

# KEY REGULATORY PARAMETERS OF **POWER UTILITIES**



July 2021



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आर. के. सिंह  
R. K. SINGH



विद्युत मंत्री एवं  
नवीन और नवीकरणीय ऊर्जा मंत्री  
भारत सरकार  
Minister of Power and  
Minister of New & Renewable Energy  
Government of India



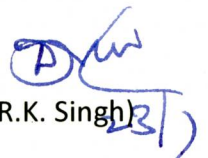
### Foreword

A robust and resilient power sector is critical to India's economic growth. In the past 5 years, we have brought about a transformation in the power sector. We have connected every village and every hamlet under Deendayal Upadhyaya Gram Jyoti Yojana and we connected every house under Saubhagya. We have transformed our country from power deficit to power surplus, and we have strengthened the distribution systems to enable availability of power for an average of 20 hours in the rural areas and an average of 23-24 hours in the urban areas. We have emerged as a world leader in energy transition.

The power sector has a pivotal role in realising the Hon'ble Prime Minister's vision of becoming a USD 5 trillion economy. While India is ramping up and diversifying its energy supply, it is critical to ensure commercial viability of the state-owned electricity distribution companies (DISCOMs) for a sustained electricity access and progressively better consumer services.

I am happy that a "Report on Key Regulatory Parameters of Power Utilities", containing the key Regulatory parameters has been prepared.

I am sure this report will provide useful to policymakers, regulators, investors, utility professionals, academicians, researchers and other important stakeholders engaged in building a strong power sector in India.

  
(R.K. Singh)





**कृष्ण पाल गुर्जर**  
**KRISHAN PAL GURJAR**



**प्राक्कथन**

केंद्रीय राज्य मंत्री,  
भारी उद्योग और ऊर्जा मंत्रालय  
भारत सरकार, नई दिल्ली  
**UNION MINISTER OF STATE FOR  
HEAVY INDUSTRIES AND POWER  
GOVERNMENT OF INDIA, NEW DELHI**

अर्थव्यवस्था के सुचारु रूप से काम करने के लिए बिजली सबसे महत्वपूर्ण बुनियादी क्षेत्रों में से एक है। भारत सरकार के विकास संबंधी लक्ष्यों को प्राप्त करने और अर्थव्यवस्था के विकास को प्रोत्साहित करने के लिए विद्युत क्षेत्र का सक्षम और व्यावसायिक रूप से कुशल होना अत्यंत आवश्यक है।

भारत ने विद्युत क्षेत्र के सम्पूर्ण वैल्यू चेन अर्थात् विद्युत उत्पादन, पारेषण और वितरण में उल्लेखनीय प्रगति की है। हालांकि, वितरण क्षेत्र की स्थिरता चिंता का विषय है, इसलिए, भारत सरकार इसे प्राथमिकता दे रही है। यह माना गया है कि कुशल नीति निर्माण इस दिशा में एक महत्वपूर्ण कारक है।

आज, विद्युत क्षेत्र में नीति-निर्माण और इसके क्रियान्वयन के प्रयासों की सफलता के लिए सूचनाओं एवं तथ्यों पर आधारित दृष्टिकोण का होना आवश्यक है। इसलिए, विद्युत क्षेत्र से संबंधित गुणवत्तापूर्ण और विश्वसनीय सूचनाओं एवं आंकड़ों की जानकारी महत्वपूर्ण है। पिछले कुछ समय से विद्युत नियामक क्षेत्र में व्यवस्थित सूचनाओं, आंकड़ों एवं इनके विश्लेषण की जरूरत को महसूस किया जा रहा था। इस कमी को पूरा करने के लिए, मैं, आरईसी लिमिटेड को बधाई देता हूँ, जिसने इस दिशा में पहल करते हुए "विद्युत वितरण कंपनियों के प्रमुख नियामक मापदण्डों" पर यह रिपोर्ट तैयार की है। यह रिपोर्ट वितरण कंपनियों के प्रदर्शन से संबंधित नियामक मापदण्डों का एक विश्वसनीय आधार उपलब्ध कराती है।

मुझे विश्वास है कि यह रिपोर्ट विद्युत क्षेत्र के सभी प्रमुख हितधारकों को निर्णय लेने में उपयोगी अंतर्दृष्टि प्रदान करने में मददगार होगी।

  
(कृष्ण पाल गुर्जर)

आलोक कुमार, भा.प्र.से.  
सचिव  
भारत सरकार  
**Alok Kumar, I.A.S.**  
Secretary  
Government of India



Ministry of Power  
Shram Shakti Bhawan  
New Delhi - 110001

विद्युत मंत्रालय  
श्रम शक्ति भवन  
नई दिल्ली-110001  
Tele : 23710271/23711316  
Fax : 23721487  
E-mail : secy-power@nic.in

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### **Message**

Information management is critical in the era of energy transition. As power distribution companies (DISCOMs) adapt to the fast-changing realities of the sector, it is important to understand the specific nuances of distribution sector in each state, benchmark them against other states and get a holistic picture of the national scenario.

The Government of India (GOI), in the last few years, has taken several steps for documenting DISCOM operational parameters including the Integrated Ratings of DISCOMs.

Need for information on regulatory parameters related to all the segments – generation, transmission and distribution – of the power sector in different states has been felt for some time. I am pleased to note that the first such “Report on Key Regulatory Parameters of Power Utilities” has been prepared by REC Ltd. The report provides information on key regulatory parameters for distribution, transmission and state owned generating companies.

I hope the report will facilitate knowledge sharing and bring forth actionable insights for the relevant power sector stakeholders including policy makers and regulators.

  
( Alok Kumar )

संजय मल्होत्रा भा.प्र.से.

अध्यक्ष एवं प्रबंध निदेशक

**Sanjay Malhotra IAS**

Chairman & Managing Director



**REC Limited | आर ई सी लिमिटेड**  
(भारत सरकार का उद्यम) / (A Government of India Enterprise)

22<sup>nd</sup> July, 2021



### Message

India has made huge strides in providing affordable, reliable, and sustainable electricity to its citizens. The Government of India (GOI) has introduced several reforms that aim to further improve power delivery to the consumers and strengthen the power sector.

Distribution, a key segment of the electricity supply value chain, is at the heart of these reforms. Power distribution companies (DISCOMs) has a key role in ensuring power to all and in facilitating India's transition to a lower carbon economy. Thus, it is critical for electricity regulatory commissions and DISCOMs to have ready-to-use actionable information that can help them make informed decisions.

In our continuous endeavor to facilitate exchange of information, we are pleased to release the "Report on Key Regulatory Parameters of Power Utilities". This report captures key regulatory information for distribution licensees as well as state owned Transmission licensees and Generation companies.

The data set in the report includes time series data on tariff order discipline, representative tariff, distribution losses, average billed revenue, cross-subsidy, return on equity and open-access charges among others for all the major DISCOMs. While a number of parameters have been covered, we aim to expand the list in the subsequent editions. The report will facilitate at-a-glance comparison between states and enable knowledge sharing.

I take this opportunity to place on record my appreciation for efforts of REC team and acknowledge the guidance and support provided by Ministry of Power in this endeavour.

(Sanjay Malhotra)

## ACKNOWLEDGEMENT

This report has been prepared to enable knowledge sharing and facilitate at-a-glance comparison between DISCOMs based on latest information. It provides information on key regulatory parameters of the last four financial years including the latest (FY 2022) for all major DISCOMs in India.

The information has been collected from various sources including “Electricity Regulatory Information Access and Analytics Platform (Regulatory Tool)”, which has been developed in association with the Forum of Regulators (FOR) under the technical assistance programme - “Supporting Structural Reforms in the Indian Power Sector” (Power Sector Reforms Programme). This program is being implemented by UK's Foreign, Commonwealth and Development Office (FCDO) in partnership with the Ministry of Power, Government of India. KPMG in India is the lead implementing partner of Power Sector Reforms Programme. For development of this tool, information was collected from various other sources as well, such as Retail Supply Tariff Orders, True-up Orders and Regulations issued by the Electricity Regulatory Commissions of states and Union Territories.

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.



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# Acronyms

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



<b>MSETCL</b>	Maharashtra State Electricity Transmission Company Limited
<b>MSPCL</b>	Manipur State Power Company Limited
<b>MSPDCL</b>	Manipur State Power Distribution Company Limited
<b>MSPGCL</b>	Maharashtra State Power Generation Company Limited
<b>MVVNL</b>	Madhyanchal Vidyut Vitaran Nigam Limited
<b>NBPDCL</b>	North Bihar Power Distribution Company Limited
<b>NDMC</b>	New Delhi Municipal Council
<b>NDS</b>	Non-Domestic Supply
<b>NESCO</b>	North Eastern Electricity Supply Company of Odisha Limited
<b>O&amp;M</b>	Operations and Maintenance
<b>OHPC</b>	Odisha Hydro Power Corporation Limited
<b>OPGCL</b>	Odisha Power Generation Corporation Limited
<b>OPTCL</b>	Odisha Power Transmission Corporation Limited
<b>P&amp;ED</b>	Power and Electricity Department, Mizoram
<b>PaVVNL</b>	Pashchimanchal Vidyut Vitaran Nigam Limited
<b>PED</b>	Puducherry Electricity Department
<b>PFC</b>	Power Finance Corporation
<b>PGVCL</b>	Paschim Gujarat Vij Company Limited
<b>PPCL</b>	Puducherry Power Corporation Limited
<b>PPCL</b>	Puducherry Power Corporation Ltd
<b>PSPCL</b>	Punjab State Power Corporation Limited
<b>PSPCL</b>	Punjab State Power Corporation Limited
<b>PSR</b>	Power Sector Reforms
<b>PSTCL</b>	Punjab State Transmission Corporation Limited
<b>PTCUL</b>	Power Transmission Corporation of Uttarakhand Limited
<b>PuVVNL</b>	Purvanchal Vidyut Vitaran Nigam Limited
<b>R-APDRP</b>	Restructured Accelerated Power Development and Reforms Programme
<b>RGP</b>	Residential General Purpose
<b>RoCE</b>	Return on Capital Employed
<b>RoE</b>	Return on Equity
<b>RPO</b>	Renewable Purchase Obligation
<b>RRB</b>	Regulated Rate Base
<b>RRVNL</b>	Rajasthan Rajya Vidyut Prasaran Nigam Limited
<b>RRVUNL</b>	Rajasthan Rajya Vidyut Utpadan Nigam Ltd
<b>SAUBHAGYA</b>	Sahaj Bijli Har Ghar Yojana
<b>SBPDCL</b>	South Bihar Power Distribution Company Limited
<b>SERC</b>	State Electricity Regulatory Commission
<b>Sikkim PD</b>	Energy and Power Department, Sikkim
<b>SOUTHCO</b>	Southern Electricity Supply Company of Odisha Limited
<b>TANGEDCO</b>	Tamil Nadu Generation and Distribution Corporation Limited
<b>TANTRANSCO</b>	Tamil Nadu Transmission Corporation Limited
<b>TOD</b>	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
WBPDC	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 18.19% (in 2018-19)<sup>1</sup>; and improvement in India's rank from 142 (in 2014) to 63 (in 2020)<sup>2</sup> on World Bank's Ease of Getting Electricity Ranking, among others.

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<sup>3</sup> in the year 2020. The report "Key Regulatory Parameters of Power Utilities" covers 12 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. This report has been prepared under the Scope of Work (SoW) agreed vide contract with REC Limited ("Client"). The SoW broadly entails KPMG to the Client with periodic update of the parameters captured in report and to include new parameters as per requirement in consultation with the Client.

The information presented in this report has been prepared from various sources, which includes tariff orders, Report on Performance of State Power Utilities (2018-19) published by PFC Ltd., and the Regulatory Tool<sup>4</sup>, among others.

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<sup>1</sup> Source: Performance Report of State Power Utilities (PFC)

<sup>2</sup> Doing Business Report 2020 (World Bank)

<sup>3</sup> The United Kingdom (UK)-India bilateral technical assistance programme titled "Supporting Structural Reforms in the Indian Power Sector" (Power Sector Reforms Programme) is being implemented by UK's Foreign, Commonwealth and Development Office (FCDO) in partnership with the MOP, GOI. The Programme (November 2016- March 2022) is supporting India's energy transition through holistic interventions including structural market reforms. To know more, please access <https://www.psrindia.com/>

<sup>4</sup> The Regulatory Tool (Electricity Regulatory Information Access and Analytics Platform) has been developed under the PSR Programme in association with the Forum of Regulators (FOR). The objective of this tool is to institutionalize the process of regular updates by the regulatory commissions on key issues such as Regulatory Affairs, Consumer Protection, Regulatory Functioning, Planning Effectiveness, etc. It enables better exchange of knowledge and experiences on key operational and financial performance parameters of DISCOMs across states.

## 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 <sup>4</sup>	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.
*A representative tariff for a category would mean Average rate payable per unit by a consumer of that category based on a typical (assumed) monthly consumption and corresponding tariff rate as per the tariff schedule.					
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 Term (wherever specified)	Rs./MW/Month	L1	(Transmission ARR x 10 <sup>7</sup> )/(Total load quantum handled x12)
			Rs. Cr/Month	L2	(Transmission ARR)/12
		Transmission Charges Short	Rs./kWh	L3	(Transmission ARR x 10)/(Total Energy Handled)

		Term	Rs./MW	L4	(Transmission ARR x 10 <sup>7</sup> )/(Total load quantum)
Number of Pending Cases	M	Petitions pending	Nos.	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	Nos.	M2	No. of tariff petitions pending with CERC/SERC/JERC for less than 3 months, 3 to 6 months and more than 6 months
		True-up petitions pending	Nos.	M3	No. of true-up petitions pending with CERC/SERC/JERC for less than 3 months, 3 to 6 months and more than 6 months
		Dispute related cases	Nos.	M4	No. of dispute cases pending with CERC/SERC/JERC for less than 3 months, 3 to 6 months and more than 6 months

**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. 'NA in PFC' denotes Not Available in Report on Performance of State Power Utilities (2018-19) published by PFC Ltd.
6. Change in approved ABR has been rounded off to the nearest whole number.
7. Distribution Losses, Billing Efficiency and Collection Efficiency have been rounded off to 2 decimal places.
8. 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
<b>DISCOMS</b>				
<b>Andhra Pradesh</b>	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 <sup>#</sup>	NA	NA	NA	25-Mar-21
<b>Assam</b>	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
<b>Bihar</b>	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
<b>Chhattisgarh</b>	26-Mar-18	28-Feb-19	30-May-20	Not Issued
CSPDCL	26-Mar-18	28-Feb-19	30-May-20	Not Issued
<b>Delhi</b>	28-Mar-18	31-Jul-19	28-Aug-20	Not Issued
BRPL	28-Mar-18	31-Jul-19	28-Aug-20	Not Issued
BYPL	28-Mar-18	31-Jul-19	28-Aug-20	Not Issued
TPDDL	28-Mar-18	31-Jul-19	28-Aug-20	Not Issued
<b>Gujarat</b>	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
<b>Haryana</b>	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
<b>Jharkhand</b>	27-Apr-18	28-Feb-19	01-Oct-20	Not Issued
JBVNL	27-Apr-18	28-Feb-19	01-Oct-20	Not Issued
<b>Karnataka</b>	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
CHESCOM	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
<b>Madhya Pradesh</b>	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

[\*] 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
- Jammu & Kashmir MYT order for 2016-17 to 2020-21 was issued in October 2016



## Date of Issuance of Tariff Order (Distribution Utilities)

	Date of Issuance of Tariff Order			
	2018-19	2019-20	2020-21	2021-22
MPPaKVVCL	3-May-18	8-Aug-19	17-Dec-20	30-Jun-21
MPPoKVVCL	3-May-18	8-Aug-19	17-Dec-20	30-Jun-21
<b>Maharashtra*</b>	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
<b>Meghalaya*</b>	31-Mar-18	31-Mar-18	25-Mar-20	25-Mar-21
MePDCL	31-Mar-18	31-Mar-18	25-Mar-20	25-Mar-21
<b>Odisha</b>	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
<b>Rajasthan</b>	28-May-18	6-Feb-20	Not Issued	Not Issued
AVVNL	28-May-18	6-Feb-20	Not Issued	Not Issued
JdVVNL	28-May-18	6-Feb-20	Not Issued	Not Issued
JVVNL	28-May-18	6-Feb-20	Not Issued	Not Issued
<b>Telangana</b>	27-Mar-18	Not Issued	Not Issued	Not Issued
TSNPDCL	27-Mar-18	Not Issued	Not Issued	Not Issued
TSSPDCL	27-Mar-18	Not Issued	Not Issued	Not Issued
<b>Uttar Pradesh</b>	22-Jan-19	3-Sep-19	11-Nov-20	Not Issued
DVVNL	22-Jan-19	3-Sep-19	11-Nov-20	Not Issued
KESCO	22-Jan-19	3-Sep-19	11-Nov-20	Not Issued
MVVNL	22-Jan-19	3-Sep-19	11-Nov-20	Not Issued
PaVVNL	22-Jan-19	3-Sep-19	11-Nov-20	Not Issued
PuVVNL	22-Jan-19	3-Sep-19	11-Nov-20	Not Issued
<b>Uttarakhand</b>	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
<b>GEDCO/Integrated Utilities</b>				
<b>Himachal Pradesh</b>	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
<b>Kerala*</b>	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
<b>Manipur</b>	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
<b>Punjab</b>	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
<b>Tamil Nadu*</b>	11-Aug-17	Not Issued	Not Issued	Not Issued

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- 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
- Jammu & Kashmir MYT order for 2016-17 to 2020-21 was issued in October 2016

## Date of Issuance of Tariff Order (Distribution Utilities)

	Date of Issuance of Tariff Order			
	2018-19	2019-20	2020-21	2021-22
TANGEDCO	11-Aug-17	Not Issued	Not Issued	Not Issued
<b>Tripura*</b>	1-Sep-20	1-Sep-20	1-Sep-20	Not Issued
TSECL	1-Sep-20	1-Sep-20	1-Sep-20	Not Issued
<b>West Bengal</b>	Not Issued	Not Issued	Not Issued	Not Issued
WBSEDCL	Not Issued	Not Issued	Not Issued	Not Issued
<b>Power Departments</b>				
<b>Arunachal Pradesh</b>	31-May-18	Not Issued	Not Issued	Not Issued
Arunachal PD	31-May-18	Not Issued	Not Issued	Not Issued
<b>Goa</b>	28-Mar-18	20-May-19	19-May-20	30-Mar-21
Goa PD	28-Mar-18	20-May-19	19-May-20	30-Mar-21
<b>Jammu &amp; Kashmir*</b>	7-Oct-16	7-Oct-16	7-Oct-16	Not Issued
JKPDD	7-Oct-16	7-Oct-16	7-Oct-16	Not Issued
<b>Mizoram</b>	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
<b>Nagaland</b>	29-Mar-18	23-Apr-19	20-Mar-20	Not Issued
Nagaland PD	29-Mar-18	23-Apr-19	20-Mar-20	Not Issued
<b>Puducherry</b>	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
<b>Sikkim</b>	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
<b>Union Territories</b>				
<b>Andaman &amp; Nicobar</b>	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
<b>Chandigarh</b>	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
<b>Dadra &amp; Nagar Haveli</b>	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
<b>Daman &amp; Diu</b>	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
<b>Lakshadweep</b>	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

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- Kerala MYT order for 2018-19 to 2021-22 was issued in July 2019
- Jammu & Kashmir MYT order for 2016-17 to 2020-21 was issued in October 2016

## Date of Issuance of Tariff Order (Distribution Utilities)

**Notes:**

- A. Dates updated as on 30<sup>th</sup> June 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 1<sup>st</sup> April 2020.

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

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- Kerala MYT order for 2018-19 to 2021-22 was issued in July 2019
- Jammu & Kashmir MYT order for 2016-17 to 2020-21 was issued in October 2016

## Date of Issuance of Tariff Order (Transmission Utilities)

	Date of Issuance of Tariff Order	
	Applicable Period	Date of Issuance
<b>TRANSCO</b>		
<b>Andhra Pradesh</b>	2020-24	8-Mar-19
APTRANSCO	2020-24	8-Mar-19
<b>Assam</b>	2021-22	15-Feb-21
AEGCL	2021-22	15-Feb-21
<b>Bihar</b>	2021-22	19-Mar-21
BSPTCL	2021-22	19-Mar-21
<b>Chhattisgarh</b>	2017-21	30-Apr-16
CSPTCL	2017-21	30-Apr-16
<b>Delhi</b>	2020-21	28-Aug-20
DTL	2020-21	28-Aug-20
<b>Gujarat</b>	2021-22	30-Mar-21
GETCO	2021-22	30-Mar-21
<b>Haryana</b>	2021-25	21-May-20
HVPNL	2021-25	21-May-20
<b>Himachal Pradesh</b>	2019-24	29-Jun-21
HPPTCL	2019-24	29-Jun-21
<b>Jharkhand</b>	2017-21	24-Feb-18
JUSNL	2017-21	24-Feb-18
<b>Karnataka</b>	2021-22	9-Jun-21
KPTCL	2021-22	9-Jun-21
<b>Kerala</b>	2019-22	8-Jul-19
KSEB	2019-22	8-Jul-19
<b>Madhya Pradesh</b>	2017-19	10-Jun-16
MPPTCL	2017-19	10-Jun-16
<b>Maharashtra</b>	2021-25	30-Mar-20
MSETCL	2021-25	30-Mar-20
<b>Manipur</b>	2021-22	26-Apr-21
MSPCL	2021-22	26-Apr-21
<b>Meghalaya</b>	2022-24	25-Mar-21
MePTCL	2022-24	25-Mar-21
<b>Odisha</b>	2021-22	26-Mar-21
OPTCL	2021-22	26-Mar-21
<b>Punjab</b>	2021-22	28-May-21
PSTCL	2021-22	28-May-21
<b>Rajasthan</b>	2020-21	12-Oct-20
RRVPNL	2020-21	12-Oct-20
<b>Tamil Nadu</b>	2017-19	11-Aug-17
TANTRANSCO	2017-19	11-Aug-17
<b>Telangana</b>	2020-24	20-Mar-20
TSTRANSCO	2020-24	20-Mar-20



## Date of Issuance of Tariff Order (Transmission Utilities)

	Date of Issuance of Tariff Order	
	Applicable Period	Date of Issuance
<b>Tripura</b>	2017-21	1-Sep-21
TSECL	2017-21	1-Sep-21
<b>Uttar Pradesh</b>	2020-21	10-Nov-21
UPPTCL	2020-21	10-Nov-21
<b>Uttarakhand</b>	2021-22	26-Apr-21
PTCUL	2021-22	26-Apr-21
<b>West Bengal</b>	2021-23	25-Jun-21
WBSETCL	2021-23	25-Jun-21
<b>Power Departments</b>		
<b>Arunachal Pradesh</b>	2018-19	7-Jun-19
Arunachal PD	2018-19	7-Jun-19
<b>Jammu &amp; Kashmir</b>	2015-16	27-Feb-15
JKPDD-T	2015-16	27-Feb-15
<b>Union Territories</b>		
<b>Dadra &amp; Nagar Haveli</b>	2021-22	23-Mar-21
DNHPDCL	2021-22	23-Mar-21

### Notes:

- A. For the state of Mizoram, 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
<b>Genco</b>		
<b>Andhra Pradesh</b>	2020-24	29-Apr-19
APGENCO	2020-24	29-Apr-19
<b>Assam</b>	2021-22	15-Feb-21
APGCL	2021-22	15-Feb-21
<b>Bihar</b>	2018-19	7-Mar-18
BSPGCL	2018-19	7-Mar-18
<b>Chhattisgarh</b>	2017-21	30-Apr-16
CSPGCL	2017-21	30-Apr-16
<b>Delhi</b>	2020-21	28-Aug-20
IPGCL	2020-21	28-Aug-20
PPCL	2020-21	28-Aug-20
<b>Gujarat</b>	2021-22	30-Mar-21
GSECL	2021-22	30-Mar-21
<b>Haryana</b>	2020-21	24-Apr-20
HPGCL	2020-21	24-Apr-20
<b>Himachal Pradesh</b>	2015-19	10-Jun-14
HPSEB Ltd.	2015-19	10-Jun-14
<b>Jharkhand</b>	2017-21	25-Sep-18
JUUNL	2017-21	25-Sep-18
<b>Karnataka<sup>2</sup></b>	2011-36	25-Feb-15
KPCL	2011-36	25-Feb-15
<b>Kerala</b>	2019-22	8-Jul-19
KSEB	2019-22	8-Jul-19
<b>Madhya Pradesh</b>	2014-16	1-Apr-13
MPPGCL	2014-16	1-Apr-13
<b>Maharashtra</b>	2021-25	1-Mar-21
MSPGCL	2021-25	1-Mar-21
<b>Meghalaya</b>	2022-24	25-Mar-21
MePGCL	2022-24	25-Mar-21
<b>Odisha</b>	2021-22	26-Mar-21
OHPC	2021-22	26-Mar-21
OPGCL	2021-22	26-Mar-21
<b>Punjab</b>	2021-22	28-May-21
PSPCL	2021-22	28-May-21
<b>Rajasthan</b>	2020-21	11-Sep-20
RRVUNL	2020-21	11-Sep-20
<b>Tamil Nadu</b>	2017-19	11-Aug-17
TANGEDCO	2017-19	11-Aug-17
<b>Telangana</b>	2014-19	5-Jun-17
TSGENCO	2014-19	5-Jun-17

## Date of Issuance of Tariff Order (Generation Utilities)

	Date of Issuance of Tariff Order	
	Applicable Period	Date of Issuance
<b>Tripura</b>	2017-21	1-Sep-21
TPGL	2017-21	1-Sep-21
<b>Uttar Pradesh</b>	2015-19	3-Jul-18 & 29-Apr-16
UPJVNL	2015-19	3-Jul-18
UPRVUNL	2015-19	29-Apr-16
<b>Uttarakhand</b>	2020-22	27-Feb-19
UJVNL	2020-22	27-Feb-19
<b>West Bengal</b>	2017-18	13-Sep-18 & 4-Jul-18
WBPDCL	2017-18	13-Sep-18
WBSEDCL	2017-18	4-Jul-18
<b>Power Departments</b>		
<b>Arunachal Pradesh</b>	2019-20	20-Dec-19
Arunachal PD	2019-20	20-Dec-19
<b>Jammu &amp; Kashmir</b>	2015-16	27-Feb-15
JKSPDC	2015-16	27-Feb-15
<b>Puducherry</b>	2021-22	17-Apr-21
PPCL	2021-22	17-Apr-21

### Notes:

- A. For the state of Mizoram, 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
- B. 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
	Distribution Losses (Approved)	Distribution Losses (Actual)	Billing Efficiency	Collection Efficiency	Distribution Losses (Approved)	Distribution Losses (Approved)	Distribution Losses (Approved)
<b>DISCOMs</b>							
<b>Andhra Pradesh</b>	9.14	7.70	92.30	80.53	8.80	8.77	8.33
APEPDCL	8.49	6.68	93.32	87.37	8.21	8.30	7.62
APSPDCL	9.51	8.26	91.74	76.67	9.15	9.05	9.10
APCPDCL <sup>C</sup>	NA	NA in PFC	NA in PFC	NA in PFC	NA	NA	8.17
<b>Assam</b>	16.85	19.70	80.30	99.80	16.00	15.50	15.00
APDCL	16.85	19.70	80.30	99.80	16.00	15.50	15.00
<b>Bihar</b>	21.11	30.16	69.84	98.88	15.00	15.00	15.00
NBPDCL	20.00	26.97	73.03	97.42	15.00	15.00	15.00
SBPDCL	22.00	32.42	67.58	100.00	15.00	15.00	15.00
<b>Chhattisgarh</b>	14.64	18.15	81.85	88.79	14.73	13.96	--
CSPDCL	14.64	18.15	81.85	88.79	14.73	13.96	--
<b>Delhi</b>	9.91	8.62	91.38	99.50	9.24	8.25	--
BRPL	10.19	8.73	91.27	99.67	9.50	8.10	--
BYPL	11.69	9.33	90.67	98.87	10.50	9.00	--
TPDDL	8.19	7.93	92.07	99.74	8.00	7.90	--
<b>Gujarat</b>	13.57	13.44	86.56	99.38	12.62	12.21	10.75
DGVCL	10.00	5.90	94.10	100.00	9.90	9.80	6.50
MGVCL	11.70	9.41	90.59	99.56	11.60	11.55	9.00
PGVCL	20.00	20.50	79.50	99.12	17.00	16.00	16.00
UGVCL	9.80	11.20	88.80	99.10	9.70	9.60	9.00
<b>Haryana</b>	16.52	18.08	81.92	100.00	14.14	18.44 <sup>1</sup>	15.00
DHBVNL	14.14	15.34	84.66	100.00	14.14	16.53	15.00
UHBVNL	20.00	22.04	77.96	100.00	14.14	21.23	15.00
<b>Jharkhand</b>	15.00	22.89	77.11	92.59	14.00	13.00	--
JBVNL	15.00	22.89	77.11	92.59	14.00	13.00	--
<b>Karnataka</b>	13.03	12.87	87.13	92.02	12.95	12.24	11.27
BESCOM	12.25	12.27	87.73	95.99	12.25	11.65	11.00
CHESCOM	12.75	12.04	87.96	91.19	12.70	11.50	10.75
GESCOM	15.00	14.41	85.59	84.85	14.89	14.00	10.75
HESCOM	14.90	14.62	85.38	87.90	14.40	14.00	13.50
MESCOM	10.95	10.52	89.48	91.52	11.00	10.00	9.27
<b>Madhya Pradesh</b>	15.91	27.58	72.42	88.36	15.92	15.93	15.55
MPMaKVVCL	17.00	36.72	63.28	87.08	17.00	17.00	17.00
MPPaKVVCL	15.00	16.17	83.83	90.96	15.00	15.00	14.00
MPPoKVVCL	16.00	30.57	69.43	86.02	16.00	16.00	16.00
<b>Maharashtra</b>	14.76	14.73	85.27	100.00	13.26	18.00 <sup>2</sup>	16.00
MSEDCL	14.76	14.73	85.27	100.00	13.26	18.00	16.00
<b>Meghalaya</b>	16.56	35.22	64.78	100.00	12.19	12.00	12.00

## Distribution Losses, Billing and Collection Efficiency

(Figures in %)

	2018-19				2019-20	2020-21	2021-22
	Distribution Losses (Approved)	Distribution Losses (Actual)	Billing Efficiency	Collection Efficiency	Distribution Losses (Approved)	Distribution Losses (Approved)	Distribution Losses (Approved)
MePDCL	16.56	35.22	64.78	100.00	12.19	12.00	12.00
<b>Odisha</b>	21.24	24.30	75.70	93.57	21.28	21.16	21.17
TPCODL	23.00	28.15	71.85	93.96	23.00	23.00	22.93
NESCO Utility	18.35	18.74	81.26	94.73	18.35	18.35	18.35
TPSODL	25.50	29.76	70.24	85.31	25.50	25.00	25.00
TPWODL	19.60	21.32	78.68	95.81	19.60	19.60	19.60
<b>Rajasthan</b>	15.00	20.72	79.28	90.49	15.00	--	--
AVVNL	15.00	18.03	81.97	93.68	15.00	--	--
JdVVNL	15.00	23.12	76.88	84.39	15.00	--	--
JVVNL	15.00	20.54	79.46	93.21	15.00	--	--
<b>Telangana<sup>5</sup></b>	11.11	6.08	93.92	85.18	--	--	--
TSNPDCL	11.77	9.90	90.10	79.09	--	--	--
TSSPDCL	10.81	4.34	95.66	87.78	--	--	--
<b>Uttar Pradesh</b>	15.89	18.68	81.32	82.21	11.96	11.54	--
DVVNL	16.25	20.96	79.04	79.55	12.10	11.80	--
KESCO	15.13	8.51	91.49	92.76	11.80	8.42	--
MVVNL	16.09	21.59	78.41	75.71	11.80	11.51	--
PaVVNL	15.20	14.83	85.17	91.26	11.80	11.51	--
PuVVNL	16.43	20.49	79.51	75.91	12.20	11.83	--
<b>Uttarakhand</b>	14.50	13.82	86.18	97.24	14.25	14.00	13.75
UPCL	14.50	13.82	86.18	97.24	14.25	14.00	13.75
<b>GEDCO/ Integrated Utilities</b>							
<b>Himachal Pradesh<sup>8</sup></b>	12.00	11.39	88.61	100.00	10.30	10.10	9.90
HPSEBL	12.00	11.39	88.61	100.00	10.30	10.10	9.90
<b>Kerala<sup>8</sup></b>	12.82	9.10	90.90	100.00	12.42	12.02	11.62
KSEBL	12.82	9.10	90.90	100.00	12.42	12.02	11.62
<b>Manipur</b>	16.40	25.86	74.14	94.71	15.00	25.40 <sup>3</sup>	20.50
MSPDCL	16.40	25.86	74.14	94.71	15.00	25.40	20.50
<b>Punjab</b>	11.89	11.28	88.72	100.00	11.54	11.24	12.34 <sup>9</sup>
PSPCL	11.89	11.28	88.72	100.00	11.54	11.24	12.34 <sup>9</sup>
<b>Tamil Nadu<sup>5</sup></b>	13.53	16.53	83.47	99.10	--	--	--
TANGEDCO	13.53	16.53	83.47	99.10	--	--	--
<b>Tripura</b>	32.55	31.68	68.32	94.43	17.02	15.79	--
TSECL	32.55	31.68	68.32	94.43	17.02	15.79	--
<b>West Bengal</b>	--	23.00	77.00	100.00	--	--	--
WBSEDCL	--	23.00	77.00	100.00	--	--	--
<b>Power Departments</b>							
<b>Arunachal Pradesh<sup>6</sup></b>	38.00	55.50	44.50	100.00	--	--	--
Arunachal PD	38.00	55.50	44.50	100.00	--	--	--
<b>Goa</b>	10.75	11.26	88.74	95.00	10.75	10.50	10.25



## Distribution Losses, Billing and Collection Efficiency

(Figures in %)

	2018-19				2019-20	2020-21	2021-22
	Distribution Losses (Approved)	Distribution Losses (Actual)	Billing Efficiency	Collection Efficiency	Distribution Losses (Approved)	Distribution Losses (Approved)	Distribution Losses (Approved)
Goa PD	10.75	11.26	88.74	95.00	10.75	10.50	10.25
<b>Jammu &amp; Kashmir<sup>7</sup></b>	25.00	39.00	61.00	82.06	15.00	14.00	--
JKPDD	25.00	39.00	61.00	82.06	15.00	14.00	--
<b>Mizoram</b>	18.30	16.20	83.80	100.00	16.52	26.29 <sup>4</sup>	18.16
Mizoram PD	18.30	16.20	83.80	100.00	16.52	26.29	18.16
<b>Nagaland</b>	21.50	25.00	75.00	79.92	21.00	20.75	--
Nagaland PD	21.50	25.00	75.00	79.92	21.00	20.75	--
<b>Puducherry</b>	11.00	13.27	86.73	89.65	12.50	11.75	11.00
Puducherry PD	11.00	13.27	86.73	89.65	12.50	11.75	11.00
<b>Sikkim</b>	24.00	29.80	70.20	97.11	22.00	20.00	20.00
Sikkim PD	24.00	29.80	70.20	97.11	22.00	20.00	20.00
<b>Union Territories</b>							
<b>Andaman &amp; Nicobar<sup>8</sup></b>	13.59	NA in PFC	NA in PFC	NA in PFC	14.34	13.84	13.34
ED Andaman & Nicobar	13.59	NA in PFC	NA in PFC	NA in PFC	14.34	13.84	13.34
<b>Chandigarh</b>	12.25	NA in PFC	NA in PFC	NA in PFC	9.40	9.30	9.20
Chandigarh ED	12.25	NA in PFC	NA in PFC	NA in PFC	9.40	9.30	9.20
<b>Dadra &amp; Nagar Haveli</b>	4.70	NA in PFC	NA in PFC	NA in PFC	4.30	4.20	4.10
DNHPDCL	4.70	NA in PFC	NA in PFC	NA in PFC	4.30	4.20	4.10
<b>Daman &amp; Diu</b>	8.30	NA in PFC	NA in PFC	NA in PFC	6.70	6.60	6.50
Daman & Diu ED	8.30	NA in PFC	NA in PFC	NA in PFC	6.70	6.60	6.50
<b>Lakshadweep<sup>8</sup></b>	12.25	NA in PFC	NA in PFC	NA in PFC	12.75	12.50	12.25
Lakshadweep ED	12.25	NA in PFC	NA in PFC	NA in PFC	12.75	12.50	12.25

**Notes:**

- A. Actual values are as per Report on Performance of State Power Utilities (2018-19) published by PFC Ltd.
- B. Approved Values are as per tariff order issued by the respective State Electricity Regulatory Commission (SERCs) or Joint Electricity Regulatory Commissions (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 1<sup>st</sup> April 2020
- D. State level aggregation is based on average of DISCOM level values weighted against corresponding energy sales.

**Remarks:**

1. In Haryana, the commission has approved higher distribution losses for FY 2021 due to the impact COVID envisaged on sales wherein low loss HT, NDS and LT sales are expected to

## Distribution Losses, Billing and Collection Efficiency

(Figures in %)

witness negative growth while comparatively higher loss DS Sales is expected to register normal growth.

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. In Manipur, the Commission has approved distribution losses (for 2020-21) on the basis of actual distribution losses (as submitted by MSPDCL).
4. In Mizoram, approved distribution losses have increased in 2020-21 mainly on account of re-assessment of distribution losses carried out by the Commission on the basis of a detailed energy audit. The Commission has also revised approved losses for 2019-20 during the Annual Performance Review.
5. For the state of Telangana and Tamil Nadu, approved distribution losses for 2019-20 and 2020-21 are as mentioned in the MYT 2018-19.
6. For the state of Arunachal Pradesh, AT&C loss values have been considered as mentioned in the tariff order 2018-19.
7. For Jammu and Kashmir, approved distribution losses (for 2018-19, 2019-20, and 2020-21) are as per ARR for 2nd MYT control period from FY 2016-17 to FY 2020-21
8. For Himachal Pradesh, Kerala, Andaman & Nicobar and Lakshadweep, T&D loss values have been considered as mentioned in the respective tariff order.
9. Distribution loss has increased from FY 2021 to FY 2022, as for FY 2021 the same was based on provisional distribution loss for FY 2019 as baseline whereas for FY 2022 it is based on actual distribution loss for FY 2019 as baseline (Punjab).



## SECTION 3

# AVERAGE BILLING RATE

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## Average Billing Rate

(Figures in Rs/kWh)

	2018-19		2019-20	2020-21	2021-22
	Approved	Actual*	Approved	Approved	Approved
<b>DISCOMS</b>					
<b>Andhra Pradesh</b>	5.84	6.11	5.99	6.50	6.33
APEPDCL	5.77	5.67	5.81	6.41	6.39
APSPDCL	5.89	6.36	6.09	6.75	6.13
APCPDCL <sup>C</sup>	NA	NA in PFC	NA	NA	6.59
<b>Assam<sup>2</sup></b>	7.35	6.98	7.05	7.87	7.55
APDCL	7.35	6.98	7.05	7.87	7.55
<b>Bihar<sup>5</sup></b>	7.37	6.73	7.14	7.05	7.38
NBPDCL	7.06	6.55	6.85	6.94	7.21
SBPDCL	7.62	6.88	7.41	7.16	7.53
<b>Chhattisgarh</b>	6.20	5.40	6.07	5.93	--
CSPDCL	6.20	5.40	6.07	5.93	--
<b>Delhi</b>	7.56	7.39	7.16	7.41	--
BRPL	7.52	7.84	7.11	7.41	--
BYPL	7.47	7.43	6.98	7.05	--
TPDDL	7.67	6.82	7.36	7.69	--
<b>Gujarat<sup>6</sup></b>	5.85	5.85	5.81	5.87	6.23
DGVCL	6.61	6.61	6.57	6.64	6.92
MGVCL	6.26	5.99	6.06	6.11	6.52
PGVCL	5.61	5.80	5.66	5.72	6.15
UGVCL	5.20	5.23	5.25	5.32	5.56
<b>Haryana<sup>4</sup></b>	7.06	6.59	7.05	7.23	6.78
DHBVNL	7.06	5.77	7.05	10.00	6.78
UHBVNL	7.06	7.86	7.05	10.00	6.78
<b>Jharkhand</b>	5.86	5.72	6.32	6.53	--
JBVNL	5.86	5.72	6.32	6.53	--
<b>Karnataka</b>	6.75	6.72	7.20	7.93	8.12
BESCOM	6.80	6.92	7.37	8.30	8.42
CHESCOM	6.37	6.35	6.93	7.46	7.61
GESCOM	6.74	6.73	7.02	7.64	7.74
HESCOM	6.80	6.47	7.08	7.76	8.00
MESCOM	6.86	6.65	7.13	7.28	7.94
<b>Madhya Pradesh</b>	6.03	6.35	6.59	6.51	6.60
MPMaKVVCL	6.08	6.44	6.69	6.26	7.31
MPPaKVVCL	6.02	6.46	6.53	6.64	5.80
MPPoKVVCL	6.00	6.10	6.57	6.60	6.85
<b>Maharashtra</b>	6.58	6.48	6.80	7.28	7.26
MSEDCL	6.58	6.48	6.80	7.28	7.26
<b>Meghalaya<sup>7</sup></b>	6.54	4.98	--	6.76	6.26
MePDCL	6.54	4.98	--	6.76	6.26
<b>Odisha<sup>8</sup></b>	4.69	5.10	4.77	4.82	5.29

## Average Billing Rate

(Figures in Rs/kWh)

	2018-19		2019-20	2020-21	2021-22
TPCODL	4.74	5.24	4.80	4.90	5.36
NESCO Utility	4.81	5.10	4.86	4.90	5.30
TPSODL	4.30	4.65	4.40	4.43	4.95
TPWODL	4.70	5.14	4.85	4.86	5.36
<b>Rajasthan</b>	6.96	6.05	7.90	--	--
AVVNL	7.18	6.24	8.51	--	--
JdVVNL	6.44	5.89	7.05	--	--
JVVNL	7.27	6.04	8.16	--	--
<b>Telangana</b>	6.08	5.14	--	--	--
TSNPDCL	6.48	5.36	--	--	--
TSSPDCL	5.90	5.05	--	--	--
<b>Uttar Pradesh</b>	6.91	6.52	7.38	7.55	--
DVVNL	6.61	6.34	6.60	7.28	--
KESCO	7.77	7.72	8.16	8.27	--
MVVNL	7.06	7.33	7.99	7.75	--
PaVVNL	6.90	6.12	7.28	7.49	--
PuVVNL	6.95	6.42	7.58	7.58	--
<b>Uttarakhand<sup>9</sup></b>	5.06	4.79	5.32	5.61	5.80
UPCL	5.06	4.79	5.32	5.61	5.80
<b>GEDCO/ Integrated Utilities</b>					
<b>Himachal Pradesh</b>	5.34	5.53	5.36	5.18	5.18
HPSEBL	5.34	5.53	5.36	5.18	5.18
<b>Kerala<sup>1</sup></b>	N/A	5.79	6.55	N/A	N/A
KSEBL	N/A	5.79	6.55	N/A	N/A
<b>Manipur</b>	10.88	7.12	9.31	9.11	11.72
MSPDCL	10.88	7.12	9.31	9.11	11.72
<b>Punjab</b>	6.39	6.44	6.54	6.50	6.44
PSPCL	6.39	6.44	6.54	6.50	6.44
<b>Tamil Nadu</b>	6.14	5.73	--	--	--
TANGEDCO	6.14	5.73	--	--	--
<b>Tripura</b>	4.80	5.03	4.85	4.90	--
TSECL	4.80	5.03	4.85	4.90	--
<b>West Bengal</b>	--	6.46	--	--	--
WBSEDCL	--	6.46	--	--	--
<b>Power Departments</b>					
<b>Arunachal Pradesh</b>	13.30	6.20	--	--	--
Arunachal PD	13.30	6.20	--	--	--
<b>Goa</b>	5.36	4.90	5.56	5.57	5.63
Goa PD	5.36	4.90	5.56	5.57	5.63
<b>Jammu &amp; Kashmir</b>	N/A	4.44	N/A	N/A	--
JKPDD	N/A	4.44	N/A	N/A	--
<b>Mizoram</b>	6.36	7.49	5.86	8.85	7.65

## Average Billing Rate

(Figures in Rs/kWh)

	2018-19		2019-20	2020-21	2021-22
Mizoram PD	6.36	7.49	5.86	8.85	7.65
<b>Nagaland</b>	8.29	7.32	8.67	10.19	--
Nagaland PD	8.29	7.32	8.67	10.19	--
<b>Puducherry<sup>10</sup></b>	5.46	5.53	5.92	5.85	5.82
Puducherry PD	5.46	5.53	5.92	5.85	5.82
<b>Sikkim</b>	4.90	3.90	4.26	4.15	4.44
Sikkim PD	4.90	3.90	4.26	4.15	4.44
<b>Union Territories</b>					
<b>Andaman &amp; Nicobar</b>	17.99	NA in PFC	25.36	27.39	29.47
ED Andaman & Nicobar	17.99	NA in PFC	25.36	27.39	29.47
<b>Chandigarh<sup>11</sup></b>	5.47	NA in PFC	5.44	5.53	5.10
Chandigarh ED	5.47	NA in PFC	5.44	5.53	5.10
<b>Dadra &amp; Nagar Haveli</b>	4.68	NA in PFC	4.69	5.37	5.11
DNHPDCL	4.68	NA in PFC	4.69	5.37	5.11
<b>Daman &amp; Diu</b>	3.99	NA in PFC	4.18	4.90	4.90
Daman & Diu ED	3.99	NA in PFC	4.18	4.90	4.90
<b>Lakshadweep</b>	19.56	NA in PFC	25.66	27.55	31.51
Lakshadweep ED	19.56	NA in PFC	25.66	27.55	31.51

**Notes:**

- A. Actual values are as per Report on Performance of State Power Utilities (2018-19) 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 1<sup>st</sup> April 2020
- D. State level aggregation is based on average of DISCOM level values weighted against corresponding energy sales.
- E. Average billing rate has been estimated by dividing revenue from sale of power at approved tariff and approved subsidy with estimated energy sale.
- F. ABR values include subsidy booked
- G. Actual values of ABR for UTs is not available as per the Report on Performance of State Power Utilities (2018-19) published by PFC Ltd. This has been marked as NA in PFC notation.

**Remarks:**

1. For the state of Kerala, ABR values are not available as revenue from sale of power at approved tariff is not provided in case of MYT orders
2. For the state of Assam, the commission has approved full cost tariff in the absence of written communication for tariff subsidy in 2021-22 tariff order



## Average Billing Rate

(Figures in Rs/kWh)

3. For the state of Gujarat, approved revenue from FPPPA charges have been added in the revenue from sale of power at approved tariff. The base FPPPA rate approved by commission is Rs. 1.8/kWh for 2021-22
4. For the state of Haryana, DISCOM wise breakup of revenue from sale of power at approved tariff is not available in tariff order. Hence, revenue for the DISCOMs have been estimated as percentage proportion of total sales for 2018-19 to 2021-22
5. For NBPDCCL (Bihar), ABR is greater than ACoS by Rs 1.17/kWh in 2021-22. This is mainly on account of a significant revenue surplus of Rs.1425 Cr resulting from true up of 2019-20.
6. For the state of Gujarat, ABR is greater than ACoS by Rs.0.10/kWh in 2021-22. Commission has approved a cumulative revenue surplus of Rs. 1718 Cr. while determining ARR for 2021-22. Further the commission has not provided any treatment for this revenue surplus since this is on estimate basis.
7. For the state of Meghalaya, ABR is greater than ACoS by Rs 0.32/kWh in 2021-22. Commission has approved a revenue surplus of Rs.47.39 Crore based on existing tariffs.
8. For TPWODL (Odisha), ABR is greater than ACoS by Rs. 0.11/kWh in 2021-22. Commission has approved a revenue surplus of Rs 74.23 Crore at revised tariff for 2021-22
9. For Uttarakhand, ABR is greater than ACoS by Rs 0.04/kWh in 2021-22. Commission has approved surplus of Rs. 60 Cr.in order to absorb any future impact of tariff rationalization measures approved by the commission.
10. For Puducherry, ABR is greater than ACoS by Rs 0.04/kWh in 2021-22. This is on account of revenue surplus of Rs 11.18 Cr approved by the Commission based on revised tariffs for FY 2021-22. Additionally, the commission has revised the regulatory surcharge rates to 5% in order to recover past year revenue gap of Rs. 371.72 Cr.
11. For Chandigarh, ABR is greater than ACoS by Rs 0.05/kWh in 2021-22. The Commission has approved a revenue surplus of Rs 8.12 Cr for 2021-22 despite a 9.58% decrease in tariff across all categories.

## Change in Average Billing Rate

(Figures in %)

	YoY change in ABR (incl. tariff subsidy)			
	2018-19	2019-20	2020-21	2021-22
<b>DISCOMS</b>				
<b>Andhra Pradesh</b>	5%	2%	9%	(3%)
APEPDCL	5%	1%	10%	0%
APSPDCL	6%	3%	11%	(9%)
APCPDCL <sup>B</sup>	NA	NA	NA	NA
<b>Assam</b>	(1%)	(4%)	12%	(4%)
APDCL	(1%)	(4%)	12%	(4%)
<b>Bihar</b>	4%	(3%)	(1%)	5%
NBPDCL	1%	(3%)	1%	4%
SBPDCL	5%	(3%)	(3%)	5%
<b>Chhattisgarh</b>	(4%)	(2%)	(2%)	--
CSPDCL	(4%)	(2%)	(2%)	--
<b>Delhi</b>	0%	(5%)	3%	--
BRPL	2%	(5%)	4%	--
BYPL	1%	(7%)	1%	--
TPDDL	(3%)	(4%)	4%	--
<b>Gujarat</b>	1%	(1%)	1%	6%
DGVCL	1%	(1%)	1%	4%
MGVCL	1%	(3%)	1%	7%
PGVCL	1%	1%	1%	8%
UGVCL	1%	1%	1%	5%
<b>Haryana</b>	(1%)	0%	3%	(6%)
DHBVNL	(1%)	0%	42%	(32%)
UHBVNL	(1%)	0%	42%	(32%)
<b>Jharkhand</b>	42%	8%	3%	--
JBVNL	42%	8%	3%	--
<b>Karnataka</b>	5%	7%	10%	2%
BESCOM	5%	8%	13%	1%
CHESCOM	3%	9%	8%	2%
GESCOM	7%	4%	9%	1%
HESCOM	6%	4%	10%	3%
MESCOM	5%	4%	2%	9%
<b>Madhya Pradesh</b>	(3%)	9%	(1%)	1%
MPMaKVVCL	(5%)	10%	(6%)	17%
MPPaKVVCL	(2%)	8%	2%	(13%)
MPPoKVVCL	(3%)	9%	0%	4%
<b>Maharashtra</b>	2%	3%	7%	0%
MSEDCL	2%	3%	7%	0%
<b>Meghalaya</b>	3%	N/A	N/A	(7%)
MePDCL	3%	N/A	N/A	(7%)
<b>Odisha</b>	0%	2%	1%	10%

## Change in Average Billing Rate

(Figures in %)

	YoY change in ABR (incl. tariff subsidy)			
	2018-19	2019-20	2020-21	2021-22
TPCODL	0%	1%	2%	9%
NESCO Utility	0%	1%	1%	8%
TPSODL	2%	2%	1%	12%
TPWODL	(2%)	3%	0%	10%
<b>Rajasthan</b>	0%	14%	--	--
AVVNL	(1%)	19%	--	--
JdVVNL	0%	9%	--	--
JVVNL	0%	12%	--	--
<b>Telangana</b>	2%	--	--	--
TSNPDCL	1%	--	--	--
TSSPDCL	2%	--	--	--
<b>Uttar Pradesh</b>	11%	7%	2%	--
DVVNL	4%	0%	10%	--
KESCO	6%	5%	1%	--
MVVNL	12%	13%	(3%)	--
PaVVNL	6%	5%	3%	--
PuVVNL	23%	9%	0%	--
<b>Uttarakhand</b>	3%	5%	5%	3%
UPCL	3%	5%	5%	3%
<b>GEDCO/Integrated Utilities</b>				
<b>Himachal Pradesh</b>	1%	0%	(3%)	0%
HPSEBL	1%	0%	(3%)	0%
<b>Kerala</b>	N/A	N/A	N/A	N/A
KSEBL	N/A	N/A	N/A	N/A
<b>Manipur</b>	30%	(14%)	(2%)	29%
MSPDCL	30%	(14%)	(2%)	29%
<b>Punjab</b>	4%	2%	(1%)	(1%)
PSPCL	4%	2%	(1%)	(1%)
<b>Tamil Nadu</b>	5%	--	--	--
TANGEDCO	5%	--	--	--
<b>Tripura</b>	0%	1%	1%	--
TSECL	0%	1%	1%	--
<b>West Bengal</b>	--	--	--	--
WBSEDCL	--	--	--	--
<b>Power Departments</b>				
<b>Arunachal Pradesh</b>	37%	--	--	--
Arunachal PD	37%	--	--	--
<b>Goa</b>	1%	4%	0%	1%
Goa PD	1%	4%	0%	1%
<b>Jammu &amp; Kashmir</b>	N/A	N/A	N/A	N/A

## Change in Average Billing Rate

(Figures in %)

	YoY change in ABR (incl. tariff subsidy)			
	2018-19	2019-20	2020-21	2021-22
JKPDD	N/A	N/A	N/A	N/A
<b>Mizoram</b>	12%	(8%)	51%	(14%)
Mizoram PD	12%	(8%)	51%	(14%)
<b>Nagaland</b>	1%	5%	18%	--
Nagaland PD	1%	5%	18%	--
<b>Puducherry</b>	4%	8%	(1%)	0%
Puducherry PD	4%	8%	(1%)	0%
<b>Sikkim</b>	2%	(13%)	(3%)	7%
Sikkim PD	2%	(13%)	(3%)	7%
<b>Union Territories</b>				
<b>Andaman &amp; Nicobar</b>	(3%)	41%	8%	8%
ED Andaman & Nicobar	(3%)	41%	8%	8%
<b>Chandigarh</b>	7%	(1%)	2%	(8%)
Chandigarh ED	7%	(1%)	2%	(8%)
<b>Dadra &amp; Nagar Haveli</b>	11%	0%	14%	(5%)
DNHPDCL	11%	0%	14%	(5%)
<b>Daman &amp; Diu</b>	(8%)	5%	17%	0%
Daman & Diu ED	(8%)	5%	17%	0%
<b>Lakshadweep</b>	(1%)	31%	7%	14%
Lakshadweep ED	(1%)	31%	7%	14%

**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 1<sup>st</sup> April 2020.
- C. Values between -1 and 1 have been rounded off to nil.

## Change in Average Billing Rate

**Remarks:**

Change in ABR (in %)		
States/UTs	Year	Reasoning
Andhra Pradesh	2021-22	ABR has reduced on account of decrease in approved sales (875 MU) and consequent decrease in revenue (~Rs 407 Cr), hence leading to a reduction in ACS also. Reduction in revenue is disproportionately higher than that in sales due to an unfavorable change in sales mix [Reduction in sales to subsidizing categories (HT commercial and Industrial) and increase in sales to subsidized categories (LT domestic and agriculture)].
Assam	2019-20	The ABR has reduced from previous year as revenue has reduced despite an increase in sales. Also, a higher ARR surplus (than previous year) has been adjusted through revised tariff, further bringing down the revenue from sale of power
	2020-21	ABR has increased over previous year as a result of change in sales mix. Though the total sales have reduced over previous year, reduction in LT sales is much higher than in HT sales which has led to a higher revenue at the same approved tariff
	2021-22	The ABR has reduced from previous year as revenue has reduced despite an increase in sales. The commission has reduced the tariff as revenue at existing tariff (approved in FY 2021) was higher than the ARR approved for FY 2022
Bihar	2019-20	The ABR has reduced over previous year as revenue has reduced despite an increase in sales. This is on account of change in sales mix wherein sales to subsidized categories (Kutir Jyoti and DS) has more than doubled over previous year while similar increase in subsidizing categories has not been observed.
Chhattisgarh	2018-19	The ABR has reduced over previous year despite an increase in sales as the commission has reduced tariff across categories to adjust the cumulative surplus (Rs 530.83 Cr) approved in the year.
	2019-20	The ABR has reduced over previous year despite an increase in sales as the commission has reduced tariff across the categories to adjust the cumulative surplus (Rs 539.92 Cr) approved in the year.
	2020-21	ABR has reduced over previous year despite an increase in sales as well as revenue. However, the increase in revenue (~4%) is not commensurate with increase in sales (6.3%) as the commission has approved nil tariff increase.
Delhi	2019-20	The ABR has reduced over previous year as the commission has rationalized fixed charges leading to a reduction in revenue from Domestic category for BRPL and BYPL despite an increase in the sales for the category
Haryana	2021-22	ABR has reduced over previous years as the increase in revenue (~8%) has been non-commensurate to increase in sales (~19%) over previous year as increase in sales is largely concentrated in subsidized categories

## Change in Average Billing Rate

Change in ABR (in %)		
States/UTs	Year	Reasoning
Jharkhand	2018-19	The Commission has approved new tariff structure starting this financial year, wherein the tariff is determined without consideration to subsidy (RGF in this case). This has led to a notional increase in ABR over previous year
Madhya Pradesh	2018-19	ABR has reduced over previous year as the revenue from power sale has decreased despite an increase in total sales (except MP Central discom, where total sales have also decreased). This is on account of a change in sales mix wherein sales to Industrial category is reduced, while those to domestic has increased
	2020-21	ABR has reduced over previous year as the increase in revenue from sales (~2%) was non commensurate with respect to increase in total sales (~9%). This was on account of change in sales mix; Sales to Industrial category (~200 MU) is replaced by sales to Domestic category.
	2021-22	The commission has adjusted large true up amounts (East: Rs 1,725 Cr; Rs -3,518.7 Cr; Rs 3,119.7 Cr.) in F Y2022 ARR of the 3 DISCOMs. As a result, which has resulted into large complementary Revenue gap/surplus in case of West and Central DISCOMs (West: -2,224 Cr; Central: 1,550 Cr). Accordingly, the impact on tariff due to the above adjustment has led to large changes in ABR for West and Central Discom while ABR of the state has not changed much.
Meghalaya	2021-22	The commission has approved a revenue surplus of Rs 44 Cr which has led to downward revision of tariff. Therefore, the total increase in revenue is not commensurate with total increase in sales over last year.
Odisha	2021-22	ABR has increased over previous year as revenue have increased 9% despite the tariff remaining same and decrease in sales by ~1% (also accompanied by a relative increase in LT sales compared to HT and EHT categories). Further, the commission has not provided category wise break up of sales or revenue.
Rajasthan	2019-20	ABR has increase ~14% over previous year as total revenue has increased ~35% on account of ~19% increase in total sales, increase in tariff subsidy and tariff. Also, that there was almost nil increase in ABR from FY 2018 to 2019 (nil tariff increase) has also contributed (lower base effect).
Uttar Pradesh	2018-19	ABR has increased ~11% aggregated for all DISCOMs over previous year on account of significant increase in tariff subsidy (Additional subsidy of Rs 3265 Cr).
	2019-20	ABR has increase ~13% over previous year for MVVNL as revenue from sales has increased ~1.6% despite a ~10% decrease in total sales. This is on account of change in sales mix as sales to subsidizing categories (commercial and Large & heavy power) while those to domestic category has reduced.
	2020-21	<ul style="list-style-type: none"> <li>ABR has increased over previous year for DVVNL as revenue has increased ~6.5% despite a ~3.4% decrease in sales. This is on account of relatively higher increase in sales to subsidizing category (large and heavy power industrial).</li> <li>For MVVNL, ABR has decreased on account of a decrease in revenue (2.8%) due to reduction in tariff subsidy.</li> </ul>



## Change in Average Billing Rate

Change in ABR (in %)		
States/UTs	Year	Reasoning
Himachal Pradesh	2020-21	ABR has reduced over previous year as revenue from sales has decreased ~0.9% largely resulting from a ~7.5% decrease in sales to large industries category
Manipur	2018-19	ABR has increased 30% over previous year on account of a ~51% (~Rs 100 Cr.) increase in budgetary support from the government provided to bridge the revenue gap, which has increased over previous year.
	2019-20	The ABR has reduced ~14% over previous year due to a 27% (~Rs 82 Cr) decrease in budgetary support from the government provided to bridge the revenue gap.
	2021-22	ABR has increased 29% over previous year on account of a ~65% (~Rs 113 Cr.) increase in budgetary support from the government provided to bridge the revenue gap.
Arunachal Pradesh	2018-19	ABR has increased 37% over previous year on account of a ~44% (~Rs 116 Cr.) increase in budgetary support from the government provided to bridge the revenue gap. The Commission has bridged entire revenue gap (Rs 379.66 Cr) through budgetary support
Mizoram	2018-19	ABR has increased ~12% over previous year on account of increase in tariff (~10 Cr) and ~27% (Rs 27 Cr.) increase in budgetary support from the government provided to bridge the revenue gap (Rs 125 Cr).
	2019-20	ABR has reduced ~8% over previous year despite an increase in sales and revenue. This is on account of ~8% (Rs 10 Cr) decrease budgetary support from the government provided to bridge the revenue gap (~Rs 116 Cr).
	2020-21	ABR has increased ~51% over previous year on account of ~39% (Rs 45 Cr.) increase in budgetary support from the government provided to bridge the revenue gap (Rs 160 Cr).
	2021-22	ABR has decreased ~14% over previous year on account of ~50% (Rs 82 Cr.) decrease in budgetary support from the government provided to bridge the revenue gap (Rs 82.9 Cr). ABR, excluding subsidy has actually increased in FY 2022 on account of increase in both sales and revenue.
Nagaland	2020-21	ABR has increased ~18% over previous year despite a 5% reduction in total sales. This is on account of ~41% (Rs 85 Cr) increase in budgetary support from the government provided to bridge the revenue gap (~Rs 294 Cr).
Sikkim	2019-20	ABR has reduced ~13% over previous year on account of 29% (Rs 91 Cr) decrease in revenue from sales to consumers within state despite ~5% increase in total sales. This is on account of shift in consumer mix—Sales to Domestic consumers has increased to ~3 times (83 MU) while that to commercial and HT category has increased by only ~1.7 times. Also, a higher percentage (61% in FY 2019 compared to 52% in FY 2018) is going to outside sales which is at a lower ABR compared to sales within state.
	2020-21	ABR has reduced over previous year as the increase in revenue (9%) has been non-commensurate to increase in sales (12%).

## Change in Average Billing Rate

Change in ABR (in %)		
States/UTs	Year	Reasoning
		This is due to relatively higher increase in sale to subsidized category (domestic) compared to that for industrial category.
Andaman & Nicobar	2018-19	ABR has reduced on account of change in sales mix thereby relative reduction in revenue for Commercial category
	2019-20	ABR has increased ~41% over previous year on two accounts: ~19% (Rs 32 Cr.) increase in revenue from sales and ~65% (Rs 214 Cr) increase in revenue gap, which is to be bridged through budgetary support. Gap has increased on account of an increase in ARR owing to increase in power purchase cost.
Chandigarh	2021-22	ABR has reduced on account of ~3% reduction in revenue even as the sales increased by 6%. The decrease in revenue is due to a ~31% decrease in sales to industrial category even as sales to domestic category increased by ~27%.
Dadra & Nagar Haveli	2020-21	The ABR has increased ~14% over previous year as the commission has approved a tariff increase to adjust Rs 429 Cr of cumulative revenue gap till FY 2021.
	2021-22	ABR has reduced on account of a ~7% decrease in revenue even as sales have reduced by ~2%. The disproportionate decrease in revenue is due to ~6.5% and ~7% decrease in revenue from LT and HT industry categories respectively
Daman & Diu	2018-19	ABR has reduced ~8% over previous years as the increase in revenue (~15%) has been non-commensurate to increase in sales (~26%) over previous year as increase in sales is largely concentrated in subsidized categories
	2020-21	The ABR has increase ~17% over previous year as the commission has increased tariff to adjust a cumulative Revenue gap of Rs 233 Cr till FY 2021.
Lakshadweep	2019-20	ABR has increased ~31% despite a 24% reduction in sales (largely Domestic) and only a marginal increase in tariff. This is on account of a cumulative revenue gap of Rs. 111.76 Cr., which has been adjusted through budgetary support provided from the government.
	2021-22	ABR has increased on account of increase in revenue from domestic and commercial categories even leading to a ~14% increase in overall revenue even as sales have increased only by ~1%.



## SECTION 4

# AVERAGE COST OF SUPPLY

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## Average Cost of Supply

(Figures in Rs./kWh)

	2018-19		2019-20	2020-21	2021-22
	Approved	Actual*	Approved	Approved	Approved
<b>DISCOMs</b>					
<b>Andhra Pradesh</b>	5.84	8.75	5.99	6.73	6.33
APEPDCL	5.77	8.32	5.81	6.59	6.39
APSPDCL	5.89	8.99	6.09	6.82	6.13
APCPDCL <sup>c</sup>	NA	NA in PFC	NA	NA	6.59
<b>Assam</b>	6.68	8.46	6.73	7.07	7.40
APDCL	6.68	8.46	6.73	7.07	7.40
<b>Bihar</b>	7.35	8.88	6.57 <sup>4</sup>	7.05	7.38
NBPDCL	7.18	8.49	5.53	6.96	6.04
SBPDCL	7.49	9.23	7.51	7.13	8.53
<b>Chhattisgarh</b>	6.20	5.76	6.07	5.93	--
CSPDCL	6.20	5.76	6.07	5.93	--
<b>Delhi</b>	7.41	7.35	7.12	7.39	--
BRPL	7.47	7.80	7.11	7.38	--
BYPL	7.41	7.37	6.86	7.03	--
TPDDL	7.34	6.80	7.32	7.68	--
<b>Gujarat</b>	5.80	6.02	5.91	5.97	6.22
DGVCL	6.63	6.81	6.48	6.85	7.02
MGVCL	6.18	6.18	6.07	6.16	6.62
PGVCL	5.55	5.98	5.89	5.85	5.94
UGVCL	5.13	5.35	5.39	5.29	5.65
<b>Haryana</b>	6.97	7.08	6.89	7.49	6.79
DHBVNL	N/A	6.51	6.69	7.25	6.66
UHBVNL	N/A	7.97	7.20	7.84	6.98
<b>Jharkhand</b>	5.86	7.29	6.51	6.39	--
JBVNL	5.86	7.29	6.51	6.39	--
<b>Karnataka</b>	6.75	7.35	7.20	7.77	8.12
BESCOM	6.80	7.89	7.37	8.14	8.42
CHESCOM	6.37	6.66	6.93	7.30	7.61
GESCOM	6.74	6.89	7.02	7.47	7.74
HESCOM	6.80	7.19	7.08	7.60	8.00
MESCOM	6.86	6.24	7.13	7.13	7.94
<b>Madhya Pradesh</b>	6.03	8.43	6.59	6.51	6.60
MPMaKVVCL	6.08	9.95	6.69	6.52	7.31
MPPaKVVCL	6.02	7.07	6.53	6.64	5.80
MPPoKVVCL	6.00	8.77	6.57	6.34	6.85
<b>Maharashtra</b>	6.67	7.51	7.03	7.51	7.36
MSEDCL	6.67	7.51	7.03	7.51	7.36
<b>Meghalaya</b>	7.65	6.81	7.80	7.76 <sup>1</sup>	5.94
MePDCL	7.65	6.81	7.80	7.76	5.94
<b>Odisha</b>	4.68	6.28	4.77	4.79	5.25
TPCODL	4.73	6.19	4.80	4.87	5.36
NESCO Utility	4.78	5.45	4.86	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	4.41	4.95
TPWODL	4.70	7.28	4.85	4.81	5.25
<b>Rajasthan</b>	7.04	8.74	8.04	--	--
AVVNL	7.19	9.16	8.08	--	--
JdVVNL	6.97	8.59	8.14	--	--
JVVNL	6.99	8.58	7.92	--	--
<b>Telangana</b>	6.02	6.99	--	--	--
TSNPDCL	6.29	7.40	--	--	--
TSSPDCL	5.90	6.81	--	--	--
<b>Uttar Pradesh</b>	6.17	7.86	7.35	7.05	--
DVVNL	6.69	8.27	7.24	6.81	--
KESCO	5.11	9.34	7.07	7.77	--
MVVNL	6.98	8.71	7.72	7.23	--
PaVVNL	5.21	7.03	6.99	7.00	--
PuVVNL	6.46	7.72	7.66	7.08	--
<b>Uttarakhand</b>	5.05	5.64	5.28	5.53	5.76
UPCL	5.05	5.64	5.28	5.53	5.76
<b>GEDCO/ Integrated Utilities</b>					
<b>Himachal Pradesh</b>	5.33	5.83	5.36	5.18	5.18
HPSEBL	5.33	5.83	5.36	5.18	5.18
<b>Kerala</b>	6.11	6.34	6.51	6.43	6.36
KSEBL	6.11	6.34	6.51	6.43	6.36
<b>Manipur</b>	12.00	8.26	10.51 <sup>5</sup>	9.33 <sup>6</sup>	11.90 <sup>7</sup>
MSPDCL	12.00	8.26	10.51	9.33	11.90
<b>Punjab</b>	5.74	6.92	6.45	6.63	6.42
PSPCL	5.74	6.92	6.45	6.63	6.42
<b>Tamil Nadu</b>	5.84	9.76	--	--	--
TANGEDCO	5.84	9.76	--	--	--
<b>Tripura</b>	4.89	5.14	4.89	5.00	--
TSECL	4.89	5.14	4.89	5.00	--
<b>West Bengal</b>	--	7.22	--	--	--
WBSEDCL	--	7.22	--	--	--
<b>Power Departments</b>					
<b>Arunachal Pradesh</b>	13.40	15.59	--	--	--
Arunachal PD	13.40	15.59	--	--	--
<b>Goa</b>	5.36	5.42	5.56	5.57	5.63
Goa PD	5.36	5.42	5.56	5.57	5.63
<b>Jammu &amp; Kashmir</b>	5.84	7.53	5.28	5.22	--
JKPDD	5.84	7.53	5.28	5.22	--
<b>Mizoram</b>	6.35	8.90	5.86	8.85	7.65 <sup>2</sup>
Mizoram PD	6.35	8.90	5.86	8.85	7.65
<b>Nagaland</b>	8.29	12.99	8.67	10.40	--
Nagaland PD	8.29	12.99	8.67	10.40	--
<b>Puducherry</b>	5.28	5.62	5.70	5.89	5.78

## Average Cost of Supply

(Figures in Rs./kWh)

	2018-19		2019-20	2020-21	2021-22
Puducherry PD	5.28	5.62	5.70	5.89	5.78
<b>Sikkim</b>	4.89	3.94	4.26 <sup>8</sup>	4.34	5.59 <sup>3</sup>
Sikkim PD	4.89	3.94	4.26	4.34	5.59
<b>Union Territories</b>					
<b>Andaman &amp; Nicobar</b>	17.99	NA in PFC	25.36	27.39	29.45
ED Andaman & Nicobar	17.99	NA in PFC	25.36	27.39	29.45
<b>Chandigarh</b>	5.11	NA in PFC	5.12	4.99	5.05
Chandigarh ED	5.11	NA in PFC	5.12	4.99	5.05
<b>Dadra &amp; Nagar Haveli</b>	4.38	NA in PFC	4.93	5.18	5.17
DNHPDCL	4.38	NA in PFC	4.93	5.18	5.17
<b>Daman &amp; Diu</b>	4.22	NA in PFC	4.67	5.02	4.99
Daman & Diu ED	4.22	NA in PFC	4.67	5.02	4.99
<b>Lakshadweep</b>	19.56	NA in PFC	25.66	27.55	31.47
Lakshadweep ED	19.56	NA in PFC	25.66	27.55	31.47

**Notes:**

- A. Actual values are as per Report on Performance of State Power Utilities (2018-19) 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 1<sup>st</sup> April 2020.
- D. State level aggregation is based on average of DISCOM level values weighted against corresponding energy sales.
- E. Actual values of average cost of supply for UTs is not available as per the Report on Performance of State Power Utilities (2018-19) published by PFC Ltd. This has been marked as NA in PFC notation.

**Remarks:**

1. For the state of Meghalaya, the per unit power purchase cost has reduced from Rs. 3.30/kWh in FY 2020 to Rs. 2.93/kWh in FY 2021 leading to a decrease in overall ACOS for FY 2021.
2. For the state of Mizoram, ACOS has reduced in FY 2022 on account of a higher increase in sales (~19%) corresponding to ARR which has increased only ~3%. This subdued increase in ARR is on account of adjustment of surplus carry forwarded from FY 2020.
3. For the state of Sikkim, ACOS has increased in FY 2022 on account of a ~22% decrease in total sales even as the total ARR remained same as that in previous year. While the sales within state has not changed much, sales outside state has reduced by ~35% (258 MU).
4. For the state of Bihar, ACOS has reduced in FY 2020 as the total ARR has increased only ~11%, even as the sales have increased by ~24%. The increase in ARR is subdued because increase in sales is concentrated in low consumption (Kutir Jyoti and DS) categories and



## Average Cost of Supply

(Figures in Rs./kWh)

therefore, a commensurate increase in total power purchase cost (and thus ARR) is not observed.

5. For the state of Manipur, ACoS has reduced in FY 2020 while the sales have increased (~13%) due to reduction in power purchase cost from Rs 7.12/ kWh in FY 2019 to Rs 5.98/ kWh in FY 2020. The reduction is due to decrease in average cost of power purchase from OPTC Pallatana unit 1&2 (Rs 3.82/kWh to Rs 3.28/kWh) and Loktak HE (Rs 4.76/kWh to Rs 3.34/kWh).
6. For the state of Manipur, ACoS has reduced in FY 2021 on account of a surplus adjustment of Rs 40 Cr in the total ARR. Efficiency gains in form of arrear collection has accrued in form of surplus.
7. For the state of Manipur, ACoS has increased in FY 2022 mainly on account of increase in power purchase cost by ~23%, this is mainly due to increase in average cost of power purchase from NTPC Bongaigaon unit I,II&III from Rs 7.07/kWh to Rs 11.34/kWh.
8. For the state of Sikkim, ACoS has reduced in FY 2020 mainly on account of non-commensurate increase in sales (~29%) compared to ARR (~11%). The increase in sales is due to higher sales outside state.

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## SECTION 5

# REPRESENTATIVE TARIFFS

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## 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	0.00	0.06	2.66	-	2.66
2	1-Apr-21	2021-22	Assam <sup>2(b)</sup>	4.90	1.50	0.20	6.60	-	6.60
3	1-Apr-21	2021-22	Bihar <sup>2(b)</sup>	6.10	1.20	0.44	7.74	-	7.74
4	1-Jun-20	2020-21	Chhattisgarh	1.00	2.40	0.08	3.48	-	3.48
5	1-Sep-20	2020-21	Delhi	3.00	1.50	0.23	4.73	-	4.73
6	1-Apr-21	2021-22	Gujarat	3.28	0.25	0.53	4.05	-	4.05
7	1-Jun-20	2021-22	Haryana	2.25	0.00	0.10	2.35	-	2.35
8	1-Oct-20	2020-21	Jharkhand <sup>2(b)</sup>	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 <sup>3&amp;2(b)</sup>	4.59	1.09	0.51	6.19	-	6.19
11	1-Apr-21	2021-22	Maharashtra <sup>4&amp;2(b)</sup>	4.82	1.02	0.77	6.61	-	6.61
12	1-Apr-21	2021-22	Meghalaya <sup>2(b)</sup>	4.00	1.80	0.05	5.85	-	5.85
13	4-Apr-21	2021-22	Odisha <sup>2(b)</sup>	3.90	0.60	0.16	4.66	-	4.66
14	1-Feb-20	2019-20	Rajasthan <sup>2(b)</sup>	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	18-Nov-20	2020-21	Uttar Pradesh	3.35	2.70	0.05	6.10	-	6.10
17	1-Apr-21	2021-22	Uttarakhand <sup>3&amp;2(b)</sup>	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 <sup>2(b)</sup>	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 <sup>3</sup>	2.50	0.15	0.00	2.65	1.25	1.40

## 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
23	1-Sep-20	2020-21	Tripura <sup>3&amp;2(a)</sup>	4.82	0.40	0.31	5.53	-	<b>5.53</b>
24	1-Apr-17	2017-18	West Bengal <sup>2(b)</sup>	5.30	0.45	0.58	6.33	-	<b>6.33</b>
25	1-Jun-18	2018-19	Arunachal Pradesh <sup>3</sup>	4.00	0.00	0.00	4.00	-	<b>4.00</b>
26	1-Apr-21	2021-22	Goa	1.50	0.25	0.20	1.95	-	<b>1.95</b>
27	1-Oct-16	2016-17	Jammu & Kashmir	1.69	0.17	0.52	2.38	-	<b>2.38</b>
28	1-Apr-21	2021-22	Mizoram <sup>3</sup>	4.80	1.50	0.00	6.30	-	<b>6.30</b>
29	1-Apr-20	2020-21	Nagaland <sup>3</sup>	5.23	0.10	0.00	5.33	-	<b>5.33</b>
30	1-Apr-21	2021-22	Puducherry <sup>3&amp;2(b)</sup>	1.55	0.40	0.00	2.05	-	<b>2.05</b>
31	1-Apr-21	2021-22	Sikkim <sup>3&amp;2(b)</sup>	1.50	0.00	0.00	1.44	-	<b>1.44</b>
32	1-Jun-21	2021-22	Andaman & Nicobar <sup>3</sup>	2.25	0.20	0.00	2.45	-	<b>2.45</b>
33	1-Apr-21	2021-22	Chandigarh <sup>2(b)</sup>	2.50	0.30	0.09	2.89	-	<b>2.89</b>
34	1-Apr-21	2021-22	Dadra & Nagar Haveli <sup>3&amp;2(b)</sup>	1.75	0.10	0.00	1.85	-	<b>1.85</b>
35	1-Apr-21	2021-22	Daman & Diu <sup>3&amp;2(b)</sup>	1.40	0.20	0.00	1.60	-	<b>1.60</b>
36	1-Apr-21	2021-22	Lakshadweep <sup>3</sup>	1.35	0.20	0.00	1.55	-	<b>1.55</b>

**Notes:**

- The final tariff rates have been calculated based on energy charges, fixed charges, tariff subsidy (if any) and electricity duty.
- All the states above have been categorized into one of the three categories
  - Those for which the commission has approved a separate rate for tariff subsidy
  - Those for which the commission has approved tariff schedule based on full cost recovery without taking tariff subsidy into consideration (on account of various reasons such as unavailability of any confirmation from state government etc.)

## Representative Tariffs

(Figures in Rs/kWh)

- c) Those for which the commission has approved tariff internalizing the tariff subsidy without providing a separate rate (or enough data in the tariff order to calculate the same otherwise). The states belonging to categories (a) and (b) above have been marked (via superscripts) as such, those unmarked belong to category (c)

**Remarks:**

3. Electricity duty have been considered from CEA report “Tariff and Duty of Electricity Supply in India” released on March 2014
4. The values are as per MYT tariff order for the control period FY 2020 to FY 2025. Tariff schedule for FY2022 has been considered (Maharashtra)

## 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	0.00	0.06	6.45	-	6.45
2	1-Apr-21	2021-22	Assam <sup>2(b)</sup>	6.37	0.30	0.20	6.87	-	6.87
3	1-Apr-21	2021-22	Bihar <sup>2(b)</sup>	7.44	0.24	0.46	8.14	-	8.14
4	1-Jun-20	2020-21	Chhattisgarh	1.50	3.04	0.12	4.66	-	4.66
5	1-Sep-20	2020-21	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-Jun-20	2021-22	Haryana	4.95	0.00	0.10	5.05	-	5.05
8	1-Oct-20	2020-21	Jharkhand <sup>2(b)</sup>	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 <sup>3&amp;2(b)</sup>	6.02	1.50	0.90	8.42		8.42
11	1-Apr-21	2021-22	Maharashtra <sup>4&amp;2(b)</sup>	9.15	0.20	1.46	10.82	-	10.82
12	1-Apr-21	2021-22	Meghalaya <sup>2(b)</sup>	5.28	0.36	0.05	5.69	-	5.69
13	4-Apr-21	2021-22	Odisha <sup>2(b)</sup>	5.30	0.12	0.21	5.63	-	5.63
14	1-Feb-20	2019-20	Rajasthan <sup>2(b)</sup>	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	18-Nov-20	2020-21	Uttar Pradesh	6.05	0.05	0.34	6.44	-	6.44
17	1-Apr-21	2021-22	Uttarakhand <sup>3&amp;2(b)</sup>	4.81	0.60	0.15	5.56	-	5.56
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 <sup>2(b)</sup>	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	7.32	-	7.32

## 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
22	11-Aug-17	2017-18	Tamil Nadu <sup>3</sup>	5.28	0.05	0.00	5.33	0.25	<b>5.08</b>
23	1-Sep-20	2020-21	Tripura <sup>3&amp;2(a)</sup>	6.24	0.10	0.38	6.72		<b>6.72</b>
24	1-Apr-17	2017-18	West Bengal <sup>2(b)</sup>	6.61	0.09	0.67	7.37	-	<b>7.37</b>
25	1-Jun-18	2018-19	Arunachal Pradesh <sup>3</sup>	4.00	0.00	0.00	4.00	-	<b>4.00</b>
26	1-Apr-21	2021-22	Goa	2.90	0.05	0.20	3.15	-	<b>3.15</b>
27	1-Oct-16	2016-17	Jammu & Kashmir	2.80	0.03	0.52	3.36	-	<b>3.36</b>
28	1-Apr-21	2021-22	Mizoram <sup>3</sup>	5.60	0.30	0.00	5.90	-	<b>5.90</b>
29	1-Apr-20	2020-21	Nagaland <sup>3</sup>	6.35	0.02	0.00	6.37	-	<b>6.37</b>
30	1-Apr-21	2021-22	Puducherry <sup>3&amp;2(b)</sup>	4.18	0.09	0.00	4.48	-	<b>4.48</b>
31	1-Apr-21	2021-22	Sikkim <sup>3&amp;2(b)</sup>	3.10	0.00	0.00	2.97	-	<b>2.97</b>
32	1-Jun-21	2021-22	Andaman & Nicobar <sup>3</sup>	5.77	0.04	0.00	5.81	-	<b>5.81</b>
33	1-Apr-21	2021-22	Chandigarh <sup>2(b)</sup>	3.81	0.06	0.09	3.96	-	<b>3.96</b>
34	1-Apr-21	2021-22	Dadra & Nagar Haveli <sup>3&amp;2(b)</sup>	2.45	0.02	0.00	2.47	-	<b>2.47</b>
35	1-Apr-21	2021-22	Daman & Diu <sup>3&amp;2(b)</sup>	2.28	0.04	0.00	2.32	-	<b>2.32</b>
36	1-Apr-21	2021-22	Lakshadweep <sup>3</sup>	4.67	0.04	0.00	4.71	-	<b>4.71</b>

**Notes:**

- The final tariff rates have been calculated based on energy charges, fixed charges, tariff subsidy (if any) and electricity duty.
- All the states above have been categorized into one of the three categories
  - Those for which the commission has approved a separate rate for tariff subsidy
  - Those for which the commission has approved tariff schedule based on full cost recovery without taking tariff subsidy into consideration (on account of various reasons such as unavailability of any confirmation from state government etc.)



## Representative Tariffs

(Figures in Rs/kWh)

- c) Those for which the commission has approved tariff internalizing the tariff subsidy without providing a separate rate (or enough data in the tariff order to calculate the same otherwise). The states belonging to categories (a) and (b) above have been marked (via superscripts) as such, those unmarked belong to category (c)

**Remarks:**

3. Electricity duty have been considered from CEA report “Tariff and Duty of Electricity Supply in India” released on March 2014
4. The values are as per MYT tariff order for the control period FY 2020 to FY 2025. Tariff schedule for FY2022 has been considered (Maharashtra)

## 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	8.92	0.75	0.06	9.73
2	1-Apr-21	2021-22	Assam	7.20	1.30	0.20	8.70
3	1-Apr-21	2021-22	Bihar	7.08	1.80	0.53	9.41
4	1-Jun-20	2020-21	Chhattisgarh	6.76	1.20	0.81	8.77
5	1-Sep-20	2020-21	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-Jun-20	2021-22	Haryana	7.05	0.00	0.10	7.15
8	1-Oct-20	2020-21	Jharkhand	6.25	0.15	0.30	6.70
9	1-Apr-21	2021-22	Karnataka	9.25	1.05	0.93	11.23
10	8-July-21	2021-22	Madhya Pradesh <sup>1</sup>	6.40	1.53	1.19	9.12
11	1-Apr-21	2021-22	Maharashtra <sup>2</sup>	8.56	0.83	1.80	11.19
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-Feb-20	2019-20	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	18-Nov-20	2020-21	Uttar Pradesh	7.86	4.50	0.05	12.41
17	1-Apr-21	2021-22	Uttarakhand <sup>1</sup>	5.80	0.90	0.15	6.85
18	1-Jun-21	2021-22	Himachal Pradesh	5.10	0.26	0.43	5.79
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	8.70
22	11-Aug-17	2017-18	Tamil Nadu	8.05	0.70	0.44	9.19
23	1-Sep-20	2020-21	Tripura <sup>1</sup>	6.93	0.12	0.00	7.05
24	1-Apr-17	2017-18	West Bengal	7.25	0.30	0.76	8.31
25	1-Jun-18	2018-19	Arunachal Pradesh <sup>1</sup>	5.00	0.00	0.00	5.00

## 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
26	1-Apr-21	2021-22	Goa	4.57	0.10	0.70	<b>5.37</b>
27	1-Oct-16	2016-17	Jammu & Kashmir <sup>1</sup>	3.86	0.42	0.87	<b>5.15</b>
28	1-Apr-21	2021-22	Mizoram <sup>1</sup>	6.98	0.80	0.00	<b>7.78</b>
29	1-Apr-20	2020-21	Nagaland <sup>1</sup>	8.43	0.03	0.00	<b>8.46</b>
30	1-Apr-21	2021-22	Puducherry <sup>1</sup>	6.92	0.75	0.00	<b>8.05</b>
31	1-Apr-21	2021-22	Sikkim <sup>1</sup>	5.36	1.00	0.00	<b>6.10</b>
32	1-Jun-21	2021-22	Andaman & Nicobar <sup>1</sup>	8.70	0.06	0.00	<b>8.76</b>
33	1-Apr-21	2021-22	Chandigarh	4.70	0.20	0.11	<b>5.01</b>
34	1-Apr-21	2021-22	Dadra & Nagar Haveli <sup>1</sup>	3.90	0.04	0.00	<b>3.94</b>
35	1-Apr-21	2021-22	Daman & Diu <sup>1</sup>	3.84	0.05	0.00	<b>3.89</b>
36	1-Apr-21	2021-22	Lakshadweep <sup>1</sup>	8.49	0.06	0.00	<b>8.55</b>

**Notes:**

- A. The final tariff rates have been calculated based on energy charges, fixed charges, tariff subsidy (if any) and electricity duty.

**Remarks:**

- Electricity duty have been considered from CEA report “Tariff and Duty of Electricity Supply in India” released on March 2014
- The values are as per MYT tariff order for the control period FY2020 to FY2025. Tariff schedule for FY2022 has been considered (Maharashtra).

## 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 <sup>2(b)</sup>	4.30	0.41	0.20	4.91	-	4.91
3	1-Apr-21	2021-22	Bihar <sup>2(b)</sup>	5.55	0.37	0.36	6.27	-	6.27
4	1-Jun-20	2020-21	Chhattisgarh	4.40	0.98	0.00	5.38	-	5.38
5	1-Sep-20	2020-21	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-Jun-20	2021-22	Haryana	0.10	0.00	0.00	0.10	-	0.10
8	1-Oct-20	2020-21	Jharkhand <sup>2(b)</sup>	5.00	0.24	0.02	5.26	-	5.26
9	1-Apr-21	2021-22	Karnataka <sup>2(a)</sup>	4.30	0.00	0.00	4.30	4.30	0.00
10	8-July-21	2021-22	Madhya Pradesh <sup>3 &amp; 2(b)</sup>	5.36	0.86	0.00	6.22	-	6.22
11	1-Apr-21	2021-22	Maharashtra <sup>4 &amp; 2(b)</sup>	3.29	0.51	0.00	3.80	-	3.80
12	1-Apr-21	2021-22	Meghalaya <sup>2(b)</sup>	3.00	0.92	0.24	4.15	-	4.15
13	4-Apr-21	2021-22	Odisha <sup>2(b)</sup>	1.50	0.10	0.03	1.63	-	1.63
14	1-Feb-20	2019-20	Rajasthan <sup>2(b)</sup>	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	18-Nov-20	2020-21	Uttar Pradesh	2.00	0.86	0.08	2.94	-	2.94
17	1-Apr-21	2021-22	Uttarakhand <sup>3 &amp; 2(b)</sup>	2.75	0.00	0.15	2.90	-	2.90
18	1-Jun-21	2021-22	Himachal Pradesh <sup>2(a)</sup>	3.70	0.11	0.38	4.19	3.20	0.99
19	8-Jul-19	2020-21	Kerala <sup>2(b)</sup>	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 <sup>2(a)</sup>	5.66	0.00	0.00	5.66	5.66	0.00
22	11-Aug-17	2017-18	Tamil Nadu <sup>2(a)</sup>	3.22	0.00	0.00	3.22	3.22	0.00
23	1-Sep-20	2020-21	Tripura <sup>3 &amp; (a)</sup>	4.55	0.55		5.10		5.10
24	1-Apr-17	2017-18	West Bengal <sup>2(b)</sup>	4.31	0.18	0.00	4.49	-	4.49
25	1-Jun-18	2018-19	Arunachal Pradesh <sup>3</sup>	3.10	0.00	0.00	3.10	-	3.10

## 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
26	1-Apr-21	2021-22	Goa <sup>3</sup>	1.50	0.22	0.18	1.90	-	<b>1.90</b>
27	1-Oct-16	2016-17	Jammu & Kashmir <sup>3</sup>	0.66	0.18	0.15	0.99	-	<b>0.99</b>
28	1-Apr-21	2021-22	Mizoram <sup>3</sup>	3.65	0.46	0.00	4.11	-	<b>4.11</b>
29	1-Apr-20	2020-21	Nagaland <sup>3</sup>	3.10	0.00	0.00	3.10	-	<b>3.10</b>
30	1-Apr-21	2021-22	Puducherry <sup>3&amp;2(b)</sup>	0.00	0.13	0.00	0.14	-	<b>0.14</b>
31	1-Apr-21	2021-22	Sikkim	-	-	0.00	-	-	-
32	1-Jun-21	2021-22	Andaman & Nicobar <sup>3</sup>	1.60	0.46	0.00	2.06	-	<b>2.06</b>
33	1-Apr-21	2021-22	Chandigarh <sup>2(b)</sup>	2.60	0.00	0.00	2.60	-	<b>2.60</b>
34	1-Apr-21	2021-22	Dadra & Nagar Haveli <sup>3&amp;2(b)</sup>	0.75	0.00	0.00	0.75	-	<b>0.75</b>
35	1-Apr-21	2021-22	Daman & Diu <sup>3&amp;2(b)</sup>	0.75	0.00	0.00	0.75	-	<b>0.75</b>
36	1-Apr-21	2021-22	Lakshadweep <sup>3</sup>	-	-	0.00	-	-	-

**Notes:**

- The final tariff rates have been calculated based on energy charges, fixed charges, tariff subsidy (if any) and electricity duty.
- All the states above have been categorized into one of the three categories
  - Those for which the commission has approved a separate rate for tariff subsidy
  - Those for which the commission has approved tariff schedule based on full cost recovery without taking tariff subsidy into consideration (on account of various reasons such as unavailability of any confirmation from state government etc.)
  - Those for which the commission has approved tariff internalizing the tariff subsidy without providing a separate rate (or enough data in the tariff order to calculate the same otherwise). The states belonging to categories (a) and (b) above have been marked (via superscripts) as such, those unmarked belong to category (c)

**Remarks:**

- Electricity duty have been considered from CEA report “Tariff and Duty of Electricity Supply in India” released on March 2014
- The values are as per MYT tariff order for the control period FY 2020 to FY 2025. Tariff schedule for FY2022 has been considered (Maharashtra)

## 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-Jun-20	2020-21	Chhattisgarh	4.75	0.68	0.14	5.58
5	1-Sep-20	2020-21	Delhi	7.75	1.71	0.47	9.94
6	1-Apr-21	2021-22	Gujarat	4.35	0.34	0.47	5.16
7	1-Jun-20	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 <sup>2</sup>	6.39	0.32	0.59	7.30
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	6.78
14	1-Feb-20	2019-20	Rajasthan	6.30	1.00	0.40	7.70
15	1-Apr-18	2018-19	Telangana	6.70	0.41	0.06	7.17
16	18-Nov-20	2020-21	Uttar Pradesh	7.40	1.99	0.08	9.47
17	1-Apr-21	2021-22	Uttarakhand <sup>1</sup>	4.60	1.06	0.20	5.86
18	1-Jun-21	2021-22	Himachal Pradesh	4.75	0.10	0.44	5.28
19	8-Jul-19	2020-21	Kerala	5.65	0.82	0.65	7.12
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	4.97
23	1-Sep-20	2020-21	Tripura <sup>1</sup>	7.10	0.31	0.00	7.41
24	1-Apr-17	2017-18	West Bengal	6.92	0.34	0.18	7.44

## 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
25	1-Jun-18	2018-19	Arunachal Pradesh <sup>1</sup>	3.85	0.00	0.00	<b>3.85</b>
26	1-Apr-21	2021-22	Goa	3.76	0.37	0.70	<b>4.83</b>
27	1-Oct-16	2016-17	Jammu & Kashmir <sup>1</sup>	3.30	0.34	0.73	<b>4.37</b>
28	1-Apr-21	2021-22	Mizoram <sup>1</sup>	6.20	0.55	0.00	<b>6.75</b>
29	1-Apr-20	2020-21	Nagaland <sup>1</sup>	6.33	0.01	0.00	<b>6.34</b>
30	1-Apr-21	2021-22	Puducherry <sup>1</sup>	6.05	0.34	0.00	<b>6.71</b>
31	1-Apr-21	2021-22	Sikkim <sup>1</sup>	6.19	0.68	0.00	<b>6.59</b>
32	1-Jun-21	2021-22	Andaman & Nicobar <sup>1</sup>	7.97	0.34	0.00	<b>8.32</b>
33	1-Apr-21	2021-22	Chandigarh	4.30	0.21	0.11	<b>4.62</b>
34	1-Apr-21	2021-22	Dadra & Nagar Haveli <sup>1</sup>	3.50	0.18	0.00	<b>3.68</b>
35	1-Apr-21	2021-22	Daman & Diu <sup>1</sup>	3.60	0.37	0.00	<b>3.97</b>
36	1-Apr-21	2021-22	Lakshadweep <sup>1</sup>	6.50	0.34	0.00	<b>6.84</b>

**Notes:**

- A. The final tariff rates have been calculated based on energy charges, fixed charges, tariff subsidy (if any) and electricity duty.

**Remarks:**

- Electricity duty have been considered from CEA report "Tariff and Duty of Electricity Supply in India" released on March 2014
- The values are as per MYT tariff order for the control period FY2020 to FY2025. Tariff schedule for FY2022 has been considered (Maharashtra).



## 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	7.66
4	1-Jun-20	2020-21	Chhattisgarh	5.50	0.50	0.22	6.22
5	1-Sep-20	2020-21	Delhi	7.75	1.14	0.44	9.34
6	1-Apr-21	2021-22	Gujarat	4.60	0.45	0.50	5.55
7	1-Jun-20	2021-22	Haryana	6.40	0.73	0.10	7.23
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 <sup>2</sup>	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	7.06
14	1-Feb-20	2019-20	Rajasthan	7.00	1.05	0.40	8.45
15	1-Apr-18	2018-19	Telangana	6.70	0.27	0.06	7.03
16	18-Nov-20	2020-21	Uttar Pradesh	7.90	1.32	0.08	9.30
17	1-Apr-21	2021-22	Uttarakhand <sup>1</sup>	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 <sup>1</sup>	7.24	0.27	0.00	7.51
24	1-Apr-17	2017-18	West Bengal	6.93	1.16	1.01	9.11

## 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
25	1-Jun-18	2018-19	Arunachal Pradesh <sup>1</sup>	3.50	0.00	0.00	<b>3.50</b>
26	1-Apr-21	2021-22	Goa	3.92	0.24	0.70	<b>4.87</b>
27	1-Oct-16	2016-17	Jammu & Kashmir <sup>1</sup>	3.09	0.21	0.73	<b>4.03</b>
28	1-Apr-21	2021-22	Mizoram <sup>1</sup>	6.33	0.37	0.00	<b>6.70</b>
29	1-Apr-20	2020-21	Nagaland <sup>1</sup>	6.91	0.00	0.00	<b>6.91</b>
30	1-Apr-21	2021-22	Puducherry <sup>1</sup>	5.30	1.92	0.00	<b>7.58</b>
31	1-Apr-21	2021-22	Sikkim <sup>1</sup>	5.20	0.91	0.00	<b>6.04</b>
32	1-Jun-21	2021-22	Andaman & Nicobar <sup>1</sup>	8.86	0.23	0.00	<b>9.09</b>
33	1-Apr-21	2021-22	Chandigarh <sup>1</sup>	4.20	0.91	0.11	<b>5.22</b>
34	1-Apr-21	2021-22	Dadra & Nagar Haveli <sup>1</sup>	3.70	0.49	0.00	<b>4.19</b>
35	1-Apr-21	2021-22	Daman & Diu <sup>1</sup>	3.60	0.24	0.00	<b>3.84</b>
36	1-Apr-21	2021-22	Lakshadweep <sup>1</sup>	6.50	0.23	0.00	<b>6.73</b>

**Notes:**

- A. The final tariff rates have been calculated based on energy charges, fixed charges, tariff subsidy (if any) and electricity duty.

**Remarks:**

- Electricity duty have been considered from CEA report “Tariff and Duty of Electricity Supply in India” released on March 2014
- The values are as per MYT tariff order for the control period FY2020 to FY2025. Tariff schedule for FY2022 has been considered (Maharashtra).

## 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-Jun-20	2020-21	Chhattisgarh	6.71	0.96	0.40	8.07
5	1-Sep-20	2020-21	Delhi	7.75	0.68	0.42	8.86
6	1-Apr-21	2021-22	Gujarat	4.20	0.56	0.71	5.48
7	1-Jun-20	2021-22	Haryana	6.65	0.45	0.10	7.20
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 <sup>2</sup>	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	7.00
14	1-Feb-20	2019-20	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	18-Nov-20	2020-21	Uttar Pradesh	7.10	0.82	0.08	8.00
17	1-Apr-21	2021-22	Uttarakhand <sup>1</sup>	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	7.67
23	1-Sep-20	2020-21	Tripura <sup>1</sup>	7.25	0.21	0.00	7.46
24	1-Apr-17	2017-18	West Bengal	7.20	1.05	1.24	9.49

## 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
25	1-Jun-18	2018-19	Arunachal Pradesh <sup>1</sup>	3.35	-	0.00	3.35
26	1-Apr-21	2021-22	Goa	4.80	0.68	0.70	6.18
27	1-Oct-16	2016-17	Jammu & Kashmir <sup>1</sup>	2.95	0.37	0.80	4.13
28	1-Apr-21	2021-22	Mizoram <sup>1</sup>	7.05	0.22	0.00	7.27
29	1-Apr-20	2020-21	Nagaland <sup>1</sup>	7.29	0.00	0.00	7.29
30	1-Apr-21	2021-22	Puducherry <sup>1</sup>	5.30	1.15	0.00	6.77
31	1-Apr-21	2021-22	Sikkim <sup>1</sup>	6.70	1.53	0.00	8.14
32	1-Jun-21	2021-22	Andaman & Nicobar <sup>1</sup>	9.00	0.14	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 <sup>1</sup>	4.10	1.10	0.00	5.20
35	1-Apr-21	2021-22	Daman & Diu <sup>1</sup>	4.15	1.38	0.00	5.53
36	1-Apr-21	2021-22	Lakshadweep <sup>1</sup>	9.20	0.41	0.00	9.61

**Notes:**

- A. The final tariff rates have been calculated based on energy charges, fixed charges, tariff subsidy (if any) and electricity duty.

**Remarks:**

- Electricity duty have been considered from CEA report “Tariff and Duty of Electricity Supply in India” released on March 2014
- The values are as per MYT tariff order for the control period FY2020 to FY2025. Tariff schedule for FY2022 has been considered (Maharashtra).

**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



## SECTION 6

# CROSS SUBSIDY DETAILS

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## 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%	132%	1,513	1,473	1,543
Assam	96%	89%	83%	103	133	132
Bihar	135%	145%	139%	1,599	617	859
Chhattisgarh	106%	111%	--	539	548	--
Delhi <sup>1</sup>	NA	NA	--	NA	NA	--
Gujarat <sup>1</sup>	NA	NA	NA	NA	NA	NA
Haryana	111%	102%	112%	2,125	1,492	2,134
Jharkhand	N/A	124%	--	230	249	--
Karnataka	122%	122%	128%	2,100	1,804	2,020
Madhya Pradesh	133%	145%	139%	1,451	1,289	1,456
Maharashtra	116%	111%	110%	7,232	7,515	7,879
Meghalaya	--	N/A	140%	--	5	6
Odisha <sup>2</sup>	NA	NA	NA	NA	NA	NA
Rajasthan	103%	--	--	820	--	--
Telangana	--	--	--	--	--	--
Uttar Pradesh	127%	128%	--	3,807	3,071	--
Uttarakhand	109%	109%	109%	315	317	320
Himachal Pradesh	112%	118%	163%	202	124	90
Kerala	115%	--	--	1,135	--	--
Manipur	43%	54%	47%	20	21	19
Punjab	112%	104%	113%	2,844	844	1,052
Tamil Nadu	--	--	--	--	--	--
Tripura	NA	NA	--	NA	NA	--
West Bengal	--	--	--	--	--	--
Arunachal Pradesh	--	--	--	--	--	--
Goa	78%	81%	84%	107	110	85
Jammu & Kashmir	--	--	--	--	--	--
Mizoram	109%	86%	99%	2	4	3
Nagaland	NA	NA	--	NA	NA	--
Puducherry	103%	102%	108%	148	130	124
Sikkim	100%	108%	76%	6	5	2
Andaman & Nicobar	NA	NA	NA	NA	NA	NA

## 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%	81%	224	240	283
Daman & Diu	70%	90%	91%	220	205	221
Lakshadweep	NA <sup>1</sup>	51%	66%	NA <sup>1</sup>	0.35	0.24

### 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%	118%	15,384	14,967	14,546
Assam	128%	118%	105%	888	1,145	1,021
Bihar	127%	115%	112%	2,856	2,865	2,950
Chhattisgarh	125%	115%	--	8,142	7,290	--
Delhi	131%	133%	--	3,597	2,842	--
Gujarat	115%	131%	119%	33,639	36,390	35,838
Haryana	110%	101%	112%	12,261	8,301	11,881
Jharkhand	N/A	109%	--	2708	2,481	--
Karnataka	123%	123%	122%	8,396	7,293	7,763
Madhya Pradesh	115%	114%	112%	9,734	7,156	10,851
Maharashtra	120%	113%	115%	29,208	34,157	35,519
Meghalaya	--	N/A	145%	--	139	197
Odisha <sup>2</sup>	NA	NA	NA	NA	NA	NA
Rajasthan	111%	--	--	16,095	--	--
Telangana	--	--	--	--	--	--
Uttar Pradesh	101%	115%	--	13,127	10,855	--
Uttarakhand	110%	109%	108%	6,446	6,633	6,884
Himachal Pradesh	103%	109%	107%	5,016	4,701	5,400
Kerala	103%	--	--	3,530	--	--
Manipur	78%	98%	98%	10	12	12
Punjab	111%	109%	111%	14,573	15,095	17,943
Tamil Nadu	--	--	--	--	--	--
Tripura	--	178%	--	--	37	--
West Bengal	--	--	--	--	--	--
Arunachal Pradesh	--	--	--	--	--	--
Goa	95%	103%	102%	1,970	2,063	2,001
Jammu & Kashmir	--	--	--	--	--	--
Mizoram	105%	76%	103%	12	12	9
Nagaland	71%	60%	--	75	63	--
Puducherry	122%	119%	123%	832	942	920
Sikkim	167%	199%	160%	215	218	202
Andaman & Nicobar	29%	28%	28%	24	19	10
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	6,092
Daman & Diu	95%	103%	103%	2,179	2,237	2,158
Lakshadweep	48%	38%	16%	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 <sup>A</sup>	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%

### Assam<sup>1</sup>

		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%

### Bihar<sup>2</sup>

		2021-22
Category	Sub-category	Bihar (NBPDC and SBPDCL)
LT Commercial	NDS I - Metered Now Demand Based	97%
	NDS II - Demand Based	125%
	<b>LT Commercial aggregate</b>	<b>111%</b>

## Latest Cross Subsidy Details for Commercial and Industrial Consumers

2021-22		
Category	Sub-category	Bihar (NBPDC and SBPDCL)
LT Industrial	LTIS I (0-19 KW)	134%
	LTIS II (19-74 KW)	144%
	<b>LT Industrial aggregate</b>	<b>139%</b>

### Chhattisgarh

2020-21		
Category	Sub-category	Chhattisgarh (CSPDCL)
LT Commercial	Non-Domestic (Normal Tariff & Demand Based Tariff)	144%
LT Industrial	LT Industry	111%
HT Industrial	Steel Industries	115%

### Delhi<sup>3</sup>

		2020-21			
Category	Sub-category	BRPL	BYPL	TPDDL	Delhi
LT Commercial	Non-Domestic & Others-LT	189%	191%	187%	189%
HT Industrial	Industrial	164%	163%	163%	163%

### Gujarat<sup>4</sup>

		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%

### Haryana<sup>5</sup>

		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%
	<b>LT Commercial aggregate</b>	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%
	<b>LT Industrial aggregate</b>	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
	<b>HT Commercial aggregate</b>	<b>152%</b>	<b>150%</b>	<b>145%</b>	<b>162%</b>	<b>129%</b>	<b>153%</b>
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%
	<b>HT Industrial aggregate</b>	<b>127%</b>	<b>123%</b>	<b>116%</b>	<b>112%</b>	<b>114%</b>	<b>122%</b>

### Madhya Pradesh<sup>1</sup>

Category	Sub-category	2021-22
		Madhya Pradesh (MPMaKVCL, MPPaKVCL and MPPoKVCL)
LT Commercial	LV-2 Non-Domestic	141%
LT Industrial	LV-4 Industrial	141%
HT Commercial	HV 3.2 Non-Industrial	136%
	HV 3.3 Shopping Mall	121%
	<b>Commercial HT aggregate</b>	<b>135%</b>
HT Industrial	HV-2 Coal Mines	128%
	HV3.1 Industrial	123%
	HV 3.4 Power Intensive	86%
	HV 4 Seasonal & Non seasonal	125%
	<b>Industrial HT aggregate</b>	<b>114%</b>

### Maharashtra

Category	Sub-category	2021-22



## Latest Cross Subsidy Details for Commercial and Industrial Consumers

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%
	<b>Industrial HT aggregate</b>	<b>114%</b>

### 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%
	<b>Industrial HT aggregate</b>	<b>145%</b>

### Odisha<sup>6</sup>

Level of Voltage	2021-22	
	Odisha (TPWODL, NESCO, TPSODL, TPCODL)	
EHT	114%	
HT	114%	
LT	85%	

### Rajasthan<sup>7</sup>

2019-20		
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## Latest Cross Subsidy Details for Commercial and Industrial Consumers

Category	Sub-category	JVVNL	AVVNL	JdVVNL	Rajasthan
LT Commercial	Non-Domestic	179%	183%	180%	180%
LT Industrial	Small Industry	137%	138%	142%	139%
HT Industrial	Medium	151%	144%	150%	148%
	Large	145%	148%	159%	148%
	<b>Industry-HT aggregate</b>	146%	147%	157%	148%

### 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%
	<b>HT Industrial aggregate</b>	119%	136%	132%

### Uttar Pradesh

2020-21							
Category	Sub-category	DVVNL	MVVNL	PVVNL	PuVVNL	KESCO	Uttar Pradesh
LT Commercial	LMV-2: Non-Domestic	151%	139%	153%	145%	147%	147%
LT Industrial	LMV-6 Small and Medium Power	134%	122%	129%	132%	114%	128%
HT Industrial	HV-2: Large and Heavy Power	116%	120%	117%	107%	105%	115%

### Uttarakhand

2021-22		
Category	Sub-category	Uttarakhand (UPCL)
LT Commercial	Non-Domestic	115%

## Latest Cross Subsidy Details for Commercial and Industrial Consumers

	2021-22	
Category	Sub-category	Uttarakhand (UPCL)
LT Industrial	LT Industry	108%
HT Industrial	HT Industry	109%
	Mixed Load	102%
	Railway Traction	107%
	<b>Industrial HT aggregate</b>	108%

### Himachal Pradesh<sup>1</sup>

	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%
	<b>Industrial HT aggregate</b>	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%
	<b>HT Commercial aggregate</b>	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%
	<b>HT Industrial aggregate</b>	<b>103%</b>

### 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%
	<b>HT Industrial aggregate</b>	<b>99%</b>

### 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%
	<b>HT Industrial aggregate</b>	<b>111%</b>

### 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%

### Tripura<sup>8</sup>

	2020-21	
Category	Sub-category	Tripura (TSECL)
LT Commercial	Commercial	150%
LT Industrial	Industrial	178%

### Arunachal Pradesh<sup>11</sup>

	2018-19	
Category	Sub-category	Arunachal Pradesh (PD, Arunachal Pradesh)
LT Commercial	Commercial/Non Residential	36%
LT Industrial	Industrial	26%

### 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%
	<b>LT Industrial aggregate</b>	<b>84%</b>
HT Commercial	Commercial	128%
HT Industrial	High Tension/HT-I	105%
	High Tension Ferro/SM/PI/SR	94%
	<b>HT Industrial aggregate</b>	<b>102%</b>

### Jammu & Kashmir<sup>11</sup>

## Latest Cross Subsidy Details for Commercial and Industrial Consumers

	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%
	<b>HT Industrial aggregate</b>	74%

### Mizoram

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

### Nagaland<sup>11</sup>

	2020-21	
Category	Sub-category	DOP, Nagaland
LT Commercial	Category 'D' Commercial	70%
LT Industrial	Category 'B' Industrial	60%

### Puducherry

	2021-22	
Category	Sub-category	Puducherry, PD
LT Commercial	Commercial	128%

## Latest Cross Subsidy Details for Commercial and Industrial Consumers

	2021-22	
Category	Sub-category	Puducherry, PD
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	118%
	<b>HT Industrial aggregate</b>	<b>124%</b>

### Sikkim

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

### Andaman & Nicobar Islands<sup>10&11</sup>

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

### Chandigarh<sup>7</sup>

	2021-22	
Category	Sub-category	Chandigarh ED
LT Commercial	Commercial/Non-Residential	119%
LT Industrial	Small Industrial Power Supply	94%



## Latest Cross Subsidy Details for Commercial and Industrial Consumers

	2021-22	
Category	Sub-category	Chandigarh ED
HT Commercial	HT Commercial	111%
HT Industrial	Medium Industrial Power Supply	110%
	Large Industrial Power Supply	111%
	<b>HT Industrial aggregate</b>	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%
	<b>LT Industrial aggregate</b>	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%

### Lakshadweep<sup>11</sup>

	2021-22	
Category	Sub-category	Lakshadweep ED
LT Commercial	Commercial	29%
LT Industrial	Industrial	67%
HT Industrial	HT Industrial	38%

### Notes:

## Latest Cross Subsidy Details for Commercial and Industrial Consumers

- 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 1<sup>st</sup> April 2020
- B. State level aggregation is based on average of DISCOM level values weighted against corresponding energy sales.

### Remarks:

1. For the state of Assam & Madhya Pradesh Cross subsidy has been calculated based on direct values of ABR given in tariff order.
2. For the state of Bihar, in the absence of category wise sales and revenue data at DISCOM level the cross subsidy has been estimated at state level.
3. For Delhi, in absence of categorization, all Industrial connections have been assumed to be connected at HT.
4. For the state of Gujarat, the revenue also includes revenue from FPPCA charges at a rate of Rs 1.8/kWh.
5. For the state of Haryana, in the absence of category wise revenue data the cross-subsidy values have been taken directly from tariff order
6. For the state of Odisha, broad voltage wise ABR and cross subsidy values have been taken from tariff order.
7. For the state of Rajasthan, Himachal Pradesh, and Chandigarh (UT), In absence of categorization Large and Medium Industries have been assumed to be connected at HT whereas the small industries at LT.
8. For the state of Tripura, in absence of categorization Industrial, commercial & bulk mixed have been assumed to be connected at LT
9. For the state of Nagaland, in absence of categorization Industrial consumers have been assumed to be connected at LT
10. For Andaman & Nicobar Islands, in absence of categorization, Industrial, commercial & bulk supply have been assumed to be connected at LT
11. Being a Power Department, revenue gap is being met through Government budgetary support. Therefore, commercial, and industrial categories do not cross subsidize any other categories.



## SECTION 7

# OPEN ACCESS CHARGES

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## Cross Subsidy Surcharge

(Figures Rs./kWh)

Andhra Pradesh	2021-22		
Category	APSPDCL	APEPDCL	APCPDCL <sup>A</sup>
<b>HT Category at 11 kV</b>			
III (A) Industry General	1.67	1.71	1.7
III (B) Seasonal Industry	4.92	3.29	2.75
IV (A) Utilities	2.00	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 VI: Townships & Residential Colonies	1.72	1.50	2.68
<b>HT Category at 33 kV</b>			
III (A) Industry General	1.49	1.50	1.38
III (B) Seasonal Industry	-	2.13	-
IV (A) Utilities	1.74	1.39	-
IV (B) General Purpose	2.21	-	2.39
II (A) Commercial	2.40	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	-	-	-
<b>HT Category at 132 kV</b>			
II (A) Commercial	1.82	2.00	-
II (B) Start Up Power	-	2.45	-
III (A&B) Industry General & Seasonal Industry	1.55	-	1.40
II (D) Functions halls & Auditoriums/ Start Up Power	2.45	-	-
HT IV: Private Irrigation and Agriculture	1.43	-	1.43
HT V: Railway Traction	1.69	1.35	1.38
HT I (A): General	-	1.56	-

Assam	2021-22
Category	APDCL

## 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 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)	1.8	1.8
For HTSS consumers (33 kV & 11 kV)	0.25	0.25

Chhattisgarh	2020-21
Category	CSPDCL
220 kV/132 kV	1.31
33 kV	1.14

Delhi	2020-21		
Category	BRPL	BYPL	TPDDL
Industrial			
Above 66kV level	1.68	1.80	1.65
At 33/ 66kV level	1.68	1.80	1.65
At 11 kV level	1.66	1.80	1.65
At LT level	1.18	1.80	1.54
Non-Domestic			
Above 66kV level	1.96	2.00	2.06
At 33/ 66kV level	1.96	2.00	2.06

## Cross Subsidy Surcharge

(Figures Rs./kWh)

Delhi	2020-21		
Category	BRPL	BYPL	TPDDL
At 11 kV level	1.96	2.00	2.06
At LT level	1.96	2.00	2.06
<b>DMRC</b>			
Above 66kV level	0.39	0.83	1.65
At 33/ 66kV level	-	0.05	1.65
At 11 kV level	-	0.00	1.65
At LT level	-	-	1.54
<b>DJB</b>			
Above 66kV level	1.84	1.88	2.06
At 33/ 66kV level	1.84	1.88	2.06
At 11 kV level	1.84	1.88	2.06
At LT level	1.84	1.88	2.06
<b>DIAL</b>			
Above 66kV level	1.66	1.8	0.49
At 33/ 66kV level	1.65	1.8	0.42
At 11 kV level	1.59	1.8	0.27
At LT level	1.10	1.8	0.09

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	2021-22
Category	JBVNL

## Cross Subsidy Surcharge

(Figures Rs./kWh)

Jharkhand	2021-22
Category	JBVNL
Industrial- HTS 11 kV	1.41

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	2.32	2.32	2.32	2.32
HT-2b (i) Commercial	2.62	1.81	1.81	1.81	1.81
HT-2b (ii) Commercial	2.32	2.03	2.03	2.03	2.03
HT-2c (i)	1.81	0.62	0.62	0.62	0.62
HT-2c (ii)	2.03	0.89	0.89	0.89	0.89
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	1.60	1.60	1.60
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

Maharashtra	2021-22
Category	MSEDCL
HT Category - EHV (66 kV and above)	



## Cross Subsidy Surcharge

(Figures Rs./kWh)

Maharashtra	2021-22
Category	MSEDCL
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)	1.14
HT IX(B): HT - Public Services-Others	1.98
<b>HT Category - 33 kV, 22 kV &amp; 11 kV</b>	
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	1.18
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

Odisha	2021-22			
Category	TPCODL	NESCO	TPSODL	TPWODL

## 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	2019-20		
Category	AVVNL	JdVVNL	JVVNL
<b>Non- Domestic service</b>			
11KV	2.16	2.16	2.16
33KV	2.10	2.10	2.10
132KV and above	2.08	2.08	2.08
<b>Mixed Load/ Bulk Supply</b>			
11KV	1.87	1.87	1.87
33KV	1.81	1.81	1.81
132KV and above	1.80	1.80	1.80
<b>Large Industrial Service</b>			
11KV	1.78	1.78	1.78
33KV	1.72	1.72	1.72
132KV and above	1.70	1.70	1.70

Telangana	2018-19	
Category	TSNPDCL	TSSPDCL
<b>HT Category 11 kV</b>		
HT-I Industry General	1.66	1.65
HT-II – Others	1.97	2.03
HT - III Airport Bus and Railway Station	1.77	1.80
HT-IV Lift Irrigation & Agriculture & CPWS	0.21	0.36
HT-VI Townships & Residential Colonies	0.90	1.31
HT-Temporary Supply	-	2.76
<b>HT Category 33kV</b>		
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
<b>HT Category 132kV</b>		
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	2020-21				
Category	DVVNL	KESCO	PVVNL	PuVVNL	MVVNL
HV-3 (Supply above 11 kV)	-	-	-	-	-
HV-4 (Supply above 11 kV)	1.93	1.93	1.93	1.93	1.93

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

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

## Cross Subsidy Surcharge

(Figures Rs./kWh)

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

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

## Cross Subsidy Surcharge

(Figures Rs./kWh)

Tamil Nadu	2018-19
Category	TANGEDCO
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
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

## Cross Subsidy Surcharge

(Figures Rs./kWh)

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 1<sup>st</sup> April 2020

**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
<b>DISCOMS</b>		
<b>Andhra Pradesh<sup>2</sup></b>	2021-22	N/A
APEPDCL	2021-22	N/A
APSPDCL	2021-22	N/A
APCPDCL <sup>#</sup>	2021-22	N/A
<b>Assam</b>	2021-22	N/A
APDCL	2021-22	N/A
<b>Bihar<sup>3</sup></b>	2021-22	N/A
NBPDCL	2021-22	N/A
SBPDCL	2021-22	N/A
<b>Chhattisgarh<sup>4</sup></b>	2020-21	N/A
CSPDCL	2020-21	N/A
<b>Delhi<sup>1</sup></b>	2020-21	1.29-1.76 (Oct-Apr), 0.64-0.88 (May-Sep)
BRPL	2020-21	1.46 (Oct-Apr), 0.73 (May-Sep)
BYPL	2020-21	1.29 (Oct-Apr), 0.64 (May-Sep)
TPDDL	2020-21	1.76 (Oct-Apr), 0.88 (May-Sep)
<b>Gujarat</b>	2021-22	0.37 (Apr-Sep), 0.60 (Oct-Mar)
DGVCL	2021-22	0.37 (Apr-Sep), 0.60 (Oct-Mar)
MGVCL	2021-22	0.37 (Apr-Sep), 0.60 (Oct-Mar)
PGVCL	2021-22	0.37 (Apr-Sep), 0.60 (Oct-Mar)
UGVCL	2021-22	0.37 (Apr-Sep), 0.60 (Oct-Mar)
<b>Haryana<sup>5</sup></b>	2021-22	1.15
DHBVNL	2021-22	1.15
UHBVNL	2021-22	1.15
<b>Jharkhand<sup>6</sup></b>	2020-21	0.00
JBVNL	2020-21	0.00
<b>Karnataka</b>	2021-22	1.06-3.12
BESCOM	2021-22	1.06
CHESCOM	2021-22	2.98
GESCOM	2021-22	2.38
HESCOM	2021-22	2.82
MESCOM	2021-22	3.12
<b>Madhya Pradesh</b>	2021-22	1.11
MPMaKVCL	2021-22	1.11

## Additional Surcharge

(Figures in Rs/kWh)

	Applicable Period	Additional Surcharge
MPPaKVVCL	2021-22	1.11
MPPoKVVCL	2021-22	1.11
<b>Maharashtra</b>	2021-22	1.29
MSEDCL	2021-22	1.29
<b>Meghalaya<sup>7</sup></b>	2021-22	0.44
MePDCL	2021-22	0.44
<b>Odisha<sup>8</sup></b>	2021-22	0.00
TPCODL	2021-22	0.00
NESCO Utility	2021-22	0.00
TPSODL	2021-22	0.00
TPWODL	2021-22	0.00
<b>Rajasthan</b>	2019-20	0.80
AVVNL	2019-20	0.80
JdVVNL	2019-20	0.80
JVVNL	2019-20	0.80
<b>Telangana</b>	2018-19	0.52
TSNPDCL	2018-19	0.52
TSSPDCL	2018-19	0.52
<b>Uttar Pradesh</b>	2020-21	N/A
DVVNL	2020-21	N/A
KESCO	2020-21	N/A
MVVNL	2020-21	N/A
PaVVNL	2020-21	N/A
PuVVNL	2020-21	N/A
<b>Uttarakhand</b>	2021-22	1.13
UPCL	2021-22	1.13
<b>GEDCO/Integrated Utilities</b>		
<b>Himachal Pradesh</b>	2021-22	0.61
HPSEBL	2021-22	0.61
<b>Kerala<sup>9</sup></b>	2018-19	0.00
KSEBL	2018-19	0.00
<b>Manipur</b>	2021-22	N/A
MSPDCL	2021-22	N/A
<b>Punjab</b>	2021-22	1.16
PSPCL	2021-22	1.16



## Additional Surcharge

(Figures in Rs/kWh)

	Applicable Period	Additional Surcharge
<b>Tamil Nadu</b>	2017-18	0.00
TANGEDCO	2017-18	0.00
<b>Tripura<sup>10</sup></b>	2020-21	N/A
TSECL	2020-21	N/A
<b>West Bengal<sup>12</sup></b>	2017-18	N/A
WBSEDCL	2017-18	N/A
<b>Power Departments</b>		
<b>Arunachal Pradesh<sup>13</sup></b>	2018-19	N/A
Arunachal PD	2018-19	N/A
<b>Goa</b>	2021-22	0.89
Goa PD	2021-22	0.89
<b>Jammu &amp; Kashmir<sup>14</sup></b>	2016-17	N/A
JKPDD	2016-17	N/A
<b>Mizoram<sup>8</sup></b>	2021-22	N/A
Mizoram PD	2021-22	N/A
<b>Nagaland<sup>10</sup></b>	2020-21	N/A
Nagaland PD	2020-21	N/A
<b>Puducherry</b>	2021-22	1.05
Puducherry PD	2021-22	1.05
<b>Sikkim<sup>8</sup></b>	2021-22	N/A
Sikkim PD	2021-22	N/A
<b>Union Territories</b>		
<b>Andaman &amp; Nicobar<sup>11</sup></b>	2020-21	N/A
ED Andaman & Nicobar	2020-21	N/A
<b>Chandigarh</b>	2021-22	1.20
Chandigarh ED	2021-22	1.20
<b>Dadra &amp; Nagar Haveli</b>	2021-22	1.43
DNHPDCL	2021-22	1.43
<b>Daman &amp; Diu</b>	2021-22	1.44
Daman & Diu ED	2021-22	1.44
<b>Lakshadweep<sup>8</sup></b>	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 1<sup>st</sup> April 2020
- B. 'N/A' denotes that the value of Additional Surcharge is not available in the latest tariff order

**Remarks:**

1. Source: Determination of Open access charges and related matters order dated 12.09.2019 (Delhi)
2. For the states of Andhra Pradesh, the commission have allowed for a separate petition to approve Additional Surcharge, the same has not been approved (or filed) yet.
3. For the state of Bihar, the commission has asked the Discoms to file separate petition for approval of additional surcharge by June 2021, in the absence of which no additional surcharge shall be approved for the FY 2022.
4. For the state of Chhattisgarh, the commission has not approved any additional surcharge under wheeling/open access charges for FY 2021.
5. For the state of Haryana, the commission, in its ARR tariff order for FY 2022, has allowed the additional surcharge of Rs 1.15/kWh approved in its MYT TO dated 1/06/2020 to continue, while the Discoms have been asked to file separate petition for approval of addition surcharge.
6. For the state of Jharkhand, the commission has not approved any additional surcharge under open access charges for FY 2022
7. For the state of Meghalaya, additional surcharge applicable for 2019-20 has been allowed to be continued in ARR for 2021-22
8. For the state of Odisha, Mizoram, Sikkim, Lakshadweep the commission in its ARR for FY 2021-22 has approved no additional surcharge
9. For the state of Kerala, the commission has not approved any additional surcharge in MYT Order, and this will be taken into consideration during truing up
10. For the state of Tripura, Nagaland the commission has not approved any additional surcharge under open access charges for FY 2021
11. For the state of Andaman & Nicobar Islands the commission has not approved any additional surcharge under open access charges for FY 2022
12. For the state of West Bengal, the commission has not approved any additional surcharge under open access charges for FY 2018
13. For the state of Arunachal Pradesh, the commission has not approved any additional surcharge under open access charges for FY 2019
14. For the state of Jammu & Kashmir, the commission has not approved any additional surcharge under open access charges for FY 2017



## SECTION 8

# CUMULATIVE REVENUE GAP/SURPLUS

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## 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	<ol style="list-style-type: none"> <li>1. The Commission in its tariff order for FY 2022 has approved a Revenue gap of Rs 7,433.8 Cr against the ARR of FY 2022, which includes Trued up revenue gaps of 4 years (FY 2015-19), provisional true down for FY 2021.</li> <li>2. The Commission has allowed the approved Revenue gaps for FY 2022 and FY 2020 to be bridged through tariff subsidy in the absence of which, the Discoms are allowed to charge Full Cost Recovery Tariff Schedule (FCRTS) as approved by the Commission.</li> </ol>
Assam	313	2019-20	2021-22	<ol style="list-style-type: none"> <li>1. The commission, in its tariff order for FY 2022 has approved a cumulative revenue surplus of 123.65 Cr till FY 2022, which includes the trued up impact of Rs 224.37 Cr till FY 2020 along with its carrying costs and the standalone revenue gap for FY 2022.</li> <li>2. The commission, in the above tariff order has provisionally approved a Revenue gap of Rs 437.11 Cr for FY 2021, which includes the trued-up Revenue Gap of FY 2019.</li> <li>3. Total revenue gap is arrived at by adding the revenue gaps/surpluses of (1) and (2) above.</li> </ol>
Bihar	(168)	2019-20	2021-22	<ol style="list-style-type: none"> <li>1. The commission, in its tariff order for FY 2022 has approved a revenue surplus of Rs 0.69 Cr, which includes the trued-up impact of Rs 470.22 Cr till FY 2020 and standalone Revenue Gap for FY 2022.</li> <li>2. The commission, in the above order has provisionally approved a Revenue surplus of Rs 167.22 Cr for FY 2021, which includes the impact of true up till FY 2019.</li> <li>3. Total revenue gap is arrived at after adding the revenue gaps/surpluses of (1) and (2) above.</li> </ol>

## Cumulative Revenue Gap/Surplus

DISCOMS	Cumulative Revenue Gap (+) / Surplus (-) in Rs Crore	Latest True Up	Latest ARR	Remarks
Chhattisgarh	(318)	2018-19 (Provisional)	2020-21	<ol style="list-style-type: none"> <li>1. The Commission in its tariff order for FY 2022 has approved a Revenue gap of Rs 222.22 Cr against the ARR of FY 2022, which includes trued up Revenue gap (including carrying cost) of Rs 1,548.08 Cr till FY 2019 and standalone revenue surplus of Rs 1,244.17 Cr for FY 2021.</li> <li>2. The commission, in its ARR tariff order for FY 2020 had approved revenue surplus of Rs 540 Cr which included trued up revenue gap of Rs 2,075 Cr till FY 2017.</li> <li>3. Total revenue gap is arrived at after adding the revenue gaps/surpluses of (1) and (2) above.</li> </ol>
Delhi	7,473	2018-19	2020--21	<ol style="list-style-type: none"> <li>1. The Commission in its tariff order for FY 2022 has approved a cumulative revenue gap of Rs 7,657 Cr trued up till FY 2019 and a standalone revenue surplus of Rs 54 Cr for FY 2021.</li> <li>2. The commission in its ARR tariff order for FY 2020 had approved revenue surplus of 130 Cr for FY 2020, which included impact of true up till FY 2018.</li> <li>3. Total revenue gap is arrived at after adding the revenue gaps/surpluses of (1) and (2) above.</li> </ol>
Gujarat	(4,720)	2019-20	2021-22	<ol style="list-style-type: none"> <li>1. The Commission in its tariff order for FY 2022 has approved a standalone revenue surplus of Rs 1,718.25 Cr for FY 2022 and a cumulative revenue surplus of Rs 3,641 Cr trued up till FY 2020.</li> <li>2. The commission, in its ARR tariff order for FY 2021 had approved revenue gap of Rs 639.43 Cr, which included trued up revenue gap of Rs 640.33 Cr till FY 2019.</li> <li>3. Total revenue gap is arrived at after adding the revenue gaps/surpluses of (1) and (2) above.</li> </ol>
Haryana	(127)	2019-20	2021-22	<ol style="list-style-type: none"> <li>1. The commission, in its tariff order for FY 2022 has approved a revenue surplus of Rs 210 Cr trued up till FY 2020 and a standalone revenue gap of Rs 76.01 Cr for FY 2022.</li> <li>2. The commission, in its ARR for FY 2021 had approved a revenue gap of Rs 7 Cr. for FY</li> </ol>

## Cumulative Revenue Gap/Surplus

DISCOMS	Cumulative Revenue Gap (+) / Surplus (-) in Rs Crore	Latest True Up	Latest ARR	Remarks
				2021 which included the impact of true up till FY 2019. 3. Total revenue gap is arrived at by adding the revenue gaps/surpluses of (1) and (2) above.
<b>Jharkhand</b>	196	2018-19	2020-21	1. The commission in its tariff order for FY 2021 has approved a cumulative revenue gap of Rs 196 Cr till FY 2021. This includes a trued-up revenue gap of Rs 1,132 Cr. for FY 2019 and provisional true up revenue surplus of Rs 707 Cr, carry forward interest cost and a standalone revenue surplus of Rs 137 Cr for FY 2021.
<b>Karnataka</b>	-	2018-19	2021-22	1. The commission in its tariff order for FY 2022 has approved a nil revenue gap for FY 2022 which includes trued up revenue gap/surplus for FY 2020. 2. The commission, in its tariff order for FY 2021 had approved nil revenue gap for FY 2021 and this includes the impact of trued up revenue gap/surplus for FY 2019. 3. As a practice, revenue gap approved in any year (post tariff subsidy) is bridged through tariff hike.
<b>Madhya Pradesh</b>	2,401	2013-14	2021-22	1. The commission in its tariff orders for FY 2022 and FY 2021 has approved nil revenue gap at revised tariffs for these years. 2. The commission in its tariff order for FY 2020 had approved a revenue gap of Rs 2400.76 Cr for FY 2020 (at existing tariff) which included a revenue gap for FY 2020 and trued up revenue gap of Rs 3,919.48 Cr till FY 2014.
<b>Maharashtra</b>	10,241	2018-19	2021-22	1. The commission in its MYT tariff order for FY 2021-25 has approved a cumulative Revenue Gap of 10,241 Cr till FY 2022. The approved revenue gap includes: a) Accrued revenue gap of Rs 11,634 Cr till FY 2021 and it is carrying cost of Rs 1,105 Cr b) Revenue surplus of Rs 6,946 Cr for the FY 2022. c) Recovery of 4,448 Cr through tariff hike.

## Cumulative Revenue Gap/Surplus

DISCOMS	Cumulative Revenue Gap (+) / Surplus (-) in Rs Crore	Latest True Up	Latest ARR	Remarks
Meghalaya	290	2017-18	2021-22	<ol style="list-style-type: none"> <li>1. The commission in its MYT order (FY 2022-24) has approved a revenue surplus of Rs 47.39 Cr against the ARR for FY 2022 which includes revised trued-up revenue gap of Rs 135.69 Cr for FY 2018.</li> <li>2. The commission, in its tariff order for FY 2021 has approved a revenue gap of Rs 224.73 Cr, against the ARR for FY 2021 which includes trued up revenue gap of Rs 173.44 Cr for FY 2017, standalone revenue gap of Rs 15 Cr for FY 2016 and a standalone revenue surplus of Rs 12.96 Cr for FY 2015.</li> <li>3. The commission has approved a standalone revenue gap of Rs 113 Cr for FY 2019.</li> <li>4. ARR Tariff order for 2020 is not available.</li> <li>5. Total revenue gap is arrived at by adding the revenue gaps/surpluses of (1), (2) and (3) above.</li> </ol>
Odisha	1,317	2013-14	2021-22	<ol style="list-style-type: none"> <li>1 The commission in its tariff order for FY 2016 had approved a revenue gap of Rs 1,599.66 Cr (till FY 2014 during the true up process).</li> <li>2 In its ARR tariff order for subsequent year the commission has approved a standalone revenue surplus of Rs 32.54 Cr., 36.71 Cr., 15.95 Cr. 17.76 Cr., 20 Cr, 4 Cr, 79 Cr and 77 Cr for FY 2015, 16, 17, 18, 19, 20, 21 and 22 respectively.</li> <li>3 Total revenue gap is arrived at after adding standalone revenue surpluses of FY 2015 till FY 2022 to the trued revenue gap till FY 2014.</li> </ol>
Rajasthan	48,912	2018-19	2019-20	<ol style="list-style-type: none"> <li>1 The commission in its true up order for FY 2019 has approved an cumulative revenue gap till FY 2019 of Rs 44,023.53 Cr.</li> <li>2 The Commission in its tariff order for FY 2020 has approved a standalone revenue gap of Rs.5,681 Cr. and excess revenue of Rs 792 Cr. through tariff increase.</li> <li>3 Total revenue gap is arrived at after adding the revenue gaps/surpluses of (1) and (2) above.</li> </ol>

## Cumulative Revenue Gap/Surplus

DISCOMS	Cumulative Revenue Gap (+) / Surplus (-) in Rs Crore	Latest True Up	Latest ARR	Remarks
Telangana	N/A	206-17 (Provisional)	2018-19	<ol style="list-style-type: none"> <li>The Commission in its ARR tariff order for FY 2019 had approved a standalone revenue gap of Rs 5,940.57 Cr for FY 2019 at reference tariff. Against this revenue gap, tariff subsidy of Rs 4,984.30 Cr was available upfront. GoTS had further assured to consider the left-over gap at appropriate time.</li> <li>Though the commission had provisionally approved true up for FY 2015 and 2016 in the tariff order for FY 2018, the final true up for 1st, 2nd and 3rd control period has not been approved yet and the DISCOMs have been asked to submit petition.</li> </ol>
Uttar Pradesh	(789)	2018-19	2020-21	<ol style="list-style-type: none"> <li>The Commission in its tariff order for FY 2021 has approved a cumulative revenue surplus of Rs 789.07 Cr till FY 2021. This surplus has been estimated (by SERC) by subtracting trued up revenue gap of Rs 62.65 Cr till FY 2019 and a provisional revenue gap of Rs 3,279.25 Cr for APR of FY 2020 from ARR of FY 2021.</li> </ol>
Uttarakhand	(60)	2019-20	2021-22	<ol style="list-style-type: none"> <li>The Commission in its tariff order for FY 2022 has approved a revenue surplus of Rs 59.55 Cr. This has been estimated (by SERC) by subtracting trued up revenue gap of Rs 620.30 Cr till FY 2020 and nil revenue gap for the APR of FY 2021 from ARR of FY 2022.</li> </ol>
Himachal Pradesh	(3)	2019-20	2021-22	<ol style="list-style-type: none"> <li>The commission in its tariff order for the FY 2022 has approved a cumulative revenue surplus of Rs 2.74 Cr against the ARR which includes: <ol style="list-style-type: none"> <li>Standalone trued-up revenue surplus of Rs 194.80 Cr for FY 2019.</li> <li>Standalone trued-up revenue surplus of Rs 93.86 Cr for FY 2020</li> <li>Provisionally trued-up revenue gap of Rs 100 Cr for controllable factors during 3rd MYT Control period (FY 2015-19)</li> </ol> </li> <li>The commission, in its tariff order for FY 2021 has approved nil revenue gap/surplus against the ARR for FY 2021 which includes the trued-up revenue gap till 2018.</li> <li>Total revenue gap is arrived at after adding the revenue gaps/surpluses of (1) and (2) above.</li> </ol>



## Cumulative Revenue Gap/Surplus

DISCOMS	Cumulative Revenue Gap (+) / Surplus (-) in Rs Crore	Latest True Up	Latest ARR	Remarks
Kerala	5,453	2017-18	2021-22	<ol style="list-style-type: none"> <li>The Commission in its true up order for FY 2017 had approved a cumulative revenue gap of Rs 5,693.25 Cr till FY 2017. Subsequently, the Commission in its MYT Tariff Order for FY 2019-22 has amortized the above revenue gap over the control period leaving a balance Revenue gap of Rs 2,593.25 Cr at the end of FY 2022.</li> <li>The commission, in its true up tariff order for FY 2018 has approved revenue gap of Rs 84.13 Cr.</li> <li>The commission in its MYT tariff order (FY 2019-22) has approved standalone revenue gaps of Rs 32.15 Cr, 800.56 Cr, 944.75 Cr and 998.53 Cr for FY 2019 ,2020,2021 and 2022.</li> <li>Total revenue gap is arrived at after adding the revenue gaps/surpluses of (1), (2) and (3) above.</li> </ol>
Manipur	N/A	2018-19 (Provisional)	2021-22	<ol style="list-style-type: none"> <li>The commission in its ARR tariff order for FY 2022 has approved nil revenue gap for FY 2022.</li> <li>The commission in the above order has not approved any revenue gap/surplus in the provisional true up for FY 2020 in the absence of audited accounts. Also, no revenue gap/surplus is approved for APR of FY 2021 in the absence of committed tariff subsidy quantum.</li> <li>The commission in its ARR tariff order for FY 2021 has approved nil revenue gap for FY 2021 at revised tariff (including subsidy and receivables). Further the commission has approved no revenue gap/surplus in the provisional true up for FY 2019 and APR of FY 2020.</li> <li>Cumulative revenue/gap has not been estimated in absence of a final true up.</li> </ol>
Punjab	(225)	2019-20	2021-22	<ol style="list-style-type: none"> <li>The commission in its tariff order for FY 2021 and 2022 has approved a cumulative revenue surplus of Rs 297.16 Cr till FY 2022. This includes: <ol style="list-style-type: none"> <li>Cumulative Surplus of Rs 1,349.67 Cr till FY 2020.</li> <li>Standalone Revenue surplus of Rs 651.02 Cr and Rs 417.76 Cr for FY 2021 and 2022 respectively along with a surplus of Rs 16.27 Cr on account of previous years</li> </ol> </li> </ol>

## Cumulative Revenue Gap/Surplus

DISCOMS	Cumulative Revenue Gap (+) / Surplus (-) in Rs Crore	Latest True Up	Latest ARR	Remarks
				adjustments.
Tamil Nadu	11,064	2015-16	2017-18	<ol style="list-style-type: none"> <li>The Commission in its MYT tariff order for FY 2017-19 has approved the following: <ol style="list-style-type: none"> <li>Cumulative revenue gap of Rs 30,884.15 Cr at the end of FY 2016 in the final true up of the period FY 2012-16.</li> <li>Adjusted the above revenue gap against debt taken over under UDAY and approved a cumulative revenue gap (Regulatory Assets) of Rs 10,432 at the end of FY 2017.</li> <li>Revenue gap of Rs 2,864.47 Cr for FY 2017 and Revenue surplus of Rs 2,231.59 Cr. for FY 2018.</li> </ol> </li> <li>The cumulative revenue gap has been estimated by adding revenue gap/surplus from a), b) and c) above</li> </ol>
Tripura	248	2016-17	2020-21	<ol style="list-style-type: none"> <li>The Commission in its MYT tariff order for FY 2017-21 has approved a cumulative revenue gap of Rs 247.55 Cr at the end of FY 2021. This includes: <ol style="list-style-type: none"> <li>Final trued up revenue gap of Rs 183.05 Cr for the period FY 2014-17</li> <li>Revenue surplus of Rs 17.7 Cr trued up based on audited accounts for FY 2018 and provisional accounts for FY 2019,</li> <li>Standalone revenue gap of Rs 29.76 Cr and Rs 13.76 Cr against the ARR for FY 2021 and FY 2020 respectively, and</li> <li>Total carrying cost of Rs 36.66 Cr.</li> </ol> </li> </ol>
West Bengal	15,458	2012-13	2017-18	<ol style="list-style-type: none"> <li>The latest approved APR by the commission is for FY 2012-13 which was adjusted in the ARR of FY 2015.</li> <li>As per audited accounts of WBSEDCL, the balance Regulatory Assets at the end of FY 2020 was Rs 15,458.49 Cr. The Utility is yet to achieve a regulatory approval to the same</li> </ol>

## Cumulative Revenue Gap/Surplus

DISCOMS	Cumulative Revenue Gap (+) / Surplus (-) in Rs Crore	Latest True Up	Latest ARR	Remarks
<b>Arunachal Pradesh</b>	N/A	2016-17	2018-19	<ol style="list-style-type: none"> <li>1. The commission in its tariff order for FY 2019 has approved a revenue gap of Rs 379 Cr for FY 2019, which does not include revenue gap/surplus from true up of FY 2017. The commission has followed similar practice in the previous ARRs also.</li> <li>2. The cumulative revenue gap could not be estimated in the absence of a cumulative true up of previous years.</li> </ol>
<b>Goa</b>	Nil	2016-17	2021-22	<ol style="list-style-type: none"> <li>1. The commission in its ARR tariff order for FY 2022 has approved a trued-up revenue gap of Rs 47.54 Cr for FY 2017 and a standalone revenue gap of Rs 378.81 Cr for FY 2022. both of which is to be bridged through government budgetary support. in line with the practice followed in previous years.</li> <li>2. Goa PD has not submitted true up petition for FY 2018,2019 and 2020.</li> <li>3. The cumulative revenue gap is nil as the revenue gap approved in each year by the commission is met through government budgetary support.</li> </ol>
<b>Mizoram</b>	(157)	2019-20	2021-22	<ol style="list-style-type: none"> <li>1. The commission in its Tariff Order for FY 2022 has approved nil Revenue Gap against the ARR of FY 2022 which includes 1/3rd of revenue surplus (Rs 59.36 Cr) trued up till FY 2020.</li> <li>2. The commission in the above tariff order has not approved any revenue gap/surplus in the APR for FY 2021 due to absence of subsidy quantum committed by the state government.</li> <li>3. The commission in its Tariff Order for FY 2021 has approved nil Revenue Gap against the ARR for FY 2021 which includes 1/3rd of revenue surplus (Rs 19.14 Cr) trued up till FY 2019.</li> <li>4. Total revenue gap is arrived at after adding the revenue gaps/surpluses of (1), (2) and (3) above.</li> </ol>
<b>Nagaland</b>		2014-15 (Provisional)	2020-21	<ol style="list-style-type: none"> <li>1. The commission in its latest MYT tariff order for FY 2021-25 has approved a standalone revenue gap of Rs 293.91 Cr. for FY 2021. However, the same is to be bridged through state government subsidy.</li> </ol>

## Cumulative Revenue Gap/Surplus

DISCOMS	Cumulative Revenue Gap (+) / Surplus (-) in Rs Crore	Latest True Up	Latest ARR	Remarks
				2. Further the commission has not carried out true up of FY 2019 and only provisional true up of FY 2014 and 2015 (in the tariff order for FY 2018) in the absence of audited accounts.
<b>Puducherry</b>	286	2019-20	2021-22	3. The commission has approved a cumulative revenue gap of Rs 286.45 Cr till FY 2022. This includes a) Trued up revenue gap of Rs 146.96 Cr at the end of FY 2019. b) Standalone trued revenue gap of Rs 210.86 Cr for FY 2020, Revenue surplus of Rs 81.91 Cr and Rs 39.03 Cr for FY 2021 and FY 2022 respectively, all inclusive of regulatory surcharges. c) Each of above carried forward till FY 2022 against a carrying cost of Rs 49.63 Cr.
<b>Sikkim</b>	427	2019-20 (Provisional)	2021-22	1. The commission in its MYT tariff order for FY 2022-24 has approved a standalone revenue gap of Rs 104.66 Cr for FY 2022 at revised tariff. 2. The commission in the above tariff order has provisionally approved a revenue gap of Rs 165.23 Cr till FY 2020 in the true up of FY 2020 and a revenue gap of Rs 157.67 Cr in the APR of FY 2021. 3. Total revenue gap is arrived at after adding the revenue gaps/surpluses of (1) and (2) above.
<b>Andaman and Nicobar Islands</b>	Nil	2016-17	2021-22	1. The commission in its tariff order for FY 2022 has approved a revenue gap of Rs 549.56 Cr. against the ARR of FY 2022 which includes nil revenue gap from the APR of FY 2021. This gap is to be met through government budgetary support 2. The commission in its tariff order for FY 2021 had approved a True up revenue gap of Rs 466.68 Cr till FY 2017 and Revenue gap of Rs 574.34 Cr in the ARR of FY 2021; both of which are to be met through government budgetary support. 3. The commission has not taken up the true up for FY 2018,19 and 20 in absence of audited accounts. 4. The cumulative revenue gap is nil as the revenue gap approved in each year by the

## Cumulative Revenue Gap/Surplus

DISCOMS	Cumulative Revenue Gap (+) / Surplus (-) in Rs Crore	Latest True Up	Latest ARR	Remarks
				commission is met through government budgetary support.
<b>Chandigarh</b>	(252)	2019-20	2021-22	1. The commission has approved a cumulative revenue surplus of Rs 251.91 Cr till FY 2022. This includes <ul style="list-style-type: none"> <li>a) Cumulative trued up revenue surplus of Rs 83.87 Cr at the end of FY 2019.</li> <li>b) Standalone trued up revenue surplus of Rs 57.02 Cr for FY 2020 and Revenue surplus of Rs 58.01 Cr and Rs 8.12 Cr for FY 2021 and FY 2022 respectively.</li> <li>c) Each of the above surplus were carried forward till FY 2022 against a carrying cost of (negative) Rs 44.89 Cr.</li> </ul>
<b>Dadar and Nagar Haveli</b>	(2.61)	2019-20	2021-22	1. The commission has approved a cumulative revenue surplus of Rs 2.61 Cr till FY 2022. This includes <ul style="list-style-type: none"> <li>a) Trued up revenue surplus of Rs 100.14 Cr at the end of FY 2019.</li> <li>b) Standalone trued revenue gap of Rs 276.99 Cr for FY 2020 and Revenue surplus of Rs 46.18 Cr and Rs 281.87 Cr for FY 2021 and FY 2022 respectively.</li> <li>c) Each of above carried forward till FY 2022 against a carrying cost of Rs 18.06 Cr.</li> <li>d) Revenue through increase in tariff during FY 2022 for Rs 130.53 Cr</li> </ul>
<b>Daman and Diu</b>	23.8	2019-20	2021-22	1. The commission has approved a cumulative revenue gap of Rs 23.80 Cr till FY 2022. This includes <ul style="list-style-type: none"> <li>a) Trued up revenue surplus of Rs 144.07 Cr at the end of FY 2019.</li> <li>b) Standalone trued revenue gap of Rs 157.42 Cr for FY 2020 and Revenue surplus of Rs 7.40 Cr and Rs 22.87 Cr for FY 2021 and FY 2022 respectively.</li> <li>c) (c) Each of above carried forward till FY 2022 against a carrying cost of (negative) Rs 5.02 Cr.</li> </ul>

## Cumulative Revenue Gap/Surplus

DISCOMS	Cumulative Revenue Gap (+) / Surplus (-) in Rs Crore	Latest True Up	Latest ARR	Remarks
Lakshadweep	Nil	2016-17	2021-22	<ol style="list-style-type: none"> <li>1. The commission in its ARR tariff order for FY 2021 has trued up revenue gaps of Rs 88.61 Cr and 96.09 Cr for FY 2016 and 2017 respectively.</li> <li>2. Lakshadweep ED has not submitted true up petition for FY 2018,2019 and 2020</li> <li>3. The commission in its respective tariff orders, has approved revenue gaps of Rs 121.47 and Rs 141.19 Cr for FY 2021 and 2022.</li> <li>4. The cumulative revenue gap is nil as the revenue gap approved in each year including true up is met through a combination of tariff increase and government budgetary support.</li> </ol>



## SECTION 9

# APPLICABILITY OF TOD TARIFF >>>>

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## 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	No	No	No	No	Yes	Yes
		Category	-	-	-	-	-	-	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	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	-	-	-	-	-	-	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)
Chhattisgarh	2020-21	Applicability (Yes/No)	No	No	No	No	No	No	Yes	Yes
		Category	-	-	-	-	-	-	1. HV-2 (Mines) 2. HV-2 (Other Industrial and General Purpose) 3. HV-4 Steel Industries	HV-3 (Bulk Supply)
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 100kW / 108 kVA and above						1. DIAL 2. Public Utilities 3. Others
Gujarat	2020-21	Applicability (Yes/No)	No	No	No	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	-	-	-	All Water works and sewerage pumps <sup>1</sup>	-	HTP-I <sup>2</sup> HTP-III <sup>3</sup>	HTP-I <sup>2</sup>	HTP-II <sup>4</sup> HTP-III <sup>3</sup>
Haryana	2021-22	Applicability (Yes/No)	No	No	No	No	No	Yes	Yes	Yes
		Category	-	-	-	-	-	1. H.T. Non-Domestic 2. Bulk Supply consumers (Excluding Bulk DS)	H.T Industry including Arc Furnace	Electric vehicle Charging station
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) <sup>5</sup> 2. LT-5 (b) <sup>6</sup>	-	-	1. HT-2B (i) <sup>5</sup> 2. HT-2B (ii) <sup>7</sup>	1. HT-2A (i) <sup>5</sup> 2. HT-2A (ii) <sup>8</sup>	1. HT 2 C (i) <sup>9</sup> 2. HT- 2C(ii) <sup>10</sup> 3. HT-1 Water Supply & Sewerage (Optional)
Madhya Pradesh	2021-22	Applicability (Yes/No)	No	No	No	No	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	-	-	-	-	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 <b>than</b> 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) <sup>11</sup>	(EV/HT6) <sup>12</sup>
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	2020-21	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) <sup>18</sup>	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 LT <sup>13</sup>	-	LT IV <sup>14</sup>	-	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 <sup>15</sup>	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	2017-18	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	Domestic consumer 50 kVA and above	Commercial Rural and Urban	1. Cottage Industry/Artisans/Weavers <sup>16</sup>	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



## 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
Jammu & Kashmir	2016-17	Applicability (Yes/No)	No	No	No	No	No	No	Yes	No
		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

## 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	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.

**Remarks:**

- ToD is applicable to this category having connected load of 50 HP and above but this TOD is only applicable to get discount while operating during off peak hours (1100 to 1800 hrs. and 2200 to 0600 hrs.).
- HT Consumers contracted for 100 KVA and above for regular power supply.
- HT Consumers contracted for 100 KVA and above for temporary power supply.
- HT Consumers contracted for 100 KVA and above, requiring power supply for water works and sewerage pumping stations run by local authorities
- Optional Industrial - Applicable to Bangalore Mahanagara Palike Municipal
- Optional Industrial - Applicable to all areas other than those covered under LT5(a)

## **Applicability of TOD Tariff**

7. Commercial - Applicable to areas other than those covered under HT2(b) (i)
8. Industrial - Applicable to areas other than those under HT2(a) (i).
9. Govt./ Aided Hospitals & Educational Institutions
10. Hospitals and Educational Institutions other than covered under HT-2 ( c) (i)
11. Large Industry Consumers having sanctioned connected load above 150 HP &/or contract demand above 125 HP.
12. Electric vehicle Charging station having contract/maximum demand above 50 KVA
13. Domestic consumers having monthly consumption above 500 units
14. Industrial consumer having connected load above 20 KW
15. Including Rural Water Supply Schemes & Compost/Solid Waste Management Plants
16. Poultry, duckery, horticulture, tissue culture, floriculture, herbal medicine, biodiesel plant farming, food processing unit and small production-oriented establishment not run by electricity as motive power
17. Advertisement and hoardings, temp supply, and connections, charging stations for e-rickshaws
18. Night concession tariff applicable for the state of Himachal Pradesh



## SECTION 10

# RETURN ON EQUITY

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## 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
<b>DISCOMS</b>				
<b>Andhra Pradesh</b>	2021-22	1,627 <sup>1</sup>	2.00%- Supply, 11.23%- Wire <sup>1</sup>	16.00%
APEPDCL	2021-22	Supply-21, Wire-468	2.00%- Supply, 11.23%- Wire	16.00%
APSPDCL	2021-22	Supply-31, Wire-1,090	2.00%- Supply, 11.23%- Wire	16.00%
APCPDCL <sup>B</sup>	2021-22	Supply-18	2.00%-Supply	NA
<b>Assam</b>	2021-22	76	16.00%	16.00%
APDCL	2021-22	76	16.00%	16.00%
<b>Bihar</b>	2021-22	516	14.00% & 15.50% <sup>2</sup>	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%
<b>Chhattisgarh</b>	2020-21	264	16.00%	16.00%
CSPDCL	2020-21	264	16.00%	16.00%
<b>Delhi</b>	2020-21	1,357 <sup>1</sup>	11.61%-14.39% <sup>1</sup>	16.00%
BRPL	2020-21	573	14.25%	16.00%
BYPL	2020-21	374	14.39%	16.00%
TPDDL	2020-21	410	11.61%	16.00%
<b>Gujarat</b>	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	256	14.00%	14.00%
PGVCL	2021-22	676	14.00%	14.00%
<b>Haryana</b>	2021-22	434	10.00% <sup>3</sup>	14.00%
DHBVNL	2021-22	220	10.00%	14.00%
UHBVNL	2021-22	214	10.00%	14.00%
<b>Jharkhand</b>	2020-21	322	15.50%	15.50%
JBVNL	2020-21	322	15.50%	15.50%
<b>Karnataka</b>	2021-22	563	0.00%-15.50%	15.50%
BESCOM	2021-22	285 <sup>5</sup>	15.50%	15.50%
CHESCOM	2021-22	0	0.00% <sup>4</sup>	15.50%
GESCOM	2021-22	0	0.00% <sup>4</sup>	15.50%
HESCOM	2021-22	0	0.00% <sup>4</sup>	15.50%
MESCOM	2021-22	152 <sup>5</sup>	15.50%	15.50%
<b>Madhya Pradesh</b>	2021-22	986	16.00%	16.00% <sup>6</sup>
MPMaKVVCL	2021-22	407	16.00%	16.00%
MPPaKVVCL	2021-22	218	16.00%	16.00%
MPPoKVVCL	2021-22	361	16.00%	16.00%
<b>Maharashtra</b>	2021-22	2,195	14.00%-15.50%	14.00%-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
MSEDCL	2021-22	240-Supply, 1,955- Wire	15.50%- Supply, 14.00%-Wire	15.5%- Supply, 14.00%-Wire
<b>Meghalaya<sup>7</sup></b>	2021-22	NA	0.00%	14.00%
MePDCL	2021-22	NA	0.00%	14.00%
<b>Odisha</b>	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%
<b>Rajasthan</b>	2019-20	NA	0.00% <sup>8</sup>	16.00%
AVVNL	2019-20	NA	0.00%	16.00%
JdVVNL	2019-20	NA	0.00%	16.00%
JVVNL	2019-20	NA	0.00%	16.00%
<b>Telangana</b>	2020-21	1,000 <sup>1</sup>	10.89% <sup>1</sup>	16.00%
TSNPDCCL	2020-21	353	10.89%	16.00%
TSSPDCL	2020-21	647	10.89%	16.00%
<b>Uttar Pradesh</b>	2020-21	1,738	15.00%	16.00%
DVVNL	2020-21	460	15.00%	16.00%
KESCO	2020-21	46	15.00%	16.00%
MVVNL	2020-21	263	15.00%	16.00%
PaVVNL	2020-21	519	15.00%	16.00%
PuVVNL	2020-21	450	15.00%	16.00%
<b>Uttarakhand</b>	2021-22	118	16.50%	16.50%
UPCL	2021-22	118	16.50%	16.50%
<b>GEDCO/Integrated Utilities</b>				
<b>Himachal Pradesh</b>	2021-22	56	16.00%	16.00%
HPSEBL	2021-22	56	16.00%	16.00%
<b>Kerala</b>	2021-22	254	14.00%	14.00%
KSEBL	2021-22	254	14.00%	14.00%
<b>Manipur</b>	2021-22	2	15.50%	15.50%
MSPDCL	2021-22	2	15.50%	15.50%
<b>Punjab</b>	2021-22	589	16.00%	16.00%
PSPCL	2021-22	58.8- Supply, 529.9- Wire	16.00%	16.00%
<b>Tamil Nadu</b>	2017-18	NA	0.00% <sup>9</sup>	14.00%
TANGEDCO	2017-18	NA	0.00%	14.00%
<b>Tripura</b>	2020-21	17	15.50%	15.50%
TSECL	2020-21	17	15.50%	15.50%
<b>West Bengal</b>	2017-18	372	16.50%	16.50%
WBSEDCL	2017-18	372	16.50%	16.50%
<b>Power Departments</b>				

## 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
<b>Arunachal Pradesh</b>	2018-19	NA	0.00% <sup>10</sup>	16.00%
Arunachal PD	2018-19	NA	0.00%	16.00%
<b>Goa</b>	2021-22	108	15.50%-16.00%	15.50%-16.00%
Goa PD	2021-22	11.08-Supply, 96.58-Wire	16%-Supply, 15.50%-Wire	16%-Supply, 15.50%-Wire
<b>Jammu &amp; Kashmir</b>	2016-17	NA	0.00% <sup>10</sup>	15.50% <sup>11</sup>
JKPDD	2016-17	NA	0.00%	15.50%
<b>Mizoram</b>	2021-22	NA	0.00% <sup>10</sup>	15.50%
Mizoram PD	2021-22	NA	0.00%	15.50%
<b>Nagaland</b>	2020-21	NA	0.00% <sup>12</sup>	15.50%
Nagaland PD	2020-21	NA	0.00%	15.50%
<b>Puducherry</b>	2021-22	48	15.50%-16.00%	15.50%-16.00%
Puducherry PD	2021-22	4.89-Supply, 42.64-Wire	16.00%-Supply, 15.50%-Wire	16.00%-Supply, 15.50%-Wire
<b>Sikkim</b>	2021-22	NA	0.00% <sup>10</sup>	14.00%
Sikkim PD	2021-22	NA	0.00%	14.00%
<b>Union Territories</b>				
<b>Andaman &amp; Nicobar</b>	2021-22	11	16.00%	16.00%
ED Andaman & Nicobar	2021-22	11	16.00%	16.00%
<b>Chandigarh</b>	2021-22	22	15.50%-16.00%	15.50%-16.00%
Chandigarh ED	2021-22	2.26- Supply, 19.74-Wire	16.00%-Supply, 15.50%-Wire	16.00%-Supply, 15.50%-Wire
<b>Dadra &amp; Nagar Haveli</b>	2021-22	25	15.50%-16.00%	15.50%-16.00%
DNHPDCL	2021-22	2.55- Supply, 22.21-Wire	16.00%-Supply, 15.50%-Wire	16.00%-Supply, 15.50%-Wire
<b>Daman &amp; Diu</b>	2021-22	17	15.50%-16.00%	15.50%-16.00%
Daman & Diu ED	2021-22	1.74- Supply, 15.21-Wire	16.00%-Supply, 15.50%-Wire	16.00%-Supply, 15.50%-Wire
<b>Lakshadweep</b>	2021-22	10	16.00%	16.00%
Lakshadweep ED	2021-22	10	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 (Distribution Utilities)

(Figures in %)

**Remarks:**

1. For Andhra Pradesh, Telangana and Delhi, the respective Commissions allows Return on Capital Employed (RoCE) - instead of RoE. Weighted Average Cost of Capital (WACC) values used for computing RoCE have been considered here as mentioned in respective tariff orders.
2. For the state of Bihar, the Commission has approved 14% RoE on equity upto FY 2016 end & 15.5% on equity w.e.f 1st April 2016 as per Clause 27(c) of the Multiyear Distribution Tariff Regulation 2018.
3. The commission has allowed only 10% as RoE for FY2022 on account of economic scenario arising out of COVID-19 pandemic and the resulting restriction/lockdown.
4. For HESCOM, GESCOM and CHESCOM the commission has not approved any RoE as the entity had a negative net worth for FY 2022.
5. For BESCOM and MESCOM (Karnataka), the Commission has approved pre-tax ROE of 18.78%, considering a Minimum Alternate Tax (MAT) rate of 17.47% as per the tariff order of FY22.
6. For the state of Madhya Pradesh, it is mentioned in the tariff regulations that "Return on equity shall be computed on pre-tax basis at the rate of 16%. Any expenses on payment of Income Tax shall be allowed extra on actual basis on the licensed business of Distribution Licensee".
7. In its MYT for 3rd control period (FY 2019-24), the commission has approved nil return on equity in anticipation of negative GFA based on projected capital investment and the receipt of the Govt. Grants.
8. For the state of Rajasthan, it is mentioned in the tariff order that "DISCOMs have not furnished the approval of government for claiming the Return on Equity, therefore, the Commission has not allowed Return on Equity for FY 2019-20".
9. For the state of Tamil Nadu, it is mentioned in the tariff order that, "the Commission has not allowed any return on equity due to the following reasons (i) Commission has approved interest on total outstanding loans as on November 2010, (ii) Based on available sources of funding, equity has been diverted towards revenue account from 2002-03 and hence the addition in equity base as per audited accounts is on account of funding the revenue expenditure and not for creation of capital assets, and (ii) loans approved for funding the capital expenditure for generating stations and distribution business during the control period are without considering the equity".
10. For Arunachal Pradesh, Mizoram, Sikkim, and Jammu and Kashmir the distribution licensee has not claimed RoE as the assets are being funded by the state government as a grant component.
11. For Jammu and Kashmir, it is mentioned in the tariff regulations that RoE shall be computed on pre-tax basis at the rate of 15.5% for the DISCOM.
12. For the state of Nagaland, the Commission has not approved return on equity for the control period of 2020-21 till 2024-25 due to non-submission of audited accounts of previous years by the petitioner.



## 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
<b>GENCOs</b>				
<b>Andhra Pradesh</b>	2021-22	568	11.80%	NA <sup>1</sup>
APGENCO	2021-22	568	11.80%	NA
<b>Assam</b>	2021-22	44	15.50%	15.50%
APGCL	2021-22	44	15.50%	15.50%
<b>Bihar</b>	2018-19	245	14.00%	14.00%
BSPGCL	2018-19	245	14.00%	14.00%
<b>Chhattisgarh</b>	2020-21	302 <sup>2</sup>	15.50% <sup>2</sup>	15.50% <sup>2</sup>
CSPGCL	2020-21	302	15.50%	15.50%
<b>Delhi</b>	2020-21	65	8.72%	NA <sup>1</sup>
IPGCL	2020-21	24	8.29%	NA
PPCL	2020-21	41	9.15%	NA
<b>Gujarat</b>	2021-22	1,056	14.00% <sup>3</sup>	14.00%
GSECL	2021-22	1,056	0.00%	14.00%
<b>Haryana</b>	2020-21	0	0.00% <sup>4</sup>	14.00%
HPGCL	2020-21	0	10.00%	14.00%
<b>Himachal Pradesh</b>	2018-19	29	15.50%	15.50%
HPSEB Ltd.	2018-19	29	15.50%	15.50%
<b>Jharkhand</b>	2020-21	3	15.50%	15.50%
JUUNL	2020-21	3	15.50%	15.50%
<b>Karnataka</b> <sup>5</sup>	2018-19	31	15.50%	15.50%
KPCL	2018-19	31	15.50%	15.50%
<b>Kerala</b>	2021-22	116	14.00%	14.00%
KSEB	2021-22	116	14.00%	14.00%
<b>Madhya Pradesh</b>	2015-16	340	15.50%	15.50%
MPPGCL	2015-16	340	15.50%	15.50%
<b>Maharashtra</b>	2021-22	1,586	14.00%	15.50%
MSPGCL	2021-22	1,586	14.00%	15.50%
<b>Manipur</b>	NA	NA <sup>6</sup>	NA <sup>6</sup>	15.50%
MSPCL	NA	NA	NA	15.50%
<b>Meghalaya</b>	2021-22	58	14.00%	14.00%
MePGCL	2021-22	58	14.00%	14.00%
<b>Odisha</b>	2021-22	152	16.00%	16.00%
OHPC	2021-22	80	15.50% & 16.00% <sup>7</sup>	16.00%
OPGCL	2021-22	72	16.00%	16.00%
<b>Punjab</b>	2021-22	386	15.50% - 16.50% <sup>8</sup>	15.50% - 16.50%
PSPCL	2021-22	386	15.50% - 16.50%	15.50% - 16.50%
<b>Rajasthan</b>	2020-21	480	15.00%	15.00%
RRVUNL	2020-21	480	15.00%	15.00%
<b>Tamil Nadu</b>	2018-19	0	0.00% <sup>9</sup>	14.00%
TANGEDCO	2018-19	0	0.00%	14.00%
<b>Telangana</b>	2018-19	1,747	13.40%	NA <sup>1</sup>

## 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	1,747	13.40%	NA
<b>Tripura</b>	2020-21	12	15.50% -16.50% <sup>8</sup>	15.50% - 16.50%
TPGL	2020-21	12	15.50% -16.50%	15.50% - 16.50%
<b>Uttar Pradesh</b>	2018-19	653	15.50%	15.50%
UPJVNL	2018-19	14	15.50%	15.50%
UPRVUNL	2018-19	639	15.50%	15.50%
<b>Uttarakhand</b>	2021-22	104	16.50% & 15.50% <sup>10</sup>	16.50% & 15.50% <sup>10</sup>
UJVNL	2021-22	104	16.50% & 15.50%	16.50% & 15.50%
<b>West Bengal</b>	2017-18	882 <sup>11</sup>	15.50%	15.50% <sup>11</sup>
WBPDC	2017-18	882	15.50%	15.50%
WBSEDCL	2017-18	0	0.00%	15.50%
<b>Power Departments</b>				
<b>Arunachal Pradesh</b>	2019-20	23	14.00%	14.00%
Arunachal PD	2019-20	23	14.00%	14.00%
<b>Goa</b>	2020-21	NA <sup>6</sup>	NA <sup>6</sup>	15.50% <sup>12</sup>
Goa PD	2020-21	NA	NA	15.50%
<b>Jammu &amp; Kashmir</b>	2015-16	254	14.00% <sup>12</sup>	15.50% & 16.50% <sup>13</sup>
JKSPDC	2015-16	254	14.00%	15.50% & 16.50%
<b>Mizoram</b>	2020-21	0	0.00% <sup>14</sup>	15.50%
Mizoram PD	2020-21	0	0.00% <sup>14</sup>	15.50%
<b>Nagaland</b>	2020-21	0	0.00% <sup>15</sup>	15.50%
Nagaland PD	2020-21	0	0.00% <sup>15</sup>	15.50%
<b>Puducherry</b>	2020-21	11	15.50%	15.50%
PPCL	2020-21	11	15.50%	15.50%
<b>Sikkim</b>	2020-21	0	0.00% <sup>14</sup>	14.00%
Sikkim PD	2020-21	0	0.00% <sup>14</sup>	14.00%
<b>Union Territories</b>				
<b>Andaman &amp; Nicobar</b>	2020-21	NA <sup>6</sup>	NA <sup>6</sup>	15.50% <sup>12</sup>
ED Andaman & Nicobar	2020-21	NA	NA	15.50%
<b>Chandigarh</b>	2020-21	NA <sup>6</sup>	NA <sup>6</sup>	15.50% <sup>12</sup>
Chandigarh ED	2020-21	NA	NA	15.50%
<b>Dadra &amp; Nagar Haveli</b>	2020-21	NA <sup>6</sup>	NA <sup>6</sup>	15.50% <sup>12</sup>
DNHPDC	2020-21	NA	NA	15.50%
<b>Daman &amp; Diu</b>	2020-21	NA <sup>6</sup>	NA <sup>6</sup>	15.50% <sup>12</sup>
Daman & Diu ED	2020-21	NA	NA	15.50%
<b>Lakshadweep</b>	2020-21	NA <sup>6</sup>	NA <sup>6</sup>	15.50% <sup>12</sup>
Lakshadweep ED	2020-21	NA	NA	15.50%

## Return on Equity (Generation Utilities)

(Figures in %)

### Remarks:

1. For Andhra Pradesh, Telangana and Delhi, the respective Commissions allow RoCE instead of RoE. As per the respective tariff regulations, the Regulated Rate Base (RRB) for estimating the RoCE for a given year of the control period shall be determined at the beginning of the control period in the corresponding tariff order.
2. For the state of Chhattisgarh, the Commission has approved a pre-tax RoE of Rs. 302 Crore as per the MYT order for the control period 2016-17 till 2020-21.
3. For the state of Gujarat, the Commission has considered RoE of 13% for Gandhinagar-5, Wanakbori-7 and Dhuvaran CCPP 1 and RoE of 14% for all other stations.
4. For the state of Haryana, the Commission has not allowed ROE for 2020-21 due to the unprecedented situation emanating from the COVID-19 pandemic and the resulting restriction/lockdown ordered by Central Government/State Government
5. 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.
6. For the states of Manipur & Goa and Union territories, the respective commissions have not approved any RoE as the individual states/UTs do not own any separate generation asset/Utility.
7. For the State of Odisha, The Commission has considered RoE of 15.5% for old generating stations and RoE of 16% for UIHEP
8. For the state of Punjab and Tripura, it is mentioned in the tariff regulations that return on equity shall be computed at the rate of 15.50% and 16.50% for thermal power stations and storage type hydro generating stations respectively.
9. For the state of Tamil Nadu, it is mentioned in the tariff order that, “the Commission has not allowed any return on equity due to the following reasons (i) Commission has approved interest on total outstanding loans as on November 2010, (ii) Based on available sources of funding, equity has been diverted towards revenue account from 2002-03 and hence the addition in equity base as per audited accounts is on account of funding the revenue expenditure and not for creation of capital assets, and (ii) loans approved for funding the capital expenditure for generating stations and distribution business during the control period are without considering the equity”.
10. For the state of Uttarakhand, the Commission has approved return on equity at the rate of 16.50% for Chibro, Khodri, Ramganga & MB-I & II and at the rate of 15.50% for Dhakrani, Dhalipur, Kulhal, Chilla & Khatima as per the MYT Order for the control period 2019-20 to 2020-22.
11. For the state of West Bengal, it is mentioned in the tariff regulations that return on equity will be estimated at a rate specified in the Central Electricity Regulatory Commission (CERC) MYT Regulation in effect. For WBSEDCL, the Commission has not approved return on equity as per the tariff order 2017-18 for Generation Business.
12. For the state of Goa and Power Departments (PDs) under JERC, it is mentioned in the tariff regulation that the RoE shall be estimated based at a rate specified in the prevalent CERC Tariff

## Return on Equity (Generation Utilities)

(Figures in %)

Regulations.

13. For Jammu and Kashmir, it is mentioned in the tariff regulations that return on equity shall be computed at a rate of 15.50% for thermal generating stations and run of the river hydro generating stations and at the rate of 16.50% for the storage type hydro generating stations. The Commission has approved RoE for 2015-16 as per Regulation 18 and Regulation 25 of the JKSERC (Hydro Generation Tariff) Regulations, 2011.
14. For Mizoram and Sikkim, the Commission has not approved RoE as the assets are being funded by the state government as a grant component.
15. For the state of Nagaland, the Commission has not allowed any RoE for FY 2021 in absence of audited accounts viz. profit & loss account, balance sheet etc.

## 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
<b>TRANSCO</b>				
<b>Andhra Pradesh</b>	2021-22	1,083	11.23% <sup>1</sup>	NA <sup>1</sup>
APTRANSCO	2021-22	1,083	11.23%	NA
<b>Assam</b>	2021-22	15	15.50%	15.50%
AEGCL	2021-22	15	15.50%	15.50%
<b>Bihar</b>	2021-22	271 <sup>2</sup>	10.00% <sup>2</sup>	14.00% & 15.50% <sup>2</sup>
BSPTCL	2021-22	271	10.00%	14.00% & 15.50%
<b>Chhattisgarh</b>	2020-21	208 <sup>3</sup>	15.50% <sup>3</sup>	15.50% <sup>3</sup>
CSPTCL	2020-21	208	15.50%	15.50%
<b>Delhi</b>	2020-21	457	12.46%	NA <sup>1</sup>
DTL	2020-21	457	12.46%	NA
<b>Gujarat</b>	2021-22	1,096	14.00%	14.00%
GETCO	2021-22	1,096	14.00%	14.00%
<b>Haryana</b>	2020-21	0 <sup>4</sup>	0.00% <sup>4</sup>	14.00% <sup>4</sup>
HVPNL	2020-21	0	0.00%	14.00%
<b>Himachal Pradesh</b>	2021-22	2 <sup>5</sup>	15.50% <sup>5</sup>	15.50% <sup>5</sup>
HPPTCL	2021-22	2	15.50%	15.50%
<b>Jharkhand</b>	2020-21	92	15.50%	15.50%
JUSNL	2020-21	92	15.50%	15.50%
<b>Karnataka</b>	2021-22	843	15.50%	15.50%
KPTCL	2021-22	843	15.50%	15.50%
<b>Kerala</b>	2021-22	120	14.00%	14.00%
KSEB	2021-22	120	14.00%	14.00%
<b>Madhya Pradesh</b>	2018-19	388	15.50%	15.50%
MPPTCL	2018-19	388	15.50%	15.50%
<b>Maharashtra</b>	2021-22	1,149 <sup>6</sup>	16.96% <sup>6</sup>	14.00% <sup>6</sup>
MSETCL	2021-21	1,149	16.96%	14.00%
<b>Manipur</b>	2021-22	2	15.50%	15.50%
MSPCL	2021-22	2	15.50%	15.50%
<b>Meghalaya</b>	2021-22	15	14.00%	14.00%
MePTCL	2021-22	15	14.00%	14.00%
<b>Odisha</b>	2021-22	132	15.50%	15.50%
OPTCL	2021-22	132	15.50%	15.50%
<b>Punjab</b>	2021-22	109	15.50%	15.50%
PSTCL	2021-22	109	15.50%	15.50%
<b>Rajasthan</b>	2020-21	96 <sup>7</sup>	2.00% <sup>7</sup>	14.00% <sup>7</sup>
RRVNL	2020-21	96	2.00%	14.00%
<b>Tamil Nadu</b>	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
<b>Telangana</b>	2021-22	1,236	10.89% <sup>1</sup>	NA
TSTRANSCO	2021-22	1,236	10.89%	NA
<b>Tripura</b>	2020-21	4	15.50%	15.50%
TSECL	2020-21	4	15.50%	15.50%
<b>Uttar Pradesh</b>	2020-21	162 <sup>8</sup>	2.00% <sup>8</sup>	15.50% <sup>8</sup>
UPPTCL	2020-21	162	2.00%	15.50%
<b>Uttarakhand</b>	2021-22	42	15.50%	15.50%
PTCUL	2021-22	42	15.50%	15.50%
<b>West Bengal</b>	2021-22	536 <sup>9</sup>	15.50% <sup>9</sup>	15.50% <sup>9</sup>
WBSETCL	2021-22	536	15.50%	15.50%
<b>Power Departments</b>				
<b>Arunachal Pradesh</b>	2018-19	NA <sup>10</sup>	NA <sup>10</sup>	14.00%
Arunachal PD	2018-19	NA	NA	14.00%
<b>Goa</b>	2020-21	NA <sup>12</sup>	NA <sup>12</sup>	15.50% <sup>11</sup>
Goa PD	2020-21	NA	NA	15.50%
<b>Jammu &amp; Kashmir</b>	2016-17	NA <sup>10</sup>	NA <sup>10</sup>	NA
JKPDD-T	2016-17	NA	NA	NA
<b>Mizoram</b>	2015-16	NA <sup>10</sup>	NA <sup>10</sup>	15.50%
Mizoram PD	2015-16	NA	NA	15.50%
<b>Nagaland</b>	2020-21	0 <sup>13</sup>	0.00% <sup>13</sup>	15.50%
Nagaland PD	2020-21	0	0.00%	15.50%
<b>Puducherry</b>	2020-21	NA <sup>12</sup>	NA <sup>12</sup>	15.50%
Puducherry PD	2020-21	NA	NA	15.50%
<b>Sikkim</b>	2020-21	NA <sup>10</sup>	NA <sup>10</sup>	14.00%
Sikkim PD	2020-21	NA	NA	14.00%
<b>Union Territories</b>				
<b>Andaman &amp; Nicobar</b>	2020-21	NA <sup>12</sup>	NA <sup>12</sup>	15.50% <sup>11</sup>
ED Andaman & Nicobar	2020-21	NA	NA	15.50%
<b>Chandigarh</b>	2020-21	NA <sup>12</sup>	NA <sup>12</sup>	15.50% <sup>11</sup>
Chandigarh ED	2020-21	NA	NA	15.50%
<b>Dadra &amp; Nagar Haveli</b>	2021-22	8	15.50%	15.50% <sup>11</sup>
DNHPDCL	2021-22	8	15.50%	15.50%
<b>Daman &amp; Diu</b>	2020-21	NA <sup>12</sup>	NA <sup>12</sup>	15.50% <sup>11</sup>
Daman & Diu ED	2020-21	NA	NA	15.50%
<b>Lakshadweep</b>	2020-21	NA <sup>12</sup>	NA <sup>12</sup>	15.50% <sup>11</sup>
Lakshadweep ED	2020-21	NA	NA	15.50%

Remarks:

## Return on Equity (Transmission Utilities)

(Figures in %)

1. For Andhra Pradesh, Telangana and Delhi, the respective Commissions allow tariff under RoCE instead of RoE. As per the respective tariff regulations, the RRB for estimating the RoCE for a given year of the control period shall be determined at the beginning of the control period in the corresponding tariff order.
2. For the state of Bihar, the Commission has approved 10% RoE for FY 2022 in order to reduce the financial burden on the end consumer.
3. For the state of Chhattisgarh, the Commission has approved a pre-tax ROE of Rs. 208 Crore for FY 2021 as per the MYT order for the control period 2016-17 to 2020-21.
4. For the state of Haryana, the Commission has not allowed ROE for 2020-21 due to the unprecedented situation emanating from the COVID-19 pandemic and the resulting restriction/lockdown ordered by Central Government/State Government
5. For the state of Himachal Pradesh, the Commission has approved RoE for 220kV D/C Kashang Bhaba transmission line as per the MYT order for 2016-17 till 2023-24.
6. For the state of Maharashtra, the Commission, in its MYT order for the control period FY 2021-25 has approved a pre-tax RoE of Rs. 1,148.67 Crore considering a MAT rate of 17.47% and pretax rate of return of 16.96%.
7. In the state of Rajasthan, RRVPNL, in its tariff petition for FY 2020-21 has claimed RoE at the rate of 2%. The Commission, in line with its previous tariff orders for RRVPNL has approved RoE at the claimed rate.
8. In the state of Uttar Pradesh, UPPTCL, in its tariff order for FY 2020-21 has claimed RoE at a rate of 2%. The Commission has approved RoE at the claimed rate with the view that a higher rate may lead to an increase in arrears and accumulation of receivables for UPPTCL.
9. For the state of West Bengal, as per Tariff Regulations, 2011 the RoE rate shall be same as those in CERC MYT Regulations effective during the period in consideration.
10. The respective commissions of Arunachal Pradesh, J&K, Sikkim and Mizoram have not approved any RoE in their relevant tariff orders citing the reason that PDs are completely funded by state government.
11. For the state of Goa and UTs, the JERC MYT regulations provides for RoE rates to be approved as per the prevalent CERC MYT regulations.
12. For the state of Goa and UTs of A&N Islands, Chandigarh, Daman & Diu, Puducherry and Lakshadweep, the respective commissions have not approved any RoE as the respective PDs do not own any separate transmission asset/Utility.
13. For the state of Nagaland, the Commission has not approved any RoE for FY 2020-21 in its latest MYT order due to absence of audited accounts for previous years.





**SECTION 11**

# **TRANSMISSION CHARGES**





## Transmission Charges

	Applicable Year	Long Term and Medium Term	Unit	Short Term	Unit
<b>TRANSCO</b>					
<b>Andhra Pradesh<sup>1</sup></b>	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
<b>Assam<sup>1</sup></b>	2021-22	148,326	Rs/MW/month	0.40	Rs/kWh
AEGCL	2021-22	148,326	Rs/MW/month	0.40	Rs/kWh
<b>Bihar</b>	2021-22	94.22	Rs. Cr./month	-	-
BSPTCL	2021-22	94.22	Rs. Cr./month	-	-
<b>Chhattisgarh<sup>1</sup></b>	2016-17	76.12	Rs. Cr./month	0.29	Rs/kWh
CSPTCL	2016-17	76.12	Rs. Cr./month	0.29	Rs/kWh
<b>Delhi</b>	2020-21	87.37	Rs. Cr./month	-	-
DTL	2020-21	87.37	Rs. Cr./month	-	-
<b>Gujarat<sup>1</sup></b>	2021-22	129,344	Rs/MW/month	0.36	Rs/kWh
GETCO	2021-22	129,344	Rs/MW/month	0.36	Rs/kWh
<b>Haryana</b>	2020-21	95.05	Rs. Cr./month	0.24	Rs/kWh
HVPNL	2020-21	95.05	Rs. Cr./month	0.24	Rs/kWh
<b>Himachal Pradesh</b>	2021-22	2.14	Rs. Cr./month	0.05	Rs/kWh
HPPTCL	2021-22	2.14	Rs. Cr./month	0.05	Rs/kWh
<b>Jharkhand</b>	2020-21	66.25	Rs. Cr./month	0.34	Rs/kWh
JUSNL	2020-21	66.25	Rs. Cr./month	0.34	Rs/kWh
<b>Karnataka</b>	2021-22	151,518	Rs/MW/month	1,245.35 <sup>2a</sup>	Rs. Cr./month
				622.28 <sup>2b</sup>	
				311.34 <sup>2c</sup>	
KPTCL	2021-22	151,518	Rs/MW/month	1,245.35 <sup>2a</sup>	Rs. Cr./month
				622.28 <sup>2b</sup>	
				311.34 <sup>2c</sup>	
<b>Kerala</b>	2021-22	0.47	Rs/kWh	-	-
KSEB	2021-22	0.47	Rs/kWh	-	-
<b>Madhya Pradesh</b>	2018-19	140,471	Rs/MW/month	0.34	Rs/kWh
MPPTCL	2018-19	140,471	Rs/MW/month	0.34	Rs/kWh
<b>Maharashtra<sup>1</sup></b>	2021-22	263,200	Rs/MW/month	0.41	Rs/kWh
MSETCL	2021-22	263,200	Rs/MW/month	0.41	Rs/kWh
<b>Manipur</b>	2021-22	315,375	Rs/MW/month	1.05	Rs/kWh
MSPCL	2021-22	315,375	Rs/MW/month	1.05	Rs/kWh
<b>Meghalaya</b>	2021-22	106,482	Rs/MW/month	0.34	Rs/kWh
MePTCL	2021-22	106,482	Rs/MW/month	0.34	Rs/kWh
<b>Odisha</b>	2021-22	0.28	Rs/kWh	-	-
OPTCL	2021-22	0.28	Rs/kWh	-	-
<b>Punjab<sup>1</sup></b>	2021-22	85,138	Rs/MW/month	0.23	Rs/kWh
PSTCL	2021-22	85,138	Rs/MW/month	0.23	Rs/kWh

## Transmission Charges

	Applicable Year	Long Term and Medium Term	Unit	Short Term	Unit
<b>Rajasthan<sup>1</sup></b>	2020-21	166,148	Rs/MW/month	0.28	Rs/kWh
RRVPL	2020-21	166,148	Rs/MW/month	0.28	Rs/kWh
<b>Tamil Nadu</b>	2017-18	92,382	Rs/MW/month	-	-
TANTRANSCO	2017-18	92,382	Rs/MW/month	-	-
<b>Telangana</b>	2021-22	111,680	Rs/MW/month	-	-
TSTRANSCO	2021-22	111,680	Rs/MW/month	-	-
<b>Tripura</b>	2020-21	0.29	Rs/kWh	-	-
TSECL	2020-21	0.29	Rs/kWh	-	-
<b>Uttar Pradesh</b>	2020-21	0.24	Rs/kWh	0.24	Rs/kWh
UPPTCL	2020-21	0.24	Rs/kWh	0.24	Rs/kWh
<b>Uttarakhand</b>	2021-22	96,139	Rs/kWh	-	-
PTCUL	2021-22	96,139	Rs/kWh	-	-
<b>West Bengal</b>	2021-22	188,426	Rs/kWh	-	-
WBSETCL	2021-22	188,426	Rs/kWh	-	-
<b>Power Departments</b>					
<b>Arunachal Pradesh</b>	2018-19	71,217	Rs/MW/month	-	-
Arunachal PD	2018-19	71,217	Rs/MW/month	0.20	Rs/kWh
<b>Jammu &amp; Kashmir</b>	2015-16	33,640	-	-	-
JKPDD-T	2015-16	33,640	-	-	-
<b>Mizoram</b>	2021-22	24,941	Rs/MW/month	-	-
Mizoram PD	2021-22	24,941	Rs/MW/month	0.08	Rs/kWh
<b>Union Territories</b>					
<b>Dadra &amp; Nagar Haveli<sup>1</sup></b>	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

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## Number of Pending Cases

(Figures in No of 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												
<b>APTEL</b>	144	119	1639	-	-	-	-	-	-	-	-	-
<b>CERC</b>	8	17	57	-	-	-	-	-	-	-	-	-
<b>SERC/JERC</b>												
<b>Andhra Pradesh</b>	-	-	-	-	-	-	-	-	-	-	-	-
<b>Arunachal Pradesh</b>	0	0	1	0	0	4	0	0	0	0	0	0
<b>Assam</b>	1	0	1	0	0	0	0	0	0	-	-	-
<b>Bihar</b>	1	4	14	0	0	0	0	1	1	-	-	-
<b>Chhattisgarh</b>	8	17	57 <sup>1</sup>	0	9	2	0	0	9	0	0	9
<b>Delhi</b>	6	24	54	1	2	3	0	4	3	2	5	28
<b>Gujarat</b>	15	34	104	1 <sup>2</sup>	1 <sup>3</sup>	0	1 <sup>2</sup>	1 <sup>3</sup>	0	9	7	28
<b>Haryana</b>	11	2	34	0	0	8	0	0	0	7	2	22
<b>Himachal Pradesh</b>	6	6	19	1	0	8	1	0	1	2	6	5
<b>Jharkhand</b>	-	-	-	0	1	11	0	1	7	-	-	-
<b>Goa</b>	7	0	0	0	0	0	0	0	0	1	0	0
<b>Jammu &amp; Kashmir &amp; Ladakh</b>	0	0	0	0	0	0	0	0	0	-	-	-
<b>Manipur &amp; Mizoram</b>	0	0	0	0	0	0	0	0	0	-	-	-
<b>Karnataka</b>	18	22	212	8 <sup>5</sup>	0	0	9 <sup>6</sup>	0	0	-	-	-
<b>Kerala</b>	-	-	-	-	-	-	-	-	-	-	-	-
<b>Madhya Pradesh</b>	1	4	3	1	2	1	0	1	0	2	4	1
<b>Maharashtra</b>	14 <sup>7</sup>	10 <sup>8</sup>	21 <sup>9</sup>	0	0	0	0	0	0	-	-	-
<b>Meghalaya</b>	5	2	2	3	0	0	0	0	1	2	2	1

## Number of Pending Cases

(Figures in No of 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
Nagaland	0	0	0	-	-	-	-	-	-	-	-	-
Odisha	-	-	-	-	-	-	-	-	-	-	-	-
Punjab	19	7	16	1	0	1	1 <sup>10</sup>	0	0	2	2	1
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	4	6	110	0	0	0	1 <sup>11</sup>	0	0	2	4	58
Telangana	0	0	0	0	4	8	2	1	0	8	3	16
Tripura	-	-	-	-	-	-	-	-	-	-	-	-
Uttar Pradesh	-	-	-	0	7	0	0	7	0	-	-	-
Uttarakhand	2	1 <sup>12</sup>	6 <sup>13</sup>	0	0	0	0	0	0	0	0	1
West Bengal	-	-	-	-	-	-	-	-	-	-	-	-

**Notes:**

1. '-' denotes data not provided by the states.

**Remarks:**

States/UTs	Case Type	Months	Remarks
Chhattisgarh	Petitions Pending	>6	APTEL has 26 cases pending for Chhattisgarh state
Gujarat	Tariff Petitions Pending	<3	Tariff Petition filed by Deendayal Port Trust was registered on 05.05.2021 as Case No. 1968 of 2021.

## Number of Pending Cases

(Figures in No of Cases)

States/UTs	Case Type	Months	Remarks
	True-Up Petitions	3-6	The Tariff Petition filed by GIFT Power Co. Ltd. was registered on 01.02.2021 as Case No. 1942/2021
		<3	True up Petition filed by Deendayal Port Trust was registered on 05.05.2021 as Case No. 1968 of 2021.
		3-6	The True up Petition filed by GIFT Power Co. Ltd. was registered on 01.02.2021 as Case No. 1942/2021
Karnataka	Tariff Petitions Pending	<3	Tariff Petitions filed by the ESCOMs, Hukeri, RECS, Mangalore, SEZ and Aequs SEZ for FY22.
	True-Up Petitions	<3	True Up Petitions filed along with the Tariff Petitions by one Transmission licensee and distribution licensees for FY20
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)
Punjab	True-up petitions	<3	Petition No 29 of 2021
Tamil Nadu	True-up petitions	<3	TANGEDCO filed Final True up petition for the FY 2016-17 to 2018-19, on 27-04-2021; the petition not yet listed for admission due to statewide lock down on COVID 19 pandemic from 10-5-2021
Uttarakhand	Petitions Pending	3-6	APTEL has 1 case pending for Uttarakhand state



