At and above 132 kV)	2.01	2.01	2.01	2.01	2.01
HV-3 (Supply below 132kV)	2.02	2.02	2.02	2.02	2.02
HV-3 for Metro Traction	1.77	1.77	1.77	1.77	1.77
HV-4 (Supply at 11 kV)	1.59	1.59	1.59	1.59	1.59
HV-4 (Supply above 11 kV and upto 66kV)	1.81	1.81	1.81	1.81	1.81
HV-4 (Supply above 66 kV and upto 132kV)	1.99	1.99	1.99	1.99	1.99

Uttarakhand	2021-22
Category	UPCL
HT I – Industry	0.49
Non-Domestic	0.87

Cross Subsidy Surcharge

(Figures Rs./kWh)

Himachal Pradesh	2021-22
Category	HPSEBL
HT 2 - Consumers	0.44
Bulk Supply Category HT	0.26
Bulk Supply Category EHT	0.46
Large Industrial EHT	0.42
EHT Consumers (Irrigation & Drinking Water)	0.51
HT Consumers (Irrigation & Drinking Water)	0.27

Kerala	2019-20
Category	KSEBL
EHT- I	1.23
EHT- II	1.20
EHT-III	1.25
EHT-G (A)	1.23
EHT-G (B)	1.67
Railways	1.26
KMRL	1.21
HT I(A) – Industry	1.40
HT I(B) – Industry	1.63
HT II – A	1.47
HT II – B	1.71
HT III – A	1.19
HT III – B	0.62
HT IV - Commercial (A)	1.89
HT IV - Commercial (B)	1.95

Cross Subsidy Surcharge

(Figures Rs./kWh)

Kerala	2019-20
Category	KSEBL
HT V	1.72

Punjab	2021-22
Category	PSPCL
Large Supply	0.65
Non-Residential Supply	1.28
Bulk Supply	1.27
Domestic Supply	0

Tamil Nadu	2018-19
Category	TANGEDCO
HT IA: HT-Industry	1.67
HT IB: Railway Traction	1.54
HT IIA: Govt. educational institute	1.52
HT IIB: Pvt Educational Institute	1.61
HT III - HT commercial	1.98
HT IV- Lift Irrigation societies	1.27
HT V - Temporary Supply	2.26

Tripura	2020-21
Category	TSECL
Industrial	
Up to 5HP	0.62
Up to 5HP (E-U/5)	1.11
5-20 HP	1.73
20-100 HP	1.95
100 HP	1.84

Cross Subsidy Surcharge

(Figures Rs./kWh)

Tripura	2020-21
Category	TSECL
Bulk Supply	1.52
Tea Coffee Rubber	1.54

Goa	2021-22
Category	Electricity Department, Goa (EDG)
HT Level/ Extra High Tension (EHT)	1.94

Puducherry	2021-22
Category	Puducherry Electricity Department (PED)
High Tension (HT) Level	2.47
Extra High Tension (EHT) Level	2.37

Chandigarh	2021-22
Category	Chandigarh Electricity Department (CED)
HT Level/ Extra High Tension (EHT)	1.42

Dadra & Nagar Haveli	2021-22
Category	DNHPDCL
220kV level	0.45
66kV level	0.27
11kV level	0.38

Daman & Diu	2021-22
Category	DDED
HT & EHT Level	0.67

Notes:

- A. For the state of 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

Cross Subsidy Surcharge

(Figures Rs./kWh)

Remarks:

1. Source: <http://delhisldc.org/resources/OpenAccessOrder.pdf> (Delhi)
2. For the state of Manipur, Mizoram, Sikkim, Nagaland and West Bengal, the commission has not approved cross subsidy surcharge in its latest tariff orders.
3. For the state of Jammu and Kashmir, Arunachal Pradesh and UTs of Andaman and Nicobar Islands and Lakshadweep, details of open access charges are not available in latest tariff order.

Additional Surcharge

(Figures Rs. /kWh)

	Applicable Period	Additional Surcharge
DISCOMS		
Andhra Pradesh	2021-22	N/A
APEPDCL	2021-22	N/A
APSPDCL	2021-22	N/A
APCPDCL	2021-22	N/A
Assam	2021-22	N/A
APDCL	2021-22	N/A
Bihar	2021-22	N/A
NBPDCL	2021-22	N/A
SBPDCL	2021-22	N/A
Chhattisgarh	2021-22	N/A
CSPDCL	2021-22	N/A
Delhi	2021-22	1.29-1.76 (Oct-Apr), 0.64-0.88 (May-Sep)
BRPL	2021-22	1.46 (Oct-Apr), 0.73 (May-Sep)
BYPL	2021-22	1.29 (Oct-Apr), 0.64 (May-Sep)
TPDDL	2021-22	1.76 (Oct-Apr), 0.88 (May-Sep)
Gujarat	2021-22	0.50 (Apr-Sep), 0.69 (Oct-Mar)
DGVCL	2021-22	0.50 (Apr-Sep), 0.69 (Oct-Mar)
MGVCL	2021-22	0.50 (Apr-Sep), 0.69 (Oct-Mar)
PGVCL	2021-22	0.50 (Apr-Sep), 0.69 (Oct-Mar)
UGVCL	2021-22	0.50 (Apr-Sep), 0.69 (Oct-Mar)

Additional Surcharge

(Figures in Rs/kWh)

	Applicable Period	Additional Surcharge
Haryana	2021-22	1.15
DHBVNL	2021-22	1.15
UHBVNL	2021-22	1.15
Jharkhand	2020-21	0.00
JBVNL	2020-21	0.00
Karnataka	2021-22	1.06-3.12
BESCOM	2021-22	1.06
CESCOM	2021-22	2.98
GESCOM	2021-22	2.38
HESCOM	2021-22	2.82
MESCOM	2021-22	3.12
Madhya Pradesh	2021-22	1.11
MPMaKVVCL	2021-22	1.11
MPPaKVVCL	2021-22	1.11
MPPoKVVCL	2021-22	1.11
Maharashtra	2021-22	1.29
MSEDCL	2021-22	1.29
Meghalaya	2021-22	0.44
MePDCL	2021-22	0.44
Odisha	2021-22	0.00
TPCODL	2021-22	0.00

Additional Surcharge

(Figures in Rs/kWh)

	Applicable Period	Additional Surcharge
TPNODL	2021-22	0.00
TPSODL	2021-22	0.00
TPWODL	2021-22	0.00
Rajasthan	2021-22	0.97
AVVNL	2021-22	0.97
JdVVNL	2021-22	0.97
JVVNL	2021-22	0.97
Telangana	2018-19	0.52
TSNPDCL	2018-19	0.52
TSSPDCL	2018-19	0.52
Uttar Pradesh	2021-22	N/A
DVVNL	2021-22	N/A
KESCO	2021-22	N/A
MVVNL	2021-22	N/A
PaVVNL	2021-22	N/A
PuVVNL	2021-22	N/A
Uttarakhand	2021-22	1.13
UPCL	2021-22	1.13
GEDCO/Integrated Utilities		
Himachal Pradesh	2021-22	0.61
HPSEBL	2021-22	0.61

Additional Surcharge

(Figures in Rs/kWh)

	Applicable Period	Additional Surcharge
Kerala	2019-20	0.00
KSEBL	2019-20	0.00
Manipur	2021-22	N/A
MSPDCL	2021-22	N/A
Punjab	2021-22	1.16
PSPCL	2021-22	1.16
Tamil Nadu	2017-18	0.00
TANGEDCO	2017-18	0.00
Tripura	2020-21	N/A
TSECL	2020-21	N/A
West Bengal	2019-20	N/A
WBSEDCL	2019-20	N/A
Power Departments		
Arunachal Pradesh	2018-19	N/A
Arunachal PD	2018-19	N/A
Goa	2021-22	0.89
Goa PD	2021-22	0.89
J&K and Ladakh	2016-17	N/A
JKPDD	2016-17	N/A
Mizoram	2021-22	N/A
Mizoram PD	2021-22	N/A

Additional Surcharge

(Figures in Rs/kWh)

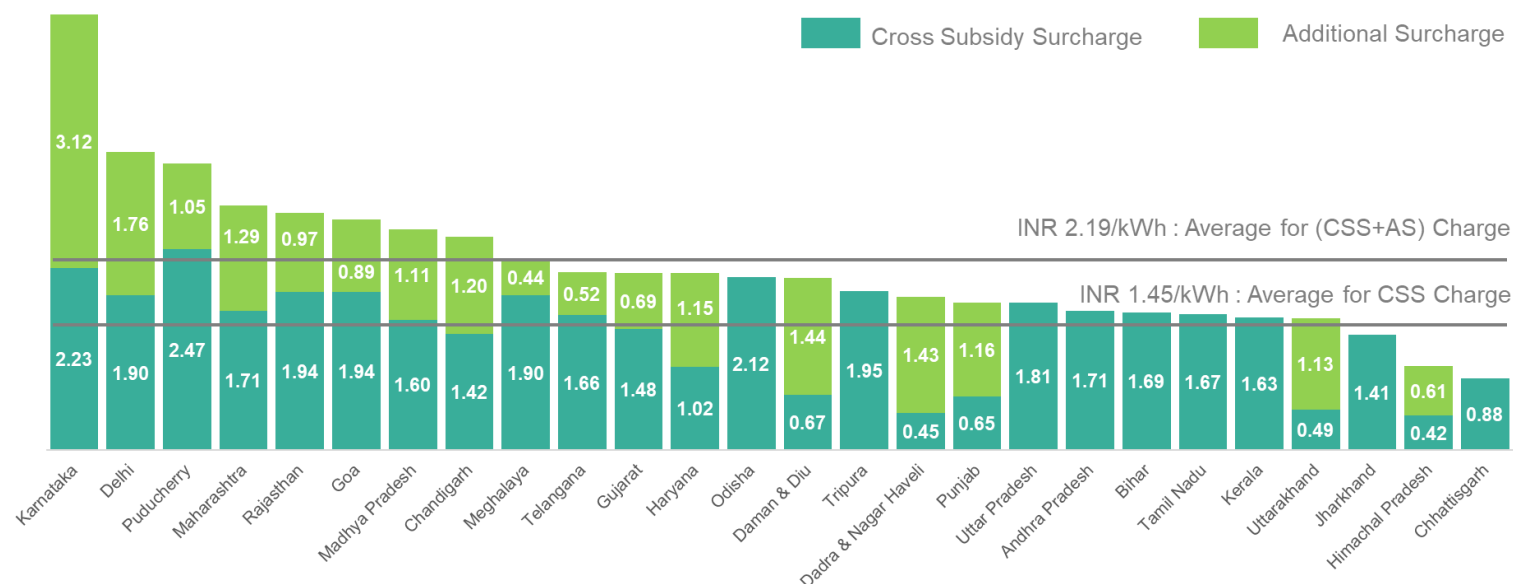
	Applicable Period	Additional Surcharge
Nagaland	2020-21	N/A
Nagaland PD	2020-21	N/A
Puducherry	2021-22	1.05
Puducherry PD	2021-22	1.05
Sikkim	2021-22	N/A
Sikkim PD	2021-22	N/A
Union Territories		
Andaman & Nicobar	2021-22	N/A
ED Andaman & Nicobar	2021-22	N/A
Chandigarh	2021-22	1.20
Chandigarh ED	2021-22	1.20
Dadra & Nagar Haveli	2021-22	1.43
DNHPDCL	2021-22	1.43
Daman & Diu	2021-22	1.44
Daman & Diu ED	2021-22	1.44
Lakshadweep	2021-22	N/A
Lakshadweep ED	2021-22	N/A

Additional Surcharge

(Figures in Rs/kWh)

Notes:

- A. For the state of 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.
- B. 'N/A' denotes that the value of Additional Surcharge is not available in the latest tariff order.

Summary of findings :

- a) The chart highlights the cross-subsidy charge and additional surcharge for HT Industrial category of the consumers
- b) Open Access Charges (i.e. Cross Subsidy Charge plus Additional Surcharge) was above the National Average for states namely Odisha, Telangana, Haryana, Rajasthan, Madhya Pradesh, Maharashtra, Delhi, Karnataka and UTs of Chandigarh, Goa and Puducherry.



SECTION 8

CUMULATIVE REVENUE GAP/SURPLUS



Cumulative Revenue Gap/Surplus

DISCOMS	Cumulative Revenue Gap (+) / Surplus (-) in Rs Crore	Latest True Up	Latest ARR	Remarks
Andhra Pradesh	N/A	2018-19	2021-22	1. Revenue Gap (ARR 2022) : 7433.8 Cr (inclusive of Trued up revenue of FY15-19) 2. Tariff revision (Full Cost Recovery Tariff Schedule) : (7433.8) Cr 3. Cumulative Revenue Gap : 0 Cr
Assam	313.46	2019-20	2021-22	1. Cumulative Revenue Gap (till 2021 – APR) : 437.11 Cr (includes True up gap of FY20) 2. Cumulative Revenue Gap (till 2022) : (123.65) Cr 3. Cumulative Revenue Gap (effective) : 313.46 Cr
Bihar	(168)	2019-20	2021-22	1. Revenue Gap (APR 2021 including True Up of 2020) : (167.22) Cr 2. Revenue Gap (ARR 2022) : (0.69) Cr 3. Cumulative Revenue Gap (effective) : (167.91) Cr
Chhattisgarh	(302)	2019-20	2021-22	1. Revenue Gap (ARR 2021) : (1244.17) Cr 2. Revenue Gap (ARR 2022) including True Up 2020 : 941.89 Cr 3. Total Revenue Gap : (302.28) Cr

Cumulative Revenue Gap/Surplus

DISCOMS	Cumulative Revenue Gap (+) / Surplus (-) in Rs Crore	Latest True Up	Latest ARR	Remarks
Delhi	8955	2019-20	2021-22	1. Cumulative Revenue gap (True Up 2020) : 9063.19 Cr 2. Revenue Gap (APR 2021) : (54.17) Cr 3. Revenue Gap (ARR 2022) : (54.39) Cr 4. Cumulative Revenue Gap : 8954.63 Cr
Gujarat	(4,720)	2019-20	2021-22	1. Cumulative Revenue Gap (True Up 2020) : (3641.03) Cr 2. Revenue Gap (ARR 2021) : 639.43 Cr 3. Revenue Gap (ARR 2022) : (1718.25) Cr 4. Cumulative Revenue Gap : (4719.25) Cr
Haryana	(127)	2019-20	2021-22	1. Revenue Surplus (True Up 2020) : (210) Cr 2. Revenue Gap (ARR 2021) : 7 Cr 3. Revenue Gap (ARR 2022) : 76.01 Cr 4. Total Revenue Gap : (126.99) Cr
Jharkhand	196	2018-19	2020-21	1. Cumulative Revenue Gap (2021 including True Up 2019) : 196.06 Cr

Cumulative Revenue Gap/Surplus

DISCOMS	Cumulative Revenue Gap (+) / Surplus (-) in Rs Crore	Latest True Up	Latest ARR	Remarks
Karnataka	-	2019-20	2021-22	1. Revenue Gap (ARR 2022 including True Up 2020) : 0 Cr 2. Revenue Gap (ARR 2021 including True Up 2019) : 0 Cr 3. Total Revenue Gap : 0 Cr As a practice, revenue gap approved in any year (post-tariff subsidy) is bridged through tariff hike.
Madhya Pradesh	2,469	2019-20	2021-22	1. Revenue Gap (True Up FY19) : 438.35 2. Revenue Gap (True Up FY20) : 2030.92 3. Revenue Gap (APR FY21) : 0 4. Revenue Gap (ARR FY22) : 0 5. Total Revenue Gap : 2469.27
Maharashtra	10,241	2018-19	2021-22	1. Cumulative Revenue Gap till 2022 : 9136 Cr 2. Carrying cost for 2022 : 1105 Cr 3. Cumulative Revenue Gap : 10241 Cr
Meghalaya	186	2017-18	2021-22	1. Revenue Gap (MYT ARR 2022-24 includes True Up 2018) : (47.39) Cr 2. Revenue Gap (ARR 2021) : 120.36 Cr 3. Revenue Gap (2019) : 113 Cr 4. Revenue Gap (2020) : Not Available 5. Total Revenue Gap : 185.92 Cr

Cumulative Revenue Gap/Surplus

DISCOMS	Cumulative Revenue Gap (+) / Surplus (-) in Rs Crore	Latest True Up	Latest ARR	Remarks
Odisha	1,314	2013-14	2021-22	1. Total Revenue Gap (True Up FY14) : 1599.66 2. Revenue Gap ARR FY15 : (32.54) 3. Revenue Gap ARR FY16 : (36.71) 4. Revenue Gap ARR FY17 : (15.95) 5. Revenue Gap ARR FY18 : (17.76) 6. Revenue Gap ARR FY19 : (20.39) 7. Revenue Gap ARR FY20 : (3.53) 8. Revenue Gap ARR FY21 : (78.52) 9. Revenue Gap ARR FY22 : (77.33) 10. Cumulative Revenue Gap (till FY22) : 1316.93
Rajasthan	45,920	2019-20	2020-24	1. Cumulative Revenue Gap (2020) : 46670.11 Cr (unfunded gap up to 19-20) 2. Revenue Gap (2021) : (149) Cr 3. Revenue Gap (2022) : (601) Cr 4. Total Revenue Gap : 45920.11 Cr
Telangana	N/A	2016-17 (Provisional)	2018-19	1. Revenue Gap (ARR 2019) : 5940.57 Cr 2. GoTS Tariff Subsidy commitment : (5940.57) Cr 3. Effective Revenue gap : 0 Cr
Uttar Pradesh	(5590)	2019-20	2021-22	1. Cumulative Revenue Gap till 2022 : (5589.75) Cr

Cumulative Revenue Gap/Surplus

DISCOMS	Cumulative Revenue Gap (+) / Surplus (-) in Rs Crore	Latest True Up	Latest ARR	Remarks
Uttarakhand	(60)	2019-20	2021-22	1. Revenue Gap (includes True Up 2020, APR 2021 and ARR 2022) : (59.55) Cr
Himachal Pradesh	(3)	2019-20 (Provisional)	2021-22	1. Revenue Gap (ARR 2021 includes True Up 2018) : 0 Cr 2. Revenue Gap (ARR 2022) : (2.74) Cr 3. Total Revenue Gap : (2.74) Cr
Kerala	4551	2017-18	2021-22	1. Revenue Gap till 2017 : 5693.25 Cr 2. Revenue Gap (2018 True Up) : 84.13 Cr 3. Approved Revenue Gaps (MYT 2019-22) : 2776.05 Cr 4. Amortization of accumulated revenue gap (MYT 2019-22) : (3100) Cr 5. Tariff Revision in 2019-20 : (902) 6. Balance Revenue Gap (2021-22) : 4551.43 Cr
Manipur	N/A	2018-19 (Provisional)	2021-22	1. Revenue Gap (ARR 2022) : 0 2. Cumulative revenue/gap has not been estimated in absence of a final true up.
Punjab	(297)	2019-20	2021-22	Cumulative Revenue Gap till 2022 : (297.16) Cr

Cumulative Revenue Gap/Surplus

DISCOMS	Cumulative Revenue Gap (+) / Surplus (-) in Rs Crore	Latest True Up	Latest ARR	Remarks
Tamil Nadu	10,366	2015-16	2017-18	- Cumulative Revenue Gap (till 2017, MYT Tariff Order) : 10,432 Cr (after UDAY grant) - Revenue Gap at revised tariff (2017-18) : (65.70) Cr - Total Cumulative Revenue gap : 10366.30 Cr
Tripura	248	2016-17	2020-21	Cumulative Revenue Gap (till 2021) : 247.55 Cr
West Bengal	15,519	2012-13	2019-20	- Revenue Gap (ARR 2020) : 0 Cr - Revenue gaps are adjusted in tariff order of subsequent years - Regulatory assets (till FY 2020 - As per audited accounts) : 15,519.14 Cr
Arunachal Pradesh	N/A	2016-17	2018-19	- Revenue Gap (ARR 2019) : 379.66 Cr - The revenue gap does not include revenue gap/surplus from true up of FY 2017. 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.
Goa	Nil	2016-17	2021-22	- Cumulative revenue gap (till 2022) : Nil - The revenue gap approved in each year by the Commission is met through government budgetary support.
Mizoram	(157)	2019-20	2021-22	- Retained True Up surplus (2019) : (38.28) Cr - Revenue Gap (True Up 2020) : (118.67) Cr (after Govt. revenue subsidy of 59.36 Cr) - Revenue Gap (APR 2021) : 0 - Revenue Gap (ARR 2022) : 0 - Total Revenue Gap : (156.95) Cr

Cumulative Revenue Gap/Surplus

DISCOMS	Cumulative Revenue Gap (+) / Surplus (-) in Rs Crore	Latest True Up	Latest ARR	Remarks
Nagaland	-	2014-15 (Provisional)	2020-21	- Revenue Gap (MYT 2021-25) : 293.91 Cr - The standalone revenue gap is to be bridged through state government subsidy. - The Commission has not carried out true up of FY 2019 and only provisional true up of FY 2014 -2015 (in the tariff order for FY 2018) is available in the absence of audited accounts.
Puducherry	231	2019-20	2021-22	Cumulative Revenue Gap (till 2022) : 230.59 Cr
Sikkim	427	2019-20 (Provisional)	2021-22	- Revenue Gap (True Up 2020 – Provisional) : 165.13 Cr - Revenue Gap (APR 2021) : 157.67 Cr - Revenue Gap (ARR 2022) : 104.66 - Total Revenue Gap : 427.46 Cr
Andaman and Nicobar Islands	Nil	2016-17	2021-22	- Cumulative revenue gap (till 2022) : nil - The revenue gap approved in each year by the Commission is met through government budgetary support.
Chandigarh	(252)	2019-20	2021-22	Cumulative revenue surplus (till 2022) : 251.91 Cr
Dadar and Nagar Haveli	(4.18)	2019-20	2021-22	Cumulative revenue surplus (till 2022) : 4.18 Cr
Daman and Diu	23.8	2019-20	2021-22	Cumulative Revenue Gap (till 2022) : 23.8 Cr

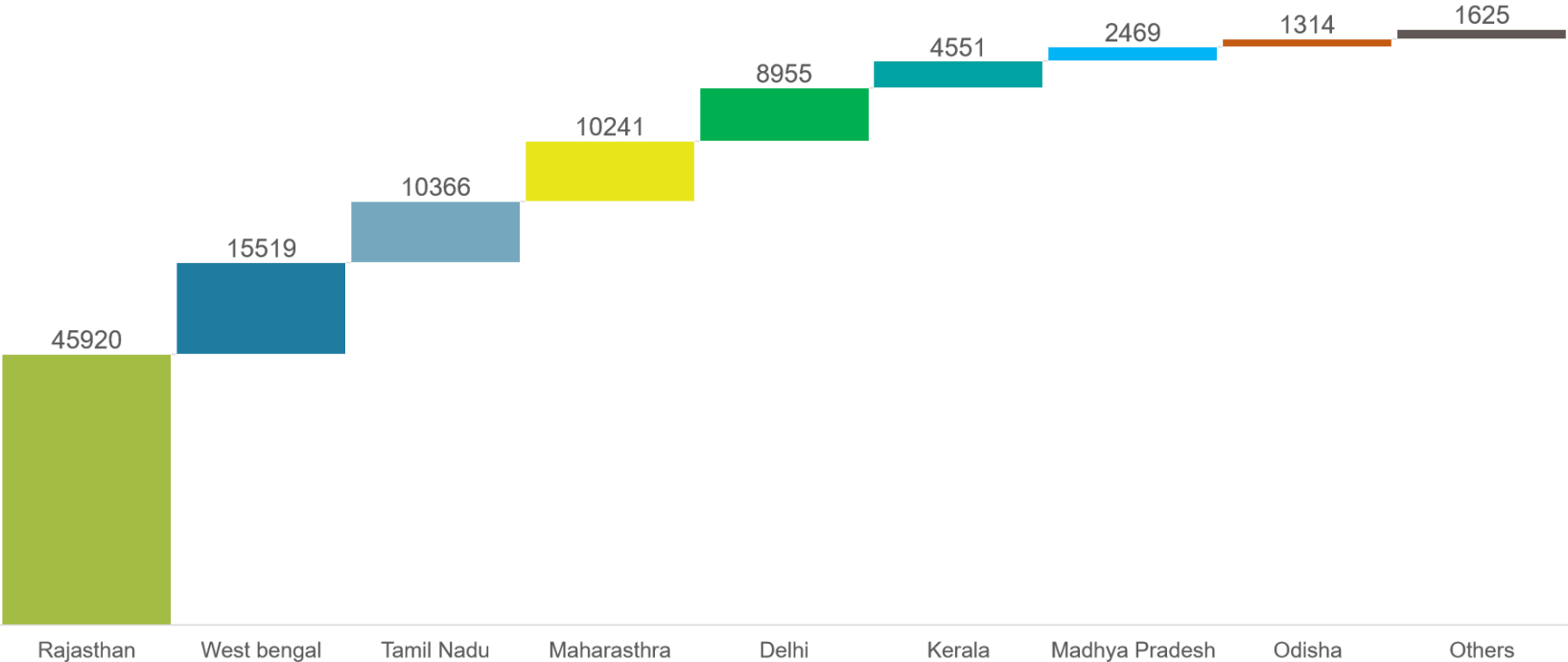
Cumulative Revenue Gap/Surplus

DISCOMS	Cumulative Revenue Gap (+) / Surplus (-) in Rs Crore	Latest True Up	Latest ARR	Remarks
Lakshadweep	Nil	2016-17	2021-22	- Cumulative revenue gap : Nil - The revenue gap approved in each year including true up is met through a combination of tariff increase and government budgetary support.

Cumulative Revenue Gap/Surplus

Summary of findings:

(Amount in Rs Cr)



- a) Total Approved Revenue Gap among all States/UTs is approximately Rs 1.01 Lakh Crore as per the latest Tariff Orders
- b) 95% of Total Approved Revenue Gap i.e. Rs 96,250 Cr is concentrated in 6 states namely Rajasthan, West Bengal, Tamil Nadu, Maharashtra, Delhi and Kerala.

SECTION 9

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	2021-22	Applicability (Yes/No)	Yes	No	No	No	No	Yes	Yes	No
		Category	LT Category-I: Domestic	-	-	-	-	HT Commercial	HT Category III (A): Industry (General)	-
Assam	2021-22	Applicability (Yes/No)	No	No	Yes	No	No	No	Yes	Yes
		Category	-	-	Small Industries	-	-	-	1. HT-I Industries 2. HT-II Industries	1. HT-VI Tea, Coffee & Rubber plantation/production. 2. HT-VII Installation of Oil & Coal sector
Bihar	2021-22	Applicability (Yes/No)	No	No	No	No	No	Yes	Yes	Yes
		Category	-	-	-	-	-	HT Commercial	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)	Railway Traction Service (RTS)

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	2021-22	Applicability (Yes/No)	No	No	No	No	No	No	Yes	No
		Category	-	-	-	-	-	-	1. HV-2 (Mines) 2. HV-3 (Other Industrial and General Purpose) 3. HV-4 Steel Industries	-
Delhi	2020-21	Applicability (Yes/No)	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes
		Category	-	ToD is applicable with a condition that sanctioned load/MDI (whichever is higher) is 10kW/11kVA and above						1. DIAL 2. Public Utilities 3. Others
Gujarat	2020-21	Applicability (Yes/No)	No	No	No	Yes	No	Yes	Yes	Yes
		Category	-	-	-	All Water works and sewerage pumps ¹	-	HTP-I HTP-III	HTP-I	HTP-II HTP-III
Haryana	2021-22	Applicability (Yes/No)	No	No	No	No	No	No	No	Yes
		Category	-	-	-	-	-	-	-	Electric vehicle Charging station

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
Jharkhand	2020-21	Applicability (Yes/No)	No	No	No	No	No	Yes	Yes	No
		Category	-	-	-	-	-	HT Institutional	Industrial HTS Consumer	-
Karnataka	2021-22	Applicability (Yes/No)	No	No	Yes	No	No	Yes	Yes	Yes
		Category	-	-	1. LT-5 (a) 2. LT-5 (b)	-	-	1. HT-2B (i) 2. HT-2B (ii)	1. HT-2A (i) 2. HT-2A (ii)	1. HT 2 C (i) 2. HT- 2C(ii) 3. HT-1 Water Supply & Sewerage (Optional)
Madhya Pradesh	2021-22	Applicability (Yes/No)	No	No	No	No	Yes	Yes	Yes	Yes
		Category	-	-	-	-	HV 5.1 lift irrigation, Group irrigation	1. HV-3.2: Non-Industrial 2. HV-3.3: Shopping Mall	1. HV-3.1: Industrial 2. HV-3.4: Power Intensive Industries 3. HV-4: Seasonal	1. HV-2: Coal Mines 2. HV-5.1: Public Water Works 3. HV-5.2: Other than Agricultural
Maharashtra	2021-22	Applicability (Yes/No)	No	Yes	Yes	Yes	No	Yes	Yes	Yes

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
		Category	-	1. LT II - LT Commercial (B) > 20 kW and ≤ 50 kW load (C) > 50 kW load	1. LT-V -LT Industry	1. LT-Public Water Works (PWW) and Sewage Treatment Plants 2. LT - Government Educational Institutions and Hospitals 3. LT - Public Services - Others 4. LT – Electric Vehicle (EV) Charging Stations	-	HT II: HT-Commercial	HT I: HT – Industry	1. HT IV-Public Water Works (PWW) and Sewage Treatment Plants 2. HT VIII (A)- Government Educational Institutions and Hospitals 3. HT VIII (B)- Public Service - Others 4. HT IX- Electric Vehicle (EV) Charging Stations
Meghalaya	2021-22	Applicability (Yes/No)	No	No	No	No	No	No	Yes	No
		Category	-	-	-	-	-	-	Industrial (HT/EHT)	-
Odisha	2021-22	Applicability (Yes/No)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes

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
		Category	3 Phase Domestic	3 Phase Commercial	3 Phase Industrial	3 Phase (Except Public Lighting and Emergency Supply to captive powerplants)	3 Phase Agriculture	3 Phase HT Commercial	3 Phase HT Industrial	3 Phase HT and EHT Others
Rajasthan	2020-21	Applicability (Yes/No)	No	No	No	No	No	No	Yes	Yes
		Category	-	-	-	-	-	-	(HT-5)	(EV/HT6)
Telangana	2018-19	Applicability (Yes/No)	No	No	No	No	No	Yes	Yes	Yes
		Category	-	-	-	-	-	1. HT-III (Airports, Railway stations and Bus stations)	1. HT-I (Industry) 2. HT-I (A) (Industry – General - Poultry farms)	1. HT-II (Others)
Uttar Pradesh	2021-22	Applicability (Yes/No)	No	No	Yes	Yes	No	No	Yes	No
		Category	-	-	LMV 6 Small and Medium Power	LMV 3 Public Lamps LMV 11 Electric Vehicle Charging	-	-	HV 2 Large and Heavy Power	-
Uttarakhand	2021-22	Applicability (Yes/No)	No	No	Yes	No	No	Yes	Yes	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
		Category	-	-	RTS-5: Industry-LT Industry with load more than 25 KW	-	-	RTS-2: With load more than 25 KW	RTS-5: Industry-HT Industry	-
Himachal Pradesh	2021-22	Applicability (Yes/No) ¹⁸	No	No	Yes	No	Yes	No	Yes	No
		Category	-	-	1. Small Industrial Power Supply (SIP) with contract demand more than 20 KVA 2. Medium Industrial Power Supply (MIP)	-	Irrigation & Drinking Water Pumping Supply (IDWPS)	-	Large Industrial Power Supply (LIP)	-
Kerala	2020-21	Applicability (Yes/No)	Yes	No	Yes	No	Yes	Yes	Yes	Yes
		Category	HT-V and LT1	-	LT IV	-	HT III Agricultural	HT IV Commercial	1. HT I Industrial 2. HT II General	All EHT Consumer & HT (except HT-V Domestic consumer)
Punjab	2021-22	Applicability (Yes/No)	No	Yes	No	No	No	No	Yes	Yes

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
		Category	-	Non-Residential Consumers Above 100 kVA	-	-	-	-	Medium Supply/Large Supply Industrial	EV Charging Stations Bulk Supply
Tamil Nadu	2017-18	Applicability (Yes/No)	No	No	No	No	No	No	Yes	No
		Category	-	-	-	-	-	-	HT IA Industrial	-
Tripura	2020-21	Applicability (Yes/No)	No	No	Yes	Yes	Yes	Yes	Yes	Yes
		Category	-	-	Industrial	Water Works	Irrigation	Tea/Coffee/Rubber Gardens	Industrial	Bulk Supply having total connected load 25 KVA or above
West Bengal	2019-20	Applicability (Yes/No)	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes

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
		Category	-	Commercial Rural and Urban	1. Cottage Industry/Artisans/Weavers ¹⁶	1. Public water works and sewerage system 2. Public Utility 11kv and 33kV	1. Irrigation Pumping for Agriculture 2. Short term Irrigation Supply 3. Short term supply for commercial plantation 4. Community Irrigation and commercial plantation	Commercial consumer 50 kVA and above	1. Industry Rural 2. Industry Urban 3. Industrial consumer 50 kVA and above 4. Industries 11kV and 33kV 5. Industries 220 kV and 400 kV	1. Emergency Supply 2. Construction Power Supply 3. Common Service of Industrial estate
Goa	2021-22	Applicability (Yes/No)	Yes	No	Yes	No	Yes	Yes	Yes	Yes
		Category	HTD Domestic	-	LTI/ Industrial (Optional)	-	1. High Tension-AG/HT-AGP (Pump Sets/Irrigation) 2. High Tension-AG/HT-AG (Allied Activities)	HTC Commercial	1. HTI Industrial 2. High Tension-Ferro/SM/PI/SR	1. Military Engineering Services/defense Establishments 2. HT Temporary
J&K and Ladakh	2016-17	Applicability (Yes/No)	No	No	No	No	No	No	Yes	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
		Category	-	-	-	-	-	-	1. HT Industrial supply (33KV) 2. HT Industrial supply for Power Intensive Industries(33KV)	-
Chandigarh	2021-22	Applicability (Yes/No)	Yes	No	No	No	No	Yes	Yes	Yes
		Category	HT Domestic (Optional)	-	-	-	-	HT Commercial (Optional)	Large Industrial Supply	Bulk Supply
Daman and Diu	2021-22	Applicability (Yes/No)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
		Category	Domestic	Commercial	LT Industrial	LT Public Water Works	Agriculture	HT consumers	1. HHT Industrial (Ferro Metallurgical / Steel Melting / Steel Rerolling / Power Intensive (For all units))	1. Public Lighting 2. Hoardings /Signboards 3. Temporary Supply

Notes:

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



SECTION 10

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
DISCOMS				
Andhra Pradesh	2021-22	-	16.00%	16.00%
APEPDCL	2021-22	-	16.00%	16.00%
APSPDCL	2021-22	-	16.00%	16.00%
APCPDCL	2021-22	-	16.00%	NA
Assam	2021-22	76	16.00%	16.00%
APDCL	2021-22	76	16.00%	16.00%
Bihar	2021-22	516	14.00% & 15.50%	14.00% & 15.50%
NBPDCL	2021-22	265	14.00% & 15.50%	14.00% & 15.50%
SBPDCL	2021-22	251	14.00% & 15.50%	14.00% & 15.50%
Chhattisgarh	2021-22	327	16.00%	16.00%
CSPDCL	2021-22	327	16.00%	16.00%
Delhi	2021-22	1,288	16.00%	14.00%
BRPL	2021-22	576.41	16.00%	14.00%
BYPL	2021-22	290.35	16.00%	14.00%
TPDDL	2021-22	421.45	16.00%	14.00%
Gujarat	2021-22	1,292	14.00%	14.00%
DGVCL	2021-22	190	14.00%	14.00%
MGVCL	2021-22	170	14.00%	14.00%
UGVCL	2021-22	258.67	14.00%	14.00%
PGVCL	2021-22	676	14.00%	14.00%
Haryana	2021-22	434	10.00% ³	14.00%
DHBVNL	2021-22	220	10.00%	14.00%
UHBVNL	2021-22	214	10.00%	14.00%
Jharkhand	2020-21	322	15.50%	15.50%
JBVNL	2020-21	322	15.50%	15.50%
Karnataka	2021-22		0.00%-15.50%	15.50%

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
BESCOM	2021-22	285	15.50%	15.50%
CESCOM	2021-22	0	0.00%	15.50%
GESCOM	2021-22	0	0.00%	15.50%
HESCOM	2021-22	0	0.00%	15.50%
MESCOM	2021-22	152	15.50%	15.50%
Madhya Pradesh	2021-22	986	16.00%	16.00%
MPMaKVVCL	2021-22	407	16.00%	16.00%
MPPaKVVCL	2021-22	218	16.00%	16.00%
MPPoKVVCL	2021-22	361	16.00%	16.00%
Maharashtra	2021-22	2,195	Supply : 18.78% Wire : 16.96%	Supply : 18.78% Wire : 16.96%
MSEDCL	2021-22	Supply : 240 Wire : 1,955	Supply : 18.78% Wire : 16.96%	Supply : 18.78% Wire : 16.96%
Meghalaya	2021-22	NA	0.00%	14.00%
MePDCL	2021-22	NA	0.00%	14.00%
Odisha	2021-22	168	16.00%	16.00%
TPCODL	2021-22	48	16.00%	16.00%
NESCO Utility	2021-22	40	16.00%	16.00%
TPSODL	2021-22	32	16.00%	16.00%
TPWODL	2021-22	48	16.00%	16.00%
Rajasthan	2021-22	-1167	0.00% ⁸	16.00%
AVVNL	2021-22	-317	0.00%	16.00%
JdVVNL	2021-22	-380	0.00%	16.00%
JVVNL	2021-22	-470	0.00%	16.00%
Telangana	2021-22	1,169	10.89%	16.00%
TSNPDCL	2021-22	444.38	10.89%	16.00%
TSSPDCL	2021-22	724.62	10.89%	16.00%
Uttar Pradesh	2021-22	2,220	15.00%	15.00%
DVVNL	2021-22	540	15.00%	15.00%

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
KESCO	2021-22	55	15.00%	15.00%
MVVNL	2021-22	494	15.00%	15.00%
PaVVNL	2021-22	579	15.00%	15.00%
PuVVNL	2021-22	552	15.00%	15.00%
Uttarakhand	2021-22	118	16.50%	16.50%
UPCL	2021-22	118	16.50%	16.50%
GEDCO/Integrated Utilities				
Himachal Pradesh	2021-22	56	16.00%	16.00%
HPSEBL	2021-22	56	16.00%	16.00%
Kerala	2021-22	253.5	14.00%	14.00%
KSEBL	2021-22	253.5	14.00%	14.00%
Manipur	2021-22	2	15.50%	15.50%
MSPDCL	2021-22	2	15.50%	15.50%
Punjab	2021-22	589	16.00%	16.00%
PSPCL	2021-22	Supply : 58.8 Wire : 529.9	16.00%	16.00%
Tamil Nadu	2017-18	NA	0.00%	14.00%
TANGEDCO	2017-18	NA	0.00%	14.00%
Tripura	2020-21	17.41	15.50%	15.50%
TSECL	2020-21	17.41	15.50%	15.50%
West Bengal	2019-20	322	16.50%	16.50%
WBSEDCL	2019-20	322	16.50%	16.50%
Power Departments				
Arunachal Pradesh	2018-19	NA	0.00% ¹⁰	16.00%
Arunachal PD	2018-19	NA	0.00%	16.00%
Goa	2021-22	108	15.50%-16.00%	15.50%-16.00%
Goa PD	2021-22	Supply : 11.08 Wire : 96.58	Supply : 16% Wire : 15.50%	Supply : 16% Wire : 15.50%
J&K and Ladakh	2020-21	NA	0.00%	15.50%
JKPDD	2020-21	NA	0.00%	15.50%

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
Mizoram	2021-22	NA	0.00%	15.50%
Mizoram PD	2021-22	NA	0.00%	15.50%
Nagaland	2021-22	NA	0.00%	15.50%
Nagaland PD	2021-22	NA	0.00%	15.50%
Puducherry	2021-22	48	15.50%-16.00%	15.50%-16.00%
Puducherry PD	2021-22	Supply : 4.89, Wire : 42.64	Supply : 16.00%, Wire : 15.50%	Supply : 16.00%, Wire : 15.50%
Sikkim	2021-22	NA	0.00%	14.00%
Sikkim PD	2021-22	NA	0.00%	14.00%
Union Territories				
Andaman & Nicobar	2021-22	11	16.00%	16.00%
ED Andaman & Nicobar	2021-22	11	16.00%	16.00%
Chandigarh	2021-22	22	15.50%-16.00%	15.50%-16.00%
Chandigarh ED	2021-22	Supply : 2.26 Wire : 19.74	Supply : 16.00%, Wire : 15.50%	Supply : 16.00%, Wire : 15.50%
Dadra & Nagar Haveli	2021-22	25	15.50%-16.00%	15.50%-16.00%
DNHPDCL	2021-22	Supply : 2.55 Wire : 22.21	Supply : 16.00%, Wire : 15.50%	Supply : 16.00%, Wire : 15.50%
Daman & Diu	2021-22	17	15.50%-16.00%	15.50%-16.00%
Daman & Diu ED	2021-22	Supply : 1.74 Wire : 15.21	Supply : 16.00%, Wire : 15.50%	Supply : 16.00%, Wire : 15.50%
Lakshadweep	2021-22	8	16.00%	16.00%
Lakshadweep ED	2021-22	8	16.00%	16.00%

Notes:

- A. 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.
- B. For the state of 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

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
GENCOs				
Andhra Pradesh	2021-22	568	11.80%	NA
APGENCO	2021-22	568	11.80%	NA
Assam	2021-22	44	15.50%	15.50%
APGCL	2021-22	44	15.50%	15.50%
Bihar	2018-19	245	14.00%	14.00%
BSPGCL	2018-19	245	14.00%	14.00%
Chhattisgarh	2021-22	457	15.50%	15.50%
CSPGCL	2021-22	457	15.50%	15.50%
Delhi	2021-22	53	8.72%	NA
IPGCL	2021-22	15	8.43%	NA
PPCL	2021-22	38	6.33%	NA
Gujarat	2021-22	1,056	14.00%	14.00%
GSECL	2021-22	1,056	14.00%	14.00%
Haryana	2021-22	1,953	10.00%	14.00%
HPGCL	2021-22	1,953	10.00%	14.00%
Himachal Pradesh	2021-22	29	15.50%	15.50%
HPSEB Ltd.	2021-22	29	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	2021-22	116	14.00%	14.00%
KSEB	2021-22	116	14.00%	14.00%
Madhya Pradesh	2016-17	652.61	15.50%	15.50%
MPPGCL	2016-17	652.61	15.50%	15.50%
Maharashtra	2021-22	1,586	14.00%	15.50%
MSPGCL	2021-22	1,586	14.00%	15.50%
Manipur	2021-22	1.56	NA	15.50%
MSPCL	2021-22	1.56	NA	15.50%
Meghalaya	2021-22	58.1	14.00%	14.00%
MePGCL	2021-22	58.1	14.00%	14.00%
Odisha	2021-22	152	16.00%	16.00%
OHPC	2021-22	80	15.50% & 16.00%	16.00%
OPGCL	2021-22	72	16.00%	16.00%
Punjab	2021-22	385.98	15.50% - 16.50%	15.50% - 16.50%
PSPCL	2021-22	385.98	15.50% - 16.50%	15.50% - 16.50%
Rajasthan	2020-21	480	15.00%	15.00%
RRVUNL	2020-21	480	15.00%	15.00%
Tamil Nadu	2018-19	0	0.00%	14.00%
TANGEDCO	2018-19	0	0.00%	14.00%
Telangana	2018-19	1,746.54	13.40%	NA

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
TSGENCO	2018-19	1,746.54	13.40%	NA
Tripura	2020-21	12	15.50% -16.50%	15.50% - 16.50%
TPGL	2020-21	12	15.50% -16.50%	15.50% - 16.50%
Uttar Pradesh	2018-19	135.71	15.50%	15.50%
UPJVNL	2018-19	11.4	15.50%	15.50%
UPRVUNL	2018-19	124.31	15.50%	15.50%
Uttarakhand	2021-22	104.06	16.50% & 15.50%	16.50% & 15.50%
UJVNL	2021-22	104.06	16.50% & 15.50%	16.50% & 15.50%
West Bengal	2017-18 & 2019-20	879	0.00% & 15.50%	15.50%
WBPDC	2019-20	923.0487	15.50%	15.50%
WBSEDCL	2019-20	47.2378	15.50%	15.50%
Power Departments				
Arunachal Pradesh	2019-20	23	14.00%	17.56%
Arunachal PD	2019-20	23	14.00%	17.56%
Goa	2020-21	NA	NA	15.50%
Goa PD	2020-21	NA	NA	15.50%
J&K and Ladakh	2015-16	254	14.00%	15.50% & 16.50%
JKSPDC	2015-16	254	14.00%	15.50% & 16.50%
Mizoram	2020-21	0	0.00%	15.50%
Mizoram PD	2020-21	0	0.00%	15.50%
Nagaland	2020-21	0	0.00%	15.50%
Nagaland PD	2020-21	0	0.00%	15.50%
Puducherry	2020-21	11	15.50%	15.50%
PPCL	2020-21	11	15.50%	15.50%
Sikkim	2020-21	0	0.00%	14.00%
Sikkim PD	2020-21	0	0.00%	14.00%
Union Territories				
Andaman & Nicobar	2020-21	NA	NA	15.50%
ED Andaman & Nicobar	2020-21	NA	NA	15.50%
Chandigarh	2020-21	NA	NA	15.50%
Chandigarh ED	2020-21	NA	NA	15.50%
Dadra & Nagar Haveli	2020-21	NA	NA	15.50%
DNHPDCL	2020-21	NA	NA	15.50%
Daman & Diu	2020-21	NA	NA	15.50%
Daman & Diu ED	2020-21	NA	NA	15.50%
Lakshadweep	2020-21	NA	NA	15.50%
Lakshadweep ED	2020-21	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
TRANSCO				
Andhra Pradesh	2021-22	1,083	11.23%	14.00%
APTRANSCO	2021-22	1,083	11.23%	14.00%
Assam	2021-22	15	15.50%	15.50%
AEGCL	2021-22	15	15.50%	15.50%
Bihar	2021-22	271	10.00%	14.00% & 15.50%
BSPTCL	2021-22	271	10.00%	14.00% & 15.50%
Chhattisgarh	2021-22	219	15.50%	15.50%
CSPTCL	2021-22	219	15.50%	15.50%
Delhi	2021-22	484	NA	14.00%
DTL	2021-22	484	NA	14.00%
Gujarat	2021-22	1,096	14.00%	14.00%
GETCO	2021-22	1,096	14.00%	14.00%
Haryana	2021-22	256.59	10.00%	10.00%
HVPNL	2021-22	256.59	10.00%	10.00%
Himachal Pradesh	2021-22	2	15.50%	15.50%
HPPTCL	2021-22	2	15.50%	15.50%
Jharkhand	2020-21	92	15.50%	15.50%
JUSNL	2020-21	92	15.50%	15.50%
Karnataka	2021-22	843	15.50%	15.50%
KPTCL	2021-22	843	15.50%	15.50%
Kerala	2021-22	120	14.00%	14.00%
KSEB	2021-22	120	14.00%	14.00%
Madhya Pradesh	2021-22	608.18	15.50%	15.50%
MPPTCL	2021-22	608.18	15.50%	15.50%
Maharashtra	2021-22	1,149	16.96%	14.00%
MSETCL	2021-21	1,149	16.96%	14.00%
Manipur	2021-22	2	15.50%	15.50%
MSPCL	2021-22	2	15.50%	15.50%
Meghalaya	2021-22	15	14.00%	14.00%
MePTCL	2021-22	15	14.00%	14.00%
Odisha	2021-22	132	15.50%	15.50%
OPTCL	2021-22	132	15.50%	15.50%
Punjab	2021-22	109	15.50%	15.50%
PSTCL	2021-22	109	15.50%	15.50%
Rajasthan	2020-21	96	2.00%	14.00%
RRVPNL	2020-21	96	2.00%	14.00%
Tamil Nadu	2018-19	445	14.00%	14.00%
TANTRANSCO	2018-19	445	14.00%	14.00%

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
Telangana	2021-22	1,236	10.89%	NA
TSTRANSCO	2021-22	1,236	10.89%	NA
Tripura	2020-21	4	15.50%	15.50%
TSECL	2020-21	4	15.50%	15.50%
Uttar Pradesh	2021-22	173	2.00%	15.50%
UPPTCL	2021-22	173	2.00%	15.50%
Uttarakhand	2021-22	42	15.50%	15.50%
PTCUL	2021-22	42	15.50%	15.50%
West Bengal	2021-22	536	15.50%	15.50%
WBSETCL	2021-22	536	15.50%	15.50%
Power Departments				
Arunachal Pradesh	2018-19	NA	NA	14.00%
Arunachal PD	2018-19	NA	NA	14.00%
Goa	2020-21	NA	NA	15.50%
Goa PD	2020-21	NA	NA	15.50%
J&K and Ladakh	2016-17	NA	NA	NA
JKPDD-T	2016-17	NA	NA	NA
Mizoram	2015-16	NA	NA	15.50%
Mizoram PD	2015-16	NA	NA	15.50%
Nagaland	2020-21	0	0.00%	15.50%
Nagaland PD	2020-21	0	0.00%	15.50%
Puducherry	2020-21	NA	NA	15.50%
Puducherry PD	2020-21	NA	NA	15.50%
Sikkim	2020-21	NA	NA	14.00%
Sikkim PD	2020-21	NA	NA	14.00%
Union Territories				
Andaman & Nicobar	2020-21	NA	NA	15.50%
ED Andaman & Nicobar	2020-21	NA	NA	15.50%
Chandigarh	2020-21	NA	NA	15.50%
Chandigarh ED	2020-21	NA	NA	15.50%
Dadra & Nagar Haveli	2021-22	8	15.50%	15.50%
DNHPDCL	2021-22	8	15.50%	15.50%
Daman & Diu	2020-21	NA	NA	15.50%
Daman & Diu ED	2020-21	NA	NA	15.50%
Lakshadweep	2020-21	NA	NA	15.50%
Lakshadweep ED	2020-21	NA	NA	15.50%



SECTION 11

TRANSMISSION CHARGES



Transmission Charges

	Applicable Year	Long Term and Medium Term	Unit	Short Term	Unit
TRANSCO					
Andhra Pradesh¹	2021-22	154,544	Rs/MW/month	154,544	Rs/MW/month
APTRANSCO	2021-22	154,544	Rs/MW/month	154,544	Rs/MW/month
Assam¹	2021-22	148,326	Rs/MW/month	0.40	Rs/kWh
AEGCL	2021-22	148,326	Rs/MW/month	0.40	Rs/kWh
Bihar	2021-22	94.22	Rs. Cr./month	-	-
BSPTCL	2021-22	94.22	Rs. Cr./month	-	-
Chhattisgarh¹	2021-22	81.64	Rs. Cr./month	0.39	Rs/kWh
CSPTCL	2021-22	81.64	Rs. Cr./month	0.39	Rs/kWh
Delhi	2021-22	92.86	Rs. Cr./month	-	-
DTL	2021-22	92.86	Rs. Cr./month	-	-
Gujarat¹	2021-22	129,343	Rs/MW/month	0.37	Rs/kWh
GETCO	2021-22	129,343	Rs/MW/month	0.37	Rs/kWh
Haryana	2020-21	156.14	Rs. Cr./month	0.36	Rs/kWh
HVPNL	2020-21	156.14	Rs. Cr./month	0.36	Rs/kWh
Himachal Pradesh	2021-22	2.14	Rs. Cr./month	0.05	Rs/kWh
HPPTCL	2021-22	2.14	Rs. Cr./month	0.05	Rs/kWh
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	2021-22	151,518	Rs/MW/month	1,245.35 ^{2a}	Rs. Cr./month
				622.28 ^{2b}	
				311.34 ^{2c}	
KPTCL	2021-22	151,518	Rs/MW/month	1,245.35 ^{2a}	Rs. Cr./month
				622.28 ^{2b}	
				311.34 ^{2c}	
Kerala	2021-22	0.47	Rs/kWh	-	-
KSEB	2021-22	0.47	Rs/kWh	-	-
Madhya Pradesh	2018-19	158,947	Rs/MW/month	0.34	Rs/kWh
MPPTCL	2018-19	158,947	Rs/MW/month	0.34	Rs/kWh
Maharashtra¹	2021-22	263,200	Rs/MW/month	0.41	Rs/kWh
MSETCL	2021-22	263,200	Rs/MW/month	0.41	Rs/kWh
Manipur	2021-22	315,375	Rs/MW/month	1.03	Rs/kWh
MSPCL	2021-22	315,375	Rs/MW/month	1.03	Rs/kWh
Meghalaya	2021-22	106,482	Rs/MW/month	0.34	Rs/kWh
MePTCL	2021-22	106,482	Rs/MW/month	0.34	Rs/kWh
Odisha	2021-22	0.28	Rs/kWh	-	-
OPTCL	2021-22	0.28	Rs/kWh	-	-
Punjab¹	2021-22	85,437	Rs/MW/month	0.23	Rs/kWh
PSTCL	2021-22	85,437	Rs/MW/month	0.23	Rs/kWh
Rajasthan¹	2020-21	174,421	Rs/MW/month	0.30	Rs/kWh

Transmission Charges

	Applicable Year	Long Term and Medium Term	Unit	Short Term	Unit
RRVPL	2020-21	174,421	Rs/MW/month	0.30	Rs/kWh
Tamil Nadu	2017-18	91,119	Rs/MW/month	-	-
TANTRANSCO	2017-18	91,119	Rs/MW/month	-	-
Telangana	2021-22	158,707	Rs/MW/month	-	-
TSTRANSCO	2021-22	158,707	Rs/MW/month	-	-
Tripura	2020-21	0.29	Rs/kWh	-	-
TSECL	2020-21	0.29	Rs/kWh	-	-
Uttar Pradesh	2021-22	0.24	Rs/kWh	0.24	Rs/kWh
UPPTCL	2021-22	0.24	Rs/kWh	0.24	Rs/kWh
Uttarakhand	2021-22	123,314	Rs/kWh	-	-
PTCUL	2021-22	123,314	Rs/kWh	-	-
West Bengal	2021-22	188,426	Rs/kWh	-	-
WBSETCL	2021-22	188,426	Rs/kWh	-	-
Power Departments					
Arunachal Pradesh	2018-19	71,253	Rs/MW/month	-	-
Arunachal PD	2018-19	71,253	Rs/MW/month	0.20	Rs/kWh
J&K and Ladakh	2015-16	33,640	-	-	-
JKPDD-T	2015-16	33,640	-	-	-
Mizoram	2021-22	24,941	Rs/MW/month	-	-
Mizoram PD	2021-22	24,941	Rs/MW/month	0.08	Rs/kWh
Union Territories					
Dadra & Nagar Haveli¹	2021-22	33,314	Rs/MW/month	33,314	Rs/MW/month
DNHPDCL	2021-22	33,314	Rs/MW/month	33,314	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 (2b) 6 to 12 hours/day (2c) 0 to 6 hours/day



SECTION 12

NUMBER OF PENDING CASES



Number of Pending Cases

	Petitions Pending			Tariff Petitions			True-up Petitions			Dispute Related		
Pending for (Months)→	<3	3-6	>6	<3	3-6	>6	<3	3-6	>6	<3	3-6	>6
Organization												
APTEL	118	82	1753	-	-	-	-	-	-	-	-	-
CERC	8	17	57	-	-	-	-	-	-	-	-	-
SERC/JERC												
Andhra Pradesh	-	-	-	-	-	-	-	-	-	-	-	-
Arunachal Pradesh	0	0	1	0	0	4	0	0	0	0	0	0
Assam	1	0	1	0	0	0	0	0	0	-	-	-
Bihar	1	4	14	0	0	0	0	1	1	-	-	-
Chhattisgarh	8	17	57	0	9	2	0	0	9	0	0	9
Delhi	10	5	20	0	0	0	-	-	-	5	3	32
Gujarat	27	46	105	0	0	0	0	0	0	11	16	45
Haryana	16	5	16	3	1	5	0	0	0	4	1	10
Himachal Pradesh	6	6	19	1	0	8	0	0	0	2	6	5
Jharkhand	0	0	4	0	1	11	-	-	-	0	0	12
Goa	7	0	0	0	0	0	0	1	7	1	0	0
J&K and Ladakh	0	0	0	0	0	0	0	0	0	1	0	0
Manipur & Mizoram	-	-	-	-	-	-	0	0	0	-	-	-
Karnataka	10	13	213	0	0	0	-	-	-	-	-	-
Kerala	-	-	-	-	-	-	0	0	0	-	-	-
Madhya Pradesh	7	1	7	0	1	0	-	-	-	9	2	1
Maharashtra	14	10	21	0	0	0	7	0	0	-	-	-
Meghalaya	5	2	3	0	0	0	-	-	-	3	2	3
Nagaland	0	0	0	-	-	-	2	0	0	-	-	-
Odisha	-	-	-	-	-	-	-	-	-	-	-	-
Punjab	16	5	22	2	1	1	2	1	0	3	1	1

Number of Pending Cases

	Petitions Pending			Tariff Petitions			True-up Petitions			Dispute Related		
Pending for (Months)→	<3	3-6	>6	<3	3-6	>6	<3	3-6	>6	<3	3-6	>6
Rajasthan	11	9	51	1	6	22	0	5	1	-	-	-
Sikkim	0	0	0	0	0	0	0	0	0	0	0	0
Tamil Nadu	22	28	85	0	0	-	0	1	0	-	-	-
Telangana	0	0	0	0	4	8	2	1	0	8	3	16
Tripura	-	-	-	-	-	-	-	-	-	-	-	-
Uttar Pradesh	-	-	-	0	7	0	0	7	0	-	-	-
Uttarakhand	6	1	6	0	0	0	0	0	0	0	0	0
West Bengal	-	-	-	-	-	-	-	-	-	-	-	-

Notes:

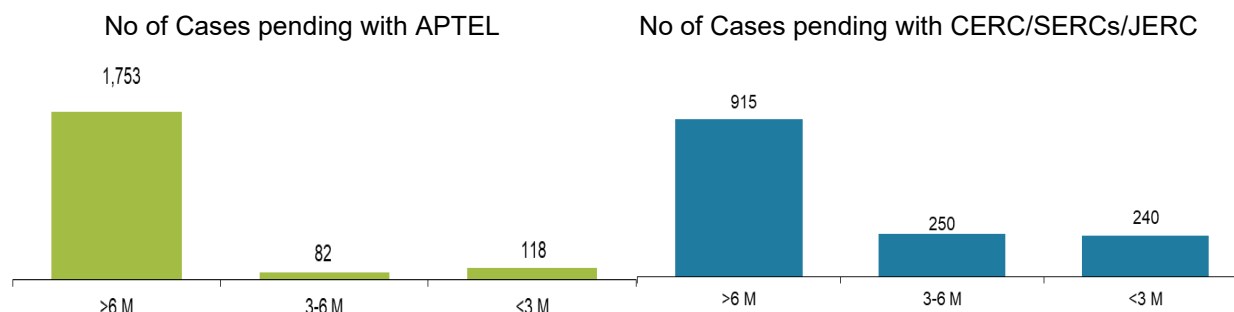
1. '-' denotes data not provided by the states.
2. CERC and Regulatory commission of 17 States/UTs namely Andhra Pradesh, Assam, Bihar, Chhattisgarh, Himachal Pradesh, Manipur, Mizoram, Kerala, Maharashtra, Nagaland, Odisha, Rajasthan, Sikkim, Telangana, Tripura, Uttar Pradesh, and West Bengal have not provided data, due to unavailability of latest data for these regulatory commission the earlier available data have been taken

Remarks:

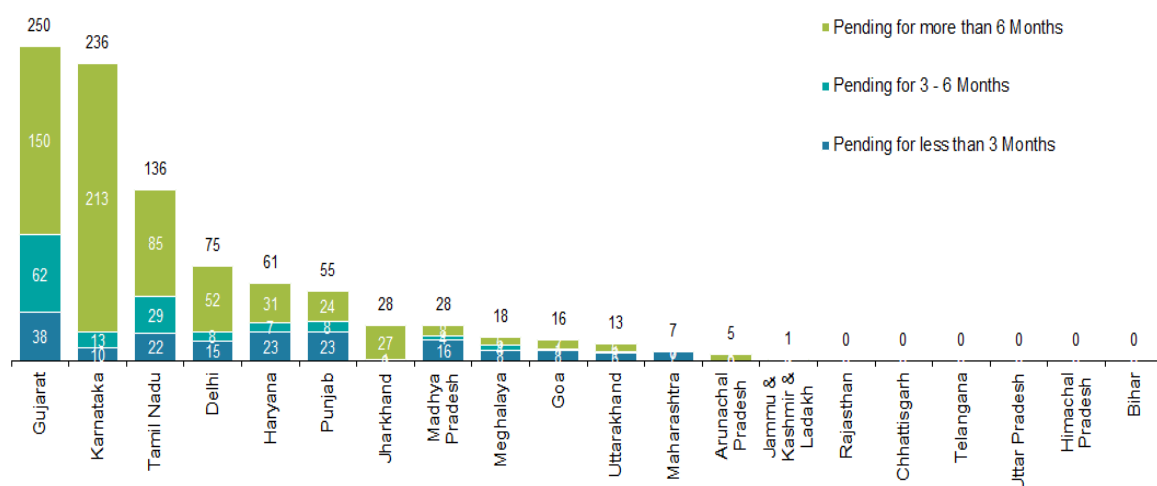
States/UTs	Case Type	Months	Remarks
Chhattisgarh	Petitions Pending	>6	APTEL has 26 cases pending for Chhattisgarh state
Maharashtra	Petitions Pending	<3	35 New Matters -21 Part Heard
		3-6	23 Part Heard - 13 Reserve for Orders
		>6	46 Part Heard - 25 Abeyance (Pending before Hon'ble Supreme Court, High Court & APTEL)
Tamil Nadu	Tariff Petitions Pending	>6	SLDC petition for determination of Scheduling charges and System operation charges (admitted on 29-12-2020)
	True-up petitions	3-6	TANGEDCO filed True up petition on 27-04-2021; the petition not yet listed for admission due to Statewide lock down on Covid 19 pandemic from 10-5-2021 and not filed Tariff petitions

Number of Pending Cases

Summary of findings:



a) Total 3,358 Petitions are pending across APTEL and ERCs as on Nov 2021



a) Total 1,323 Petitions (Tariff, Dispute related and Others) are pending across all SERCs/JERC as on Nov 2021



SECTION 13

ALIGNMENT OF ELECTRICITY (RIGHTS OF CONSUMERS) RULES 2020



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 division/ subdivision status
DISCOMS Alignment of DISCOM's Regulations/Standard of Performance (SOP)/Supply Code with above timelines										
Andhra Pradesh										
APEPDCL	Existing Network- 30 days Network Expansion: 1) LT - Within 30 Days 2) 11 KV - Within 60 days 3) 33 KV - Within 90 days 4) EHT- Within 180 days	7 Days	15 Days	7 Days	Available	15 Days	15-20 Days	Yes	Yes	1
APSPDCL		7 Days	15 Days	7 Days	Available	15 Days	15-20 Days	Yes	Yes	1
APCPDCL		Urban- 7 Days, Rural- 12 Days	15 Days	Without additional information - 1 day With additional information - 2 days	Available	15 Days	30 Days	Yes	Yes	1
ARECS		7 Days	15 Days	7 Days	Available	15 Days	15-20 Days	No	Yes	0

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	
CRECS	Existing Network- 30 days Network Expansion: 1) LT - Within 30 Days 2) 11 KV - Within 60 days 3) 33 KV - Within 90 days 4) EHT- Within 180 days	Not available	7 Days for meter Burnt, 15 Days for faulty meter operations	Not available	Not complied	Not available	Not available	-	No	0
KRECS		7 Days	15 Days	7 Days	Available	15 Days	15-20 Days	No	Yes	0
Assam										
APDCL	Urban- 30 Days, Rural-36 Days	Urban- 7 Days, Rural-15 Days	Urban- 15 Days, Rural-30 Days	Not available	Available	Not available	Not available	Yes	Yes	8
Bihar										
NBPDCL	30 Days	Urban -7 Days Rural-15 Days	Urban -14 Days, Rural-22 Days	Not available	Available	Not available	Not available	No	Yes	1
SBPDCL								Yes	Yes	3
Chhattisgarh										
CSPDCL	Urban- 7 Days, Rural-15 Days	Urban- 7 Days, Rural-12 Days	7 Days	Not available	Available	Not available	Not available	Yes	Yes	6
Delhi										
BRPL	Release of connection with no RoW or road cutting permission - Within 7 days of application acceptance	15 Days	15 Days	Final bill after adjustment of security deposit - within 5 days	Available	30 Days	15 Days	Yes	Yes	1
BYPL	Within 7 days of acceptance of application	15 Days	Restoration of supply within 3 hours either by bypassing the	Immediately on receipt of final payment	Available	30 Days	15 Days	Yes	Yes	1

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	
			burnt meter or by installing temporary meter.							
TPDDL	Data unavailable	15 Days	Data unavailable	Data unavailable	Not complied	30 Days	30 Days	Yes	Yes	1
Gujarat										
DGVCL	Residence & Commercial-7 Days, Industrial LT-10 Days, HT-15 Days EHV-30 days	Urban -7 Days, Rural-15 Days	Urban -7 Days, Rural-7 Days	7 Days	Available	5 Days	7 Days	Yes	Yes	20
MGVCL	Permanent electric connection for residence & commercial- 7 Days Permanent electric connection for Industrial LT- 10 Days For HT connection-15 Days For EHV connection-30 Days	Urban-7 Days, Rural-15 Days	To inform consumer about defect and replace the meter after inspection at site (Urban-15 Days, Rural-15 Days) Request for replacement of meter, if established to be defective (Urban-7 Days, Rural-7 Days)	7 Days	Available	Within 5 No. of days from the date of receipt of complete regulation	Within 7 No. of days from the date of receipt of letter from HO	Yes	Yes	119
UGVCL	Residence & Commercial-7 Days, Industrial LT-10 Days, HT-15 Days EHV-30 days	Urban -7 Days, Rural-15 Days	Urban -7 Days, Rural-7 Days	7 Days	Available	5 Days	7 Days	Yes	Yes	2
PGVCL	20 Days	Urban -7 Days, Rural-15 Days	15 Days	30 Days	Available	5 Days	7 Days	Yes	Yes	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	
Haryana										
DHBVNL	Urban-7 Days, Municipal Areas-15 Days, Rural-30 Days	3 Days	Days for Burnt meters= 6 hrs. in normal circumstances; 5 days otherwise. Days for defective meter and stuck meter=10 days	Not available	Not complied	10 Days	15 Days	Yes	Yes	1
UHBVNL	Release of connection- i. within 23 days in case of LT supply; ii. within 57 days in case of 11 kV supply; iii. within 77 days in case of HT at 33 kV supply; iv. within 142days in case of supply above 33 kV	7 Days	7 Days	1 Day	Available	10 Days	15 Days	Yes	Yes	1
Jharkhand										
JBVNL	30 Days	Urban- 7 days, rural- 12 days	Urban- 12 days, rural- 27 days	30 Days	Available	Not available	Not available	No	Yes	5
Karnataka										
BESCOM	Without expansion of electrical network- 30 days Municipal areas-15, Rural-30 Days	7 Days	15 Days	7 Days	Available	3 Days	15 days	Yes	Yes	8
CESCOM	30 Days	7 Days	24 hours	Data Unavailable	Not Complied	15 Days	180 days	-	-	-
GESCOM	Without expansion of	7 Days	15 Days	7 Days	Available	Not	Not	Yes	-	0

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	
	electrical network- 30 days Municipal area- 15 Days & Rural- 30 Days					available	available			
HESCOM	30 Days	7 Days	10 Days	7 Days	Available	3 Days	Not available	Yes	Yes	7
MESCOM	Without expansion of electrical network- 30 days Municipal areas-15, Rural- 30 Days	7 Days	Burnt meters are replaced within 7 days if cause not attributable by consumer and in other cases within 24 hours on payment of charges.	7 Days	Available	Not available	Not available	Yes	Yes	4
HRECS	Urban -15 Days, Rural-30 Days	7 Days	Rural-72 Hrs., Urban-24 Hrs.	Same day after receipt of final payment	Available	20 Days	25 days from the receipt of completion report by the applicant	Yes	Yes	4
Madhya Pradesh										
MPMaKVVCL	LT- 60 days, Agricultural – 90 days, HT – 90 days, EHT – 180 days	15 Days	Urban-15 Days, Rural-30 Days	Not available	Not complied	Not available	Not available	Yes	Yes	1
MPPaKVVCL	LT- 60 days, Agricultural – 90 days, HT – 90 days, EHT – 180 days	15 Days	Urban-15 Days, Rural-30 Days	Not available	Available	Not available	Not available	Yes	Yes	1

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	
MPPoKVVCL	LT- 60 days, Agricultural – 90 days, HT – 90 days, EHT – 180 days	15 Days	Urban-15 Days, Rural-30 Days	Not available	Not complied	Not available	Not available	Yes	Yes	1
Maharashtra										
MSEDCL	For existing network- Within one month after receipt of the completed application and payment of charges	Urban -7 Days Rural-12 Days	Within subsequent billing cycle	Not available	Available	Not available	7 Days	Yes	Yes	116
TPCL	Existing Network-30 Days, augmentation of distributing main-90 Days, Commissioning of Sub-substation-365 Days	4 Days	Subsequent Billing cycle	Data unavailable	Not complied	Not available	Not available	Yes	Yes	1
BEST	Urban-15 Days, Rural- 30 days	Urban-4 Days, Rural-12 days	Within subsequent billing cycle	7 Days	Not complied	Not available	Not available	Yes	Yes	1
Meghalaya										
MePDCL	Within (30) days (including extension) for both rural and urban	Not available	Not available	Not available	Not complied	Not available	Not available	No	Yes	1
Odisha										
TPCODL	Release of connection 1. New Connection (no extension) : within 7 days 2. New connection (with extension) within 10 days 3. New connection (extension/augmentation of 11KV) : within 20 days 4. New connection	2 Days	30 Days	10 Days	Available	15 Days	15-20 Days	No	Yes	-

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	
	(extension/augmentation of 33KV network) : within 30 days									
TPNODL (erstwhile NESCO)	2 Days	7 Days	30 Days	7 Days	Available	Not available	Not available	Yes	Yes	2
TPSODL	10 Days	7 Days	30 Days	7 Days	Available	Not available	Not available	Yes	Yes	2
TPWODL	2 Days	7 Days	30 Days	7 Days	Available	Nil	Nil	No	Yes	3
Rajasthan										
AVVNL	Not available	Not available	Not available	Not available	Available	15 Days	30 Days	Yes	Yes	255
JdVVNL	Not available	Not available	Not available	Not available	Available	15 Days	30 Days	Yes	Yes	235
JVVNL	Not available	Not available	Not available	Not available	Available	15 Days	30 Days	Yes	Yes	264
Telangana										
TSNPDCL	7 days for processing & 30 days for release of connection	Urban-7 days, rural-15 days	Urban-7 days, rural-15 days	1 Day	Not complied	7 Days	10 Days	Yes	Yes	2
TSSPDCL	Within 7 days for no extension & 15 days if extension work involved: within 30 days for both Rural and Urban	Urban-7 days, rural-15 days	7 Days	7 Days	Not complied	within 7 working days from the receipt of application	5 Days	Yes	Yes	2
CESS	For No Extension work - 7 Days, Extension work required- 15	7 Days	7 Days	7 Days	Not complied	Not available	Not available	Yes	Yes	1

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	
Uttar Pradesh										
DVVNL	Within 7 days (without extension); 30 days with extension	15 Days	Within 15 days (defective after testing); 3 days (burnt)	30 Days	Available	Not available	Not available	Yes	Yes	5
KESCO										1
MVVNL										5
PaVVNL										3
PuVVNL										1
Uttarakhand										
UPCL	15 Days	30 Days	72 hours	7 Days	Available	17 Days	15-20 Days	Yes	Yes	9
GEDCO/Integrated Utilities										
Himachal Pradesh										
HPSEBL	Within 7 days where no extension is required and within 15 days where ROW is required	7 Days	Urban - 56 working hrs. after payment from the consumer; Rural - 120 working hrs from the date of registration of the complaint	Five days from the date of request by Consumer	Available	15 Days	90-180 days from issuance of letter of approval	Yes	Yes	292
Kerala										
KSEBL	30 Days	30 Days	24 hours, 7 days, 30 days depending on the situation	Nil	Available	Nil	Nil	No	Yes	3

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	
Manipur										
MSPDCL	Not available	Not available	Not available	Not available	Not complied	Not available	Not available	No	Yes	
Punjab										
PSPCL	For existing network only- Within 7 days for DS/ NRS; within 15 days for other than DS/NRS For network expansion- within 30 days for LT; 45 days for HT 11kV; 75 days for HT 33Kv; 90 days for EHT	7 Days	5 Days	Not available	Available	30 Days	10 Days	Yes	Yes	2
Tamil Nadu										
TANGEDCO	Existing Network - 30 Days, Network expansion required: LT - 60 Days, 11 KV - 60 Days, 33 KV - 90 Days, EHT - 180 Days.	Not available	30 Days	Not available	Available	3 Days	21 Days	Yes	Yes	44
Tripura										
TSECL	Existing Network-7 Days, Line extension-21 Days	30 Days	30 Days	5 Days	Available	15 Days	7 Days	Yes	Yes	0
West Bengal										
WBSEDCL	30 Days	Urban-3 days, rural-7 days	Urban-10 days, rural-15 days	7 Days	Available	15 Days	7 Days	Yes	Yes	1

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	
Power Departments										
Arunachal Pradesh										
Arunachal PD	Not available	Not available	Not available	Not available	Not complied	Not available	Not available	-	-	5
Goa										
Goa PD	Urban-16 days, Rural-24 days	30 Days	15 Days	5 Days	Available	5 Days	5 Days	Yes	Yes	1
J&K and Ladakh										
JKPDD	Urban-7 days, Rural-10 days	Urban-7 days, Rural-10 days	Urban-5 days, Rural-15 days	Data unavailable	Not complied	Not available	Not available	No	No	0
JPDCL	Rural - 7 days, Urban - 03 days, Class I cities 02 days	Rural 7 working days, Urban 02 working days	Rural 7 working days, Urban 02 working days	Data unavailable	Not complied	Not available	Not available	No	Yes	3
KPDCL	Rural 10 days, Urban 7 days, Class I cities 7 days	Rural 12 days, Urban 7 days, Class I cities- 4 days	Rural 15 days, Urban 5 days, Class I cities- 3 days	Data unavailable	Not complied	Not available	Not available	Yes	Yes	4
Mizoram										
Mizoram PD	Not available	Not available	Not available	Not available	Not complied	Not available	Not available	No	-	0
Nagaland										
Nagaland PD	Not available	Not available	Not available	Not available	Not complied	Not available	Not available	No	No	0

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	
Puducherry										
Puducherry PD	Urban- 16 Days, Rural- 24 Days	30 Days	15 Days	Not available	1. Fuse off calls: 4 hours (Urban); 8 hours (Rural) 2. Service line faults: 6 hours (Urban); 12 hours (Rural) 3. HT feeder faults: Restoration within 12 hours	15 Days	25 Days	Yes	Yes	1
Sikkim										
Sikkim PD	-	-	-	-	-	-	-	-	-	-
Union Territories										
Andaman & Nicobar										
ED Andaman & Nicobar	Data unavailable	Data unavailable	Data unavailable	Data unavailable	Not complied	Not available	Not available	-	-	3

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	
Chandigarh										
Chandigarh ED	Within 30 days (including extension)	30 Days	15 Days	Not available	Not complied	Not available	Not available	No	Yes	
Dadra & Nagar Haveli										
DNHPDCL	Rural- 7 Days, urban-10 days	Within 30 days inspection and testing; replacement if required in next 15 days.	15 Days	5 Days	Available	15 Days	7 Days	Yes	Yes	1
Daman & Diu										
Daman & Diu ED	-	-	-	-	-	-	-	-	-	
Lakshadweep										
Lakshadweep ED	-	-	-	-	-	-	-	-	-	

Notes:

1. Data in this section has been provided by state DISCOMs for the purpose of DISCOM consumer service index.



SECTION 14

POWER PROCUREMENT COST OF DISCOMs



Power Procurement Cost of DISCOMs

Approved Power Procurement Cost of DISCOMs for FY 2022				
	Volume of Power approved for FY 2022	Cost of power procurement excluding Transmission charges	Average Power Procurement Cost per unit for FY 2022	Actual Average Power Procurement Cost per unit for FY 2020
	(MU)	(Rs Crores)	(Rs/kwh)	(Rs/kwh)
DISCOMS				
Andhra Pradesh	67756.0	26264.7	3.9	
APEPDCL	24740.4	9911.7	4.0	4.8
APSPDCL	26886.8	9885.2	3.7	5.3
APCPDCL	16128.7	6467.8	4.0	-
Assam	10494.1	4265.1	4.1	6.3
APDCL	10494.1	4265.1	4.1	6.3
Bihar	30699.7	12344.9	4.0	7.1
NBPDCL	14174.7	5705.6	4.0	6.7
SBPDCL	16525.0	6639.4	4.0	7.4
Chhattisgarh	30131.0	11326.3	3.8	5.1
CSPDCL	30131.0	11326.3	3.8	5.1
Delhi	30330.0	12967.2	4.3	6.2
BRPL	11813.0	5131.0	4.3	6.4
BYPL	8065.0	2852.0	3.5	5.2
NDMC	789.0	572.6	7.3	
TPDDL	9663.0	4411.6	4.6	6.6
Gujarat	102775.0	38698.0	3.8	5.7
GUVNL	102775.0	38698.0	3.8	5.7
Haryana	59720.0	22939.9	3.8	5.9
DHBVNL	59720.0	22939.9	3.8	5.7
UHBVNL				6.1
Jharkhand⁷	11748.8	4542.6	3.9	6.6
JBVNL	11748.8	4542.6	3.9	6.6
Karnataka	70852.5	31152.7	4.4	6.1
BESCOM	33081.3	15045.1	4.6	7.0
CESCOM	7866.4	3203.3	4.1	4.7
GESCOM	8877.2	3678.2	4.1	5.8
HESCOM	14532.6	6705.6	4.6	5.1
MESCOM	6495.0	2520.5	3.9	5.3
Madhya Pradesh	79507.9	27781.2	3.5	5.8
MPMaKVCL	25514.1	7012.9	2.8	6.2
MPPaKVCL	29771.4	13407.1	4.5	5.3

Power Procurement Cost of DISCOMs

MPPoKVVCL	24222.4	7361.2	3.0	6.0
Maharashtra	141940.0	60568.9	4.3	6.3
MSEDCL	141940.0	60568.9	4.3	6.3
Meghalaya	3057.0	895.9	2.9	6.1
MePDCL	3057.0	895.9	2.9	6.1
Odisha	21950.2	8257.6	3.8	4.1
TPCODL	7159.8	2629.1	3.7	-
NESCO Utility	4801.0	1881.6	3.9	4.6
TPSODL	3075.0	848.7	2.8	-
TPWODL	6914.4	2898.2	4.2	-
Rajasthan³	83633.0	33089.0	4.0	6.1
AVVNL	23159.0	9175.0	4.0	6.0
JdVVNL	27768.0	11001.0	4.0	6.2
JVVNL	32706.0	12913.0	4.0	6.1
Telangana⁶	57631.3	23473.4	4.1	5.9
TSNPDCL	18084.1	7508.8	4.2	5.8
TSSPDCL	39547.1	15964.6	4.0	5.9
Uttar Pradesh	107315.4	57966.8	5.4	6.4
DVVNL	22417.6	11103.6	5.0	5.8
KESCO	3720.1	2227.8	6.0	7.0
MVVNL	21240.4	11530.5	5.4	6.7
PaVVNL	33381.9	18703.8	5.6	6.4
PuVVNL	26555.4	14401.2	5.4	6.5
Uttarakhand	15577.6	5269.5	3.4	5.2
UPCL	15577.6	5269.5	3.4	5.2
GEDCO/Integrated Utilities				
Himachal Pradesh	13031.8	3372.4	2.6	3.3
HPSEBL	13031.8	3372.4	2.6	3.3
Kerala	29106.5	8964.4	3.1	3.8
KSEBL	29106.5	8964.4	3.1	3.8
Manipur	1011.0	462.8	4.6	6.9
MSPDCL	1011.0	462.8	4.6	6.9
Punjab	50930.4	21229.6	4.2	5.1
PSPCL	50930.4	21229.6	4.2	5.1
Tamil Nadu⁸	105873.6	40020.8	3.8	5.4
TANGEDCO	105873.6	40020.8	3.8	5.4
Tripura	2634.1	958.5	3.6	4.9
TSECL	2634.1	958.5	3.6	4.9
West Bengal⁵	40035.6	15856.3	4.0	5.7
WBSEDCL	40035.6	15856.3	4.0	5.7

Power Procurement Cost of DISCOMs

Power Departments				
Arunachal Pradesh⁴	715.4	186.1	2.6	7.8
Arunachal PD	715.4	186.1	2.6	7.8
Goa	4749.1	1404.8	3.0	4.2
Goa PD	4749.1	1404.8	3.0	4.2
J&K and Ladakh²	14870.0	3474.3	2.3	7.8
JPDCL	14870.0	3474.3	2.3	7.8
Mizoram	774.9	337.5	4.4	5.9
Mizoram PD	774.9	337.5	4.4	5.9
Nagaland	867.2	355.6	4.1	10.0
Nagaland PD	867.2	355.6	4.1	10.0
Puducherry	3212.3	1300.6	4.1	5.6
Puducherry PD	3212.3	1300.6	4.1	5.6
Sikkim	677.8	249.3	3.7	3.2
Sikkim PD	677.8	249.3	3.7	3.2
Union Territories				
Andaman & Nicobar	356.4	620.2	17.4	21.8
ED Andaman & Nicobar	356.4	620.2	17.4	21.8
Chandigarh	1837.0	639.7	3.5	3.8
Chandigarh ED	1837.0	639.7	3.5	3.8
Dadra & Nagar Haveli	7037.4	2712.0	3.9	5.3
DNHPDCL	7037.4	2712.0	3.9	5.3
Daman & Diu	2867.1	1098.4	3.8	4.6
Daman & Diu ED	2867.1	1098.4	3.8	4.6
Lakshadweep	53.4	110.5	20.7	17.8
Lakshadweep ED	53.4	110.5	20.7	17.8

Notes:

1. Data for FY 2021-22 is as per approved values in ARR. Data for FY 2019-20 is as per actual values in Report on Performance of State Power Utilities (2019-20) published by PFC Ltd.
2. For J&K and Ladakh, the approved figure for the FY 2020-21 from the MYT order for 2nd Control Period FY 2016-17 to FY 2020-21 issued on 7.10.2016 has been used for FY 2021-22 as the concerned SERC has not issued new Order for the FY 2021-22
3. For Rajasthan, in the absence of approved figure for FY 2021-22, the figure for FY 2019-20 approved by the Commission under its True up Order issued vide dated 07.09.2021, has been used.

Power Procurement Cost of DISCOMs

4. For Arunachal Pradesh, Approved figure from Tariff Order for FY 2018-19 has been considered as the SERC has allowed to continue the Tariff for FY 2018-19, issued through order dated 6th Sep 2019, till further orders.
5. For West Bengal (WBSEDCL), the figures for the FY 2021-22 as approved in the Tariff Orders of FY 2019-20 have been considered.
6. For Telangana, as TSERC vide order dated 20.03.2020 extended the applicability of Tariff issued for FY 2018-19 to FY 2020-21, also the approved figure for FY 2018-19 has been used for 2021-22.
7. For Jharkhand, as ARR for FY 2021-22 is not approved, the approved figures for FY 2020-21 have been considered.
8. In the absence of approved figure for FY 2021-22, data for FY 2018-19 as approved by the Commission under its Distribution tariff Order issued dated 11.08.2017 is used.

SECTION 15

**AVAILABILITY OF
TECHNICAL
MINIMUM
REGULATION**



Availability of Technical Minimum Regulations

	Availability of Technical Minimum regulation	Relevant regulation / document
States		
Andhra Pradesh	Yes	Tariff Order for Retail Sale during FY20-21 dated 10th Feb 2020
Assam	Not Applicable	--
Bihar	Not Applicable	Tariff order for FY20-21 for NBPDCCL & SBPDCL dated 20th March 2020
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%
Delhi	Not Applicable	--
Gujarat	Yes	Tariff order by Gujarat Electricity Regulatory commission for FY2020-21 dated 26th Mar 2020
Haryana	Yes	Tariff order by Haryana Electricity Regulatory commission for FY2021-22 dated 18th Feb 2021
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
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.
Meghalaya	Not Applicable	--
Odisha	Yes	As per telephonic conversation with the utility technical minimum threshold is 55% in the state
Rajasthan	Yes	As per telephonic conversation with the utility technical minimum threshold is 55% in the state
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%
Uttar Pradesh	Yes	Petition No. 1217/2017 with UPERC for specifying technical minimum schedule of all generating stations
Uttarakhand	Not Applicable	--
Himachal Pradesh	Not Applicable	--
Kerala	Not Applicable	--
Manipur & Mizoram	Not Applicable	
Punjab	Yes	Review Petition under Section 94 of the Electricity Act, 2003 against tariff order dated 27.05.2019 for FY 2019- 20 (in petition no. 02 of 2019).
Tamil Nadu	Yes	As per telephonic conversation with the utility technical minimum threshold is 70% for 600MW and 80% for 210MW in the state. Further the state commission has not issued regulations for technical minimum operations
Tripura	Not Applicable	--
West Bengal	Yes	As per telephonic conversation with the utility

Availability of Technical Minimum Regulations

	Availability of Technical Minimum regulation	Relevant regulation / document
		technical minimum threshold for various plants in the state is in the range of 66% - 78%
Arunachal Pradesh	Not Applicable	--
Goa	Not Applicable	--
J&K and Ladakh	Not Applicable	--
Nagaland	Not Applicable	--
Puducherry	Not Applicable	--
Sikkim	Not Applicable	--
Chandigarh	Not Applicable	--
Dadra & Nagar Haveli	Not Applicable	--
Daman & Diu	Not Applicable	--

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.
3. 'Not Found' against a particular state in the above table implies that no state specific Regulation or Notified order exists w.r.t. maintenance of technical minimum output by a state-owned Generation plant in the given state.



SECTION 16

MERIT ORDER ADHERENCE >>>>

Merit Order Adherence

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

Notes:

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

