



GOVERNMENT OF INDIA
MINISTRY OF POWER

KEY REGULATORY PARAMETERS OF POWER UTILITIES



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आरईसी
REC

असीमित ऊर्जा, अनन्त संभावनाएँ
Endless energy. Infinite possibilities.

Foreword

With a continuously changing landscape of Power Sector due to energy transition globally and with ambitious economic aspirations for the growth of the nation, there is a fundamental requirement of adapting to such challenges and embracing to the opportunities for the growth of the Indian Power Sector. This transition would require utilities to reshape their traditional way of looking at consumer services and start placing consumers at the centre of their decision-making framework.

In this context, Ministry of Power (MoP) has come up with various initiatives, policy level changes and reforms exercise to enable a sustainable transition. In one of the initiatives, Key Regulatory Parameters of Power Utilities Report is prepared by the Regulatory Compliance Monitoring support unit of REC Limited with continuous guidance from the officials of Regulatory Compliance Monitoring (RCM) and Reforms & Restructuring (R&R) division of Ministry of Power (MoP).

The primary objective of the report is to enable knowledge sharing and facilitate at-a-glance comparison between power utilities including DISCOMs, TRANSCOs and GENCOs based on latest information. It provides information on key regulatory parameters of the last four financial years including latest data available for 2023-24 across all major power utilities in India.

The information is collected from multiple sources including Retail Supply Tariff Orders, True-up Orders and Regulations issued by the Electricity Regulatory Commissions of States and UTs.

This report is prepared with an intent to help policy makers and government agencies in design and implementation of interventions for improving performance of power sector.

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Acronyms

ABR	Average Billing Rate
ACOS	Average Cost of Supply
AEGCL	Assam Electricity Grid Corporation Limited
APCPDCL	Central Power Distribution Company of Andhra Pradesh Limited
APDCL	Assam Power Distribution Company Limited
APEPDCL	Eastern Power Distribution Company of Andhra Pradesh Limited
APGCL	Assam Power Generation Corporation Limited
APGENCO	Andhra Pradesh Power Generation Corporation Limited
APSPDCL	Southern Power Distribution Company of Andhra Pradesh Limited
APTRANSCO	Andhra Pradesh Power Transmission Corporation Limited
ARR	Average Revenue Requirement
AT&C	Aggregate Technical and Commercial
AVVNL	Ajmer Vidyut Vitran Nigam Limited
BESCOM	Bangalore Electricity Supply Company Limited
BRPL	BSES Rajdhani Power Limited
BSPGCL	Bihar State Power Generation Company Limited
BSPTCL	Bihar State Power Transmission Company Limited
BYPL	BSES Yamuna Power Limited
CEA	Central Electricity Authority
CED	Chandigarh Electricity Department
CERC	Central Electricity Regulatory Commission
CESC	Chamundeshwari Electricity Supply Corporation
CSPDCL	Chhattisgarh State Power Distribution Company Limited
CSPGCL	Chhattisgarh State Power Generation Company Limited
CSPTCL	Chhattisgarh State Power Transmission Company Limited
DDED	Daman & Diu Electricity Department
DDUGJY	Deen Dayal Upadhyaya Gram Jyoti Yojana
DEEP	Discovery of Efficient Electricity Price
DGVCL	Dakshin Gujarat Vij Company Limited
DHBVNL	Dakshin Haryana Bijli Vitran Nigam Limited
DISCOM	Distribution Company
DNHPDCL	Dadra & Nagar Haveli Power Distribution Corporation Limited
DNHDDPCL	Dadra & Nagar Haveli and Daman & Diu Power Corporation Limited
DOP, AP	Department of Power, Arunachal Pradesh
DPN	Department of Power, Nagaland
DTL	Delhi Transco Limited
DVVNL	Dakshinanchal Vidyut Vitran Nigam Limited
ED A&N	Electricity Department, Andaman and Nicobar Administration
EDG	Electricity Department, Goa
EV	Electric Vehicles
GEI	Government Educational Institute
GESCOM	Gulbarga Electricity Supply Company Limited
GETCO	Gujarat Energy Transmission Corporation Limited
GOI	Government of India
GSECL	Gujarat State Electricity Corporation Limited
HESCOM	Hubli Electricity Supply Company Limited
HPGCL	Haryana Power Generation Corporation Limited
HPPTCL	H.P. Power Transmission Corporation Limited
HPSEBL	Himachal Pradesh State Electricity Board Limited
HTS	High Tension Supply
HVPNL	Haryana Vidyut Prasaran Nigam Limited
IPDS	Integrated Power Development Scheme
IPGCL	Indraprastha Power Generation Company Limited

I & C	Irrigation & Commercial
JBVNL	Jharkhand Bijli Vitran Nigam Limited
JdVVNL	Jodhpur Vidhyut Vitran Nigam Limited
JERC	Joint Electricity Regulatory Commission
JKPTCL	Jammu and Kashmir Power Transmission Corporation Limited
JKPDCL	Jammu and Kashmir Power Development Corporation Limited
JPDCL	Jammu Power Distribution Corporation Limited
JUSNL	Jharkhand Urja Sancharan Nigam Limited
JUUNL	Jharkhand Urja Utpadan Nigam Limited
JVVNL	Jaipur Vidyut Vitran Nigam Limited
KESCO	Kanpur Electricity Supply Company Limited
KPCL	Karnataka Power Corporation Limited
KPDCL	Kashmir Power Distribution Corporation Limited
KPTCL	Karnataka Power Transmission Corporation Limited
KSEBL	Kerala State Electricity Board Limited
LED	Electricity Department, Union Territory of Lakshadweep
LIP	Large Industrial Power Supply
LTIS	Low Tension Industrial Supply
LTMD	Low Tension Maximum Demand
MAT	Minimum Alternate Tax
MePDCL	Meghalaya Power Distribution Corporation Limited
MePGCL	Meghalaya Power Generation Corporation Limited
MePTCL	Meghalaya Power Transmission Corporation Limited
MES	Military Engineering Services
MESCOM	Mangalore Electricity Supply Company Limited
MGVCL	Madhya Gujarat Vij Company Limited
MIP	Medium Industrial Power Supply
MOP	Ministry of Power, Government of India
MPMaKVCL	Madhya Pradesh Madhya Kshetra Vidyut Vitaran Company Limited
MPPaKVCL	Madhya Pradesh Paschim Kshetra Vidyut Vitaran Company Limited
MPPGCL	Madhya Pradesh Power Generating Company Limited
MPPoKVCL	Madhya Pradesh Poorv Kshetra Vidyut Vitaran Company Limited
MPPTCL	M.P. Power Transmission Company Limited
MSEDCL	Maharashtra State Electricity Distribution Company Limited
MSETCL	Maharashtra State Electricity Transmission Company Limited
MSPCL	Manipur State Power Company Limited
MSPDCL	Manipur State Power Distribution Company Limited
MSPGCL	Maharashtra State Power Generation Company Limited
MVVNL	Madhyanchal Vidyut Vitaran Nigam Limited
NBPDCL	North Bihar Power Distribution Company Limited
NDMC	New Delhi Municipal Council
NDS	Non-Domestic Supply
O&M	Operations and Maintenance
OHPC	Odisha Hydro Power Corporation Limited
OPGCL	Odisha Power Generation Corporation Limited
OPTCL	Odisha Power Transmission Corporation Limited
P&ED	Power and Electricity Department, Mizoram
PaVVNL	Pashchimanchal Vidyut Vitaran Nigam Limited
PED	Puducherry Electricity Department
PFC	Power Finance Corporation
PGVCL	Paschim Gujarat Vij Company Limited
PII	Power Intensive Industry
PPCL	Puducherry Power Corporation Limited
PSPCL	Punjab State Power Corporation Limited

PSR	Power Sector Reforms
PSTCL	Punjab State Transmission Corporation Limited
PTCUL	Power Transmission Corporation of Uttarakhand Limited
PuVVNL	Purvanchal Vidyut Vitaran Nigam Limited
PWW	Public Water Works
R-APDRP	Restructured Accelerated Power Development and Reforms Programme
RGP	Residential General Purpose
RoCE	Return on Capital Employed
RoE	Return on Equity
RPO	Renewable Purchase Obligation
RRB	Regulated Rate Base
RRVPNL	Rajasthan Rajya Vidyut Prasaran Nigam Limited
RRVUNL	Rajasthan Rajya Vidyut Utpadan Nigam Ltd
SAUBHAGYA	Sahaj Bijli Har Ghar Yojana
SBPDCL	South Bihar Power Distribution Company Limited
SERC	State Electricity Regulatory Commission
Sikkim PD	Energy and Power Department, Sikkim
SIP	Small Industrial Power Supply
STP	Sewage Treatment Plant
TANGEDCO	Tamil Nadu Generation and Distribution Corporation Limited
TANTRANSCO	Tamil Nadu Transmission Corporation Limited
TOD	Time of Day (Tariff)
TPCODL	Tata Power Central Odisha Distribution Limited
TPDDL	Tata Power Delhi Distribution Limited
TPGL	Tripura Power Generation Limited
TPNODL	Tata Power Northern Odisha Distribution Limited
TPSODL	Tata Power Southern Odisha Distribution Limited
TPWODL	Tata Power Western Odisha Distribution Limited
TSECL	Tripura State Electricity Corporation Limited
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
WBPCL	West Bengal Power Development Corporation Limited
WBSSEDCL	West Bengal State Electricity Distribution Company Limited
WBSSETCL	West Bengal State Electricity Transmission Company Limited

Background

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

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

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

The information presented in this report has been prepared from various sources, which includes regulatory orders, State level regulations, tariff orders and true up orders among others.

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

List of Parameters for Compliance Status of Regulatory Parameters

The report includes information on key regulatory parameters 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 Comparison*	A	Consumer Category wise Representative Tariff	Rs/kWh	A1	Category-wise breakup of applicable tariff including energy charge, fixed charge, electrical duty, and govt. subsidy across major states.
Tariff Cross Subsidy for industrial consumers	B	Industrial	%	B1	ABR for the Industrial category consumers/ ACoS
Cross Subsidy Surcharge	C	Cross Subsidy Surcharge (CSS)	Rs. /kWh	C1	CSS as approved by respective Electricity Regulatory Commissions for open-access consumers
Additional Surcharge	D	Additional Surcharge (AS)	Rs. /kWh	D1	Additional Surcharge for open-access consumers approved by respective Electricity Regulatory Commissions
Wheeling Charge	E	Wheeling Charge	Rs. /kWh	E1	Wheeling Charge for open-access consumers approved by respective Electricity Regulatory Commissions
Banking Charge	F	Banking Charge	%	F1	Banking Charge for open-access consumers approved by respective Electricity Regulatory Commissions
State-wise Revenue Gap/Surplus	G	Cumulative Revenue Gap/ Surplus	Rs. Crore	G1	Cumulative revenue gap approved by the respective ERC
ToD Tariff Rates Applicability	H	ToD Applicability	None	H1	Applicability of Time of Day (TOD) tariff across consumer categories
Return on Equity (RoE)	I	RoE (on post-tax basis)	Rs. Crore	I1	RoE quantum across DISCOMs, GENCOs and TRANSCOs as approved by the respective ERCs
		RoE (on post-tax basis)	%	I2	Rate of RoE approved by respective ERCs for DISCOMs, GENCOs and TRANSCOs
		Rate of post-tax RoE as per tariff regulations	%	I3	Rate of RoE as per respective state tariff regulations for DISCOMs, GENCOs and TRANSCOs
Transmission Charges	J	Transmission Charges Long Term and Medium Term	Rs. / MW/Month	J1	(Transmission ARR x 10 ⁷)/ (Total load quantum handled x12)
			Rs. Cr/Month	J2	(Transmission ARR)/12
		Transmission Charges Short Term	Rs. / kWh	J3	(Transmission ARR x 10)/ (Total Energy Handled)
			Rs. / MW	J4	(Transmission ARR x 10 ⁷)/ (Total load quantum)
Number of Pending Cases	K	Petitions pending	Number of Cases	K1	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		K2	
		True-up petitions pending		K3	
		Dispute related cases		K4	

Parameter		Sub-Parameter	Unit		Inclusions
Alignment of Electricity (Rights of Consumers) Rules 2020	L	Alignment of Timelines as per DISCOM's Regulations, Standard of Performance (SoP) and Supply Codes with timelines as specified in the Electricity (Rights of Consumers) Rules 2020	No. of Days/Yes / No / Not Available	L1	Release of Connections
				L2	Testing of Meters
				L3	Replacement of Meters
				L4	Issuance of no dues Certificates
				L5	Provision for payment of claims on deviation from SoPs
				L6	Assessment of Rooftop Solar Feasibility
				L7	Connection of rooftop solar after installation
				L8	Regulations for ensuring predetermined demand charges for up to 150kW
				L9	Presence of Multitier Grievance Redressal Forum
Power Procurement Cost of DISCOMs for 2022-23	M	Volume of Power Procured	MU	M1	Volume of Power procured by respective state DISCOMs
		Cost of Power Procured	Rs. Crore	M2	Cost of Power Procured excluding transmission charges
		Average cost of Power Procured	Rs. / kWh	M3	(Cost of Power Procured excluding transmission charges x 10)/ (Volume of Power procured)
Availability of Technical Minimum Regulation	N	Availability of Technical Minimum regulation	Yes / No / Data Not Available	N1	Status of State/UTs specific availability of technical minimum regulation
Merit Order	O	Adherence to Merit Order Dispatch	Yes/No	O1	Status of State/UTs specific Merit Order Adherence

General guidelines to the readers:

1. The negative values in the report appear within parenthesis.
2. Wherever suitable, values between -1 and 1 have been rounded off to nil. .
3. 'NA' denotes 'Not Applicable'.
4. 'N/A' denote 'Not Available' in respect of tariff order availability.



COMPLIANCE STATUS OF REGULATORY >>>> PARAMETERS

Table-1: Tariff Order for FY 2023-24 and True-up Order for FY 2021-22 for Distribution Utilities

The Electricity Act 2003 mandates licensees to determine tariff in a manner as specified in the Section 62 of the Act and timelines specified as per the state regulations. The excerpt of Section 64 of the Electricity Act 2003 is given as below:

“Section 64. (Procedure for tariff order): (1) An application for determination of tariff under section 62 shall be made by a generating company or licensee in such manner and accompanied by such fee, as may be determined by regulations.

(2) Every applicant shall publish the application, in such abridged form and manner, as may be specified by the Appropriate Commission.

(3) The Appropriate Commission shall, **within one hundred and twenty days** from receipt of an application under sub-section (1) and after considering all suggestions and objections received from the public,”

Based on above, the timelines for filing of Tariff/ True up Petition and issuance of Tariff/ True up Order as per relevant regulation of respective SERC/ JERC has been identified and a snapshot of compliance status is captured below:

Sr. No.	State/UTs	Description	Timeline as per relevant Regulation* of SERC	Actual Timeline	Status of Compliance
1	Andaman & Nicobar	Tariff Order for FY 2023-24			
		Date of filing of Tariff Petition	30/11/2022	20/01/2023	✗
		Date of issuance of Tariff Order	30/03/2023	28/03/2023	✓
		True up Order for FY 2021-22			
		Date of filing of True-up Petition	30/11/2022	N/A	✗
2	Andhra Pradesh	Date of issuance of True-up Order	30/03/2023	N/A	✗
		Tariff Order for FY 2023-24			
		Date of filing of Tariff Petition	30/11/2022	30/11/2022	✓
		Date of issuance of Tariff Order	30/03/2023	25/03/2023	✓
		True up Order for FY 2021-22			
3	Arunachal Pradesh	Date of filing of True-up Petition	30/11/2022	N/A	✗
		Date of issuance of True-up Order	30/03/2023	N/A	✗
		Tariff Order for FY 2023-24			
		Date of filing of Tariff Petition	30/11/2022	06/07/2023	✗
		Date of issuance of Tariff Order	30/03/2023	N/A	✗
4	Assam	True up Order for FY 2021-22			
		Date of filing of True-up Petition	30/11/2022	06/07/2023	✗
		Date of issuance of True-up Order	30/03/2023	N/A	✗
		Tariff Order for FY 2023-24			
		Date of filing of Tariff Petition	30/11/2022	30/11/2022	✓
5	Bihar	Date of issuance of Tariff Order	30/03/2023	29/03/2023	✓
		True up Order for FY 2021-22			
		Date of filing of True-up Petition	30/11/2022	30/11/2022	✓
		Date of issuance of True-up Order	30/03/2023	29/03/2023	✓
		Tariff Order for FY 2023-24			
5	Bihar	Date of filing of Tariff Petition	15/11/2022	15/11/2022	✓

Sr. No.	State/UTs	Description	Timeline as per relevant Regulation* of SERC	Actual Timeline	Status of Compliance
		Date of issuance of Tariff Order	15/03/2023	23/03/2023	✗
		True up Order for FY 2021-22			
		Date of filing of True-up Petition	15/11/2022	15/11/2022	✓
		Date of issuance of True-up Order	15/03/2023	23/03/2023	✗
6	Chandigarh	Tariff Order for FY 2023-24			
		Date of filing of Tariff Petition	30/11/2022	30/01/2023	✗
		Date of issuance of Tariff Order	30/03/2023	30/03/2023	✓
		True up Order for FY 2021-22			
		Date of filing of True-up Petition	30/11/2022	N/A	✗
		Date of issuance of True-up Order	30/03/2023	N/A	✗
7	Chhattisgarh	Tariff Order for FY 2023-24			
		Date of filing of Tariff Petition	30/11/2022	28/11/2022	✓
		Date of issuance of Tariff Order	30/03/2023	28/03/2023	✓
		True up Order for FY 2021-22			
		Date of filing of True-up Petition	30/11/2022	28/11/2022	✓
		Date of issuance of True-up Order	30/03/2023	28/03/2023	✓
8	Dadra & Nagar Haveli and Daman & Diu	Tariff Order for FY 2023-24			
		Date of filing of Tariff Petition	30/11/2022	05/12/2022	✗
		Date of issuance of Tariff Order	30/03/2023	N/A	✗
		True up Order for FY 2021-22			
		Date of filing of True-up Petition	30/11/2022	05/12/2022	✗
		Date of issuance of True-up Order	30/03/2023	N/A	✗
9	Delhi	Tariff Order for FY 2023-24			
		Date of filing of Tariff Petition	01/11/2022	22/05/2023	✗
		Date of issuance of Tariff Order	01/03/2023	N/A	✗
		True up Order for FY 2021-22			
		Date of filing of True-up Petition	01/11/2022	22/11/2023	✗
		Date of issuance of True-up Order	01/03/2023	N/A	✗
10	Goa	Tariff Order for FY 2023-24			
		Date of filing of Tariff Petition	30/11/2022	30/11/2022	✓
		Date of issuance of Tariff Order	30/03/2023	30/03/2023	✓
		True up Order for FY 2021-22			
		Date of filing of True-up Petition	30/11/2022	10/02/2023	✗
		Date of issuance of True-up Order	30/03/2023	N/A	✗
11	Gujarat	Tariff Order for FY 2023-24			
		Date of filing of Tariff Petition	30/11/2022	15/12/2022	✗
		Date of issuance of Tariff Order	30/03/2023	31/03/2023	✗
		True up Order for FY 2021-22			
		Date of filing of True-up Petition	30/11/2022	15/12/2022	✗
		Date of issuance of True-up Order	30/03/2023	31/03/2023	✗
12	Haryana	Tariff Order for FY 2023-24			
		Date of filing of Tariff Petition	30/11/2022	16/12/2022	✗
		Date of issuance of Tariff Order	30/03/2023	15/02/2023	✓

Sr. No.	State/UTs	Description	Timeline as per relevant Regulation* of SERC	Actual Timeline	Status of Compliance
		True up Order for FY 2021-22			
		Date of filing of True-up Petition	30/11/2022	16/12/2022	✗
		Date of issuance of True-up Order	30/03/2023	15/02/2023	✓
13	Himachal Pradesh	Tariff Order for FY 2023-24			
		Date of filing of Tariff Petition	30/11/2022	28/11/2022	✓
		Date of issuance of Tariff Order	30/03/2023	31/03/2023	✗
		True up Order for FY 2021-22			
		Date of filing of True-up Petition	30/11/2022	28/11/2022	✓
		Date of issuance of True-up Order	30/03/2023	31/03/2023	✗
14	Jammu & Kashmir	Tariff Order for FY 2023-24			
		Date of filing of Tariff Petition	30/11/2022	17/05/2023	✗
		Date of issuance of Tariff Order	30/03/2023	N/A	✗
		True up Order for FY 2021-22			
		Date of filing of True-up Petition	30/11/2022	N/A	✗
		Date of issuance of True-up Order	30/03/2023	N/A	✗
15	Ladakh	Tariff Order for FY 2023-24			
		Date of filing of Tariff Petition	30/11/2022	06/01/2023	✗
		Date of issuance of Tariff Order	30/03/2023	N/A	✗
		True up Order for FY 2021-22			
		Date of filing of True-up Petition	30/11/2022	06/01/2023	✗
		Date of issuance of True-up Order	30/03/2023	N/A	✗
16	Jharkhand	Tariff Order for FY 2023-24			
		Date of filing of Tariff Petition	30/11/2022	N/A	✗
		Date of issuance of Tariff Order	30/03/2023	N/A	✗
		True up Order for FY 2021-22			
		Date of filing of True-up Petition	30/11/2022	N/A	✗
		Date of issuance of True-up Order	30/03/2023	N/A	✗
17	Karnataka	Tariff Order for FY 2023-24			
		Date of filing of Tariff Petition	30/11/2022	30/11/2022	✓
		Date of issuance of Tariff Order	30/03/2023	12/05/2023	✗
		True up Order for FY 2021-22			
		Date of filing of True-up Petition	30/11/2022	30/11/2022	✓
		Date of issuance of True-up Order	30/03/2023	12/05/2023	✗
18	Kerala	Tariff Order for FY 2023-24			
		Date of filing of Tariff Petition	30/11/2022	07/02/2023	✗
		Date of issuance of Tariff Order	30/03/2023	N/A	✗
		True up Order for FY 2021-22			
		Date of filing of True-up Petition	30/11/2022	07/02/2023	✗
		Date of issuance of True-up Order	30/03/2023	N/A	✗
19	Lakshadweep	Tariff Order for FY 2023-24			
		Date of filing of Tariff Petition	30/11/2022	26/12/2022	✗
		Date of issuance of Tariff Order	30/03/2023	28/03/2023	✓
		True up Order for FY 2021-22			
		Date of filing of True-up Petition	30/11/2022	26/12/2022	✗

Sr. No.	State/UTs	Description	Timeline as per relevant Regulation* of SERC	Actual Timeline	Status of Compliance
		Date of issuance of True-up Order	30/03/2023	28/03/2023	✓
20	Madhya Pradesh	Tariff Order for FY 2023-24			
		Date of filing of Tariff Petition	30/11/2022	30/11/2022	✓
		Date of issuance of Tariff Order	30/03/2023	28/03/2023	✓
		True up Order for FY 2021-22			
		Date of filing of True-up Petition	30/11/2022	29/11/2022	✓
		Date of issuance of True-up Order	30/03/2023	20/03/2023	✓
21	Maharashtra	Tariff Order for FY 2023-24			
		Date of filing of Tariff Petition	30/11/2022	27/11/2022	✓
		Date of issuance of Tariff Order	30/03/2023	31/03/2023	✗
		True up Order for FY 2021-22			
		Date of filing of True-up Petition	30/11/2022	27/11/2022	✓
		Date of issuance of True-up Order	30/03/2023	31/03/2023	✗
22	Manipur	Tariff Order for FY 2023-24			
		Date of filing of Tariff Petition	30/11/2022	15/12/2022	✗
		Date of issuance of Tariff Order	30/03/2023	28/03/2023	✓
		True up Order for FY 2021-22			
		Date of filing of True-up Petition	30/11/2022	15/12/2022	✗
		Date of issuance of True-up Order	30/03/2023	28/03/2023	✓
23	Meghalaya	Tariff Order for FY 2023-24			
		Date of filing of Tariff Petition	30/11/2022	30/11/2022	✓
		Date of issuance of Tariff Order	30/03/2023	11/04/2023	✗
		True up Order for FY 2021-22			
		Date of filing of True-up Petition	30/11/2022	N/A	✗
		Date of issuance of True-up Order	30/03/2023	N/A	✗
24	Mizoram	Tariff Order for FY 2023-24			
		Date of filing of Tariff Petition	30/11/2022	12/01/2023	✗
		Date of issuance of Tariff Order	30/03/2023	28/03/2023	✓
		True up Order for FY 2021-22			
		Date of filing of True-up Petition	30/11/2022	12/01/2023	✗
		Date of issuance of True-up Order	30/03/2023	28/03/2023	✓
25	Nagaland	Tariff Order for FY 2023-24			
		Date of filing of Tariff Petition	30/11/2022	21/12/2022	✗
		Date of issuance of Tariff Order	30/03/2023	27/03/2023	✓
		True up Order for FY 2021-22			
		Date of filing of True-up Petition	30/11/2022	26/06/2023	✗
		Date of issuance of True-up Order	30/03/2023	04/08/2023	✗
26	Odisha	Tariff Order for FY 2023-24			
		Date of filing of Tariff Petition	30/11/2022	30/11/2022	✓
		Date of issuance of Tariff Order	30/03/2023	23/03/2023	✓
		True up Order for FY 2021-22			
		Date of filing of True-up Petition	30/11/2022	30/11/2022	✓
		Date of issuance of True-up Order	30/03/2023	23/03/2023	✓
27	Puducherry	Tariff Order for FY 2023-24			

Sr. No.	State/UTs	Description	Timeline as per relevant Regulation* of SERC	Actual Timeline	Status of Compliance
		Date of filing of Tariff Petition	30/11/2022	26/12/2022	✗
		Date of issuance of Tariff Order	30/03/2023	30/03/2023	✓
		True up Order for FY 2021-22			
		Date of filing of True-up Petition	30/11/2022	26/12/2022	✗
		Date of issuance of True-up Order	30/03/2023	30/03/2023	✓
28	Punjab	Tariff Order for FY 2023-24			
		Date of filing of Tariff Petition	30/11/2022	21/12/2022	✗
		Date of issuance of Tariff Order	30/03/2023	15/05/2023	✗
		True up Order for FY 2021-22			
		Date of filing of True-up Petition	30/11/2022	21/12/2022	✗
		Date of issuance of True-up Order	30/03/2023	15/05/2023	✗
29	Rajasthan	Tariff Order for FY 2023-24			
		Date of filing of Tariff Petition	30/11/2022	30/11/2022	✓
		Date of issuance of Tariff Order	30/03/2023	31/03/2023	✗
		True up Order for FY 2021-22			
		Date of filing of True-up Petition	30/11/2022	30/11/2022	✓
		Date of issuance of True-up Order	30/03/2023	31/03/2023	✗
30	Sikkim	Tariff Order for FY 2023-24			
		Date of filing of Tariff Petition	30/11/2022	16/11/2022	✓
		Date of issuance of Tariff Order	30/03/2023	21/03/2023	✓
		True up Order for FY 2021-22			
		Date of filing of True-up Petition	30/11/2022	16/11/2022	✓
		Date of issuance of True-up Order	30/03/2023	21/03/2023	✓
31	Tamil Nadu	Tariff Order for FY 2023-24			
		Date of filing of Tariff Petition	30/11/2022	15/07/2022	✓
		Date of issuance of Tariff Order	30/03/2023	09/09/2022	✓
		True up Order for FY 2021-22			
		Date of filing of True-up Petition	30/11/2022	15/07/2022	✓
		Date of issuance of True-up Order	30/03/2023	N/A	✗
32	Telangana	Tariff Order for FY 2023-24			
		Date of filing of Tariff Petition	30/11/2022	30/11/2022	✓
		Date of issuance of Tariff Order	30/03/2023	24/03/2023	✓
		True up Order for FY 2021-22			
		Date of filing of True-up Petition	30/11/2022	30/12/2022	✗
		Date of issuance of True-up Order	30/03/2023	23/03/2023 (Wheeling APR)	✓
33	Tripura	Tariff Order for FY 2023-24			
		Date of filing of Tariff Petition	30/11/2022	28/03/2023	✗
		Date of issuance of Tariff Order	30/03/2023	N/A	✗
		True up Order for FY 2021-22			
		Date of filing of True-up Petition	30/11/2022	28/03/2023	✗
		Date of issuance of True-up Order	30/03/2023	N/A	✗
34	Uttar Pradesh	Tariff Order for FY 2023-24			
		Date of filing of Tariff Petition	30/11/2022	09/01/2023	✗

Sr. No.	State/UTs	Description	Timeline as per relevant Regulation* of SERC	Actual Timeline	Status of Compliance
		Date of issuance of Tariff Order	30/03/2023	24/05/2023	✗
		True up Order for FY 2021-22			
		Date of filing of True-up Petition	30/11/2022	09/01/2023	✗
		Date of issuance of True-up Order	30/03/2023	24/05/2023	✗
35	Uttarakhand	Tariff Order for FY 2023-24			
		Date of filing of Tariff Petition	30/11/2022	15/12/2022	✗
		Date of issuance of Tariff Order	30/03/2023	30/03/2023	✓
		True up Order for FY 2021-22			
		Date of filing of True-up Petition	30/11/2022	15/12/2022	✗
		Date of issuance of True-up Order	30/03/2023	30/03/2023	✓
36	West Bengal	Tariff Order for FY 2023-24			
		Date of filing of Tariff Petition	30/11/2022	20/01/2023	✗
		Date of issuance of Tariff Order	30/03/2023	30/03/2023	✓
		True up Order for FY 2021-22			
		Date of filing of True-up Petition	30/11/2022	24/11/2022	✗
		Date of issuance of True-up Order	30/03/2023	26/04/2023	✗

Note:

- *As per MYT/ Relevant Tariff Regulation by the SERC | “-” indicates that the Petition or Tariff/ True-up Order not filed or issued
- For J&K, only JPDCL has filed petition for FY 2023-24 | For TANGEDCO, MYT Order issued for FY 2022-23 to FY 2026-27 | For JBVNL, JSERC has issued MYT for the Control Period FY 2021-22 to FY 2025-26. However, the tariff is determined for FY 2021-22

Analysis/ observations on compliance

Tariff Petition filing

- DISCOMs of 15 States/ UTs have complied in terms of filing of tariff petition for FY 2023-24 as per the timelines of relevant SERC regulation
- DISCOMs of 20 States/ UTs have not complied in terms of filing of tariff petition for FY 2023-24 as per the timelines of relevant SERC regulation
- The average delay in filing of tariff petition by the States/ UTs is **58 days**
- KPDCL of Jammu & Kashmir is yet to file the tariff petition for FY 2023-24

Tariff Order Issuance

- SERCs of 19 States/ UTs have complied in terms of issuance of tariff order for FY 2023-24 as per the timelines of relevant SERC regulation
- SERCs of 9 States/ UTs have not complied in terms of issuance of tariff order for FY 2023-24 as per the timelines of relevant SERC regulation
- The average delay in issuance of tariff order by the SERCs is **19 days**
- SERCs of 9 States/ UTs are yet to issue tariff order for FY 2023-24

True-up Petition filing

- DISCOMs of 12 States/ UTs have complied in terms of filing of true-up petition for FY 2021-22 as per the timelines of relevant SERC regulation
- DISCOMs of 18 States/ UTs have not complied in terms of filing of true-up petition for FY 2021-22 as per the timelines of relevant SERC regulation
- The average delay in filing of true-up petition by the States/ UTs is **44 days**
- DISCOMs of 7 States/ UTs are yet to file the true-up petition for FY 2021-22

True-up Order issuance

- SERCs of 13 States/ UTs have complied in terms of issuance of true-up order for FY 2021-22 as per the timelines of relevant SERC regulation
- SERCs of 9 States/ UTs have not complied in terms of issuance of true-up order for FY 2021-22 as per the timelines of relevant SERC regulation
- The average delay in issuance of true-up order by the SERCs is **28 days**
- SERCs of 15 States/ UTs are yet to issue true-up order for FY 2021-22

Multiyear Tariff (MYT) Order issuance

- SERCs of only 9 States have issued MYT order for the latest period of FY 2023-24 | These states are **Himachal Pradesh, Jharkhand, Kerala, Maharashtra, Manipur, Mizoram, Punjab, Tamil Nadu and West Bengal.**
- The remaining 28 States/ UTs have not issued MYT Tariff Order for FY 2023-24.

Table-2: Category wise comparison of Representative Tariffs

The category wise comparison of Representative Tariffs across the States/ UTs is compiled covering Energy Charges, Fixed Charges, Electricity Duty, Govt Duty (wherever applicable) to give an outline of affordability of power for different categories of consumer.

Table-2(a): Domestic Category (3kW, 100 Units per month)*(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	01-Apr-23	2023-24	Andaman & Nicobar*	2.75	0.60	0.00	3.35	N/A	3.35
2	01-Apr-23	2023-24	Andhra Pradesh*	3.05	0.30	0.06	3.41	N/A	3.41
3	01-Jun-18	2018-19	Arunachal Pradesh*	4.00	0.00	0.00	4.00	N/A	4.00
4	01-Apr-23	2023-24	Assam	5.70	2.10	0.20	8.00	0.75	7.25
5	01-Apr-23	2023-24	Bihar ¹	7.84	1.20	0.47	9.51	N/A	9.51
6	01-Apr-23	2023-24	Chandigarh	2.75	0.45	0.09	3.29	N/A	3.29
7	01-Apr-23	2023-24	Chhattisgarh*	3.70	0.60	0.30	4.60	N/A	4.60
8	01-Apr-22	2022-23	Dadra & Nagar Haveli	1.95	0.30	0.00	2.25	N/A	2.25
9	01-Apr-22	2022-23	Daman & Diu	1.40	0.20	0.00	1.60	N/A	1.60
10	01-Oct-21	2021-22	Delhi	3.00	1.50	0.15	4.65	N/A	4.65
11	01-Apr-23	2023-24	Goa*	1.75	0.60	0.20	2.55	N/A	2.55
12	01-Apr-23	2023-24	Gujarat	3.28	0.25	0.49	4.02	N/A	4.02
13	01-Apr-23	2023-24	Haryana*	2.25	0.00	0.10	2.35	N/A	2.35
14	01-Apr-23	2023-24	Himachal Pradesh*	4.37	0.85	0.13	5.35	2.30	3.05
15	13-Oct-22	2022-23	J&K*	2.00	0.24	0.30	2.54	N/A	2.54
	01-Oct-22	2022-23	Ladakh*	2.00	0.24	0.30	2.54	N/A	2.54
16	01-Jun-23	2021-22	Jharkhand	6.30	1.00	0.20	7.50	N/A	7.50
17	01-Apr-23	2023-24	Karnataka*	4.75	0.74	0.29	5.77	N/A	5.77
18	01-Jul-23	2023-24	Kerala	3.55	0.90	0.36	4.81	N/A	4.81
19	01-Apr-23	2023-24	Lakshadweep*	1.75	0.60	0.00	2.35	N/A	2.35
20	01-Apr-23	2023-24	Madhya Pradesh	4.75	0.57	0.43	5.75	N/A	5.75
21	01-Apr-23	2023-24	Maharashtra	5.58	1.16	0.89	7.63	N/A	7.63
22	01-Apr-23	2023-24	Manipur*	7.30	1.95	0.00	9.25	2.12	7.13
23	01-Apr-23	2023-24	Meghalaya	4.50	2.40	0.05	6.95	N/A	6.95
24	01-Apr-23	2023-24	Mizoram*	8.95	1.50	0.00	10.45	3.39	7.06
25	01-Apr-23	2023-24	Nagaland*	5.67	0.00	0.00	5.67	N/A	5.67
26	01-Apr-23	2023-24	Odisha	3.90	0.60	0.16	4.66	N/A	4.66
27	01-Apr-23	2023-24	Puducherry	2.25	0.90	0.00	3.15	N/A	3.15
28	16-May-23	2023-24*	Punjab	4.44	2.25	0.58	7.27	N/A	6.03
29	01-Apr-23	2023-24	Rajasthan	5.63	2.30	0.40	8.33	N/A	8.33
30	01-Apr-23	2023-24	Sikkim	1.10	0.50	0.00	1.60	N/A	1.60
31	01-Jul-23	2023-24	Tamil Nadu*	4.60	0.00	0.00	4.60	N/A	4.60
32	01-Apr-23	2023-24	Telangana*	2.53	0.30	0.06	2.89	N/A	2.89
33	01-Sep-22	2022-23	Tripura*	5.41	0.50	0.00	5.91	N/A	5.91
34	01-Jun-23	2023-24	Uttar Pradesh*	3.35	2.70	0.17	6.22	N/A	6.22
35	01-Apr-23	2023-24	Uttarakhand	3.15	2.10	0.15	5.40	N/A	5.40
36	01-Apr-23	2023-24	West Bengal	5.00	1.08	0.00	6.08	N/A	6.08

Notes:

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

[¹] BERC has approved the retail tariff for 2023-24 without considering Government Subsidy as direct subsidy is expected to be announced by the Government of Bihar.

Table-2(b): Domestic Category (3kW, 500 Units per month)

(in Rs/kWh)

#	Tariff Applicable from	Applicable Period	Domestic (3kW, 500 Units per month)						
			State	Energy Charges	Fixed Charges	Electrical Duty	Total	Govt Subsidy	Effective Rate
1	01-Apr-23	2023-24	Andaman & Nicobar	6.85	0.12	0.00	6.97	N/A	6.97
2	01-Apr-23	2023-24	Andhra Pradesh*	7.05	0.06	0.00	7.11	N/A	7.11
3	01-Jun-18	2018-19	Arunachal Pradesh*	4.00	0.00	0.00	4.00	N/A	4.00
4	01-Apr-23	2023-24	Assam	7.16	0.42	0.20	7.78	0.18	7.60
5	01-Apr-23	2023-24	Bihar ¹	8.95	0.48	0.54	9.96	N/A	9.96
6	01-Apr-23	2023-24	Chandigarh	3.88	0.09	0.09	4.06	N/A	4.06
7	01-Apr-23	2023-24	Chhattisgarh*	4.90	0.12	0.39	5.41	N/A	5.41
8	01-Apr-22	2022-23	Dadra & Nagar Haveli*	2.65	0.06	0.00	2.71	N/A	2.71
9	01-Apr-22	2022-23	Daman & Diu	2.28	0.04	0.00	2.32	N/A	2.32
10	01-Oct-21	2021-22	Delhi	4.30	0.30	0.22	4.82	N/A	4.82
11	01-Apr-23	2023-24	Goa*	3.43	0.12	0.20	3.75	N/A	3.75
12	01-Apr-23	2023-24	Gujarat	4.50	0.05	0.68	5.23	N/A	5.23
13	01-Apr-23	2023-24	Haryana*	5.03	0.00	0.10	5.13	N/A	5.13
14	01-Apr-23	2023-24	Himachal Pradesh	5.29	0.17	0.16	5.61	1.22	4.39
15	13-Oct-22	2022-23	J&K*	2.96	0.05	0.44	3.45	N/A	3.45
	01-Oct-22	2022-23	Ladakh*	2.96	0.05	0.44	3.45	N/A	3.45
16	01-Jun-23	2021-22	Jharkhand	6.30	0.20	0.24	6.74	N/A	6.74
17	01-Apr-23	2023-24	Karnataka*	7.00	0.74	0.42	8.16	N/A	8.16
18	01-Jul-23	2023-24	Kerala	7.60	0.40	0.76	8.76	N/A	8.76
19	01-Apr-23	2023-24	Lakshadweep*	5.45	0.12	0.00	5.57	N/A	5.57
20	01-Apr-23	2023-24	Madhya Pradesh	6.18	1.56	0.74	8.48	N/A	8.48
21	01-Apr-23	2023-24	Maharashtra	11.35	0.23	1.82	13.40	N/A	13.40
22	01-Apr-23	2023-24	Manipur*	8.74	0.39	0.00	9.13	2.41	6.72
23	01-Apr-23	2023-24	Meghalaya	5.92	0.48	0.05	6.45	N/A	6.45
24	01-Apr-23	2023-24	Mizoram*	9.42	0.30	0.00	9.72	3.08	6.64
25	01-Apr-23	2023-24	Nagaland*	6.63	0.00	0.00	6.63	N/A	6.63
26	01-Apr-23	2023-24	Odisha	5.30	0.12	0.21	5.63	N/A	5.63
27	01-Apr-23	2023-24	Puducherry	4.90	0.18	0.00	5.08	N/A	5.08
28	16-May-23	2023-24*	Punjab	6.64	0.45	0.86	7.96	N/A	7.96
29	01-Apr-23	2023-24	Rajasthan	7.04	0.69	0.40	8.13	N/A	8.13
30	01-Apr-23	2023-24	Sikkim	3.11	0.10	0.00	3.21	N/A	3.21
31	01-Jul-23	2023-24	Tamil Nadu*	7.15	0.00	0.00	7.15	N/A	7.15
32	01-Apr-23	2023-24	Telangana*	7.28	0.06	0.06	7.40	N/A	7.40
33	01-Sep-22	2022-23	Tripura*	6.29	0.10	0.00	6.39	N/A	6.39
34	01-Jun-23	2023-24	Uttar Pradesh*	6.05	0.66	0.30	7.01	N/A	7.01
35	01-Apr-23	2023-24	Uttarakhand	5.46	0.42	0.15	6.03	N/A	6.03
36	01-Apr-23	2023-24	West Bengal	6.62	0.22	0.66	7.50	N/A	7.50

Notes:

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

[¹] BERC has approved the retail tariff for 2023-24 without considering Government Subsidy as direct subsidy is expected to be announced by the Government of Bihar.

Table-2(c): Non-Domestic Category (5kW, 500 Units per month)

(in Rs/kWh)

#	Tariff Applicable from	Applicable Period	Non-Domestic (5kW, 500 Units per month)				
			State	Energy Charges	Fixed Charges	Electrical Duty	Effective Rate
1	01-Apr-23	2023-24	Andaman & Nicobar	10.60	0.07	0.00	10.67
2	01-Apr-23	2023-24	Andhra Pradesh	8.77	0.75	0.06	9.58
3	01-Jun-18	2018-19	Arunachal Pradesh	5.00	0.00	0.00	5.00
4	01-Apr-23	2023-24	Assam	7.90	1.50	0.20	9.60
5	01-Apr-23	2023-24	Bihar ¹	8.84	3.00	0.53	12.37
6	01-Apr-23	2023-24	Chandigarh	4.70	0.25	0.11	5.06
7	01-Apr-23	2023-24	Chhattisgarh	6.93	0.50	0.83	8.26
8	01-Apr-22	2022-23	Dadra & Nagar Haveli	4.15	0.20	0.00	4.35
9	01-Apr-22	2022-23	Daman & Diu	3.84	0.05	0.00	3.89
10	01-Oct-21	2021-22	Delhi	8.50	2.50	0.43	11.43
11	01-Apr-23	2023-24	Goa	4.66	0.40	0.70	5.76
12	01-Apr-23	2023-24	Gujarat	4.35	0.50	0.65	5.50
13	01-Apr-23	2023-24	Haryana	8.27	5.64	0.10	14.01
14	01-Apr-23	2023-24	Himachal Pradesh*	5.42	0.29	0.43	6.14
15	13-Oct-22	2022-23	J&K*	4.06	0.50	0.61	5.17
	01-Oct-22	2022-23	Ladakh*	4.06	0.50	0.61	5.17
16	01-Jun-23	2021-22	Jharkhand	6.15	1.50	0.30	7.95
17	01-Apr-23	2023-24	Karnataka	8.50	0.31	0.51	9.32
18	01-Jul-23	2023-24	Kerala	8.15	1.60	0.82	10.57
19	01-Apr-23	2023-24	Lakshadweep	10.64	0.30	0.00	10.94
20	01-Apr-23	2023-24	Madhya Pradesh	6.50	1.56	0.39	8.45
21	01-Apr-23	2023-24	Maharashtra	8.42	0.85	1.77	11.04
22	01-Apr-23	2023-24	Manipur	7.46	0.85	0.00	8.31
23	01-Apr-23	2023-24	Meghalaya	7.58	1.40	0.06	9.04
24	01-Apr-23	2023-24	Mizoram	9.89	0.80	0.00	10.69
25	01-Apr-23	2023-24	Nagaland	8.66	0.00	0.00	8.66
26	01-Apr-23	2023-24	Odisha	7.02	0.30	0.28	7.60
27	01-Apr-23	2023-24	Puducherry	7.22	0.75	0.00	7.97
28	16-May-23	2023-24	Punjab	7.12	0.70	0.93	8.74
29	01-Apr-23	2023-24	Rajasthan	8.52	0.76	0.40	9.68
30	01-Apr-23	2023-24	Sikkim	5.46	1.00	0.00	6.46
31	01-Jul-23	2023-24	Tamil Nadu	8.15	1.02	0.41	9.58
32	01-Apr-23	2023-24	Telangana	9.82	0.70	0.06	10.58
33	01-Sep-22	2022-23	Tripura	7.08	0.12	0.00	7.20
34	01-Jun-23	2023-24	Uttar Pradesh	7.50	4.50	0.56	12.56
35	01-Apr-23	2023-24	Uttarakhand	5.40	0.80	0.15	6.35
36	01-Apr-23	2023-24	West Bengal	7.19	0.72	0.90	8.81

Notes:

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

[¹] BERC has approved the retail tariff for 2023-24 without considering Government Subsidy as direct subsidy is expected to be announced by the Government of Bihar.

Table-2(d): Agriculture Category (7.5kW 15% LF, 817 Units per month)

(in Rs/kWh)

#	Tariff Applicable from	Applicable Period	Agriculture (7.5KW 15% LF, 817 Units per month)						
			State	Energy Charge	Fixed Charge	Electrical Duty	Total	Govt Subsidy	Effective Rate
1	01-Apr-23	2023-24	Andaman & Nicobar*	1.75	0.46	0.00	2.21	N/A	2.21
2	01-Apr-23	2023-24	Andhra Pradesh*	3.75	0.18	0.00	0.00	N/A	3.93
3	01-Jun-18	2018-19	Arunachal Pradesh*	3.10	0.00	0.00	3.10	N/A	3.10
4	01-Apr-23	2023-24	Assam	5.05	0.60	0.20	5.35	N/A	5.85
5	01-Apr-23	2023-24	Bihar ¹	6.89	1.22	0.04	5.96	N/A	8.15
6	01-Apr-23	2023-24	Chandigarh	2.60	0.00	0.00	2.60	N/A	2.60
7	01-Apr-23	2023-24	Chhattisgarh*	5.05	1.22	0.00	6.27	N/A	6.27
8	01-Apr-22	2022-23	Dadra & Nagar Haveli	0.90	0.00	0.00	0.90	N/A	0.90
9	01-Apr-22	2022-23	Daman & Diu	0.75	0.00	0.00	0.75	N/A	0.75
10	01-Oct-21	2021-22	Delhi	1.50	1.15	0.08	2.73	N/A	2.73
11	01-Apr-23	2023-24	Goa*	1.50	0.22	0.20	1.92	N/A	1.92
12	01-Apr-23	2023-24	Gujarat*	0.60	0.24	0.00	0.84	N/A	0.84
13	01-Apr-23	2023-24	Haryana*	6.62	0.00	0.00	6.67	N/A	6.62
14	01-Apr-23	2023-24	Himachal Pradesh*	4.12	0.13	0.41	4.42	3.60	1.06
15	13-Oct-22	2022-23	J&K*	1.00	0.20	0.15	0.91	N/A	1.35
	01-Oct-22	2022-23	Ladakh*	1.00	0.20	0.15	1.35	N/A	1.35
16	01-Jun-23	2021-22	Jharkhand	5.00	0.49	0.02	5.51	N/A	5.51
17	01-Apr-23	2023-24	Karnataka	4.76	0.00	0.00	4.76	4.76	0.00
18	01-Jul-23	2023-24	Kerala	2.30	0.14	0.23	2.67	N/A	2.67
19	01-Apr-23	2023-24	Lakshadweep	-	-	0.00	-	N/A	0.00
20	01-Apr-23	2023-24	Madhya Pradesh	5.56	1.03	0.00	6.46	N/A	6.59
21	01-Apr-23	2023-24	Maharashtra	4.17	0.58	0.00	3.83	N/A	4.75
22	01-Apr-23	2023-24	Manipur*	7.06	0.60	0.00	5.15	2.49	5.17
23	01-Apr-23	2023-24	Meghalaya	3.50	1.10	0.06	4.66	N/A	4.66
24	01-Apr-23	2023-24	Mizoram*	10.99	0.46	0.00	4.26	6.23	5.22
25	01-Apr-23	2023-24	Nagaland*	3.35	0.00	0.00	3.35	N/A	3.35
26	01-Apr-23	2023-24	Odisha	1.50	0.11	0.03	1.64	0.10	1.54
27	01-Apr-23	2023-24	Puducherry	0.00	0.24	0.00	0.24	N/A	0.24
28	16-May-23	2023-24	Punjab	6.55	0.00	0.85	7.40	5.66	1.74
29	01-Apr-23	2023-24	Rajasthan	5.55	0.37	0.04	5.96	N/A	5.96
30	01-Apr-23	2023-24	Sikkim	-	-	-	-	N/A	0.00
31	01-Jul-23	2023-24	Tamil Nadu	4.60	0.67	0.00	5.27	N/A	5.27
32	01-Apr-23	2023-24	Telangana*	4.00	0.18	0.00	4.18	N/A	4.18
33	01-Sep-22	2022-23	Tripura*	4.95	0.28	0.00	5.23	N/A	5.23
34	01-Jun-23	2023-24	Uttar Pradesh*	2.00	0.86	0.15	3.01	N/A	3.01
35	01-Apr-23	2023-24	Uttarakhand	3.25	0.00	0.15	3.00	N/A	3.40
36	01-Apr-23	2023-24	West Bengal	4.30	0.44	0.00	4.75	N/A	4.75

Notes:

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

[¹] BERC has approved the retail tariff for 2023-24 without considering Government Subsidy as direct subsidy is expected to be announced by the Government of Bihar.

Table-2(e): Small Industrial Category (10kW 20% LF, 1460 Units per month)

(in Rs/kWh)

#	Tariff Applicable from	Applicable Period	Small Industrial (10kW, 20% LF, 1460 Units per month)				
			State	Energy Charges	Fixed Charges	Electrical Duty	Effective Rate
1	01-Apr-23	2023-24	Andaman & Nicobar	9.89	0.38	N/A	10.26
2	01-Apr-23	2023-24	Andhra Pradesh	6.70	0.51	0.06	7.27
3	01-Jun-18	2018-19	Arunachal Pradesh	3.85	0.00	N/A	3.85
4	01-Apr-23	2023-24	Assam	5.55	0.48	0.20	6.23
5	01-Apr-23	2023-24	Bihar ¹	7.94	2.37	0.48	10.78
6	01-Apr-23	2023-24	Chandigarh	4.30	0.21	0.11	4.62
7	01-Apr-23	2023-24	Chhattisgarh	5.15	0.82	0.15	6.13
8	01-Apr-22	2022-23	Dadra & Nagar Haveli	3.65	0.27	N/A	3.92
9	01-Apr-22	2022-23	Daman & Diu	3.60	0.37	N/A	3.97
10	01-Oct-21	2021-22	Delhi	7.75	1.71	0.39	9.85
11	01-Apr-23	2023-24	Goa	4.03	0.46	0.70	5.18
12	01-Apr-23	2023-24	Gujarat	4.35	0.79	0.44	5.57
13	01-Apr-23	2023-24	Haryana	7.05	0.00	0.10	7.15
14	01-Apr-23	2023-24	Himachal Pradesh*	5.17	0.11	0.26	5.53
15	13-Oct-22	2022-23	J&K*	3.65	0.04	0.55	4.24
	01-Oct-22	2022-23	Ladakh*	3.65	0.04	0.55	4.24
16	01-Jun-23	2021-22	Jharkhand	5.90	1.03	0.05	6.98
17	01-Apr-23	2023-24	Karnataka	6.76	1.28	0.41	8.44
18	01-Jul-23	2023-24	Kerala	5.80	0.08	0.58	6.46
19	01-Apr-23	2023-24	Lakshadweep	8.00	0.41	N/A	8.41
20	01-Apr-23	2023-24	Madhya Pradesh	6.60	2.19	0.59	9.39
21	01-Apr-23	2023-24	Maharashtra	7.15	0.36	0.66	8.18
22	01-Apr-23	2023-24	Manipur	5.67	0.48	N/A	6.15
23	01-Apr-23	2023-24	Meghalaya	6.80	1.15	0.05	8.00
24	01-Apr-23	2023-24	Mizoram	11.64	0.55	N/A	12.18
25	01-Apr-23	2023-24	Nagaland	6.86	0.00	N/A	6.86
26	01-Apr-23	2023-24	Odisha	6.20	0.27	0.31	6.78
27	01-Apr-23	2023-24	Puducherry	6.35	0.34	N/A	6.69
28	16-May-23	2023-24	Punjab	5.67	0.86	0.74	7.27
29	01-Apr-23	2023-24	Rajasthan	6.30	1.00	0.40	7.70
30	01-Apr-23	2023-24	Sikkim	4.57	0.34	N/A	4.91
31	01-Jul-23	2023-24	Tamil Nadu	7.65	0.53	0.38	8.56
32	01-Apr-23	2023-24	Telangana	7.70	0.51	0.06	8.27
33	01-Sep-22	2022-23	Tripura	7.10	0.31	N/A	7.41
34	01-Jun-23	2023-24	Uttar Pradesh	7.40	1.99	0.56	9.94
35	01-Apr-23	2023-24	Uttarakhand	5.45	1.16	0.20	6.81
36	01-Apr-23	2023-24	West Bengal	6.96	0.62	0.17	7.75

Notes:

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

[¹] BERC has approved the retail tariff for 2023-24 without considering Government Subsidy as direct subsidy is expected to be announced by the Government of Bihar.

Table-2(f): Medium Industrial Category (50kW 30% LF, 10950 Units per month)

(in Rs/kWh)

#	Tariff Applicable from	Applicable Period	Medium Industrial (50KW, 30% LF, 10950 Units per month)				
			State	Energy Charges	Fixed Charges	Electrical Duty	Effective Rate
1	01-Apr-23	2023-24	Andaman & Nicobar	11.99	0.25	0.00	12.24
2	01-Apr-23	2023-24	Andhra Pradesh	6.70	0.34	0.06	7.10
3	01-Jun-18	2018-19	Arunachal Pradesh	3.50	0.00	0.00	3.50
4	01-Apr-23	2023-24	Assam	6.25	0.49	0.20	6.94
5	01-Apr-23	2023-24	Bihar ¹	7.94	1.97	0.48	10.39
6	01-Apr-23	2023-24	Chandigarh	4.20	0.91	0.11	5.22
7	01-Apr-23	2023-24	Chhattisgarh	5.90	0.68	0.18	6.76
8	01-Apr-22	2022-23	Dadra & Nagar Haveli	3.85	0.49	0.00	4.34
9	01-Apr-22	2022-23	Daman & Diu	3.60	0.24	0.00	3.84
10	01-Oct-21	2021-22	Delhi	7.75	1.14	0.39	9.28
11	01-Apr-23	2023-24	Goa	4.22	0.30	0.70	5.22
12	01-Apr-23	2023-24	Gujarat	4.60	0.45	0.46	5.51
13	01-Apr-23	2023-24	Haryana	6.55	0.60	0.10	7.25
14	01-Apr-23	2023-24	Himachal Pradesh*	5.06	0.66	0.56	6.27
15	13-Oct-22	2022-23	J&K*	3.60	0.02	0.54	4.16
	01-Oct-22	2022-23	Ladakh*	3.60	0.02	0.54	4.16
16	01-Jun-23	2021-22	Jharkhand	5.90	0.68	0.05	6.63
17	01-Apr-23	2023-24	Karnataka	7.40	1.60	0.44	9.44
18	01-Jul-23	2023-24	Kerala	5.85	0.02	0.10	5.97
19	01-Apr-23	2023-24	Lakshadweep	8.00	0.27	0.00	8.27
20	01-Apr-23	2023-24	Madhya Pradesh	6.30	0.17	0.57	7.04
21	01-Apr-23	2023-24	Maharashtra	8.25	1.61	0.77	10.63
22	01-Apr-23	2023-24	Manipur	8.10	0.58	0.00	8.68
23	01-Apr-23	2023-24	Meghalaya	6.80	0.77	0.05	7.62
24	01-Apr-23	2023-24	Mizoram	11.72	0.37	0.00	12.09
25	01-Apr-23	2023-24	Nagaland	7.42	0.00	0.00	7.42
26	01-Apr-23	2023-24	Odisha	6.20	0.37	0.31	6.88
27	01-Apr-23	2023-24	Puducherry	5.45	2.30	0.00	7.75
28	16-May-23	2023-24	Punjab	6.10	0.77	0.79	7.66
29	01-Apr-23	2023-24	Rajasthan	7.00	0.70	0.40	8.10
30	01-Apr-23	2023-24	Sikkim	7.02	1.64	0.00	8.67
31	01-Jul-23	2023-24	Tamil Nadu	6.90	3.08	0.35	10.32
32	01-Apr-23	2023-24	Telangana	7.70	0.34	0.06	8.10
33	01-Sep-22	2022-23	Tripura	7.24	0.27	0.00	7.51
34	01-Jun-23	2023-24	Uttar Pradesh	7.30	1.32	0.55	9.17
35	01-Apr-23	2023-24	Uttarakhand	5.15	0.96	0.20	6.31
36	01-Apr-23	2023-24	West Bengal	7.72	0.41	0.96	9.09

Notes:

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

[¹] BERC has approved the retail tariff for 2023-24 without considering Government Subsidy as direct subsidy is expected to be announced by the Government of Bihar.

Table-2(g): Large Industrial Category (1000kW 40% LF, 365000 Units per month)

(in Rs/kWh)

#	Tariff Applicable from	Applicable Period	Large Industrial (1000KW, 40% LF, 365000 Units per month)				
			State	Energy Charges	Fixed Charges	Electrical Duty	Effective Rate
1	01-Apr-23	2023-24	Andaman & Nicobar	12.24	0.15	0.00	12.39
2	01-Apr-23	2023-24	Andhra Pradesh	6.30	1.30	0.06	7.66
3	01-Jun-18	2018-19	Arunachal Pradesh	3.35	0.00	0.00	3.35
4	01-Apr-23	2023-24	Assam	7.05	0.92	0.20	8.17
5	01-Apr-23	2023-24	Bihar	8.00	1.81	0.48	10.29
6	01-Apr-23	2023-24	Chandigarh	4.50	0.55	0.11	5.16
7	01-Apr-23	2023-24	Chhattisgarh	7.25	1.03	1.45	9.73
8	01-Apr-22	2022-23	Dadra & Nagar Haveli	4.30	1.32	0.00	5.62
9	01-Apr-22	2022-23	Daman & Diu	4.20	1.04	0.00	5.24
10	01-Oct-21	2021-22	Delhi	7.75	0.68	0.39	8.82
11	01-Apr-23	2023-24	Goa	4.95	0.90	0.70	6.55
12	01-Apr-23	2023-24	Gujarat	4.20	0.82	0.63	5.65
13	01-Apr-23	2023-24	Haryana	6.35	0.54	0.10	6.99
14	01-Apr-23	2023-24	Himachal Pradesh	4.46	1.40	0.49	6.35
15	13-Oct-22	2022-23	J&K	3.50	0.58	0.53	4.60
	01-Oct-22	2022-23	Ladakh	3.50	0.58	0.53	4.60
16	01-Jun-23	2021-22	Jharkhand	5.65	1.10	0.05	6.80
17	01-Apr-23	2023-24	Karnataka	7.40	0.96	0.44	8.80
18	01-Jul-23	2023-24	Kerala	6.10	1.07	0.10	7.27
19	01-Apr-23	2023-24	Lakshadweep	10.50	0.49	0.00	10.99
20	01-Apr-23	2023-24	Madhya Pradesh	5.86	2.31	0.88	9.05
21	01-Apr-23	2023-24	Maharashtra	8.25	1.16	0.77	10.18
22	01-Apr-23	2023-24	Manipur	6.65	0.35	0.00	7.00
23	01-Apr-23	2023-24	Meghalaya	7.74	0.99	0.03	8.75
24	01-Apr-23	2023-24	Mizoram	11.12	0.26	0.00	11.38
25	01-Apr-23	2023-24	Nagaland	7.50	0.00	0.00	7.50
26	01-Apr-23	2023-24	Odisha	5.85	0.82	0.47	7.14
27	01-Apr-23	2023-24	Puducherry	5.50	1.58	0.00	7.08
28	16-May-23	2023-24	Punjab	6.55	0.90	0.85	8.31
29	01-Apr-23	2023-24	Rajasthan	7.30	0.74	0.40	8.44
30	01-Apr-23	2023-24	Sikkim	6.55	1.43	0.00	7.98
31	01-Jul-23	2023-24	Tamil Nadu	6.90	1.85	0.35	9.09
32	01-Apr-23	2023-24	Telangana	7.65	1.56	0.06	9.27
33	01-Sep-22	2022-23	Tripura	7.25	0.21	0.00	7.46
34	01-Jun-23	2023-24	Uttar Pradesh	7.10	0.82	0.53	8.45
35	01-Apr-23	2023-24	Uttarakhand	5.74	1.45	0.50	7.69
36	01-Apr-23	2023-24	West Bengal	6.75	1.26	0.84	8.86

Assumptions

1 kVA = 1 kW (unity power factor)

LF = 100%

1 HP = 0.75 kW

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

Table-3: Cross Subsidy and Consumption Trend for LT Industrial Consumers

The National Tariff Policy 2016 has recognized that in terms of Section 61 (g) of the Electricity Act 2003, the State Commission shall be guided by the objective that the tariff progressively reflects the efficient and prudent cost of supply of electricity. The section 61 (g) of the Electricity Act 2003 is given below:

“Section 61. (Tariff Regulations):(g) that the tariff progressively reflects the cost of supply of electricity and also, reduces cross-subsidies in the manner specified by the Appropriate Commission;]....”

Based on above, the compliance status has been identified for LT Industrial Category as per the recent tariff order by the SERC/ JERC and same is captured below:

States/UT	Cross-Subsidy (%)				Energy Consumption (in MUs)			
	2020-21	2021-22	2022-23	2023-24	2020-21	2021-22	2022-23	2023-24
Andaman & Nicobar	NA	NA	NA	NA	NA	NA	NA	NA
Andhra Pradesh	118%	131%	125%	123%	1,473	1,543	1,664	1,623
Arunachal Pradesh	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Assam	89%	83%	83%	94%	133	132	134	113
Bihar	145%	139%	147%	141%	617	859	873	1,110
Chandigarh	101%	94%	94%	81%	33	18	16	18
Chhattisgarh	111%	116%	123%	115%	548	565	617	719
Dadra & Nagar Haveli	102%	81%	103%	N/A	240	283	244	N/A
Daman & Diu	90%	91%	95%	N/A	205	221	216	N/A
Delhi	NA	NA	N/A	N/A	NA	NA	N/A	N/A
Goa	81%	84%	84%	89%	110	85	85	91
Gujarat	NA	NA	NA	NA	NA	NA	NA	NA
Haryana	102%	112%	N/A	N/A	1,492	2,134	2,289	3,312
Himachal Pradesh	118%	163%	101%	107%	124	90	92	93
Jammu & Kashmir	N/A	N/A	77%	N/A	N/A	N/A	251	N/A
Jharkhand	124%	106%	N/A	N/A	249	237	N/A	N/A
Karnataka	122%	128%	132%	126%	1,804	2,020	2,030	2,241
Kerala	N/A	N/A	107%	N/A	N/A	N/A	1,116	N/A
Ladakh	N/A	N/A	53%	N/A	N/A	N/A	3.41	N/A
Lakshadweep	51%	43%	39%	27%	0.35	0.37	0.40	0.41
Madhya Pradesh	145%	139%	143%	130%	1,289	1,456	1,564	1,622
Maharashtra	111%	110%	112%	107%	7,515	7,879	8,260	9,804
Manipur	54%	47%	48%	116%	21	19	23	21
Meghalaya	115%	166%	185%	124%	5	6	6	6
Mizoram	86%	99%	84%	120%	4	3	4	3
Nagaland	60%	59%	75%	100%	63	69	48	46
Odisha	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Puducherry	102%	108%	118%	118%	130	124	127	133
Punjab	107%	113%	114%	110%	844	1,052	1,312	914
Rajasthan	107%	108%	105%	102%	780	819	889	989
Sikkim	108%	76%	85%	68%	5	2	2	3
Tamil Nadu	N/A	N/A	80%	N/A	N/A	N/A	9,368	N/A

States/UT	Cross-Subsidy (%)				Energy Consumption (in MUs)			
	2020-21	2021-22	2022-23	2023-24	2020-21	2021-22	2022-23	2023-24
Telangana	N/A	N/A	123%	122%	N/A	N/A	1,150	985
Tripura	NA	NA	NA	NA	NA	NA	NA	NA
Uttar Pradesh	128%	148%	119%	111%	3,071	3,425	3,481	3,893
Uttarakhand	109%	109%	106%	108%	317	320	341	395
West Bengal	N/A	N/A	N/A	N/A	1,481	1,536	1,593	1,648

Notes:

1. State level aggregation is based on average of DISCOM level values weighted against corresponding energy sales.
2. In absence of categorization, large & medium Industries are assumed under HT Industries while the small industries assumed under LT Industries
3. For Haryana, Odisha and West Bengal, the consumer category wise details are not provided

Analysis/ observations on compliance

- SERCs of **19** States/ UTs do not comply with the requirement of $\pm 20\%$ limit for FY 2023-24.
- Cross Subsidy for LT Industrial Consumers is not applicable in Andaman & Nicobar, Delhi, Gujarat and Tripura

Table-4: Cross Subsidy and Consumption Trend for HT Industrial Consumers

The National Tariff Policy 2016 has recognized that in terms of Section 61 (g) of the Electricity Act 2003, the State Commission shall be guided by the objective that the tariff progressively reflects the efficient and prudent cost of supply of electricity. The section 61 (g) of the Electricity Act 2003 is given below:

“Section 61. (Tariff Regulations):(g) that the tariff progressively reflects the cost of supply of electricity and also, reduces cross-subsidies in the manner specified by the Appropriate Commission;]....”

Based on above, the compliance status has been identified for HT Industrial Category as per the recent tariff order by the SERC/ JERC and same is captured below:

DISCOMS	Cross-Subsidy (in %)				Energy Consumption (in MUs)			
	2020-21	2021-22	2022-23	2023-24	2020-21	2021-22	2022-23	2023-24
Andaman & Nicobar	28%	28%	30%	29%	19	10	12	13
Andhra Pradesh	107%	117%	105%	106%	14,967	14,546	17,180	20,901
Arunachal Pradesh	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Assam	118%	105%	104%	119%	1,145	1,021	1,295	1,173
Bihar	115%	112%	123%	140%	2,865	2,950	2,798	3,536
Chandigarh	114%	110%	112%	105%	330	233	217	231
Chhattisgarh	121%	109%	112%	104%	9,340	9,088	9,008	11,328
Dadra & Nagar Haveli	105%	100%	104%	N/A	6,242	6,089	6,436	N/A
Daman & Diu	103%	103%	106%	N/A	2,237	2,156	2,132	N/A
Delhi	133%	142%	N/A	N/A	2,842	3,231	N/A	N/A
Goa	103%	102%	102%	102%	2,063	2,001	2,054	2,251
Gujarat	131%	119%	88%	75%	36,390	35,838	37,629	46,908
Haryana	101%	112%	N/A	N/A	8,301	11,881	12,949	16,960
Himachal Pradesh	109%	107%	92%	97%	4,701	5,400	5,508	6,621
Jammu & Kashmir	N/A	N/A	93%	N/A	N/A	N/A	974	N/A
Jharkhand	109%	115%	N/A	N/A	2,481	2,039	N/A	N/A
Karnataka	123%	122%	118%	126%	7,293	7,763	8,065	9,029
Kerala	N/A	N/A	105%	N/A	N/A	N/A	3,559	N/A
Ladakh	N/A	N/A	70%	N/A	N/A	N/A	1.5	N/A
Lakshadweep	38%	16%	35%	23%	1	1	1	2
Madhya Pradesh	114%	112%	112%	111%	7,156	10,851	10,605	12,459
Maharashtra	113%	115%	115%	115%	34,157	35,519	36,934	40,337
Manipur	98%	98%	116%	120%	12	12	15	15
Meghalaya	84%	122%	135%	100%	315	573	588	679
Mizoram	76%	103%	110%	119%	12	9	6	6
Nagaland	NA	NA	NA	NA	NA	NA	NA	NA
Odisha	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Puducherry	119%	124%	116%	114%	1,542	1,502	1,532	1,600
Punjab	112%	111%	109%	102%	15,095	17,943	21,980	20,217
Rajasthan	121%	121%	115%	109%	13,008	13,992	18,126	23,471
Sikkim	199%	155%	168%	116%	218	208	252	328
Tamil Nadu	N/A	N/A	107%	N/A	N/A	N/A	11,796	N/A

DISCOMS	Cross-Subsidy (in %)				Energy Consumption (in MUs)			
	2020-21	2021-22	2022-23	2023-24	2020-21	2021-22	2022-23	2023-24
Telangana	N/A	N/A	126%	142%	N/A	N/A	15,724	18,246
Tripura	107%	103%	103%	N/A	43	45	47	N/A
Uttar Pradesh	115%	127%	106%	105%	10,855	12,353	12,881	14,474
Uttarakhand	109%	108%	109%	109%	6,633	6,884	6,058	7,274
West Bengal	N/A	N/A	N/A	N/A	8,627	9,001	9,391	9,773

Notes:

1. For Andaman & Nicobar Islands, cross subsidy is calculated based on ACoS (With Fuel Cost).
2. State level aggregation is based on average of DISCOM level values weighted against corresponding energy sales.
3. In absence of categorization, large & medium Industries are assumed under HT Industries while the small industries assumed under LT Industries
4. For Haryana, Odisha and West Bengal, the consumer category wise details are not provided

Analysis/ observations on compliance

- SERCs of 19 States/ UTs do not comply with the requirement of $\pm 20\%$ limit.
- Cross Subsidy for HT Industrial Consumers is not applicable Mizoram.
- Among all the States/ UTs, the reduction trend of cross subsidy for HT Industrial Consumers is observed in Goa, Gujarat, Madhya Pradesh, Punjab and Rajasthan only.

Table-5: Open Access Charges

In this section open access charges (such as Cross Subsidy Surcharge, Additional Surcharge, Wheeling charges, Transmission charges and banking charges) across the States/ UTs are compiled:

Table-5(a): Cross Subsidy Surcharge

(in Rs/kWh)

Andhra Pradesh	2023-24		
Category	APSPDCL	APEPDCL	APCPDCL
HT Category at 11 kV			
HT I (B): Townships, Colonies, Gated Communities and Villas	1.41	1.49	1.46
HT II (A) Commercial	2.11	2.20	2.14
HT II (A) Function Halls/Auditoriums	2.45	2.45	2.45
II (B) Start up power	2.45	2.45	2.45
II (C) EV Charging Station	0.64	NA	NA
II (D) Green Power	2.45	NA	2.45
III (A) Industry General	1.89	1.71	1.89
III (B) Seasonal Industry	3.10	2.67	2.45
III (C) Energy Intensive Industries	1.57	NA	1.06
IV (A) Utilities- Major(Composite Protected Water Supply Schemes/ PWS)	1.91	1.93	1.90
IV (B) General Purpose	2.18	2.25	2.09
HT V (E) Government / Private Lift Irrigation	1.09	1.24	1.07
HT Category at 33 kV			
HT I (B): Townships, Colonies, Gated Communities and Villas	1.54	1.46	1.55
HT II (A) Commercial	1.89	1.91	1.97
II (B) Start up power	2.45	2.45	2.45
II (D) Green Power	2.45	NA	NA
III (A) Industry General	1.49	1.47	1.54
III (B) Seasonal Industry	2.83	1.84	NA
III (C) Energy Intensive Industries	1.25	1.17	1.47
IV (A) Utilities- Major (Composite Protected Water Supply Schemes/PWS)	1.79	1.60	NA
IV (B) General Purpose	2.30	1.45	2.10
HT V (E) Government / Private Lift Irrigation	1.43	1.43	1.43
HT Category at 133 kV			
II (A) Commercial	1.66	1.62	NA
II (B) Start Up Power	2.45	2.45	2.45
II (C) Green Power	NA	NA	2.45
III (A) Industry General	1.34	1.37	1.36
III (C) Energy Intensive Industries	1.23	1.01	NA
HT IV (D) Railway Traction	1.41	1.33	1.36
HT V (E) Government / Private Lift Irrigation	1.43	NA	1.43
220 kV			
II (A) Commercial & Others	NA	1.95	NA
II (B) Start Up Power	2.45	2.45	NA

III (A) Industry General	1.41	1.32	NA
III (C) Energy Intensive Industries	NA	0.82	NA
HT IV (D) Railway Traction	1.46	NA	NA
HT V (E) Government / Private Lift Irrigation	1.43	1.43	NA
Assam	2023-24		
Category	APDCL		
HT Commercial	1.52		
HT Bulk Supply - Govt. Edu. Institutions	0.27		
HT Bulk Supply Others	1.46		
HT-II Industry above 150 kVA	1.62		
HT Tea, Coffee & Rubber Category	1.31		
HT Oil & Coal category	1.15		
Bihar	2023-24		
Category	NBPDCL	SBPDCL	
HT Category			
For 132 kV consumers	2.00	2.00	
For 33 kV consumers (other than HTSS)	2.51	2.51	
For 11 kV consumers (other than HTSS)	2.62	2.62	
Chandigarh	2023-24		
Category	Chandigarh Electricity Department (CED)		
HT/ EHT Level	1.11		
Chhattisgarh	2023-24		
Category	CSPDCL		
	For Non-RE Transactions	For RE Transactions	
220 kV/132 kV	1.28	0.64	
33 kV	2.35	1.17	
Dadra & Nagar Haveli	2022-23		
Category	DNHPDCL		
11kV level	0.60		
66kV level	0.35		
220kV level	0.52		
Daman & Diu	2022-23		
Category	DDED		
HT & EHT Level	0.59		
Delhi	2021-22		
Category	BRPL	BYPL	TPDDL
Industrial			
Above 66kV level	1.90	1.88	1.87
At 33/ 66kV level	1.90	1.88	1.87
At 11 kV level	1.90	1.88	1.87
At LT level	1.90	1.88	1.87
Non-Domestic			
Above 66kV level	2.24	2.27	2.18
At 33/ 66kV level	2.24	2.27	2.18

At 11 kV level	2.24		2.27	2.18	
At LT level	2.24		2.27	2.18	
DMRC & DJB					
Above 66kV level	1.47		1.53	0.79	
At 33/ 66kV level	0.54		1.29	0.75	
At 11 kV level	0.47		1.23	0.64	
At LT level	0.03		0.8	0.26	
Goa	2023-24				
Category	Electricity Department, Goa (EDG)				
LT/ HT/ EHT Level	NA				
Gujarat	2023-24				
Category	DGVCL	PGVCL	MGVCL	UGVCL	
HT Category	1.60	1.60	1.60	1.60	
Haryana	2023-24				
Category	UHBVNL			DHBVNL	
HT Supply	1.24			1.24	
Bulk Supply (other than DS)	1.16			1.16	
LT Supply	1.01			1.01	
Himachal Pradesh	2023-24				
Category	HPSEBL				
	Non-Peak hours			Peak Hours	
Large Industrial Power Supply EHT Consumers	0.43			0.60	
HT 2 - Consumers	0.34			0.52	
Irrigation & Drinking Water Supply Category - EHT Consumers	0.50			0.59	
Irrigation & Drinking Water Supply Category - HT Consumers	0.28			0.30	
Bulk Supply Category - EHT Consumers	0.50			0.50	
Bulk Supply Category - HT Consumers	0.24			0.24	
Jharkhand	2021-22				
Category	JBVNL				
HT Services 11 kV	1.61				
HT Services 33 kV & above	1.61				
Karnataka	2023-24				
Category	BESCOM	HESCOM	MESCOM	GESCOM	CESC
HT Categories (66kV & above)					
HT-1 Water Supply	0.70	0.70	0.70	0.70	0.70
HT-2a	2.05	2.05	2.05	2.05	2.05
HT-2b Commercial	2.80	2.80	2.80	2.80	2.80
HT-2c (i)	1.86	1.86	1.86	1.86	1.86
HT-2c (ii)	2.29	2.29	2.29	2.29	2.29
HT-4 Residential Apartments	1.91	1.91	1.91	1.91	1.91
HT-5 Temporary	3.31	3.31	3.31	3.31	3.31
HT Categories (HT Level-11kV/33kV)					
HT-1 Water Supply	0.13	0.13	0.13	0.13	0.13

HT-2a	2.05	2.05	2.05	2.05	2.05
HT-2b Commercial	2.80	2.80	2.80	2.80	2.80
HT-2c (i)	1.86	1.86	1.86	1.86	1.86
HT-2c (ii)	2.29	2.29	2.29	2.29	2.29
HT-4 Residential Apartments	1.91	1.91	1.91	1.91	1.91
HT-5 Temporary	3.31	3.31	3.31	3.31	3.31
LT Categories					
LT-1 subsidised	0.76	0.76	0.76	0.76	0.76
LT2a Domestic	1.31	1.31	1.31	1.31	1.31
LT2b Pvt. Institutions	2.20	2.20	2.20	2.20	2.20
LT3 Commercial	2.40	2.40	2.40	2.40	2.40
LT4b IP>10HP	0.83	0.83	0.83	0.83	0.83
LT4c Pvt. Nurseries	2.11	2.11	2.11	2.11	2.11
LT5 Industrial	2.27	2.27	2.27	2.27	2.27
LT6 Public lighting	0.24	0.24	0.24	0.24	0.24
LT7 Temporary Supply	5.10	5.10	5.10	5.10	5.10
Kerala	2022-23				
Category	KSEBL				
EHT- I	1.36				
EHT- II	1.29				
EHT-III	1.33				
EHT-G (A)	1.30				
EHT-G (B)	1.89				
EHT-G (C)	1.80				
Railways	1.36				
KMRL	1.37				
HT I(A) – Industry	1.54				
HT I(B) – Industry	1.67				
HT II – A	1.57				
HT II – B	1.85				
HT III – A	1.32				
HT III – B	0.63				
HT IV - Commercial (A)	2.06				
HT IV - Commercial (B)	2.18				
HT V	1.71				
Madhya Pradesh	2023-24				
Category	MPMaKVCL	MPPaKVCL	MPPoKVCL		
HV-1: Railway Traction	0.85	0.85	0.85		
HV- 2: Coal Mines	1.36	1.36	1.36		
HV- 3.1: Industrial	1.36	1.36	1.36		
HV- 3.2: Non-Industrial	1.36	1.36	1.36		
HV- 3.3: Shopping Malls	1.36	1.36	1.36		
HV- 3.4: Power Intensive Industries	0.58	0.58	0.58		
HV- 4: Seasonal & Non-Seasonal	1.36	1.36	1.36		

HV- 5: Irrigation, Public Water Works and Other than Agricultural	1.36	1.36	1.36	
HV- 6: Bulk Residential Users	1.36	1.36	1.36	
HV- 7: Synchronization and Start-Up Power	1.36	1.36	1.36	
HV- 8: EV/ E-Rickshaws Charging Stations	1.36	1.36	1.36	
Maharashtra	2023-24			
Category	MSEDCL			
HT Category - EHV (66 kV and above)				
HT I(A): Industry (General)	1.69			
HT I(B): Industry (Seasonal)	1.69			
HT II: Commercial	1.69			
HT III: Railways/ Metro/ Monorail	1.69			
HT IV: Public Water Works	1.69			
HT IX(B): Public Services-Others	1.69			
HT Category - 33 kV,22 kV & 11 kV				
HT I(A): Industry (General)	1.69			
HT I(B): Industry (Seasonal)	1.69			
HT II: HT-Commercial	1.69			
HT III: Railways/ Metro/ Monorail	1.69			
HT IV: Public Water Works	1.69			
HT V(B): Agriculture Others	1.34			
HT VI: Group Housing Society (Residential)	1.69			
HT IX(A): Public Services-Government	1.69			
HT IX(B): Public Services-Others	1.69			
HT X: EV Charging Station	1.24			
Meghalaya	2023-24			
Category	MePDCL			
HT Industrial	2.38			
EHT Industrial	1.51			
HT Ferro Alloys Industrial	1.16			
EHT Ferro Alloys Industrial	1.09			
Odisha	2023-24			
Category	TPCODL	TPNODL	TPSODL	TPWODL
HT	0.85	0.33	1.31	0.23
EHT	1.70	1.49	2.37	1.11
Puducherry	2023-24			
Category	Puducherry Electricity Department (PED)			
HT Level	2.10			
EHT Level	1.37			
Punjab	2023-24			
Category	PSPCL			
Large Supply	0.49			
Non-Residential Supply	1.40			
Bulk Supply	1.13			
Rajasthan	2023-24			

Category	AVVNL	JdVVNL	JVVNL
Non- Domestic service			
11KV	2.23	2.23	2.23
33KV	2.16	2.16	2.16
132KV and above	2.14	2.14	2.14
Mixed Load/ Bulk Supply			
11KV	1.92	1.92	1.92
33KV	1.85	1.85	1.85
132KV and above	1.84	1.84	1.84
Large Industrial Service			
11KV	1.58	1.58	1.58
33KV	1.67	1.67	1.67
132KV and above	1.65	1.65	1.65
Tamil Nadu	2023-24		
Category	TANGEDCO		
HT-Industry	1.86		
Govt. educational institute	2.02		
Pvt Educational Institute	2.27		
HT commercial	2.41		
Temporary Supply	3.24		
Telangana	2023-24		
Category	TSNPDCL	TSSPDCL	
HT Category 11 kV			
HT-I Industry General	2.02	2.03	
HT-II – Others	2.43	2.45	
HT - III Airport Bus and Railway Station	2.10	2.24	
HT-IV Lift Irrigation & Agriculture & CPWS	0.31	0.95	
HT-VI Townships & Residential Colonies	1.88	1.83	
HT-Temporary Supply	3.16	3.16	
HT-IX EV Charging Station	NA	1.44	
HT Category 33kV			
HT-I Industry Segregated	1.71	1.79	
HT-II – Others	2.58	2.04	
HT-IV Lift Irrigation & Agriculture & CPWS	1.29	1.28	
HT-VI Townships & Residential Colonies	1.98	1.74	
HT-Temporary Supply	5.29	2.80	
HT Category 132kV			
HT-I Industry Segregated	1.67	1.59	
HT-II Others	8.24	1.77	
HT-IV Lift Irrigation & Agriculture & CPWS	1.58	1.40	
HT-V Railway Traction & HMR	1.36	1.65	
HT-VI Townships & Residential Colonies	1.65	NA	
HT-III Airports, Bus & Rly Stations	NA	1.86	
Tripura	2022-23		

Category	TSECL				
Commercial					
3-phase: All Units	0.37				
3-phase group	0.44				
Industrial					
Above 5-20 HP	0.78				
Above 20-100 HP	1.41				
Above 100 HP	1.87				
Bulk Supply	0.01				
Mobile Tower	0.30				
Uttar Pradesh	2023-24				
Category	DVVNL	KESCO	PVVNL	PuVVNL	MVVNL
HV-1 (Supply at 11 kV)	1.58	1.58	1.58	1.58	1.58
HV-1 (Supply above 11 kV)	2.12	2.12	2.12	2.12	2.12
HV-2 (Supply at 11 kV)	0.75	0.75	0.75	0.75	0.75
HV-2 (Supply above 11 kV & upto 66kV)	0.49	0.49	0.49	0.49	0.49
HV-2 (Supply above 66 kV & upto 132kV)	0.33	0.33	0.33	0.33	0.33
HV-2 (Supply above 132 kV)	0.31	0.31	0.31	0.31	0.31
HV-3 (For Railway Traction)	2.01	2.01	2.01	2.01	2.01
HV-3 (For Metro traction)	1.44	1.44	1.44	1.44	1.44
HV-4 (Supply at 11 kV)	1.51	1.51	1.51	1.51	1.51
HV-4 (Supply above 11 kV & upto 66kV)	1.81	1.81	1.81	1.81	1.81
HV-4 (Supply above 66 kV & upto 132kV)	1.99	1.99	1.99	1.99	1.99
Uttarakhand	2023-24				
Category	UPCL				
HT Industrial	0.60				
Non-Domestic	1.08				
West Bengal	2023-24				
Category	WBSEDCL				
LV & MV					
Commercial	1.57				
Public Utility	1.21				
Public Water Works	1.01				
Industries (Rural)	1.25				
Industries (Urban)	1.34				
Private School	1.47				
Domestic (50 KVA & above)	0.89				
Industries (50 KVA & above)	1.80				
Commercial (50 KVA & above)	1.89				
HV & EHV					
Domestic	0.57				
Commercial-11kV	1.92				
Commercial-33kV	1.89				
Industries-11kV	1.13				

Industries-33kV	0.94
Industries-132kV	0.48
Public Utility	1.87
Public Water Works	1.84
Cold Storage	0.11
Metro	0.23

Table-5(b): Additional Surcharge

(in Rs/kWh)

	Applicable Period	Additional Surcharge
Low Additional Surcharge Level: ≤ Rs 1.50		
Chandigarh	2023-24	1.34
Dadra & Nagar Haveli	2022-23	1.42
Goa	2023-24	0.93
Gujarat	2023-24	0.76
Haryana	2023-24	0.75
Himachal Pradesh	2023-24	0.86
Karnataka	2023-24	0.35
Kerala	2022-23	0.00
Madhya Pradesh	2023-24	1.28
Maharashtra	2023-24	1.36
Meghalaya	2022-23	0.44
Odisha	2023-24	0.00
Punjab	2023-24	1.19 (Partial Open Access) 1.54 (Full Open Access) (Apr-23 to Sep-23)
Rajasthan	2023-24	0.89
Telangana	2023-24	0.39 (Apr-Sep'23)
Uttarakhand	2023-24	0.98 (Apr-Sep'23)
Medium Additional Surcharge Level: > Rs 1.50 to Rs. 2.00		
Daman & Diu	2022-23	1.63
Delhi	2021-22	(Oct-Apr): 1.33-1.90
		(May-Sep): 0.66-0.95
BRPL	2021-22	(Oct-Apr): 1.70
		(May-Sep): 0.85
BYPL	2021-22	(Oct-Apr): 1.33
		(May-Sep): 0.66
TPDDL	2021-22	(Oct-Apr): 1.90
		(May-Sep): 0.95
Puducherry	2023-24	1.16
High Additional Surcharge Level: > Rs. 2.00		
Bihar	2022-23	2.10
Not Available for these states		
Andaman & Nicobar	2023-24	N/A
Andhra Pradesh	2023-24	N/A
Arunachal Pradesh	2018-19	N/A
Assam	2023-24	N/A
Chhattisgarh	2023-24	N/A
J&K and Ladakh	2022-23	N/A
Jharkhand	2021-22	N/A
Lakshadweep	2023-24	N/A
Manipur	2023-24	N/A
Mizoram	2023-24	N/A
Nagaland	2023-24	N/A
Sikkim	2023-24	N/A
Tripura	2022-23	N/A
Tamil Nadu	2023-24	N/A
Uttar Pradesh	2023-24	N/A
West Bengal	2023-24	N/A

Table-5(c): Wheeling Charge

(in Rs/kWh)

Wheeling Charges							
	Applicable Period (FY)	Voltage Level					
		Below 11 kV	11 kV	33 kV	66 kV	132 kV	200 kV & Above
Andhra Pradesh	2023-24	NA	--	--	--	--	--
APEPDCL	2023-24	NA	1.21	0.53	--	0.45	0.45
APSPDCL	2023-24	NA	1.33	0.58	--	0.47	0.47
APCPDCL	2023-24	NA	1.33	0.58	--	0.47	0.47
Assam	2023-24	NA	0.36	0.36	NA	NA	NA
APDCL	2023-24	NA	0.36	0.36	NA	NA	NA
Bihar	2023-24	NA	0.52	0.48	NA	NA	NA
NBPDCL	2023-24	NA	0.52	0.48	NA	NA	NA
SBPDCL	2023-24	NA	0.52	0.48	NA	NA	NA
Chandigarh	2023-24	0.77	0.08				
Chandigarh ED	2023-24	0.77	0.08				
Chhattisgarh	2023-24	NA	0.28	0.28	NA	NA	NA
CSPDCL	2023-24	NA	0.28	0.28	NA	NA	NA
Dadra & Nagar Haveli	2022-23	1.05	0.07	NA	0.07	NA	0.04
DNHPDCL	2022-23	1.05	0.07	NA	0.07	NA	0.04
Daman & Diu	2022-23	0.91	0.09				
Daman & Diu ED	2022-23	0.91	0.09				
Delhi	2021-22	--	--	--	--	--	--
BRPL	2021-22	1.14	1.06	1.05	NA	NA	NA
BYPL	2021-22	1.35	1.24	1.22	NA	NA	NA
TPDDL	2021-22	1.08	1.02	1.00	0.99	0.99	0.99
Goa	2023-24	1.67	0.12				
Goa PD	2023-24	1.67	0.12				
Gujarat	2023-24	0.83	0.17	NA	NA	NA	NA
DGVCL	2023-24	0.83	0.17	NA	NA	NA	NA
MGVCL	2023-24	0.83	0.17	NA	NA	NA	NA
PGVCL	2023-24	0.83	0.17	NA	NA	NA	NA
UGVCL	2023-24	0.83	0.17	NA	NA	NA	NA
Haryana	2023-24	1.21	0.86			NA	NA
DHBVNL	2023-24	1.21	0.86			NA	NA
UHBVNL	2023-24	1.21	0.86				
Himachal Pradesh	2023-24	3.47	1.56	0.67	0.25	0.19	0.06
HPSEBL	2023-24	3.47	1.56	0.67	0.25	0.19	0.06
J&K and Ladakh	2022-23	N/A	N/A	N/A	N/A	N/A	N/A
JPDCL	2022-23	N/A	N/A	N/A	N/A	N/A	N/A
KPDCL	2022-23	N/A	N/A	N/A	N/A	N/A	N/A
LPDD	2022-23	N/A	N/A	N/A	N/A	N/A	N/A
Jharkhand	2021-22	1.75	1.75	1.75	NA	NA	NA
JBVNL	2021-22	1.75	1.75	1.75	NA	NA	NA
Karnataka	2023-24						
BESCOM: Injection Point→							
Drawl Point							
HT	2023-24	1.10	0.33			NA	NA
LT	2023-24	0.77	1.10			NA	NA
CESC: Injection Point→							
Drawl Point							

Wheeling Charges							
	Applicable Period (FY)	Voltage Level					
		Below 11 kV	11 kV	33 kV	66 kV	132 kV	200 kV & Above
HT	2023-24	1.40		0.42		NA	NA
LT	2023-24	0.98		1.40		NA	NA
GESCOM: Injection Point→							
Drawl Point							
HT	2023-24	1.34		0.40		NA	NA
LT	2023-24	0.94		1.34		NA	NA
HESCOM: Injection Point→							
Drawl Point							
HT	2023-24	1.40		0.42		NA	NA
LT	2023-24	0.98		1.40		NA	NA
MESCOM: Injection Point→							
Drawl Point							
HT	2023-24	1.37		0.41		NA	NA
LT	2023-24	0.96		1.37		NA	NA
Kerala	2022-23	NA		0.61		NA	NA
KSEBL	2022-23	NA		0.61		NA	NA
Madhya Pradesh	2023-24	1.04	0.64	0.16	NA	NA	NA
MPMaKVVCL	2023-24	1.04	0.64	0.16	NA	NA	NA
MPPaKVVCL	2023-24	1.04	0.64	0.16	NA	NA	NA
MPPoKVVCL	2023-24	1.04	0.64	0.16	NA	NA	NA
Maharashtra	2023-24	1.17		0.60		NA	NA
MSEDCL	2023-24	1.17		0.60		NA	NA
Manipur	2023-24			0.65			
MSPDCL	2023-24			0.65			
Meghalaya	2023-24			1.30			
MePDCL	2023-24			1.30			
Mizoram	2023-24			1.91			
Mizoram PD	2023-24			1.91			
Nagaland	2023-24	NA	1.74	1.74	NA	NA	NA
Nagaland PD	2023-24	NA	1.74	1.74	NA	NA	NA
Odisha	2023-24	--	--	--	--	--	--
TPCODL	2023-24	NA		1.00		NA	NA
TPNODL	2023-24	NA		1.41		NA	NA
TPSODL	2023-24	NA		1.38		NA	NA
TPWODL	2023-24	NA		0.96		NA	NA
Puducherry	2023-24	1.11		0.17		0.03	
Puducherry PD	2023-24	1.11		0.17		0.03	
Punjab	2023-24			0.66			
PSPCL	2023-24			0.66			
Rajasthan	2023-24	NA	0.79	0.15	NA	0.01	
AVVNL	2023-24	NA	0.79	0.15	NA	0.01	
JdVVNL	2023-24	NA	0.79	0.15	NA	0.01	
JVVNL	2023-24	NA	0.79	0.15	NA	0.01	
Sikkim	2023-24	NA	0.54	0.54	NA	NA	NA
Sikkim PD	2023-24	NA	0.54	0.54	NA	NA	NA
Tamil Nadu	2023-24	1.53		1.00			
TANGEDCO	2023-24	1.53		1.00			

Wheeling Charges							
	Applicable Period (FY)	Voltage Level					
		Below 11 kV	11 kV	33 kV	66 kV	132 kV	200 kV & Above
Telangana	2021-22	1.08					
TSNPDCL	2021-22	1.08					
TSSPDCL	2021-22	1.08					
Tripura	2022-23	NA	NA	0.57	NA	NA	NA
TSECL	2022-23	NA	NA	0.57	NA	NA	NA
Uttar Pradesh	2023-24	0.88					
DVVNL	2023-24	0.88					
KESCO	2023-24	0.88					
MVVNL	2023-24	0.88					
PaVVNL	2023-24	0.88					
PuVVNL	2023-24	0.88					
Uttarakhand	2023-24	Nil	0.64			Nil	
UPCL	2023-24	Nil	0.64			Nil	
West Bengal	2023-24	0.89					
WBSEDCL	2023-24	0.89					

Table-5(d): Transmission Charge

	Applicable Year	Long & Medium Term	Unit	Short Term	Unit
Andhra Pradesh¹	2023-24	188.38	Rs/kW/month	188.38	Rs/kW/month
APTRANSCO	2023-24	188.38	Rs/kW/month	188.38	Rs/kW/month
Arunachal Pradesh	2018-19	71,253	Rs/MW/month	0	Rs/kWh
Arunachal PD	2018-19	71,253	Rs/MW/month	0	Rs/kWh
Assam¹	2023-24	6,963.17	Rs/MW/Day	0.57	Rs/kWh
AEGCL	2023-24	6,963.17	Rs/MW/Day	0.57	Rs/kWh
Bihar	2023-24	154,678	Rs/MW/month	211.31	Rs/MWh
BSPTCL	2023-24	154,678	Rs/MW/month	211.31	Rs/MWh
BGCL	2023-24	154,678	Rs/MW/month	211.31	Rs/MWh
Chhattisgarh¹	2023-24	100.57	Rs. Cr./month	0.36	Rs/kWh
CSPTCL	2023-24	100.57	Rs. Cr./month	0.36	Rs/kWh
Dadra & Nagar Haveli	2023-24	116,160	Rs/MW/month	3,819	Rs/MW/Day
DNHPDCL	2023-24	116,160	Rs/MW/month	3,819	Rs/MW/Day
Delhi	2021-22	92.86	Rs. Cr./month	N/A	N/A
DTL	2021-22	92.86	Rs. Cr./month	N/A	N/A
Gujarat¹	2023-24	4,113.16	Rs/MW/Day	0.38	Rs/kWh
GETCO	2023-24	4,113.16	Rs/MW/Day	0.38	Rs/kWh
Haryana	2023-24	184.04	Rs. Cr./month	0.41	Rs/kWh
HVPNL	2023-24	184.04	Rs. Cr./month	0.41	Rs/kWh
Himachal Pradesh	2023-24	2.97	Rs. Cr./month	6.77	Paisa/kWh
HPPTCL	2023-24	2.97	Rs. Cr./month	6.77	Paisa/kWh
J&K and Ladakh	2022-23	11.64	Rs. Cr./month	1,090.00	Rs/MW/Day
JKPDD-T	2022-23	11.64	Rs. Cr./month	1,090.00	Rs/MW/Day
Jharkhand	2020-21	66.25	Rs. Cr./month	0.34	Rs/kWh
JUSNL	2020-21	66.25	Rs. Cr./month	0.34	Rs/kWh
Karnataka	2023-24	163,031	Rs/MW/month	1,339.98 ^{2a}	Rs. Cr./month
				669.99 ^{2b}	
				334.99 ^{2c}	
KPTCL	2023-24	163,031	Rs/MW/month	1,339.98 ^{2a}	Rs. Cr./month
				669.99 ^{2b}	
				348.15 ^{2c}	
Kerala	2022-23	0.44	Rs/kWh	9,869.00	Rs/MW/Day
KSEBL	2022-23	0.44	Rs/kWh	9,869.00	Rs/MW/Day
Madhya Pradesh	2023-24	4,686.91	Rs/MW/Day	120.63	Rs/MWh
MPPTCL	2023-24	4,686.91	Rs/MW/Day	120.63	Rs/MWh
Maharashtra¹	2023-24	256	Rs/kW/month	0	Rs/kWh
MSETCL	2023-24	256	Rs/kW/month	0	Rs/kWh
Manipur	2023-24	0.45	Rs/kWh	N/A	N/A
MSPCL	2023-24	0.45	Rs/kWh	N/A	N/A
Meghalaya	2022-23	250,990.44	Rs/MW/month	0.47	Rs/kWh
MePTCL	2022-23	250,990.44	Rs/MW/month	0.47	Rs/kWh
Odisha	2023-24	0.24	Rs/kWh	0.24	Rs/kWh
OPTCL	2023-24	0.24	Rs/kWh	0.24	Rs/kWh
Punjab¹	2023-24	99,878.94	Rs/MW/month	234.50	Rs/MWh

	Applicable Year	Long & Medium Term	Unit	Short Term	Unit
PSTCL	2023-24	99,878.94	Rs/MW/month	234.50	Rs/MWh
Rajasthan¹	2022-23	153.71	Rs/kW/month	0.31	Rs/kWh
RRVPL	2022-23	153.71	Rs/kW/month	0.31	Rs/kWh
Tamil Nadu	2023-24	5,365.63	Rs/MW/Day	223.57	Rs/MW/Hour
TANTRANSCO	2023-24	5,365.63	Rs/MW/Day	223.57	Rs/MW/Hour
Telangana	2023-24	145.14	Rs/kW/month	N/A	N/A
TSTRANSCO	2023-24	145.14	Rs/kW/month	N/A	N/A
Tripura	2022-23	1.62	Rs/kWh	N/A	N/A
TSECL	2022-23	1.62	Rs/kWh	N/A	N/A
Uttar Pradesh	2023-24	0.2641	Rs/kWh	0.2641	Rs/kWh
UPPTCL	2023-24	0.2641	Rs/kWh	0.2641	Rs/kWh
Uttarakhand	2023-24	3,741.26	Rs/MW/Day	N/A	N/A
PTCUL	2023-24	3,741.26	Rs/MW/Day	N/A	N/A
West Bengal	2022-23	174,033.17	Rs/MW/month	N/A	N/A
WBSETCL	2022-23	174,033.17	Rs/MW/month	N/A	N/A

Remarks:

1. 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.
2. (2a) >12 to 24 hours/day/block (2b) >6 to 12 hours/day/block (2c) Upto 6 hours/day/block

Table-5(e): Banking Charges

State	DISCOM	Description of Banking Charges	Banking Period	Treatment of unutilized banked energy	Banking Quantum (in MU) – As approved by Regulator		
					FY-22	FY-21	FY-20
Andaman & Nicobar Islands	ED-A&NI	5.00%	12 months (FY)	1. Limited to 20% of the total generation by RE Generating Station: Deemed purchase at Average Power Purchase Cost (APPC) or Feed-in-Tariff determined for that year without considering subsidy and Accelerated Depreciation, whichever is lower. 2. In excess of 20% of the total generation by RE Generating Station: To lapse and no compensation.	N/A	N/A	N/A
Andhra Pradesh	APEPDCL	2.00%	12 months (FY)	Equivalent to 50% of the Pooled Cost of Power Purchase, applicable for that FY, as determined by the Commission under RPPO/ REC Regulation	NA	0.00	0.00
	APSPDCL						
	APCPDCL						
Arunachal Pradesh	DoP	No Rules/ Regulations instituted in SERC			NA	N/A	N/A
Assam	APDCL	For Wind and Small Hydro: 2%	Within a period of one calendar year	NA	N/A	N/A	N/A
		For Solar Generation: NIL					
Bihar	NBPDCL	RE based generating plants: 2%	12 months (FY)	To be treated as sold to distribution licensee	0	Banking Purchase: 129.93 MU	Banking Sale: 130.18 MU
	SBPDCL	Other than RE based generating plants: 12.5%			0	Banking Purchase: 158.74 MU	Banking Sale: 152.82 MU
Chandigarh	EWEDC	5.00%	12 months (FY)	1. Limited to 20% of the total generation by RE Generating Station: Deemed purchase at Average Power Purchase Cost (APPC) or Feed-in-Tariff determined for that year without considering subsidy and Accelerated Depreciation, whichever is lower. 2. In excess of 20% of the total generation by RE Generating Station: To lapse and no compensation.	N/A	N/A	N/A

State	DISCOM	Description of Banking Charges	Banking Period	Treatment of unutilized banked energy	Banking Quantum (in MU) – As approved by Regulator		
					FY-22	FY-21	FY-20
Chhattisgarh	CSPDCL	2.00%	12 months (FY)	- To be purchased by DISCOM at lowest rooftop solar tariff discovered through competitive bidding in the last FY. - If such tariff is not available, lowest tariff through competitive bidding undertaken by SECI in last FY.	Banking Purchase: 308.67 MU Banking Sale: 718.68 MU	Banking Purchase: 590.80 MU Banking Sale: 806 MU	Banking Purchase: 845.62 MU Banking Sale: 2,217.02 MU
Dadra & Nagar Haveli	ED-DNH	5.00%	12 months (FY)	- Limited to 20% of the total generation by RE Generating Station: Deemed purchase at Average Power Purchase Cost (APPC) or Feed-in-Tariff determined for that year without considering subsidy and Accelerated Depreciation, whichever is lower. - In excess of 20% of the total generation by RE Generating Station: To lapse and no compensation.	NA	N/A	N/A
Daman & Diu	ED-D&D	5.00%	12 months (FY)	- Limited to 20% of the total generation by RE Generating Station: Deemed purchase at Average Power Purchase Cost (APPC) or Feed-in-Tariff determined for that year without considering subsidy and Accelerated Depreciation, whichever is lower. - In excess of 20% of the total generation by RE Generating Station: To lapse and no compensation.	NA	N/A	N/A
Delhi	BRPL	Banking not allowed for supply of electricity from renewable energy sources through Open Access			NA	N/A	N/A
	BYPL				NA	N/A	N/A
	TPDDL				NA	N/A	N/A
Goa	ED-Goa	5.00%	12 months (FY)	- Limited to 20% of the total generation by RE Generating Station: Deemed purchase at Average Power Purchase Cost (APPC) or Feed-in-Tariff determined for that year without considering subsidy and Accelerated Depreciation, whichever is lower. - In excess of 20% of the total generation by RE Generating Station: To lapse and no compensation.	N/A	N/A	N/A

State	DISCOM	Description of Banking Charges	Banking Period	Treatment of unutilized banked energy	Banking Quantum (in MU) – As approved by Regulator		
					FY-22	FY-21	FY-20
Gujarat	DGVCL	Applicable on solar power consumed by these consumers: 1. For Residential and Government - Not Applicable 2. For projects set up under captive use* - a) For Demand based - Rs.1.50/ unit b) For MSME Manufacturing units and other than demand based - Rs.1.10/ unit	Daily Basis	To be purchased by DISCOM at 75% of the simple average of tariff discovered and contracted by GUVNL through competitive bidding undertaken in preceding 6 months Period.	0.00	0.00	0.00
	MGVCL	3. For projects under Third Party Sale* - a) For Demand based - Rs.1.50/ unit b) For MSME Manufacturing units and other than LT demand based - Rs.1.10/ unit					
	PGVCL	4. For projects under REC Mechanism - Not Applicable Note: *Not Applicable for Govt Buildings					
	UGVCL						
Haryana	DHBVNL	Rs. 1.50/unit	12 months (FY)	To lapse and no compensation shall be claimed/ paid for such lapsed banked energy.	Banking Sale: 1,040 MU	Banking Sale: 790.76 MU	Banking Sale: 1,237.70 MU
	UHBVNL			However, for the solar energy banked during the last quarter of the FY to be carry forwarded to next FY.	Banking Sale: 683 MU	Banking Sale: 518.11 MU	Banking Sale: 841.90 MU
Himachal Pradesh	HPSEBL	No Rules/ Regulations instituted in SERC could be found			Banking Sale: 617.29 MU	Banking Sale: 1,370.10 MU	Banking Sale: 2,095.46 MU

State	DISCOM	Description of Banking Charges	Banking Period	Treatment of unutilized banked energy	Banking Quantum (in MU) – As approved by Regulator		
					FY-22	FY-21	FY-20
					Banking Purchase: 651.54 MU	Banking Purchase: 1,474.29 MU	Banking Purchase: 2,063.60 MU
Jammu & Kashmir and Ladakh	JPDCCL	5.00%	12 months (FY)	1. <i>Limited to 20% of the total generation by RE Generating Station:</i> Deemed purchase at Average Power Purchase Cost (APPC) or Feed-in-Tariff determined for that year without considering subsidy and Accelerated Depreciation, whichever is lower.	NA	N/A	N/A
	KPDCL			2. <i>In excess of 20% of the total generation by RE Generating Station:</i> To lapse and no compensation.			
	LPDD						
Jharkhand	JBVNL	2.00%	12 months (FY)	Deemed purchase by DISCOM at JSERC determined APPC	NA	N/A	N/A
Karnataka	BESCOM	During off-peak: 8.00%	Monthly	Any unutilized banked energy at the end of the month, shall not be permitted to be carried forwarded to subsequent months Only RE Generating stations would be entitled to RECs for such remaining unutilized energy at the end of the month.	NA	N/A	N/A
	CESC						
	HESCOM	During peak: 8.00% + 2.00%					
	GESCOM						
	MESCOM						
Kerala	KSEBL	Applicable for Prosumers and Captive Consumers: 5%	Monthly	-	NA	Banking Purchase: 122.28 MU Banking Sale: 330.75 MU	Banking Purchase: 352.67 MU Banking Sale: 228.83 MU
Lakshadweep	LED	5.00%	12 months (FY)	1. <i>Limited to 20% of the total generation by RE Generating Station:</i> Deemed purchase at Average Power Purchase Cost (APPC) or Feed-in-Tariff determined for that year without considering subsidy and Accelerated Depreciation, whichever is lower. 2. <i>In excess of 20% of the total generation by RE Generating Station:</i> To lapse and no compensation.	N/A	N/A	N/A
Madhya Pradesh	MPMaKVVCL	5.00%	12 months (FY)	The remaining power would be construed as power purchased and the payment for the same shall be made	N/A	N/A	N/A

State	DISCOM	Description of Banking Charges	Banking Period	Treatment of unutilized banked energy	Banking Quantum (in MU) – As approved by Regulator		
					FY-22	FY-21	FY-20
	MPPaKVVCL			by Discom/ MPPMCL as following: 1. For Solar or Wind Plant: At the rate equal to lowest tariff rate discovered in Solar/ Wind bidding in the current or previous year 2. For RE Plant (other than Solar or Wind): At APPC as determined by the MPERC in the Tariff Order			
	MPPoKVVCL						
Maharashtra	MSEDCL	2.00%	Monthly	- At the end of the month, the unutilized energy limited to 10% of actual total generation by such RE Generator in such month - To be purchased at a rate equivalent to that stipulated under yearly Generic RE Tariff Order applicable for respective technology.	N/A	N/A	N/A
Manipur	MSPDCL	No Rules/ Regulations instituted in SERC			NA	NA	NA
Meghalaya	MePDCL	No Rules/ Regulations instituted in SERC could be found			NA	NA	NA
Mizoram	PD-Mizoram	No Rules/ Regulations instituted in SERC			NA	NA	NA
Nagaland	DoP-Nagaland	No Rules/ Regulations instituted in SERC			NA	NA	NA
Orissa	All DISCOMS	No Rules/ Regulations instituted in SERC			NA	NA	NA
Puducherry	ED-Puducherry	5.00%	12 months (FY)	1. <i>Limited to 20% of the total generation by RE Generating Station:</i> Deemed purchase at Average Power Purchase Cost (APPC) or Feed-in-Tariff determined for that year without considering subsidy and Accelerated Depreciation, whichever is lower. 2. <i>In excess of 20% of the total generation by RE Generating Station:</i> To lapse and no compensation.	NA	NA	NA
Punjab	PSPCL	Yet to decide	12 months (FY)	- Permitted to carry forward from month-to-month basis till the end of FY. - The unutilized energy to lapse at the end of FY and no compensation to be paid.	NA	NA	Banking Purchase: 4,482.29 MU Banking Sale: 4,262.74 MU
Rajasthan	AVVNL	10.00%	12 months (FY)	The unutilized energy to lapse at the end of FY and no compensation to be paid.	NA	NA	NA
	JVVNL						

State	DISCOM	Description of Banking Charges	Banking Period	Treatment of unutilized banked energy	Banking Quantum (in MU) – As approved by Regulator		
					FY-22	FY-21	FY-20
	JdVVNL						
Sikkim	Power Department	No Rules/ Regulations instituted in SERC			NA	NA	NA
Tamil Nadu	TANGEDCO	For WEGs commissioned on or before 31st Mar'18: 14%	12 months (FY)	At the End of every FY paid to WEG at the 75% rate of Preferential Tariff fixed by TNERC	NA	NA	NA
		For WEGs commissioned from 1st Apr'18: No Banking Charges	1 Month	At the End of every month paid to WEG at the 75% rate of Wind Tender Tariff discovered during FY			
Telangana	TSSPDCL	2.00%	12 months (FY)	To be considered as deemed purchase by Discom(s) at the APPC as determined by TSERC for relevant year	N/A	N/A	N/A
	TSNPDCL						
Tripura	TSECL	No Rules/ Regulations instituted in SERC			NA	N/A	N/A
Uttar Pradesh	DVVNL	For Solar and Wind Power (RE based Generation and Co-gen/ Captive RE plants): 6%	Q+2 Basis	- To be treated as sale to Discom(s) - Financial settlement at Rs. 2/unit or rate approved in PPA entered with Discom(s), whichever is less. - Banking charges to be deducted for unutilized banked energy	NA	N/A	N/A
	MVVNL				NA	N/A	N/A
	PVVNL	For Captive Plants (Non-RE/Others): 12%	12 months (FY)	- To be treated as sale to Discom(s) - Financial settlement at the rate approved for sale of power by captive plant. - Banking charges to be deducted for unutilized banked energy	NA	N/A	N/A
	PuVVNL				NA	N/A	N/A
	KESCO				NA	N/A	N/A
Uttarakhand	UPCL	12.50%	12 months (FY)	- On the expiry of the FY to be treated as sold to the Discom. - Financial Settlement at the Commission determined tariff	N/A	N/A	N/A
West Bengal	WBSEDCL	-	12 months (FY)	-	NA	NA	NA

Table-6: Applicability of ToD Tariff

State	Year (FY)	TOD Applicability	Consumer Category							
			Domestic	LT Commercial	LT Industrial	LT Others	Agriculture	HT Commercial	HT and EHT Industrial	HT and EHT Others
Andhra Pradesh	2023-24	Applicability (Yes/No)	No	No	No	No	No	Yes HT Commercial	Yes HT Category III (A): Industry (General)	No
Assam	2023-24	Applicability (Yes/No)	No	No	Yes Small Industries	No	No	No	Yes 1. HT-I Industries 2. HT-II Industries	Yes 1. HT-VI Tea, Coffee & Rubber plantation/production 2. HT-VII Installation of Oil & Coal sector
Bihar	2023-24	Applicability (Yes/No)	No	No	Yes 1. LTIS-I 2. LTIS-II & PWW	No	No	Yes HT Commercial	Yes 1. HTS- I 2. HTS- II 3. HTS- III 4. HTS- IV 5. HTS (Oxygen Manufacturer) 6. HTSS	Yes Railway Traction Service
Chandigarh	2023-24	Applicability (Yes/No)	Yes HT Domestic (Optional)	No	No	No	No	Yes HT Commercial (Optional)	Yes LIS _B	Yes Bulk Supply

State	Year (FY)	TOD Applicability	Consumer Category							
			Domestic	LT Commercial	LT Industrial	LT Others	Agriculture	HT Commercial	HT and EHT Industrial	HT and EHT Others
Chhattisgarh	2023-24	Applicability (Yes/No)	No	No	No	No	No	No	Yes 1. HV-2 (Mines) 2. HV-3 (Other Industrial & General Purpose) 3. HV-4 Steel Industries	No
Daman and Diu	2022-23	Applicability (Yes/No)	Yes Domestic	Yes Commercial	Yes LT Industrial	Yes LT PWW	Yes Agriculture	Yes HT consumers	Yes 1. HT Industrial (Ferro Metallurgical/ Steel Melting/ Steel Rerolling/ PII _B (All units))	Yes 1. Public Lighting 2. Hoardings /Signboards 3. Temporary Supply
Delhi	2021-22	Applicability (Yes/No)	No	Yes ToD is applicable with a condition that sanctioned load/MDI (whichever is higher) is 10kW/11kVA & above						Yes (DIAL, Public Utilities, Others)
Goa	2023-24	Applicability (Yes/No)	Yes HT Domestic	Yes LT Commercial (Optional)	Yes LT Industrial (Optional)	No	Yes 1. HT-AG/HT-AGP (Pump Sets/Irrigation) 2. HT-AG/HT-AG (Allied Activities)	Yes HT Commercial	Yes 1. HTI Industrial 2. HT-Ferro/ SM/PI/SR	Yes HT Temporary
Gujarat	2023-24	Applicability (Yes/No)	No	No	No	Yes All PWW and sewerage pumps	No	Yes HTP-I HTP-III	Yes HTP-I	Yes HTP-I HTP-III
Haryana	2023-24	Applicability (Yes/No)	No	No	No	Yes EV Charging station	No	No	Yes HT Industry, HT NDS, Bulk Supply	Yes EV Charging station

State	Year (FY)	TOD Applicability	Consumer Category							
			Domestic	LT Commercial	LT Industrial	LT Others	Agriculture	HT Commercial	HT and EHT Industrial	HT and EHT Others
Himachal Pradesh	2023-24	Applicability (Yes/No)	No	No	Yes 1. SIP 2. MIP	No	Yes Irrigation & Drinking Water Pumping Supply (IDWPS)	No	Yes LIP _B	No
J&K and Ladakh	2022-23	Applicability (Yes/No)	No	No	No	No	No	No	Yes 1. HT Industrial supply (33kV and above) 2. HT Industrial supply for PII _B (33kV) 3. Bulk Supply (33kV and above)	Yes 1. EV Charging station (33kV) 2. Railway Traction Service (33kV)
Jharkhand	2021-22	Applicability (Yes/No)	No	No	No	No	No	Yes HT Institutional	Yes HT Services	No
Karnataka	2023-24	Applicability (Yes/No)	No	No	Yes LT-5	1. LT-6 (c)	No	Yes HT-2 (b)	Yes HT-2 (a)	Yes 1. HT 2 C (i) & (ii) 2. HT-1 3. LT-6 (c)
Kerala	2022-23	Applicability (Yes/No)	Yes HT-V LT-1 having monthly consumption > 500 units (only 3 phase)	No	Yes LT IV (except the pumphouses of Kerala Water Authority)	No	No	No	No	Yes EHT & HT (except HT-V Domestic) consumer

State	Year (FY)	TOD Applicability	Consumer Category							
			Domestic	LT Commercial	LT Industrial	LT Others	Agriculture	HT Commercial	HT and EHT Industrial	HT and EHT Others
Madhya Pradesh	2023-24	Applicability (Yes/No)	No	No	No	No	No	Yes 1. HV-3.2: Non-Industrial 2. HV-3.3: Shopping Mall	Yes 1. HV-3.1: Industrial 2. HV-3.4: PII 3. HV-4: Seasonal	Yes 1. HV-2: Coal Mines 2. HV-5: Irrigation, PWW & Other than Agricultural
Maharashtra	2023-24	Applicability (Yes/No)	No	Yes LT-II: Commercial	Yes LT-V: LT Industry	Yes 1. LT-III: PWW & STP 2. LT-VII (A): GEI & Hospitals 3. LT-VII (B): Others 4. LT-VIII: EV Charging Stations	No	Yes HT-II: Commercial	Yes HT-I (B): Industry (Seasonal)	Yes 1. HT-IV: PWW _B & STP 2. HT-VIII (A): GEI & Hospitals 3. HT-VIII (B): Others 4. HT-IX: EV Charging Stations
Meghalaya	2023-24	Applicability (Yes/No)	No	No	No	No	No	No	Yes Industrial (HT/EHT)	No
Mizoram	2023-24	Applicability (Yes/No)	No	No	No	No	No	No	Yes Industrial HT	No
Odisha	2022-23	Applicability (Yes/No)	No	No	Yes SIP / MIP / LIP	Yes Specified Public Purpose PWW & Sewerage Pumping	Yes Irrigation Pumping, Agriculture & Allied Agro-Industrial Activities (LT & HT)	No	Yes All Industries HT & EHT category	Yes 3 Phase HT & EHT Others

State	Year (FY)	TOD Applicability	Consumer Category							
			Domestic	LT Commercial	LT Industrial	LT Others	Agriculture	HT Commercial	HT and EHT Industrial	HT and EHT Others
Puducherry	2023-24	Applicability (Yes/No)	No	No	No	No	No	No	Yes HT/EHT Industrial	No
Punjab	2023-24	Applicability (Yes/No)	No	Yes Non-Residential Consumers Above 100 kVA	No	No	No	No	Yes MIP/ LIP	Yes EV Charging Stations Bulk Supply
Rajasthan	2023-24	Applicability (Yes/No)	No	No	No	Yes (EV/ LT-8)	No	No	Yes (HT-5)	Yes (EV/ HT-6)
Tamil Nadu	2023-24	Applicability (Yes/No)	No	No	No	Yes LT-II (B), LT-III (B), LT-V	No	No	Yes HT-I and HT-III	Yes HT-II (B)
Telangana	2023-24	Applicability (Yes/No)	No	No	No	No	No	Yes HT-II (B): Wholly Religious Places HT-III: Airports, Railways and Bus stations	Yes HT-I (A): Industry General, Poultry Farms	Yes HT-II (A): Others HT-IX: EV Charging Station
Tripura	2022-23	Applicability (Yes/No)	No	No	Yes Industrial	Yes PWW _B	Yes Irrigation	Yes Tea/ Coffee/ Rubber Gardens	Yes Industrial	Yes Bulk Supply having total connected load 25 KVA or above
Uttar Pradesh	2023-24	Applicability (Yes/No)	No	No	Yes LMV-6 Small & Medium Power	Yes LMV-3 Public Lamps LMV-11 EV Charging	No	No	Yes HV-2 Large & Heavy Power	No

State	Year (FY)	TOD Applicability	Consumer Category							
			Domestic	LT Commercial	LT Industrial	LT Others	Agriculture	HT Commercial	HT and EHT Industrial	HT and EHT Others
Uttarakhand	2023-24	Applicability (Yes/No)	No	Yes RTS-2: Non-Domestic	Yes RTS-5: LT Industry	No	No	No	Yes RTS-5: HT Industry	No
West Bengal	2023-24	Applicability (Yes/No)	Yes 1. Domestic Rural & Urban 2. Domestic (50kVA & above)	Yes 1. Commercial Rural & Urban, 2. Commercial (50 kVA & above) 3. Commercial Plantation and short-term supply for commercial plantations	Yes 1. Cottage Industry/Artisans /Weavers etc 2. Industry (Rural & Urban) and Cold Storage & Dairy with chilling plant 3. Poultry, Duckery, Horticulture etc	Yes 1. PWW _B and sewerage system 2. Public Utility/ Bodies 3. Private educational Institute and hospitals 4. Bulk supply to group cooperative group housing	Yes 1. Irrigation Pumping for Agriculture 2. Short-term Supply (for I&C plantation) 3. Community I&C plantation	Yes 1. Commercial consumer 50 kVA & above 2 Commercial 11kV, 33kV and 132 kV	Yes 1. Industry (Rural & Urban) 2. Industrial consumer 50 kVA & above 3. Industries 11kV & 33kV 4. Industries 132kV 5. Cold Storage & Dairy with chilling plant	Yes 1. Emergency Supply 2. Construction Power Supply 3. Common Service of Industrial estate 4. Public Utility (11kV & 33kV) 5. Bulk supply to group cooperative group housing 6. PWW _B and sewerage system (11kV & 33kV) 7. Private educational Institute and hospitals

Notes:

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

Table-7: Return on Equity

Table-7(a): RoE-Generation Utilities

	Year (FY)	Approved RoE (in Rs. Cr)	Approved rate of post-tax RoE	Rate of post-tax RoE as per tariff regulations
Andaman & Nicobar	2023-24	NA	NA	15.50%
ED Andaman & Nicobar	2023-24	NA	NA	15.50%
Andhra Pradesh	2023-24	538	15.50%	15.50%
APGENCO	2023-24	538	15.50%	15.50%
Arunachal Pradesh	2019-20	23	14.00%	17.56%
Arunachal PD	2019-20	23	14.00%	17.56%
Assam	2023-24	102.3	15.50%	15.50%
APGCL	2023-24	102.3	15.50%	15.50%
Bihar	2018-19	245	14.00%	14.00%
BSPGCL	2018-19	245	14.00%	14.00%
Chandigarh	2023-24	NA	NA	15.50%
Chandigarh ED	2023-24	NA	NA	15.50%
Chhattisgarh	2023-24	419	14.00%	14.00%
CSPGCL	2023-24	419	14.00%	14.00%
Dadra & Nagar Haveli	2022-23	NA	NA	15.50%
DNHPDCL	2022-23	NA	NA	15.50%
Daman & Diu	2022-23	NA	NA	15.50%
Daman & Diu ED	2022-23	NA	NA	15.50%
Delhi	2021-22	53	8.72%	NA
IPGCL	2021-22	15	8.43%	NA
PPCL	2021-22	38	6.33%	NA
Goa	2023-24	NA	NA	15.50%
Goa PD	2023-24	NA	NA	15.50%
Gujarat	2023-24	1,078	13.00%-14.00%	13.00%-14.00%
GSECL	2023-24	1,078	13.00%-14.00%	13.00%-14.00%
Haryana	2023-24	246.7	11.67%/ 12.67%	14.00%
HPGCL	2023-24	246.7	11.67%/ 12.67%	14.00%
Himachal Pradesh	2023-24	28.76	15.50%	15.50%
HPSEB Ltd.	2023-24	28.76	15.50%	15.50%
J&K and Ladakh	2022-23	75.03	15.50%	15.50%
JKPDCL	2022-23	75.03	15.50%	15.50%
Jharkhand	2020-21	3	15.50%	15.50%
JUUNL	2020-21	3	15.50%	15.50%
Karnataka	2018-19	31	15.50%	15.50%
KPCL	2018-19	31	15.50%	15.50%
Kerala	2022-23	116.38	14.00%	14.00%
KSEBL	2022-23	116.38	14.00%	14.00%
Lakshadweep	2023-24	NA	NA	15.50%
Lakshadweep ED	2023-24	NA	NA	15.50%
Madhya Pradesh	2023-24	816.4	15.50%	15.50%
MPPGCL	2023-24	816.4	15.50%	15.50%
Maharashtra	2023-24	1,642	14.00%	15.50%
MSPGCL	2023-24	1,642	14.00%	15.50%

	Year (FY)	Approved RoE (in Rs. Cr)	Approved rate of post-tax RoE	Rate of post-tax RoE as per tariff regulations
Meghalaya	2023-24	69.5	NA	NA
MePGCL	2023-24	69.5	NA	NA
Mizoram	2023-24	0	0.00%	15.50%
Mizoram PD	2023-24	0	0.00%	15.50%
Nagaland	2022-23	0	0.00%	15.50%
Nagaland PD	2022-23	0	0.00%	15.50%
Odisha	2023-24	164	16.00%	16.00%
OHPC	2023-24	92	15.50% & 16.00%	15.50% & 16.00%
OPGCL	2023-24	72	16.00%	16.00%
Puducherry	2023-24	10.2	15.50%	15.50%
PPCL	2023-24	10.2	15.50%	15.50%
Punjab	2023-24	386	15.50% - 16.50%	15.50% - 16.50%
PSPCL	2023-24	386	15.50% - 16.50%	15.50% - 16.50%
Rajasthan	2023-24	0	0.0%	15.00%
RRVUNL	2023-24	0	0.0%	15.00%
Sikkim	2023-24	0	0.00%	14.00%
Sikkim PD	2023-24	0	0.00%	14.00%
Tamil Nadu	2023-24	0	0.00%	14.00%
TANGEDCO	2023-24	0	0.00%	14.00%
Telangana	2023-24	1,625.4	15.50% - 16.50%	16.50%
TSGENCO	2023-24	1,625.4	15.50% - 16.50%	16.50%
Tripura	2022-23	13.5	15.50%-16.50%	15.50% - 16.50%
TPGL	2022-23	13.5	15.50%-16.50%	15.50% - 16.50%
Uttar Pradesh	2018-19	136	15.50%	15.50%
UPJVNL	2018-19	11.4	15.50%	15.50%
UPRVUNL	2018-19	124.3	15.50%	15.50%
Uttarakhand	2023-24	119.5	16.5% & 15.50%	16.5% & 15.50%
UJVNL	2023-24	119.5	16.5% & 15.50%	16.5% & 15.50%
West Bengal	2022-23	912	0.00% & 15.50%	15.50%
WBPCL	2022-23	864.5	15.50%	15.50%

Table-7(b): RoE-Transmission Utilities

	Year	Approved RoE (in Rs. Cr)	Approved rate of post-tax RoE	Rate of post-tax RoE as per tariff regulations
Andaman & Nicobar	2023-24	NA	NA	15.50%
ED Andaman & Nicobar	2023-24	NA	NA	15.50%
Andhra Pradesh	2023-24	1,577	11.23%	14.00%
APTRANSCO	2023-24	1,577	11.23%	14.00%
Arunachal Pradesh	2018-19	NA	NA	14.00%
Arunachal PD	2018-19	NA	NA	14.00%
Assam	2023-24	111.7	13.50%	15.50%
AEGCL	2023-24	111.7	13.50%	15.50%
Bihar	2023-24	306.6	10.00%	14.00 & 15.50%
BSPTCL	2023-24	306.6	10.00%	14.00 & 15.50%
Chandigarh	2023-24	NA	NA	14.00%
Chandigarh ED	2023-24	NA	NA	14.00%
Chhattisgarh	2023-24	226	14.00%	14.00%
CSPTCL	2023-24	226	14.00%	14.00%
Dadra & Nagar Haveli	2023-24	15.4	15.50%	15.50%
DNHDDPCL	2023-24	15.4	15.50%	15.50%
Daman & Diu	2023-24	2.70	15.50%	15.50%
Daman & Diu ED	2023-24	2.70	15.50%	15.50%
Delhi	2021-22	484	NA	14.00%
DTL	2021-22	484	NA	14.00%
Goa	2023-24	NA	NA	15.50%
Goa PD	2023-24	NA	NA	15.50%
Gujarat	2023-24	1,232	14.00%	14.00%
GETCO	2023-24	1,232	14.00%	14.00%
Haryana	2023-24	299.9	10.67%	14.00%
HVPNL	2023-24	299.9	10.67%	14.00%
Himachal Pradesh	2023-24	30.5	15.50%	15.50%
HPPTCL	2023-24	30.5	15.50%	15.50%
J&K and Ladakh	2022-23	NA	NA	15.50%
JKPTCL	2022-23	NA	NA	15.50%
Jharkhand	2020-21	92	15.50%	15.50%
JUSNL	2020-21	92	15.50%	15.50%
Karnataka	2023-24	1027.69	15.50%	15.50%
KPTCL	2023-24	1027.69	15.50%	15.50%
Kerala	2022-23	120	14.00%	14.00%
KSEBL	2022-23	120	14.00%	14.00%
Lakshadweep	2023-24	NA	NA	15.50%
Lakshadweep ED	2023-24	NA	NA	15.50%
Madhya Pradesh	2023-24	667.9	15.50%	15.50%
MPPTCL	2023-24	667.9	15.50%	15.50%
Maharashtra	2023-24	1,288	16.96%	14.00%
MSETCL	2023-24	1,288	16.96%	14.00%

	Year	Approved RoE (in Rs. Cr)	Approved rate of post-tax RoE	Rate of post-tax RoE as per tariff regulations
Manipur	2023-24	1.56	15.50%	15.50%
MSPCL	2023-24	1.56	15.50%	15.50%
Meghalaya	2023-24	15.7	14.00%	14.00%
MePTCL	2023-24	15.7	14.00%	14.00%
Mizoram	2023-24	NA	NA	15.50%
Mizoram PD	2023-24	NA	NA	15.50%
Nagaland	2023-24	NA	NA	15.50%
Nagaland PD	2023-24	NA	NA	15.50%
Odisha	2023-24	140.42	15.50%	15.50%
OPTCL	2023-24	140.42	15.50%	15.50%
Puducherry	2023-24	NA	NA	15.50%
Puducherry PD	2023-24	NA	NA	15.50%
Punjab	2023-24	151.3	15.50%	15.50%
PSTCL	2023-24	151.3	15.50%	15.50%
Rajasthan	2023-24	0	0.00%	14.00%
RRVPL	2023-24	0	0.00%	14.00%
Sikkim	2023-24	NA	NA	14.00%
Sikkim PD	2023-24	NA	NA	14.00%
Tamil Nadu	2023-24	608.3	14.00%	14.00%
TANTRANSO	2023-24	608.3	14.00%	14.00%
Telangana	2023-24	1,767	10.89%	NA
TSTRANSO	2023-24	1,767	10.89%	NA
Tripura	2022-23	5.12	15.50%	15.50%
TSECL	2022-23	5.12	15.50%	15.50%
Uttar Pradesh	2023-24	208	2.00%	15.50%
UPPTCL	2023-24	208	2.00%	15.50%
Uttarakhand	2023-24	53.6	15.50%	15.50%
PTCUL	2023-24	53.6	15.50%	15.50%
West Bengal	2022-23	535.7	15.50%	15.50%
WBSETCL	2022-23	535.7	15.50%	15.50%

Table-7(c): RoE-Distribution Utilities

	Year (FY)	Approved RoE (in Rs. Cr)	Approved rate of post-tax RoE	Rate of post-tax RoE as per tariff regulations
Andaman & Nicobar	2023-24	27.80	16.00%	16.00%
EDAN	2023-24	27.80	16.00%	16.00%
Andhra Pradesh	2022-23	2028.5	14.00%	16.00%
APEPDCL	2022-23	572.4	14.00%	16.00%
APSPDCL	2022-23	1433.4	14.00%	16.00%
APCPDCL	2022-23	22.72	14.00%	16.00%
Arunachal Pradesh	2018-19	NA	0.00%	16.00%
Arunachal PD	2018-19	NA	0.00%	16.00%
Assam	2023-24	162.8	14.00%	16.00%
APDCL	2023-24	162.8	14.00%	16.00%
Bihar	2023-24	791.6	14.00 & 15.50 %	14% & 15.5%
NBPDCL	2023-24	412.9	14.00 & 15.50 %	14% & 15.5%
SBPDCL	2023-24	378.7	14.00 & 15.50 %	14% & 15.5%
Chandigarh	2023-24	Wire : 22.92 Supply : 2.63	15.50%-16.00%	15.50%-16.00%
CED	2023-24	Wire : 22.92 Supply : 2.63	Wire : 15.50% Supply : 16.00%	Wire : 15.50% Supply : 16.00%
Chhattisgarh	2023-24	362	16.00%	16.00%
CSPDCL	2023-24	362	16.00%	16.00%
Dadra & Nagar Haveli	2022-23	24.6	Wire : 15.50% Supply : 16.00%	Wire : 15.50% Supply : 16.00%
DNHPDCL	2022-23	24.6	Wire : 15.50% Supply : 16.00%	Wire : 15.50% Supply : 16.00%
Daman & Diu	2022-23	12	Wire : 15.50% Supply : 16.00%	Wire : 15.50% Supply : 16.00%
DDED	2022-23	12	Wire : 15.50% Supply : 16.00%	Wire : 15.50% Supply : 16.00%
Delhi	2021-22	1,288	16.00%	14.00%
BRPL	2021-22	576.4	16.00%	14.00%
BYPL	2021-22	290.3	16.00%	14.00%
TPDDL	2021-22	421.4	16.00%	14.00%
Goa	2023-24	71.41	Wire : 15.50% Supply : 16.00%	Wire : 15.50% Supply : 16.00%
Goa PD	2023-24	71.41	Wire : 15.50% Supply : 16.00%	Wire : 15.50% Supply : 16.00%
Gujarat	2023-24	1,383.5	14.00%	14.00%
DGVCL	2023-24	214.6	14.00%	14.00%
MGVCL	2023-24	173.5	14.00%	14.00%
UGVCL	2023-24	282.9	14.00%	14.00%
PGVCL	2023-24	712.5	14.00%	14.00%
Haryana	2023-24	562.8	12.00%	14.00%
DHBVNL	2023-24	285.1	12.00%	14.00%
UHBVNL	2023-24	277.7	12.00%	14.00%
Himachal Pradesh	2023-24	68.4	16.00%	16.00%
HPSEBL	2023-24	68.4	16.00%	16.00%
J&K and Ladakh	2022-23	0	0.00%	15.50%
JPDCL	2022-23	0	0.00%	15.50%
KPDCL	2022-23	0	0.00%	15.50%
LPDD	2022-23	0	0.00%	15.50%
Jharkhand	2023-24	542	14.50%	14.50%
JBVNL	2023-24	542	14.50%	14.50%

	Year (FY)	Approved RoE (in Rs. Cr)	Approved rate of post- tax RoE	Rate of post-tax RoE as per tariff regulations
Karnataka	2023-24	159	15.50%	15.50%
BESCOM	2023-24	0	15.50%	15.50%
CESC	2023-24	0	15.50%	15.50%
GESCOM	2023-24	0	15.50%	15.50%
HESCOM	2023-24	0	15.50%	15.50%
MESCOM	2023-24	159	15.50%	15.50%
Kerala	2022-23	253.50	14.00%	14.00%
KSEBL	2022-23	253.50	14.00%	14.00%
Lakshadweep	2023-24	10.04	16.00%	16.00%
LED	2023-24	10.04	16.00%	16.00%
Madhya Pradesh	2023-24	674.1	14%	14%
MPMaKVVCL	2023-24	270.2	14%	14%
MPPaKVVCL	2023-24	172.4	14%	14%
MPPoKVVCL	2023-24	231.5	14%	14%
Maharashtra	2023-24	Wire : 1,730 Supply : 216	Wire : 14.00% Supply : 15.50%	Wire : 16.96% Supply : 18.78%
MSEDCL	2023-24	Wire : 1,730 Supply : 216	Wire : 14.00% Supply : 15.50%	Wire : 16.96% Supply : 18.78%
Manipur	2023-24	1.56	15.50%	15.50%
MSPDCL	2023-24	1.56	15.50%	15.50%
Meghalaya	2023-24	0	0.00%	
MePDCL	2023-24	0	0.00%	
Mizoram	2023-24	0	0.00%	15.50%
Mizoram PD	2023-24	0	0.00%	15.50%
Nagaland	2023-24	0	0.00%	15.50%
Nagaland PD	2023-24	0	0.00%	15.50%
Odisha	2023-24	225	16.00%	16.00%
TPCODL	2023-24	81	16.00%	16.00%
TPNODL	2023-24	47	16.00%	16.00%
TPSODL	2023-24	40	16.00%	16.00%
TPWODL	2023-24	58	16.00%	16.00%
Puducherry	2023-24	Wire : 44.02 Supply : 5.05	Wire : 15.50% Supply : 16.00%	Wire : 15.50% Supply : 16.00%
Puducherry PD	2023-24	Wire : 44.02 Supply : 5.05	Wire : 15.50% Supply : 16.00%	Wire : 15.50% Supply : 16.00%
Punjab	2023-24	Wire : 530 Supply : 59	16.00%	16.00%
PSPCL	2023-24	Wire : 530 Supply : 59	16.00%	16.00%
Rajasthan	2023-24	0	0.00%	16.00%
AVVNL	2023-24	0	0.00%	16.00%
JdVVNL	2023-24	0	0.00%	16.00%
JVVNL	2023-24	0	0.00%	16.00%
Sikkim	2023-24	0	0.00%	14.00%
Sikkim PD	2023-24	0	0.00%	14.00%
Tamil Nadu	2023-24	0	0.00%	14.00%
TANGEDCO	2023-24	0	0.00%	14.00%
Telangana	2022-23	438.2	14.00%	14.00%
TSNPDCL	2022-23	174.7	14.00%	14.00%
TSSPDCL	2022-23	263.5	14.00%	14.00%
Tripura	2022-23	19.63	15.50%	15.50%

	Year (FY)	Approved RoE (in Rs. Cr)	Approved rate of post- tax RoE	Rate of post-tax RoE as per tariff regulations
TSECL	2022-23	19.63	15.50%	15.50%
Uttar Pradesh	2023-24	2,546	15.00%	15.00%
DVVNL	2023-24	633	15.00%	15.00%
KESCO	2023-24	57	15.00%	15.00%
MVVNL	2023-24	588	15.00%	15.00%
PaVVNL	2023-24	635	15.00%	15.00%
PuVVNL	2023-24	633	15.00%	15.00%
Uttarakhand	2023-24	176.9	16.50%	16.50%
UPCL	2023-24	176.9	16.50%	16.50%
West Bengal	2023-24	394.4	16.50%	16.50%
WBSEDCL	2023-24	394.4	16.50%	16.50%

Table-8: Number of Pending Petitions

	Petitions Pending			Tariff Petitions			True-up Petitions			Dispute Related			Other cases		
Pending for (Months)→	<3	3-6	>6	<3	3-6	>6	<3	3-6	>6	<3	3-6	>6	<3	3-6	>6
Organization															
APTEL	169	128	1,912	NA	NA	NA	NA	NA	NA	NA	NA	NA	169	128	1,912
CERC	112	86	510	20	3	92	11	1	77	64	60	321	17	22	20
SERC/JERC															
Andhra Pradesh	40	18	39	17	4	12	0	0	0	23	14	27	0	0	0
Arunachal Pradesh	3	0	4	2	0	4	1	0	0	0	0	0	0	0	0
Assam	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Bihar	10	0	1	5	0	0	5	0	1	0	0	0	0	0	0
Chhattisgarh	23	16	11	5	2	1	0	0	0	1	13	2	17	1	8
Delhi	12	29	64	1	6	0	1	6	0	0	1	13	10	16	51
Goa	3	3	0	3	1	0	0	0	0	0	0	0	0	2	0
Gujarat	19	9	172	0	0	0	0	0	0	5	1	43	14	8	129
Haryana	7	7	14	0	0	3	0	0	0	6	6	11	1	1	0
Himachal Pradesh	13	16	17	7	7	5	0	0	1	0	1	2	6	8	9
J&K and Ladakh	13	0	0	6	0	0	6	0	0	0	0	0	1	0	0
Jharkhand	11	14	26	0	4	2	5	9	4	5	1	11	1	0	9
Karnataka	12	23	94	0	0	0	0	0	0	0	0	0	12	23	94
Kerala	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Madhya Pradesh	31	1	3	3	0	0	1	1	0	18	0	2	9	0	1
Maharashtra	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Manipur & Mizoram	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Meghalaya	7	5	5	3	0	0	4	2	0	0	3	5	0	0	0
Nagaland	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0

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

Table-9: Alignment of Electricity (Rights of Consumers) Rules 2020

State	Release of Connection	Testing of Meters	Replacement of Meters	Issuance of no dues Certificates to applicants	Provision for payment of claims on deviation from SoPs	Assessing feasibility of rooftop solar installation	Connection of rooftop solar after installation	Regulations for ensuring predetermined demand charges for up to 150kW	Establishment / Presence of multi-tier Grievance Redressal Mechanism	
	Within 7 days in metro cities, 15 days in municipal areas & 30 days in rural areas	Within 30 days of receipt of the complaint from the consumer	Within 24 hrs. in urban areas & 72 hrs. in rural areas	Within 7 days from the Receipt of final Payment	Yes/No	Within 20 days from day of receiving request	Within 30 days from date of submission of Installation Certificate	Yes/No	Yes/No	FRGR-E-2 Number of CGRFs across circles status
Alignment of Regulations/Standard of Performance (SOP)/Supply Code with above timelines										
Andaman & Nicobar	Urban area (mainland) - 16 days Rural area (mainland) - 24 days Urban & Rural area (Island) - 30 days		15 days			30 days				3
Andhra Pradesh			7 Days							APEPDCL: 7 APSPDCL: 8 APCPDCL: 3
Arunachal Pradesh	Cities: 30 Days Urban: 40 days Rural: 50 days	Cities: 4 Days Urban: 10 days Rural: 15 days Remote: 25 days								8
Assam										15
Bihar	Within 1 month		7 - 14 Days							NBPDCL: 2 SBPDCL: 3
Chandigarh			15 days			30 days				1
Chhattisgarh			If faulty – within subsequent billing cycle If burnt – within 7 days							3
Dadra & Nagar Haveli			15 days			30 days				1

State	Release of Connection	Testing of Meters	Replacement of Meters	Issuance of no dues Certificates to applicants	Provision for payment of claims on deviation from SoPs	Assessing feasibility of rooftop solar installation	Connection of rooftop solar after installation	Regulations for ensuring predetermined demand charges for up to 150kW	Establishment / Presence of multi-tier Grievance Redressal Mechanism	
Daman & Diu			 15 days			 30 days				1
Delhi				 15 days						BRPL: 1 BYPL: 1 TPDDL: 1
Goa	 Urban area (mainland) - 16 days Rural area (mainland) - 24 days Urban & Rural area (Island) - 30 days		 15 days			 30 days				1
Gujarat			 Rural & Urban : 7 Days							DGVCL: 3 MGVCL: 5 UGVCL: 4 PGVCL: 3
Haryana										DHBVNL: 1 UHBVNL: 1
Himachal Pradesh			 Urban: 56 hrs. Rural: 120 hrs.			 30 Days	 90-180 days			1
J&K and Ladakh			 15 days			 30 days				JPDCL: 0 KPDCL: 3 LPDD: 4
Jharkhand			 15 days	 30 Days						5
Karnataka										BESCOM: 6 CESC: - GESCOM: 1 HESCOM: 7 MESCOM: 4
Kerala	 30 days		 Within 7 days							3
Lakshadweep	 Urban area (mainland) - 16 days		 15 days			 30 days				-

State	Release of Connection	Testing of Meters	Replacement of Meters	Issuance of no dues Certificates to applicants	Provision for payment of claims on deviation from SoPs	Assessing feasibility of rooftop solar installation	Connection of rooftop solar after installation	Regulations for ensuring predetermined demand charges for up to 150kW	Establishment / Presence of multi-tier Grievance Redressal Mechanism	
	Rural area (mainland) - 24 days Urban & Rural area (Island) - 30 days									
Madhya Pradesh	●	●	●	●	●	●	●	●	●	MPMaKVCL: 1 MPPaKVCL: 2 MPPoKVCL: 4
Maharashtra	●	●	● Within subsequent billing cycle	● 30 days	●	●	●	●	●	MSEDCL: 16
Manipur	● 30 days	●	● Class I cities - 3 days Urban areas - 5 days Rural areas - 15 days Remote areas- 30 days	● Class I cities & Urban areas - 30 days Rural & Remote - 45 days	●	●	●	●	●	1
Meghalaya	●	●	● Within 3 days	●	●	●	●	●	●	1
Mizoram	● 30 days	●	● Class I cities - 3 days Urban areas - 5 days Rural areas - 15 days Remote areas- 30 days	● Class I cities & Urban areas - 30 days Rural & Remote - 45 days	●	●	●	●	●	1
Nagaland	●	●	● At least 7 days	●	●	●	●	●	●	0
Odisha	●	●	● 30 days	● Within 1 month	●	●	●	●	●	TPCODL: 4 TPNODL: 2 TPSODL: 2 TPWODL: 3
Puducherry	● Urban area (mainland) - 16 days Rural area (mainland) - 24 days Urban & Rural area (Island) - 30 days	●	● 15 days	●	●	● 30 days	●	●	●	1

State	Release of Connection	Testing of Meters	Replacement of Meters	Issuance of no dues Certificates to applicants	Provision for payment of claims on deviation from SoPs	Assessing feasibility of rooftop solar installation	Connection of rooftop solar after installation	Regulations for ensuring predetermined demand charges for up to 150kW	Establishment / Presence of multi-tier Grievance Redressal Mechanism	
Punjab	●	●	●	●	●	●	●	●	●	16
Rajasthan	●	●	●	●	●	●	●	●	●	●
Sikkim	●	●	● 7 days	●	●	●	●	●	●	1
Tamil Nadu	● Within 1 month	●	● Within 30 days	●	●	●	●	●	●	38
Telangana	● Within 30 days	●	● Within 7 days	●	●	● Within 21 days	●	●	●	TSNPDCL: 16 TSSPDCL: 12
Tripura	● Within 30 Days	●	● Class-I cities: 4 days Urban areas: 7 days Rural areas: 12 days	●	●	●	●	●	●	8
Uttar Pradesh	●	●	● Within 15 days	● 30 Days	●	●	●	●	●	DVVNL: 5 KESCO: 2 MVVNL: 3 PaVVNL: 3 PuVVNL: 5
Uttarakhand	● Within 15 days	●	● Within 15 days	●	●	●	●	●	●	9
West Bengal	●	●	●	●	●	●	●	●	●	WBSEDCL: 17

●	Aligned to Electricity Rules	●	Not aligned to electricity rules	●	Regulation available at ERC; Data not specified
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Note: Data in this section is collected from individual SoPs, Supply Codes and Roof top solar regulations published by individual ERCs

Analysis/ observations on compliance

- MPERC aligns with the timelines as highlighted under the Rules for all the above parameters.
- For Release of Connection SERCs of **15 States/ UTs** namely Andaman & Nicobar, Arunachal Pradesh, Bihar, Goa, Kerala, Lakshadweep, Manipur, Meghalaya, Mizoram, Puducherry, Tamil Nadu, Telangana, Tripura, Uttarakhand and West Bengal do not comply with the timeline as specified in Electricity (Right of Consumer) Rules 2020.
- For Testing of Meters, APERC and JERC-Manipur & Mizoram have not specified timeline in their relevant regulation/ supply code etc as specified in the Rules.
- For Replacement of Meters SERCs of **29 States/ UTs** namely Andaman & Nicobar, Andhra Pradesh, Arunachal Pradesh, Bihar, Chandigarh, Chhattisgarh, Dadra & Nagar Haveli, Daman & Diu, Goa, Gujarat, Himachal Pradesh, J&K and Ladakh, Jharkhand, Kerala, Lakshadweep, Maharashtra, Manipur, Meghalaya, Mizoram, Nagaland, Odisha, Puducherry, Sikkim, Tamil Nadu, Telangana, Tripura, Uttar Pradesh and Uttarakhand do not comply with the timeline as specified in the Rules.
- For Provision for payment of claims on deviation from SoPs is compiled by **27 States** namely Andhra Pradesh, Himachal Pradesh, Arunachal Pradesh, Assam, Bihar, Chhattisgarh, Delhi, Gujarat, Haryana, Jharkhand, Karnataka, Kerala, Madhya Pradesh, Maharashtra, Manipur, Meghalaya, Mizoram, Nagaland, Odisha, Punjab, Rajasthan, Sikkim, Tamil Nadu, Telangana, Uttar Pradesh, Uttarakhand, West Bengal.
- HERC aligns with all the timelines as highlighted under the Rules except for ensuring predetermined demand charges for up to 150 kW.
- For Assessing feasibility of rooftop solar installation complied by 15 States namely Gujarat, Haryana, Jharkhand, Karnataka, Kerala, Madhya Pradesh, Maharashtra, Odisha, Punjab, Rajasthan, Sikkim, Tamil Nadu, Tripura, Uttar Pradesh, West Bengal
- All States have Presence of multi-tier Grievance Redressal Mechanism except Nagaland.

Table-10: Availability of Technical Minimum Regulation

State	Applicability	Relevant regulation / document
Andhra Pradesh	Yes	Tariff Order for Retail Sale during FY 2020-21 dated 10 th Feb'20
Arunachal Pradesh	Not Applicable	--
Assam	Not Applicable	--
Bihar	Not Applicable	Tariff order for FY20-21 for NBPDCCL & SBPDCL dated 20 th Mar'20
Chandigarh	Not Applicable	--
Chhattisgarh	Yes	As per telephonic conversation with the utility technical minimum regulation for CEA is followed in the state. On an average technical minimum threshold is 55%
Dadra & Nagar Haveli	Not Applicable	--
Daman & Diu	Not Applicable	--
Delhi	Not Applicable	--
Goa	Not Applicable	--
Gujarat	Yes	Tariff order by Gujarat Electricity Regulatory Commission for FY2022-23 dated 30 th March 2022
Haryana	Yes	Tariff order by Haryana Electricity Regulatory Commission for FY2021-22 dated 18 th Feb 2021
Himachal Pradesh	Not Applicable	--
J&K and Ladakh	Not Applicable	--
Jharkhand	Yes	Tariff order for FY20-21 for Jharkhand Bijli Vitran Nigam Limited (JBVNL) dated 01 Oct 2020
Karnataka	Yes	Twenty first annual report (19-20) of Karnataka Electricity Regulatory Commission
Kerala	Not Applicable	--
Madhya Pradesh	Yes	MP grid code 2019 issued vide order dated 12.06.2019
Maharashtra	Yes	MERC vide order dated 1 st Mar'20 in the matter related to a reduction in the Technical Minimum of Generating Units in Maharashtra as per Central Electricity Regulatory Commission norms have provided the norms related to a technical minimum for coal-based stations.
Manipur & Mizoram	Not Applicable	--
Meghalaya	Not Applicable	--
Nagaland	Not Applicable	--
Odisha	Yes	As per telephonic conversation with the utility technical minimum threshold is 55% in the state
Puducherry	Not Applicable	--
Punjab	Yes	Review Petition under Section 94 of the Electricity Act, 2003 against tariff order dated 27.05.2019 for 2019- 20 (in petition no. 02 of 2019).
Rajasthan	Yes	As per telephonic conversation with the utility technical minimum threshold is 55% in the state
Sikkim	Not Applicable	--
Tamil Nadu	Yes	As per telephonic conversation with the utility technical minimum threshold is 70% for 600MW and 80% for 210 MW in the state. Further the State Commission has not issued regulations for technical minimum operations
Telangana	Yes	As per telephonic conversation with the utility technical minimum threshold for various plants in the state is in the range of 59%- 68%
Tripura	Not Applicable	--
Uttar Pradesh	Yes	Petition No. 1217/2017 with UPERC for specifying technical minimum schedule of all generating stations
Uttarakhand	Not Applicable	--
West Bengal	Yes	As per telephonic conversation with the utility technical minimum threshold for various plants in the state is in the range of 66% - 78%

Note: 'Not applicable' against a particular state in the above table implies there are no state-owned coal based thermal plant in the state

Table-11: Merit Order Adherence

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

Table-12: Automatic Adjustment of Fuel and Power Purchase Costs

The Electricity (Amendment) Rules 2022 has stipulated rules regarding timely recovery of power purchase cost for automatic passthrough of fuel and power purchase cost on monthly basis as per the methodology and formula specified under the rules. The relevant Rule 14 of the Electricity (Amendment) Rules 2022 is given below:

“Timely recovery of power purchase costs by distribution licensee- The Appropriate Commission shall within ninety days of publication of these rules, **specify a price adjustment formula for recovery of the costs, arising on account of the variation in the price of fuel, or power purchase costs and the impact in the cost due to such variation shall be automatically passed through in the consumer tariff, on a monthly basis, using this formula and such monthly automatic adjustment shall be tried up on annual basis by the Appropriate Commission....”**

Based on above, the compliance status has been identified as per their recent tariff order/ regulation/ any other relevant order by the respective SERC/ JERC and same is captured below:

Sr. No.	State/ UT	Regulation issued by the SERC in line with Rule 14	Automatic Adjustment allowed	Adjustment Frequency	Computation formula as per Rule 14
		(Yes/ No)	(Yes/ No)	(Monthly/ Quarterly)	(Yes/ No)
1	Andaman Nicobar	No	Yes [#]	Quarterly [#]	No [#]
2	Andhra Pradesh	Yes	Yes [#]	Monthly [#]	No [#]
3	Arunachal Pradesh	No	Yes [#]	Quarterly [#]	No [#]
4	Assam	Yes	Yes [#]	Monthly	Yes [#]
5	Bihar	Yes	Yes [#]	Monthly	Yes [#]
6	Chandigarh	No	Yes [#]	Quarterly [#]	No [#]
7	Chhattisgarh	Yes	Yes	Monthly	Yes
8	Dadra & Nagar Haveli	No	Yes [#]	Quarterly [#]	No [#]
9	Daman and Diu	No	Yes [#]	Quarterly [#]	No [#]
10	Delhi	Yes	Yes	Quarterly	No [#]
11	Goa	No	Yes [#]	Quarterly [#]	No [#]
12	Gujarat	No	No	Quarterly	No [#]
13	Haryana	Yes	Yes	Monthly	Yes
14	Himachal Pradesh	No	Yes [#]	Quarterly [#]	No [#]
15	Jammu & Kashmir	No	Yes [#]	Quarterly [#]	No [#]
16	Ladakh	No	Yes [#]	Quarterly [#]	No [#]
17	Jharkhand	No	Yes [#]	Quarterly	No [#]
18	Karnataka	Yes	Yes [#]	Monthly	No [#]
19	Kerala	Yes	Yes	Monthly	No [#]
20	Lakshadweep	No	Yes [#]	Quarterly [#]	No [#]
21	Madhya Pradesh	Yes	Yes	Monthly	No [#]
22	Maharashtra	No	Yes [#]	Quarterly	No [#]
23	Manipur	No	Yes [#]	Monthly [#]	No [#]
24	Meghalaya	No	No [#]	Quarterly [#]	No [#]
25	Mizoram	No	Yes [#]	Monthly [#]	No [#]
26	Nagaland	No	Yes [#]	Quarterly [#]	No [#]
27	Odisha	Yes	Yes	Monthly	No [#]
28	Puducherry	No	Yes [#]	Quarterly [#]	No [#]
29	Punjab	Yes	Yes	Monthly	Yes
30	Rajasthan	No	Yes [#]	Quarterly	No [#]
31	Sikkim	No	Yes [#]	Quarterly [#]	Yes [#]
32	Tamil Nadu	No	No [#]	Quarterly [#]	No [#]
33	Telangana	No	Yes [#]	Monthly [#]	No [#]

Sr. No.	State/ UT	Regulation issued by the SERC in line with Rule 14	Automatic Adjustment allowed	Adjustment Frequency	Computation formula as per Rule 14
		(Yes/ No)	(Yes/ No)	(Monthly/ Quarterly)	(Yes/ No)
34	Tripura	Yes	Yes	Quarterly	No [#]
35	Uttar Pradesh	No	No	Quarterly	No [#]
36	Uttarakhand	No	No	Quarterly	No [#]
37	West Bengal	No	No	Annually	No [#]

Note: [#]indicates status as per the existing regulatory provisions of the respective State | For Nagaland, Rajasthan, Sikkim and Tripura automatic adjustment is allowed upto 10% of the variable cost

Analysis/ observations on compliance

- SERCs of **12** States/UTs have issued regulations in line with Rule 14 of the Electricity (Amendment) Rules, 2022. Out of these states, regulations issued for **2** States/ UTs (i.e., Assam and Bihar) are in the draft stage.
- SERCs of **20** States/UTs are yet to issue regulations in line with Rule 14 of the Electricity (Amendment) Rules, 2022.
- SERCs of **30** States/ UTs have allowed automatic adjustment of FPPCA charges.
- SERCs of **6** States/ UTs (Gujarat, Meghalaya, Tamil Nadu, Uttar Pradesh, Uttarakhand and West Bengal) do not allow automatic adjustment of fuel and power purchase cost.
- WBERC allows adjustment of FPPCA charges on annual basis while remaining SERCs allow either on monthly/ quarterly basis.
- For Nagaland, Rajasthan, Sikkim and Tripura automatic adjustment is allowed upto 10% of the variable cost.
- The computation formula of **6** states is as per the formula in Rule 14 of the Electricity (Amendment) Rules, 2022. These states are Assam, Bihar, Chhattisgarh, Haryana, Punjab and Sikkim.

Table-13: Green Tariff

The Electricity (Promoting Renewable Energy through Green Energy Open Access) Rules 2022 envisage the determination of tariff for the green energy by the State Commission. The Rule 4 (2) of the Electricity (GEOA) Rules 2022 is given below:

“(c) The tariff for the green energy shall be determined separately by the Appropriate Commission, which shall comprise of the average pooled power purchase cost of the renewable energy, cross-subsidy charges if any, and service charges covering the prudent cost of the distribution licensee for providing the green energy;....”

Based on above, the compliance status is identified as per their recent tariff order relevant order by the respective SERC/ JERC and same is captured below:

Sr. No.	State/ UT	Applicable Green Tariff over and above the normal tariff	Proposed Green Tariff	Remarks
1	Andhra Pradesh	Rs 0.28/ kWh	--	Applicable to all electricity categories
2	Gujarat	Rs 1.50/ kWh	--	Applicable to willing consumer categories
3	Haryana	Solar- Rs 2.30/ kWh Non-Solar- Rs 1.00/ kWh	--	Applicable to willing consumer categories
4	Himachal Pradesh	Rs 0.28/ kWh	--	Applicable to willing consumer categories
5	Karnataka	Rs 0.50/ kWh	--	Applicable to all willing HT consumers
6	Kerala	--	Rs 2.54/ kWh	KSEB has proposed the green tariff for the period FY 2023-24 to FY 2026-27 dt. 2 nd May 2023
7	Madhya Pradesh	Wind- Rs 0.25/ kWh Hydro- Rs 3.10/ kWh Other- Rs 0.96/ kWh	--	Applicable to willing LV and HV consumer categories (except for LV Domestic category)
8	Maharashtra	For EHV/ HV/ LV- Rs 0.66/ kWh For Obligated Entity- Rs 1.16/ kWh	--	Applicable to willing LV, HV and EHV consumer categories (including OA consumers for balance power supply by distribution licensee)
9	Odisha	Rs 0.25/ kWh	--	The state has introduced Green Consumer Certification by drawing 100% green power the DISCOMs for which Green Tariff is charged as a premium.
10	Punjab	Solar (without storage)- Rs 0.37/ kWh Non-Solar- Rs 0.64/ kWh Composite (Solar/ Non-Solar)- Rs 0.47/ kWh	--	Applicable to willing consumer categories
11	Tamil Nadu	10% extra on respective tariff	--	Applicable to willing HT consumers
12	Telangana	Rs 0.66/ kWh	--	Applicable to willing LT and HT consumer categories
13	Uttar Pradesh	Rs 0.54/ kWh	--	Applicable to all willing consumers except domestic and agriculture consumers
14	Uttarakhand	Rs 0.26/ kWh	--	Applicable for HT Industry category consumers availing 100% RE power

Sr. No.	State/ UT	Applicable Green Tariff over and above the normal tariff	Proposed Green Tariff	Remarks
15	West Bengal	Rs 0.50/ kWh	--	Applicable to all willing consumers except domestic and agriculture consumers

Analysis/ observations on compliance

- SERCs of **14** States/ UTs have issued green tariff for FY 2023-24 as per Rule 4 of the Electricity (Promoting Renewable Energy Through Green Energy Open Access) Rules, 2022.
- For Kerala, KSEB has proposed the green tariff in its tariff petition dt. 2nd May 2023.
- SERCs of **22** States/ UTs namely Andaman & Nicobar Island, Arunachal Pradesh, Assam, Bihar, Chandigarh, Chhattisgarh, DNH and D&D, Delhi, Goa, J&K and Ladakh, Jharkhand, Lakshadweep, Manipur, Meghalaya, Mizoram, Nagaland, Puducherry, Rajasthan, Sikkim and Tripura are yet to issue green tariff for FY 2023-24.

Table-14: Banking provisions for Green Hydrogen under the Electricity (Promoting Renewable Energy Through Green Energy Open Access) Rules, 2022

The Electricity (Promoting Renewable Energy through Green Energy Open Access) Rules 2022 directs the adoption of Green Energy Open Access regulation consistent with the Rule 8 of the Electricity (GEOA) Rules 2022, the same is given below:

“8 Banking (1) Banking shall be permitted at least on a monthly basis on payment of charges to compensate additional costs, if any, to the distribution licensee by the Banking and the Appropriate Commission shall fix the applicable charges.

(2) The permitted quantum of banked energy by the Green Energy Open Access consumers shall be at least thirty percent of the total monthly consumption of electricity from the distribution licensee by the consumers.”

Explanation: For the purposes of this rule, the expression “Banking” means the surplus green energy injected in the grid and credited with the distribution licensee energy by the Green Energy Open Access consumers and that shall be drawn along with charges to compensate additional costs if any:

Provided that the credit for banked energy shall not be permitted to be carried forward to subsequent months and the credit of energy banked during the month shall be adjusted during the same month.

The compliance status of SERCs/ JERCs regarding banking provisions specifically for Green Hydrogen for the respective state under the Electricity (GEOA) Rules, 2022 is given below:

Sr. No.	State	Allowed Banking Period	Permitted quantum of Banked Energy	Credit Adjustment Provisioned
		(Monthly/ Quarterly)		(Yes/ No)
Policy/ Regulatory Framework for Green Hydrogen issued by States/ SERCs under the Electricity (GEOA) Rules, 2022				
1	Gujarat	Monthly	30% of the total monthly consumption of electricity	Yes
2	Haryana	Allowed throughout the billing cycle	30% of the total monthly consumption of electricity	Yes
3	Karnataka	Monthly	-	Yes
4	Madhya Pradesh	Monthly	At least 30% of the total monthly consumption of electricity	-
5	Odisha	Monthly	30% of the total monthly generation or consumption of electricity	Yes
6	Punjab	Yearly	30% of the total monthly consumption of electricity	Yes
7	Rajasthan	Monthly	2/3 rd of the Energy injected for 15-min time block basis at consumption end	No
8	Sikkim	Monthly	30% of the total monthly consumption of electricity	Yes
9	Tripura	Monthly	-	Yes
10	Uttarakhand	Permitted for the Billing Cycle	30% of the total monthly consumption of electricity	Yes

Analysis/ observations on compliance

- Andhra Pradesh has issued Green Hydrogen and Green Ammonia Policy, 2023.
- **2 States** namely Rajasthan and Uttar Pradesh have issued a draft of their respective Green Hydrogen State Policy.
- SERCs of **7 States** namely; Haryana, Karnataka, Madhya Pradesh, Odisha, Punjab, Sikkim and Tripura have issued a GEOA regulation or made amendments to the existing open access regulations
- SERCs of **3 States** namely; Gujarat, Odisha and Uttarakhand have issued a draft GEOA regulation or made amendments to the existing open access regulations.
- SERCs of **25 States** namely; Andaman Nicobar, Arunachal Pradesh, Assam, Bihar, Chandigarh, Chhattisgarh, Dadra & Nagar Haveli and Daman & Diu, Delhi, Goa, Himachal Pradesh, Jammu & Kashmir and Ladakh, Jharkhand, Kerala, Lakshadweep, Maharashtra, Manipur, Meghalaya, Mizoram, Nagaland, Puducherry, Tamil Nadu, Telangana and West Bengal have not issued relevant policy/ regulatory framework.

Table-15: Green Energy Open Access (GEOA) Regulation implementation as per Rule 5 of the Electricity (Promoting Renewable Energy Through Green Energy Open Access) Rules, 2022

The Electricity (Promoting Renewable Energy through Green Energy Open Access) Rules 2022 directs the adoption of Green Energy Open Access regulation consistent with the Rule 5 of the Electricity (GEOA) Rules 2022, the same is given below:

“(5) Green Energy Open Access, (1) To provide Green Energy Open Access to consumers of green energy, the appropriate Commission may, if necessary, amend the relevant regulations made by it and such regulations shall be consistent with these rules....”

Based on above, the compliance status is identified for the respective SERC/ JERC and same is captured below:

Sr. No.	State	Implementation of GEOA Rules by SERC	Status of Compliance	Remarks
		(Yes/ No)		
1	Gujarat	Yes	✓	Issued draft regulations dt. 26 th Jun’23
2	Haryana	Yes	✓	Implemented regulations as per rules vide regulation dt. 24 th Apr’23
3	Karnataka	Yes	✓	Implemented regulations as per rules vide regulation dt. 12 th Jan’23 and KERC’s clarifications issued vide dt. 8 th Jun’23
4	Madhya Pradesh	Yes	✓	Implemented regulations as per rules vide regulation dt. 9 th Mar’23
5	Odisha	Yes	✓	Issued draft regulations in Aug’23
6	Punjab	Yes	✓	Implemented regulations as per rules vide 10 th amendment to Terms & Conditions for intra-State Open Access) Regulations dt. 2 nd Jun’23
7	Sikkim	Yes	✗	Issued regulations dt. 11 th May’23
8	Tripura	Yes	✓	Implemented regulations as per rules vide regulation dt. 15 th Mar’23
9	Uttarakhand	Yes	✓	Issued draft regulations dt. 18 th Jul’23

Analysis/ observations on compliance

- SERCs of **5** States have issued regulations in compliance with the Green Energy Open Access Rules 2022. These include Haryana, Karnataka, Madhya Pradesh, Punjab and Tripura.
- SERCs of Gujarat, Odisha Sikkim and Uttarakhand have issued the draft regulations in compliance with the GEOA Rules 2022.
- SERCs of **28** States/ UTs namely Andaman & Nicobar Island, Andhra Pradesh, Arunachal Pradesh, Assam, Bihar, Chandigarh, Chhattisgarh, DNH and D&D, Delhi, Goa, Himachal Pradesh, J&K and Ladakh, Jharkhand, Kerala, Lakshadweep, Maharashtra, Manipur, Meghalaya, Mizoram, Nagaland, Puducherry, Rajasthan, Sikkim, Tamil Nadu, Telangana, Uttar Pradesh and West Bengal are yet to implement changes as per GEOA Rules 2022.

List of Parameters for States Overview

The report includes information on key regulatory parameters 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	P	Date of Issuance of Tariff Order	Date	P1	Tariff order issuance date by respective ERCs for DISCOMs and state owned TRANSCOs and GENCOs.
Distribution Losses	Q	Distribution Losses	%	Q1	(Net Input Energy at the DISCOM periphery-Net Energy Sold) / Net Input Energy at the DISCOM Periphery
Average Billing Rate (ABR)	R	Total Revenue	Rs. Crore	R1	Revenue from domestic, commercial, industrial, agricultural, and other intra-state consumers at approved tariff along with the govt. subsidy
		Total Energy Sold	MU	R2	Energy sold to domestic, commercial, industrial, agricultural, and other intra-state consumers
		ABR	Rs./kWh	R3	((Total Revenue*10)/Total Energy sold)
Average Cost of Supply ⁴	S	Total Cost (ARR)	Rs. Crore	S1	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	S2	Energy sold to intra-state consumers and inter-state consumers (wherever applicable)
		ACoS	Rs./kWh	S3	((Total Cost*10)/Total Energy sold)



STATES PROFILE





1. Tariff Order Issuance Timelines

1.1. Tariff Order (Generation)[#] - Electricity Department (A&N)

Key Dates	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24
Filing of Tariff Petition	NA	NA	NA	NA	NA
Tariff Issuance	NA	NA	NA	NA	NA
Tariff Applicability	NA	NA	NA	NA	NA
Disposal (in Days)	NA	NA	NA	NA	NA

Note: State exempted from issuance of tariff order. However, ED-A&N is directed to file a separate tariff petition for fully owned RE generation.



1.2. Tariff Order (Transmission)[#] - Electricity Department (A&N)

Key Dates	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24
Filing of Tariff Petition	NA	NA	NA	NA	NA
Tariff Issuance	NA	NA	NA	NA	NA
Tariff Applicability	NA	NA	NA	NA	NA
Disposal (in Days)	NA	NA	NA	NA	NA

Note: State exempted from issuance of tariff order



1.3. (a) Tariff Order (Distribution) - Electricity Department (A&N)

Key dates	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24
Filing of Tariff Petition	09-Dec-18	05-Dec-19	21-Apr-21	26-Mar-22	20-Jan-23
Tariff Issuance	20-May-19	18-May-20	31-May-21	01-Aug-22	28-Mar-23
Tariff Applicability	01-Jun-19	01-Jun-20	01-Jun-21	01-Aug-22	01-Apr-23
Disposal (in Days)	162	165	40	128	67

1.3. (b) True up Order (Distribution) - Electricity Department (A&N)

Key Dates	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
Filing of Tariff Petition	15-Dec-21	15-Dec-21	15-Dec-21	-
True up Issuance	10-May-22	10-May-22	10-May-22	-
Disposal (in Days)	146	146	146	-

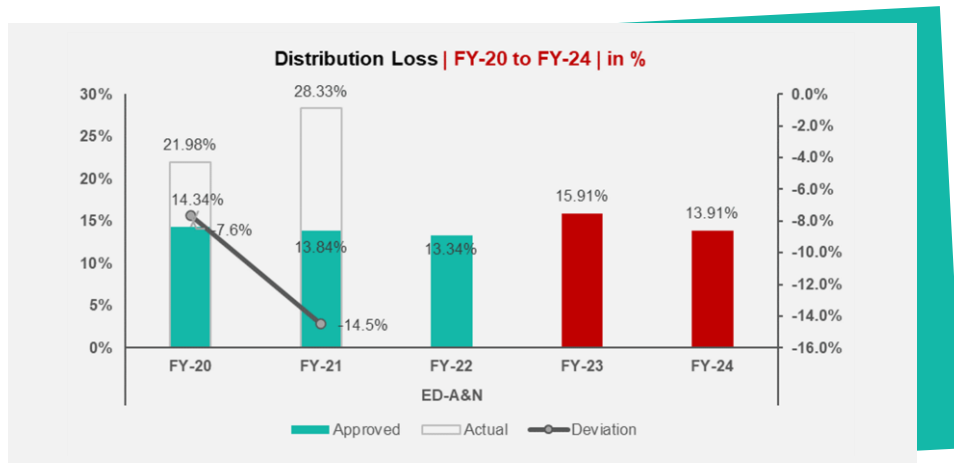
2. Distribution Loss

The Approved and Actual distribution loss for FY 2019-20 to FY 2021-22 and approved distribution loss for FY 2022-23 and FY 2023-24 are as below:

(in %)

Description	FY 2019-20		FY 2020-21		FY 2021-22		FY 2022-23	FY 2023-24
	Approved	Actual	Approved	Actual	Approved	Actual	Approved	Approved
ED-A&N	14.34	21.98	13.84	28.33	13.34	-	15.91	13.91
UT level	14.34	21.98	13.84	28.33	13.34	-	15.91	13.91

Note: Approved values as per Tariff Order & Actuals as per DISCOM filed in the True up Order | includes transmission loss



3. Cost Reflective Tariff

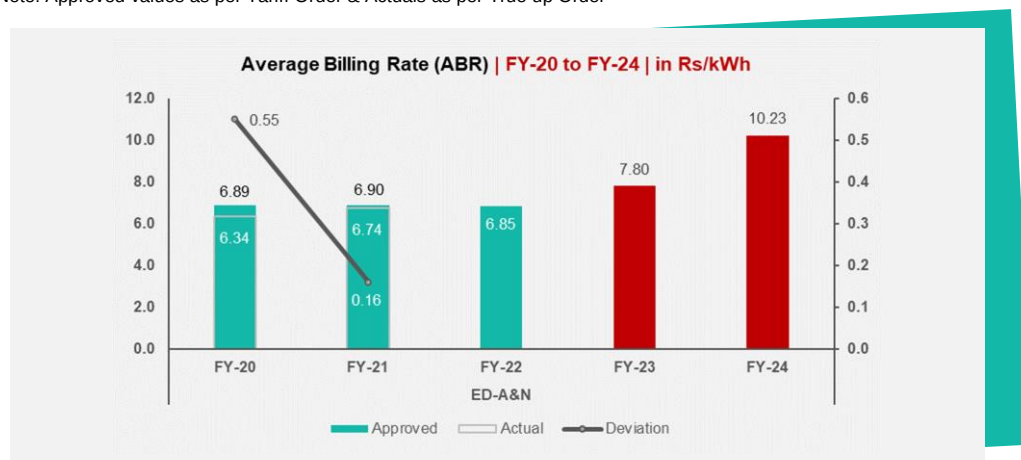
3. (a) Average Billing Rate (ABR)

The Approved and Actual ABR as per the tariff order for FY 2019-20 to FY 2021-22 along with approved ABR for FY 2022-23 and FY 2023-24 is provided as below:

(in Rs./ kWh)

Description	FY 2019-20		FY 2020-21		FY 2021-22		FY 2022-23	FY 2023-24
	Approved	Actual	Approved	Actual	Approved	Actual	Approved	Approved
ED-A&N	6.89	6.34	6.90	6.74	6.85	-	7.80	10.23
UT level	6.89	6.34	6.90	6.74	6.85	-	7.80	10.23

Note: Approved values as per Tariff Order & Actuals as per True up Order



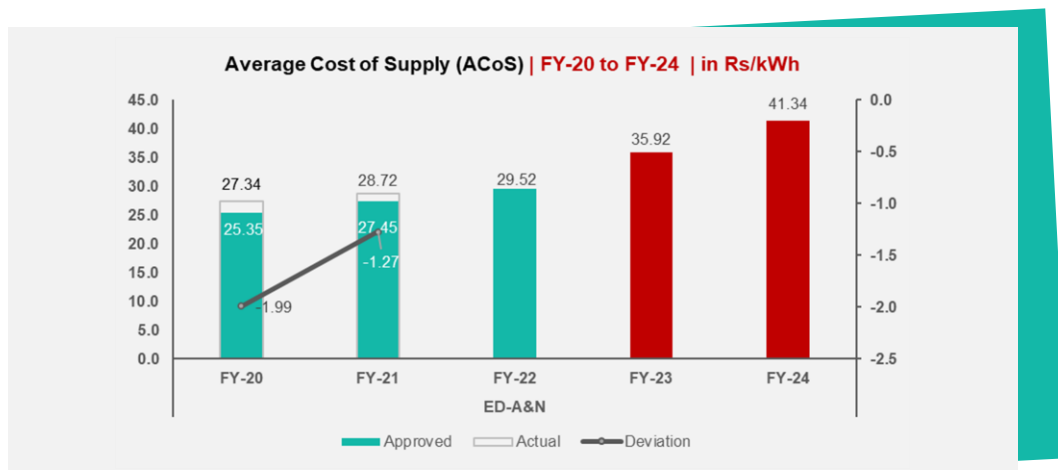
3. (b) Average Cost of Supply (ACoS)

The Approved and Actual ACoS as per the tariff order for FY 2019-20 to FY 2021-22 along with approved ACoS for FY 2022-23 and FY 2023-24 is provided as below:

(in Rs./ kWh)

Description	FY 2019-20		FY 2020-21		FY 2021-22		FY 2022-23	FY 2023-24
	Approved	Actual	Approved	Actual	Approved	Actual	Approved	Approved
ED-A&N	25.35	27.34	27.45	28.72	29.52	-	35.92	41.34
UT level	25.35	27.34	27.45	28.72	29.52	-	35.92	41.34

Note: Approved values as per Tariff Order & Actuals as per True up Order | includes outside the state sale



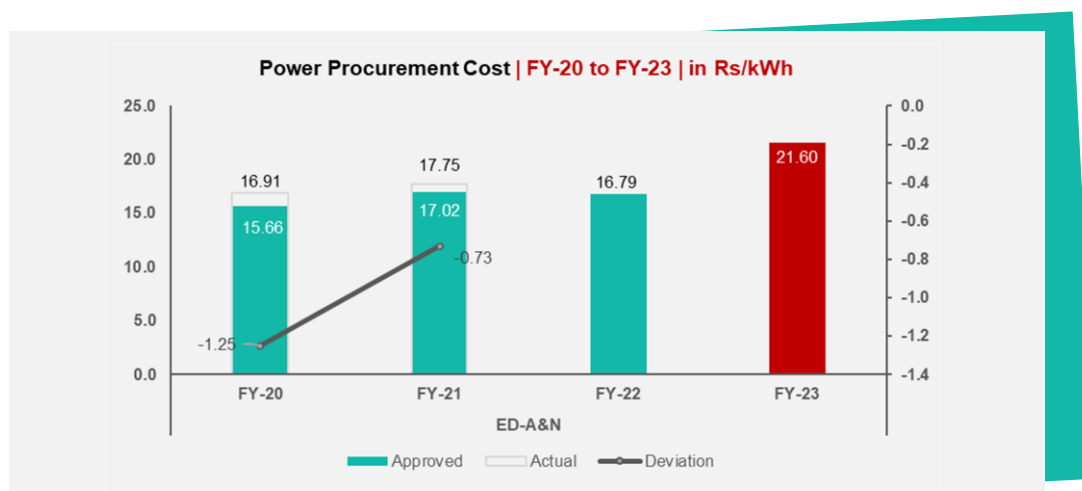
3. (c) Power Procurement Cost

The Power Procurement cost as approved by the State Commission in tariff order vs actual as per the approved true up of FY 2019-20 to FY 2021-22 is provided as below:

(in Rs./ kWh)

Description	FY 2019-20		FY 2020-21		FY 2021-22		FY 2022-23
	Approved	Actual	Approved	Actual	Approved	Actual	Approved
ED-A&N	15.66	16.91	17.02	17.75	16.79	-	21.60
UT level	15.66	16.91	17.02	17.75	16.79	-	21.60

Note: Approved values as per Tariff Order & Actuals as per True up Order | includes Transmission charges



3. (d) Expenses and Revenue

The difference in total expenses and revenues, as per filing in the tariff petition and the figures approved in tariff order by JERC for FY 2023-24, are given below:

(in Rs. Cr.)

Sr. No.	Particulars	Tariff Petition (I)	Tariff Order (II)	Disallowance (III= I-II)
1	Power Purchase Expenses	888	906	(17)
2	O&M Expenses	262	240	22
a)	Employee Expenses	205	170	35
b)	R&M Expenses	5	14	(9)

Sr. No.	Particulars	Tariff Petition (I)	Tariff Order (II)	Disallowance (III= I-II)
c)	A&G Expenses	52	56	(4)
3	Depreciation	19	19	0
4	Interest and Finance Charges	9	8	1
5	Interest on Working Capital	6	6	(1)
6	Return on Equity	27	28	(1)
7	Total Revenue Requirement	1,211	1,207	4
8	Less: Non-Tariff Income	4	4	0
9	Net Revenue Requirement	1,207	1,204	4
10	Total Revenue	254	266	(11)
11	Revenue Gap for FY 2023-24	953	938	15
12	Budgetary support from A&N Administration		938	
13	Remaining Revenue Gap (13=11-12)		0	

4. Cumulative Revenue Gap/ Surplus

(in Rs. Cr.)

Description	ED-A&N
Closing Revenue Gap till FY 2022-23	-
Annual Revenue Requirement for FY 2023-24	1,204
Revenue from sale of power	266
Budgetary support from A&N Administration	938
Total Revenue Gap approved for FY 2023-24	-

5. Summary of Compliances

Sr. No.	Description	Status
1.	Tariff Order Issuance - Timeliness	
a)	Generation – Tariff Order	NA
b)	Transmission – Tariff Order	NA
c)	Distribution – Tariff Order	√
d)	Distribution – True up Order	X
2.	Creation of New Regulatory Assets	√
3.	Cross subsidy within ±20% of ACoS – LT Industrial Category	NA
4.	Cross subsidy within ±20% of ACoS – HT Industrial Category	√

Note: Complied (√) | Not Complied (X)

Summary

Latest Tariff Order: FY 2023-24
Latest True up Order: FY 2020-21
Approved Tariff Hike: ~12.14%
New Regulatory Asset: Nil
Proposed Liquidation Plan: NA



1. Tariff Order Issuance Timelines

1.1. Tariff Order (Generation) - APGENCO

Key Dates	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24
Filing of Tariff Petition	28-Dec-18	28-Dec-18	28-Dec-18	28-Dec-18	28-Dec-18
Tariff Issuance	29-Apr-19	29-Apr-19	29-Apr-19	29-Apr-19	29-Apr-19
Tariff Applicability	01-Apr-19	01-Apr-20	01-Apr-21	01-Apr-22	01-Apr-23
Disposal (in Days)	122	NA	NA	NA	NA



1.2. Tariff Order (Transmission) - APTRANSCO

Key Dates	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24
Filing of Tariff Petition	06-Dec-18	06-Dec-18	06-Dec-18	06-Dec-18	06-Dec-18
Tariff Issuance	08-Mar-19	08-Mar-19	08-Mar-19	08-Mar-19	08-Mar-19
Tariff Applicability	01-Apr-19	01-Apr-20	01-Apr-21	01-Apr-22	01-Apr-23
Disposal (in Days)	92	NA	NA	NA	NA



1.3. (a) Tariff Order (Distribution) - APEPDCL/ APSPDCL/ APCPDCL

Key dates	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24
Filing of Tariff Petition	24-Nov-18	02-Dec-19	30-Nov-20	13-Dec-21	30-Nov-22
Tariff Issuance	22-Feb-19	10-Feb-20	25-Mar-21	30-Mar-22	25-Mar-23
Tariff Applicability	01-Apr-19	01-Apr-20	01-Apr-21	01-Apr-22	01-Apr-23
Disposal (in Days)	90	70	115	107	115

1.3. (b) True up Order (Distribution) - APEPDCL/ APSPDCL/ APCPDCL

Key Dates	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
Filing of Tariff Petition	08-Jul-20	07-Jan-21	07-Jan-21	-
True up Issuance	26-Nov-20	30-Mar-22	30-Mar-22	-
Disposal (in Days)	141	447	447	-

Note: True up of only Power Purchase cost has been done for FY 2019-20 & 2020-21

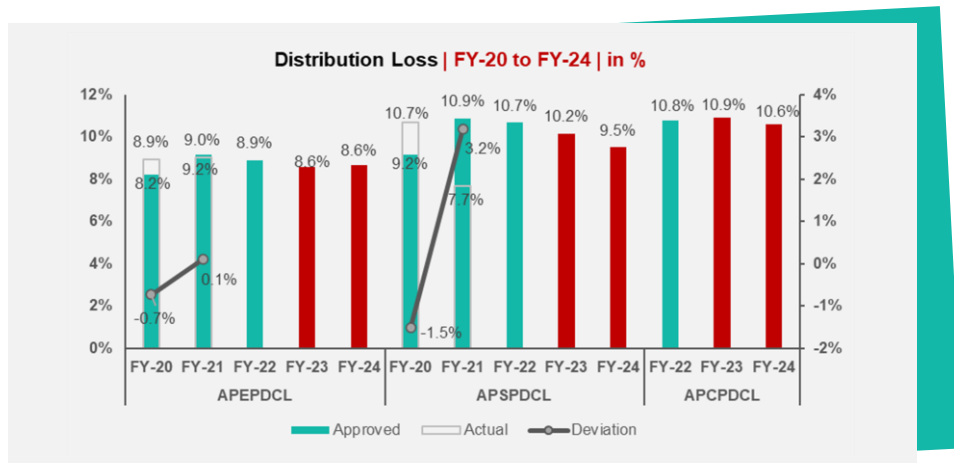
2. Distribution Loss

The Approved and Actual distribution loss for FY 2019-20 to FY 2021-22 and approved distribution loss for FY 2022-23 and FY 2023-24 are as below:

(in %)

Description	FY 2019-20		FY 2020-21		FY 2021-22		FY 2022-23	FY 2023-24
	Approved	Actual	Approved	Actual	Approved	Actual	Approved	Approved
APEPDCL	8.21	8.94	9.28	9.04	8.90	-	8.55	8.64
APSPDCL	9.15	10.67	10.87	7.69	10.68	-	10.15	9.51
APCPCL	NA	NA	NA	NA	10.77	-	10.90	10.61
State level	8.80	10.03	10.28	8.88	10.05	-	9.73	9.42

Note: Approved values as per Tariff Order & Actuals as per DISCOM filed in the True up Order



3. Cost Reflective Tariff

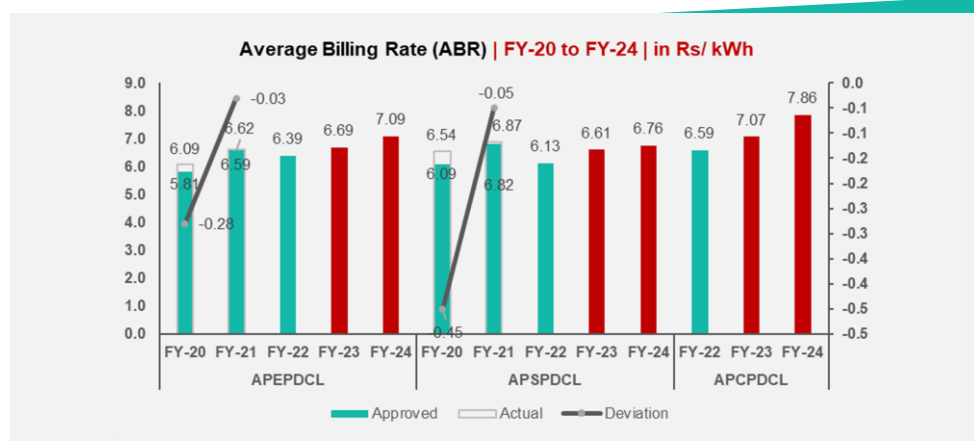
3. (a) Average Billing Rate (ABR)

The Approved and Actual ABR as per the tariff order for FY 2019-20 to FY 2021-22 along with approved ABR for FY 2022-23 and FY 2023-24 is provided as below:

(in Rs./ kWh)

Description	FY 2019-20		FY 2020-21		FY 2021-22		FY 2022-23	FY 2023-24
	Approved	Actual	Approved	Actual	Approved	Actual	Approved	Approved
APEPDCL	5.81	6.09	6.59	6.62	6.39	-	6.69	7.09
APSPDCL	6.09	6.54	6.82	6.87	6.13	-	6.61	6.76
APCPCL	NA	NA	NA	NA	6.59	-	7.07	7.86
State level	5.99	6.46	6.73	6.77	6.33	-	6.95	7.52

Note: Approved values as per Tariff Order & Actuals as per True up Order



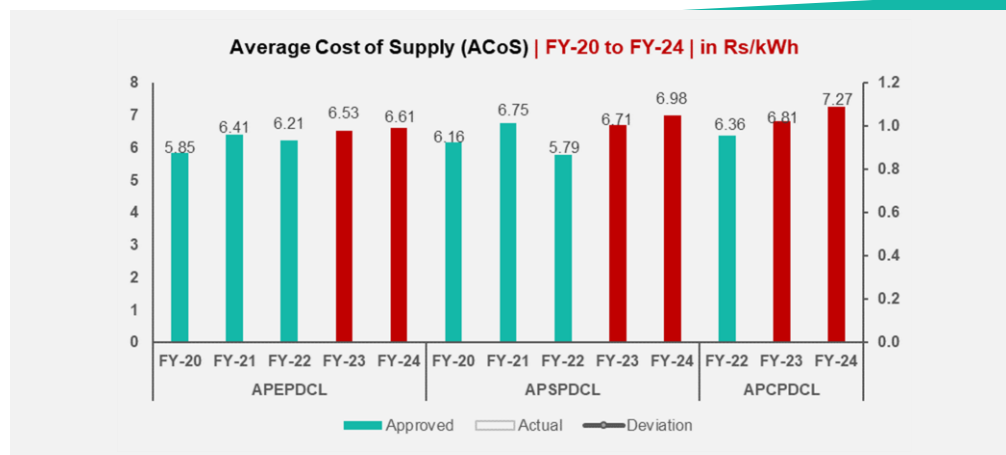
3. (b) Average Cost of Supply (ACoS)

The Approved and Actual ACoS as per the tariff order for FY 2019-20 to FY 2021-22 along with approved ACoS for FY 2022-23 and FY 2023-24 is provided as below:

(in Rs./ kWh)

Description	FY 2019-20		FY 2020-21		FY 2021-22		FY 2022-23	FY 2023-24
	Approved	Actual	Approved	Actual	Approved	Actual	Approved	Approved
APEPDCL	5.85	-	6.41	-	6.21	-	6.53	6.61
APSPDCL	6.16	-	6.75	-	5.79	-	6.71	6.98
APCPCL	NA	NA	NA	NA	6.36	-	6.81	7.27
State level	6.04	-	6.62	-	6.08	-	6.67	6.90

Note: Approved values as per Tariff Order | True up of only Power Purchase cost has been done for FY 2019-20 & 2020-21 | excludes outside the state sale

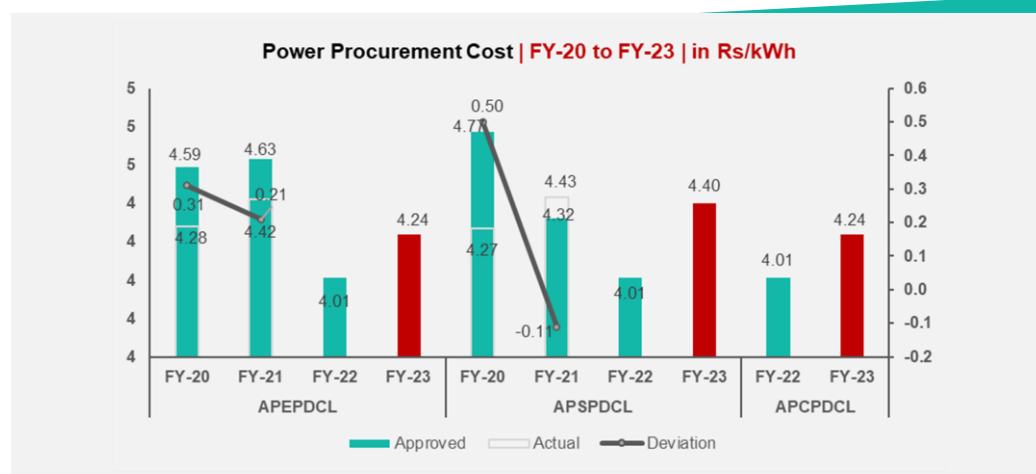


3. (c) Power Procurement Cost

The Power Procurement cost as approved by the State Commission in tariff order vs actual as per the approved true up of FY 2019-20 to FY 2021-22 is provided as below:

Description	FY 2019-20		FY 2020-21		FY 2021-22		FY 2022-23
	Approved	Actual	Approved	Actual	Approved	Actual	Approved
APEPDCL	4.59	4.28	4.63	4.42	4.01	-	4.24
APSPDCL	4.77	4.27	4.32	4.43	4.01	-	4.40
APCPCL	NA	NA	NA	NA	4.01	-	4.24
State level	4.76	4.27	4.44	4.43	4.01	-	4.30

Note: Approved values as per Tariff Order & Actuals as per True up Order | Excludes Transmission charges



3. (d) Expenses and Revenue

The difference in total expenses and revenues, as per filing in the tariff petition and the figures approved in tariff order by APERC for FY 2023-24, are given below:

(in Rs. Cr.)

Sr. No.	Particulars	APSPDCL			APCPDCL			APEPDCL			State		
		Tariff Petition (I)	Tariff Order (II)	Disallowance (III= I-II)	Tariff Petition (I)	Tariff Order (II)	Disallowance (III= I-II)	Tariff Petition (I)	Tariff Order (II)	Disallowance (III= I-II)	Tariff Petition (I)	Tariff Order (II)	Disallowance (III= I-II)
1	Transmission Cost	1,416	1,416	0	817	817	0	1,164	1,164	0	3,397	3,397	0
2	SLDC Cost	51	31	20	10	18	(8)	16	28	(12)	76	76	0
3	Distribution Cost	4,414	4,414	0	2,578	2,578	0	3,352	3,352	0	10,344	10,344	0
4	PGCIL Expenses	769	607	163	364	350	14	565	543	22	1,699	1,500	199
5	ULDC Charges	1	1	0	1	1	0	1	1	0	3	3	0
6	Total Network Cost	6,652	6,469	183	3,770	3,764	6	5,097	5,088	10	15,519	15,320	199
7	Power Purchase Cost	13,556	12,328	1,228	8,013	7,298	715	13,892	12,696	1,197	35,461	32,321	3,140
8	Interest on Security Deposit	138	136	1	88	96	(8)	143	156	(13)	369	388	(19)
9	Supply Margin in Retail Supply Business	45	45	0	26	26	0	26	26	0	98	98	0
10	Other Costs	68	67	1	5	4	1	50	49	1	124	120	4
11	Additional Interest #	413	413	0	238	238	0	369	369	0	1,020	1,020	0
12	Supply Cost	14,219	12,989	1,230	8,371	7,662	709	14,482	13,297	1,185	37,072	33,947	3,124
13	Aggregate Revenue Requirement (6+12)	20,871	19,457	1,413	12,141	11,426	715	19,579	18,384	1,195	52,591	49,267	3,323
14	Less: Non-Tariff Income		1,312			440			512			2,264	
15	Net Revenue Requirement		18,145			10,985			17,873			47,003	
16	Total Revenue*§	14,309	13,073	1,342	9,068	8,660	441	16,250	15,662	623	39,626	37,394	2,406
17	Revenue Gap		5,072			2,326			2,211			9,609	
18	Impact of True up & others&		124			128			275			526	
19	Revenue Gap for FY 2023-24	6,456	5,196	1,260	3,041	2,453	587	3,294	2,486	808	12,790	10,135	2,655

Note: *excluding CSS & Grid Support charges | #on Pension Bonds as per GENCO order | § at approved tariff | & concessions/ subsidy/ DBT

4. Cumulative Revenue Gap/ Surplus

(in Rs. Cr.)

Description	APSPDCL	APCPDCL	APEPDCL	State
Closing Revenue Gap along with carrying cost till FY 2022-23	-	-	-	-
Net Revenue Requirement for FY 2023-24	18,145	10,985	17,873	47,003
Total Revenue at approved tariff*	13,073	8,660	15,662	37,394
Revenue Gap	5,072	2,326	2,211	9,609
Impact of True up/ concessions/ subsidy/ DBT of past years	124	128	275	526
Total Revenue Gap	5,196	2,453	2,486	10,135
Subsidy to be provided by GoAP	5,196	2,453	2,486	10,135
Total Revenue Gap for FY 2023-24	-	-	-	-

5. Summary of Compliances

Sr. No.	Description	Status	Summary
1.	Tariff Order Issuance - Timeliness		Summary Latest Tariff Order: FY 2023-24 Latest True up Order: FY 2018-19 Approved Tariff Hike: Nil New Regulatory Asset: Nil Proposed Liquidation Plan: NA
a)	Generation – Tariff Order	√	
b)	Transmission – Tariff Order	√	
c)	Distribution – Tariff Order	√	
d)	Distribution – True up Order	X	
2.	Creation of New Regulatory Assets	√	
3.	Cross subsidy within ±20% of ACoS – LT Industrial Category	X	
4.	Cross subsidy within ±20% of ACoS – HT Industrial Category	√	

Note: Complied (√) | Not Complied (X)



1. Tariff Order Issuance Timelines

1.1. Tariff Order (Generation) - Deptt. Of Hydro Power Development, Arunachal Pradesh

Key Dates	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24
Filing of Tariff Petition	-	-	-	-	-
Tariff Issuance	-	-	-	-	-
Tariff Applicability	-	-	-	-	-
Disposal (in Days)	-	-	-	-	-

Note: Tariff filed but date of filing is not available for FY 2019-20 & FY 2020-21 | For remaining years not filed



1.2. Tariff Order (Transmission) - DoP, Arunachal Pradesh

Key Dates	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24
Filing of Tariff Petition	-	-	-	-	-
Tariff Issuance	-	-	-	-	-
Tariff Applicability	-	-	-	-	-
Disposal (in Days)	-	-	-	-	-

Note: Tariff filed but date of filing is not available for FY 2019-20 & FY 2020-21 | For remaining years not filed



1.3. (a) Tariff Order (Distribution) - DoP, Arunachal Pradesh

Key dates	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24
Filing of Tariff Petition	-	-	-	-	-
Tariff Issuance	-	-	-	-	-
Tariff Applicability	-	-	-	-	-
Disposal (in Days)	-	-	-	-	-

Note: Last Tariff order issued for FY 2018-19

1.3. (b) True up Order (Distribution) - DoP, Arunachal Pradesh

Key Dates	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
Filing of Tariff Petition	-	-	-	-
True up Issuance	-	-	-	-
Disposal (in Days)	-	-	-	-

Note: Last True up order issued for FY 2016-17

2. Distribution Loss

The Approved and Actual distribution loss for FY 2019-20 to FY 2021-22 and approved distribution loss for FY 2022-23 and FY 2023-24 are as below:

(in %)

Description	FY 2019-20		FY 2020-21		FY 2021-22		FY 2022-23	FY 2023-24
	Approved	Actual	Approved	Actual	Approved	Actual	Approved	Approved
DoP, AP	-	-	-	-	-	-	-	-
State level	-	-	-	-	-	-	-	-

Note: Approved values as per Tariff Order & Actuals as per DISCOM filed in the True up Order

3. Cost Reflective Tariff

3. (a) Average Billing Rate (ABR)

The Approved and Actual ABR as per the tariff order for FY 2019-20 to FY 2021-22 along with approved ABR for FY 2022-23 and FY 2023-24 is provided as below:

Description	FY 2019-20		FY 2020-21		FY 2021-22		FY 2022-23	FY 2023-24
	Approved	Actual	Approved	Actual	Approved	Actual	Approved	Approved
DoP, AP	-	-	-	-	-	-	-	-
State level	-	-	-	-	-	-	-	-

Note: Approved values as per Tariff Order & Actuals as per True up Order

3. (b) Average Cost of Supply (ACoS)

The Approved and Actual ACoS as per the tariff order for FY 2019-20 to FY 2021-22 along with approved ACoS for FY 2022-23 and FY 2023-24 is provided as below:

Description	FY 2019-20		FY 2020-21		FY 2021-22		FY 2022-23	FY 2023-24
	Approved	Actual	Approved	Actual	Approved	Actual	Approved	Approved
DoP, AP	-	-	-	-	-	-	-	-
State level	-	-	-	-	-	-	-	-

Note: Approved values as per Tariff Order & Actuals as per True up Order | includes outside the state sale

3. (c) Power Procurement Cost

The Power Procurement cost as approved by the State Commission in tariff order vs actual as per the approved true up of FY 2019-20 to FY 2021-22 is provided as below:

Description	FY 2019-20		FY 2020-21		FY 2021-22		FY 2022-23
	Approved	Actual	Approved	Actual	Approved	Actual	Approved
DoP, AP	-	-	-	-	-	-	-
State level	-	-	-	-	-	-	-

Note: Approved values as per Tariff Order & Actuals as per True up Order

3. (d) Expenses and Revenue

The difference in total expenses and revenues, as per filing in the tariff petition and the figures approved in tariff order by APSERC for FY 2018-19, are given below:

Sr. No.	Particulars	(in Rs. Cr.)		
		Tariff Petition (I)	Tariff Order (II)	Disallowance (III= I-II)
1	Power Purchase Expenses*	287.86	186.06	102
2	Fuel Cost	25.71	2.21	24
3	O&M Expenses	376.26	376.26	0
a)	Employee Expenses	325.84	325.84	0
b)	R&M Expenses	43.94	43.94	0
c)	A&G Expenses	6.48	6.48	0
4	Other Costs	0.00	3.49	(3)
5	Total Revenue Requirement	689.83	568.01	122
12	Less: Non-Tariff Income	3.81	3.81	0
17	Net Revenue Requirement	686.02	564.20	122
b)	Revenue from existing tariff	155.03	161.47	(6)
12	Revenue from surplus sale of power	23.07	23.07	0
13	Total Annual Income	181.91	188.35	(6)
14	Revenue Gap for FY 2018-19	507.92	379.66	128
15	Budgetary support for recovery of revenue gap	507.92	379.66	128
16	Total Revenue Gap for FY 2018-19		0	

4. Cumulative Revenue Gap/ Surplus

(in Rs. Cr.)

Description	DoP, AP
Revenue Gap till FY 2018-19	380
Budgetary support from State Govt for recovery of revenue gap	380
Total Revenue Gap for FY 2018-19	-

5. Summary of Compliances

Sr. No.	Description	Status	Summary Latest Tariff Order: FY 2018-19 Latest True up Order: FY 2016-17 Approved Tariff Hike: - New Regulatory Asset: Nil Proposed Liquidation Plan: NA
1.	Tariff Order Issuance - Timeliness		
a)	Generation – Tariff Order	X	
b)	Transmission – Tariff Order	X	
c)	Distribution – Tariff Order	X	
d)	Distribution – True up Order	X	
2.	Creation of New Regulatory Assets	X	
3.	Cross subsidy within ±20% of ACoS – LT Industrial Category	X	
4.	Cross subsidy within ±20% of ACoS – HT Industrial Category	X	

Note: Complied (√) | Not Complied (X)



1. Tariff Order Issuance Timelines

1.1. Tariff Order (Generation) - APDCL

Key Dates	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24
Filing of Tariff Petition	30-Nov-18	30-Nov-19	03-Dec-20	30-Nov-21	30-Nov-22
Tariff Issuance	01-Mar-19	07-Mar-20	15-Feb-21	21-Mar-22	29-Mar-23
Tariff Applicability	01-Apr-19	01-Apr-20	01-Apr-21	01-Apr-22	01-Apr-23
Disposal (in Days)	91	98	74	111	119



1.2. Tariff Order (Transmission) - AEGCL

Key Dates	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24
Filing of Tariff Petition	30-Nov-18	30-Nov-19	27-Nov-20	30-Nov-21	30-Nov-22
Tariff Issuance	01-Mar-19	07-Mar-20	15-Feb-21	21-Mar-22	29-Mar-23
Tariff Applicability	01-Apr-19	01-Apr-20	01-Apr-21	01-Apr-22	01-Apr-23
Disposal (in Days)	91	98	80	111	119



1.3. (a) Tariff Order (Distribution) - APDCL

Key dates	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24
Filing of Tariff Petition	30-Nov-18	30-Nov-19	28-Nov-20	16-Dec-21	30-Nov-22
Tariff Issuance	01-Mar-19	07-Mar-20	15-Feb-21	21-Mar-22	29-Mar-23
Tariff Applicability	01-Apr-19	01-Apr-20	01-Apr-21	01-Apr-22	01-Apr-23
Disposal (in Days)	91	98	79	95	119

1.3. (b) True up Order (Distribution) - APDCL

Key Dates	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
Filing of Tariff Petition	30-Nov-19	28-Nov-20	16-Dec-21	30-Nov-22
True up Issuance	07-Mar-20	15-Feb-21	21-Mar-22	29-Mar-23
Disposal (in Days)	98	79	95	119

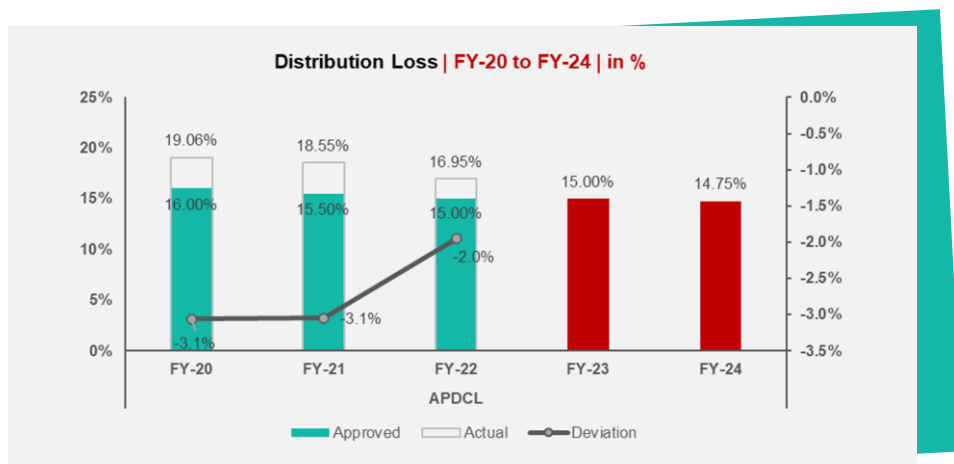
2. Distribution Loss

The Approved and Actual distribution loss for FY 2019-20 to FY 2021-22 and approved distribution loss for FY 2022-23 and FY 2023-24 are as below:

(in %)

Description	FY 2019-20		FY 2020-21		FY 2021-22		FY 2022-23	FY 2023-24
	Approved	Actual	Approved	Actual	Approved	Actual	Approved	Approved
APDCL	16.00	19.06	15.50	18.55	15.00	16.95	15.00	14.75
State level	16.00	19.06	15.50	18.55	15.00	16.95	15.00	14.75

Note: Approved values as per Tariff Order & Actuals as per DISCOM filed in the True up Order



3. Cost Reflective Tariff

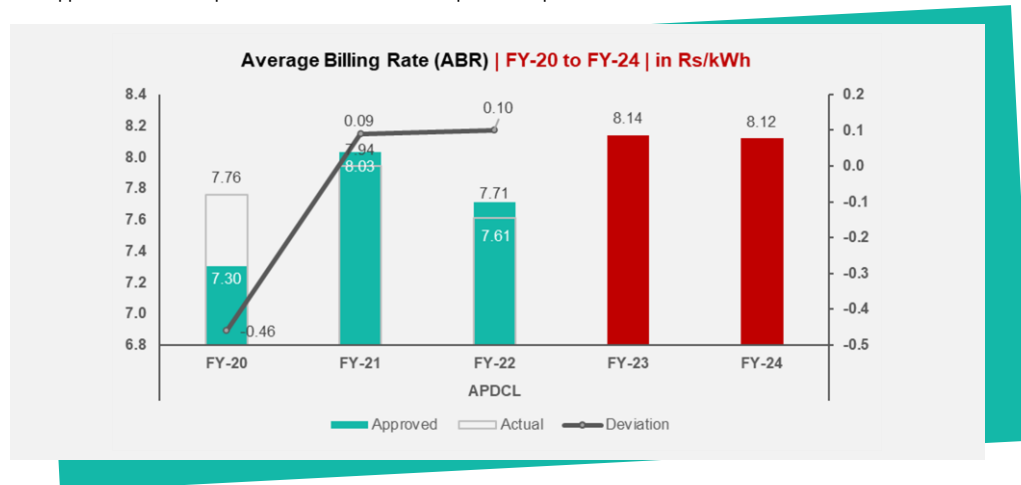
3. (a) Average Billing Rate (ABR)

The Approved and Actual ABR as per the tariff order for FY 2019-20 to FY 2021-22 along with approved ABR for FY 2022-23 and FY 2023-24 is provided as below:

(in Rs./ kWh)

Description	FY 2019-20		FY 2020-21		FY 2021-22		FY 2022-23	FY 2023-24
	Approved	Actual	Approved	Actual	Approved	Actual	Approved	Approved
APDCL	7.30	7.76	8.03	7.94	7.71	7.61	8.14	8.12
State level	7.30	7.76	8.03	7.94	7.71	7.61	8.14	8.12

Note: Approved values as per Tariff Order & Actuals as per True up Order



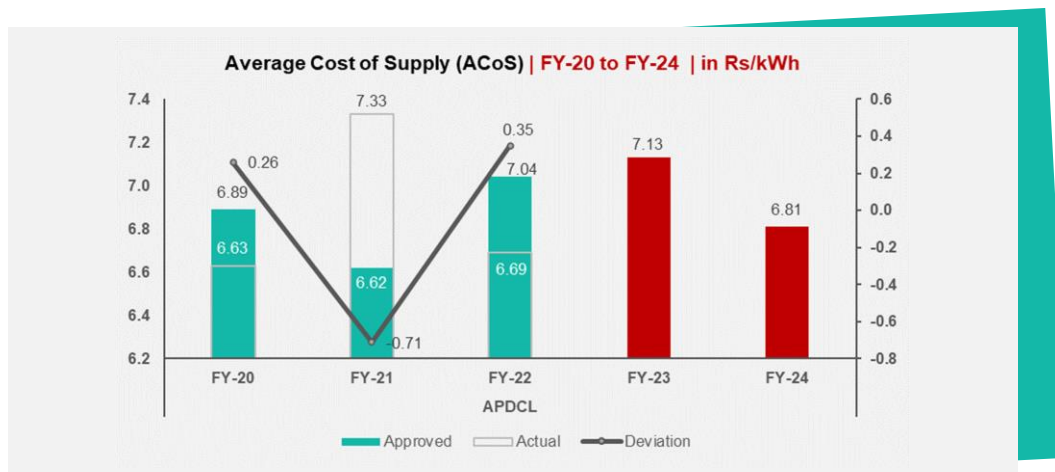
3. (b) Average Cost of Supply (ACoS)

The Approved and Actual ACoS as per the tariff order for FY 2019-20 to FY 2021-22 along with approved ACoS for FY 2022-23 and FY 2023-24 is provided as below:

(in Rs./ kWh)

Description	FY 2019-20		FY 2020-21		FY 2021-22		FY 2022-23	FY 2023-24
	Approved	Actual	Approved	Actual	Approved	Actual	Approved	Approved
APDCL	6.89	6.63	6.62	7.33	7.04	6.69	7.13	6.81
State level	6.89	6.63	6.62	7.33	7.04	6.69	7.13	6.81

Note: Approved values as per Tariff Order & Actuals as per True up Order | includes outside the state sale



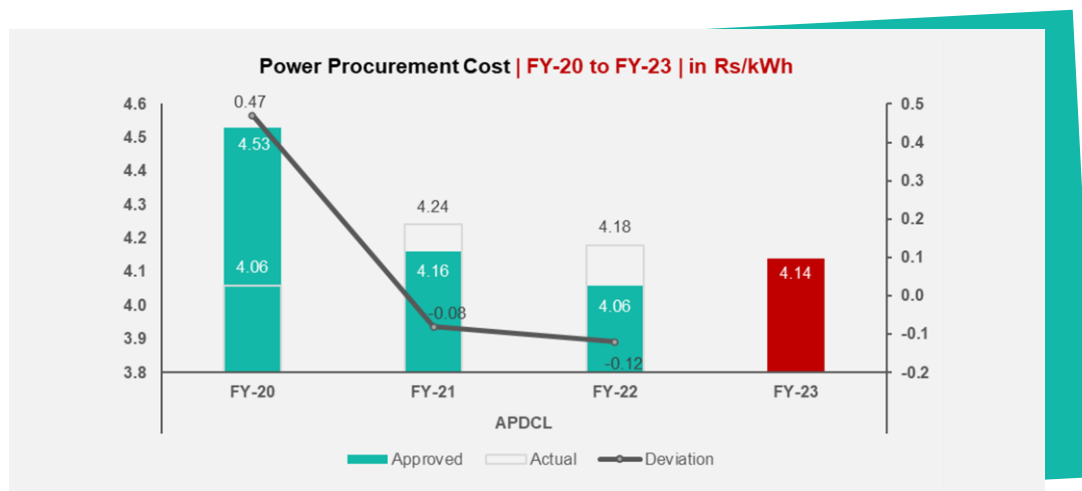
3. (c) Power Procurement Cost

The Power Procurement cost as approved by the State Commission in tariff order vs actual as per the approved true up of FY 2019-20 to FY 2021-22 is provided as below:

(in Rs./ kWh)

Description	FY 2019-20		FY 2020-21		FY 2021-22		FY 2022-23
	Approved	Actual	Approved	Actual	Approved	Actual	Approved
APDCL	4.53	4.06	4.16	4.24	4.06	4.18	4.14
State level	4.53	4.06	4.16	4.24	4.06	4.18	4.14

Note: Approved values as per Tariff Order & Actuals as per True up Order | Excludes Transmission charges



3. (d) Expenses and Revenue

The difference in total expenses and revenues, as per filing in the tariff petition and the figures approved in tariff order by AERC for FY 2023-24, are given below:

(in Rs. Cr.)

Sr. No.	Particulars	Tariff Petition (I)	Tariff Order (II)	Disallowance (III= I-II)
1	Power Purchase Expenses*	8,348	6,409	1,939
2	O&M Expenses	1,296	1,364	(68)
a)	Employee Expenses	920	948	(29)
b)	R&M Expenses	312	305	7
c)	A&G Expenses	65	111	(46)
3	Depreciation	144	173	(29)
4	Interest and Finance Charges	7	4	4

Sr. No.	Particulars	Tariff Petition (I)	Tariff Order (II)	Disallowance (III= I-II)
5	Interest on Working Capital	27	0	27
6	Interest on Security Deposit	53	53	0
7	Return on Equity	212	163	50
8	Other Debits, incl. Provisioning for Bad Debts	7	7	0
9	Total Revenue Requirement	10,095	8,173	1,922
10	Less: Non-Tariff Income	385	472	(87)
11	Less: Other Income	710	110	600
12	Net Revenue Requirement	9,000	7,591	1,408
13	Cumulative Revenue Requirement [#]	9,274	7,831	1,443
14	Total Revenue ^{\$}	7,368	7,927	(560)
15	Revenue Gap/Surplus for FY 2023-24	1,906	(96)	-

Note: *including Interstate Transmission charges | [#]including True up and FPPPA impact | ^{\$} at approved tariff

4. Cumulative Revenue Gap/ Surplus

(in Rs. Cr.)

Description	APDCL
Closing Revenue Gap along with carrying cost till FY 2022-23	546
Revenue Requirement for FY 2023-24	7,591
Less: Impact of True-up of APGCL, AEGCL and SLDC	91
Add: FPPPA under recovery in FY 2022-23	457
Cumulative Revenue Requirement for FY 2023-24	7,831
Revenue from Existing Tariff in FY 2023-24	7,927
Total Revenue Surplus for FY 2023-24	96.33

5. Summary of Compliances

Sr. No.	Description	Status	Summary
1.	Tariff Order Issuance - Timeliness		
a)	Generation – Tariff Order	√	Latest Tariff Order: FY 2023-24
b)	Transmission – Tariff Order	√	Latest True up Order: FY 2021-22
c)	Distribution – Tariff Order	√	Approved Tariff Decrease: ~1.20%
d)	Distribution – True up Order	√	New Regulatory Asset: Nil
2.	Creation of New Regulatory Assets	Nil	Proposed Liquidation Plan: NA
3.	Cross subsidy within ±20% of ACoS – LT Industrial Category	√	
4.	Cross subsidy within ±20% of ACoS – HT Industrial Category	√	

Note: Complied (√) | Not Complied (X)



1. Tariff Order Issuance Timelines

1.1. Tariff Order (Generation) - BSPGCL

Key Dates	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24
Filing of Tariff Petition	NA	NA	NA	NA	NA
Tariff Issuance	NA	NA	NA	NA	NA
Tariff Applicability	NA	NA	NA	NA	NA
Disposal (in Days)	NA	NA	NA	NA	NA

Note: State exempted from issuance of tariff order



1.2. Tariff Order (Transmission) – BSPTCL/ BGCL

Key Dates	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24
Filing of Tariff Petition	30-Nov-18	15-Nov-19	24-Dec-20	14-Dec-21	15-Nov-22
Tariff Issuance	15-Feb-19	20-Mar-20	19-Mar-21	25-Mar-22	21-Mar-23
Tariff Applicability	01-Apr-19	01-Apr-20	01-Apr-21	01-Apr-22	01-Apr-23
Disposal (in Days)	77	126	85	101	126



1.3. (a) Tariff Order (Distribution) - NBPDC/ SBPDCL

Key dates	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24
Filing of Tariff Petition	30-Nov-18	15-Nov-19	30-Dec-20	15-Nov-21	15-Nov-22
Tariff Issuance	25-Feb-19	20-Mar-20	26-Mar-21	25-Mar-22	23-Mar-23
Tariff Applicability	01-Apr-19	01-Apr-20	01-Apr-21	01-Apr-22	01-Apr-23
Disposal (in Days)	87	126	86	130	128

1.3. (b) True up Order (Distribution) - NBPDC/ SBPDCL

Key Dates	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
Filing of Tariff Petition	15-Nov-19	30-Dec-20	15-Nov-21	15-Nov-22
True up Issuance	20-Mar-20	26-Mar-21	25-Mar-22	23-Mar-23
Disposal (in Days)	126	86	130	128

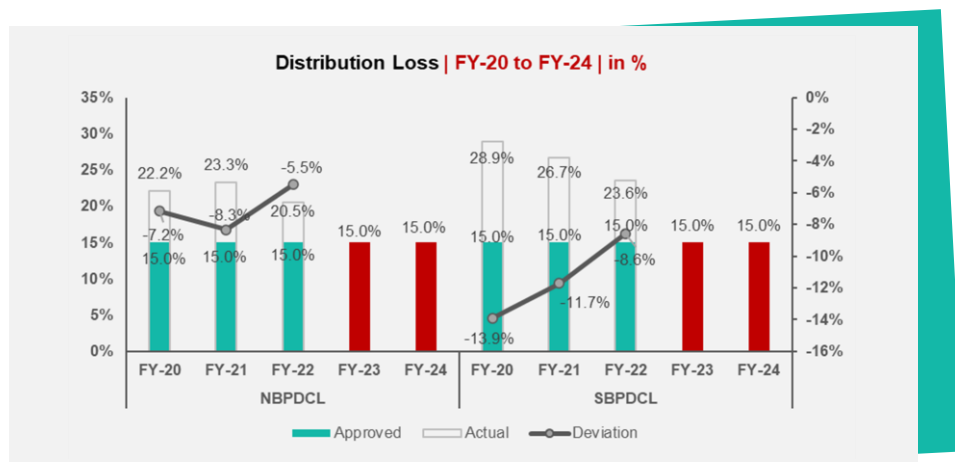
2. Distribution Loss

The Approved and Actual distribution loss for FY 2019-20 to FY 2021-22 and approved distribution loss for FY 2022-23 and FY 2023-24 are as below:

(in %)

Description	FY 2019-20		FY 2020-21		FY 2021-22		FY 2022-23	FY 2023-24
	Approved	Actual	Approved	Actual	Approved	Actual	Approved	Approved
NBPDC	15.00	22.16	15.00	23.34	15.00	20.48	15.00	15.00
SBPDCL	15.00	28.90	15.00	26.72	15.00	23.56	15.00	15.00
State level	15.00	25.99	15.00	25.23	15.00	22.18	15.00	15.00

Note: Approved values as per Tariff Order & Actuals as per DISCOM filed in the True up Order



3. Cost Reflective Tariff

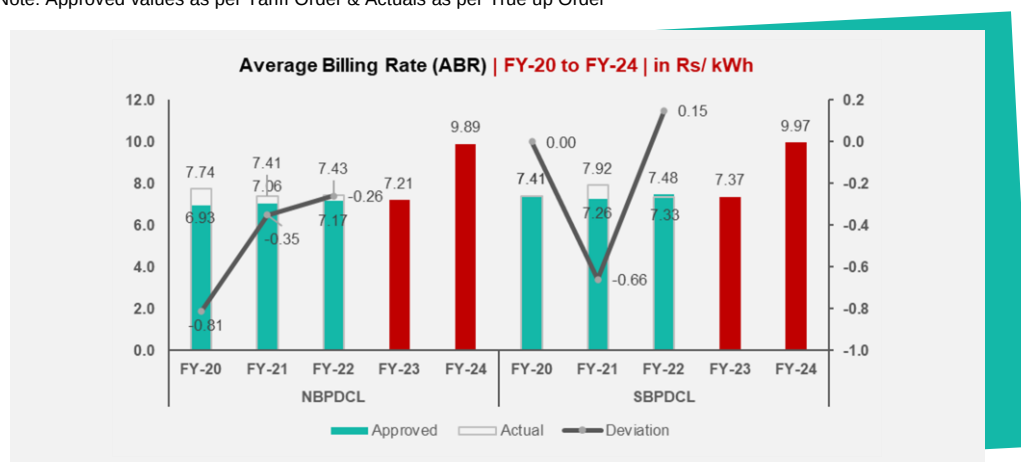
3. (a) Average Billing Rate (ABR)

The Approved and Actual ABR as per the tariff order for FY 2019-20 to FY 2021-22 along with approved ABR for FY 2022-23 and FY 2023-24 is provided as below:

(in Rs./ kWh)

Description	FY 2019-20		FY 2020-21		FY 2021-22		FY 2022-23	FY 2023-24
	Approved	Actual	Approved	Actual	Approved	Actual	Approved	Approved
NBPDC	6.93	7.74	7.06	7.41	7.17	7.43	7.21	9.79
SBPDCL	7.41	7.41	7.26	7.92	7.48	7.33	7.37	9.97
State level	7.20	7.56	7.17	7.68	7.34	7.38	7.30	9.89

Note: Approved values as per Tariff Order & Actuals as per True up Order



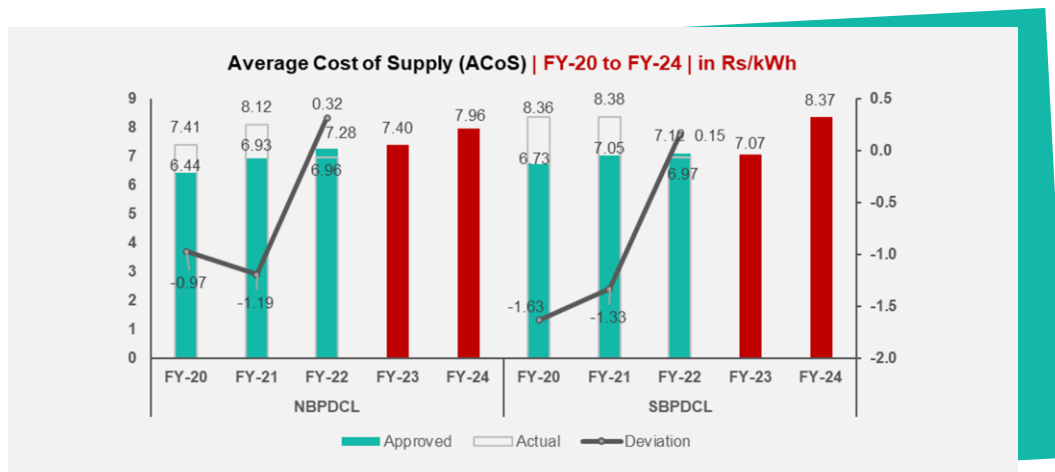
3. (b) Average Cost of Supply (ACoS)

The Approved and Actual ACoS as per the tariff order for FY 2019-20 to FY 2021-22 along with approved ACoS for FY 2022-23 and FY 2023-24 is provided as below:

(in Rs./ kWh)

Description	FY 2019-20		FY 2020-21		FY 2021-22		FY 2022-23	FY 2023-24
	Approved	Actual	Approved	Actual	Approved	Actual	Approved	Approved
NBPDC	6.44	7.41	6.93	8.12	7.28	6.96	7.40	7.96
SBPDCL	6.73	8.36	7.05	8.38	7.12	6.97	7.07	8.37
State level	6.59	7.91	6.99	8.26	7.19	6.96	7.22	8.17

Note: Approved values as per Tariff Order | includes outside the state sale



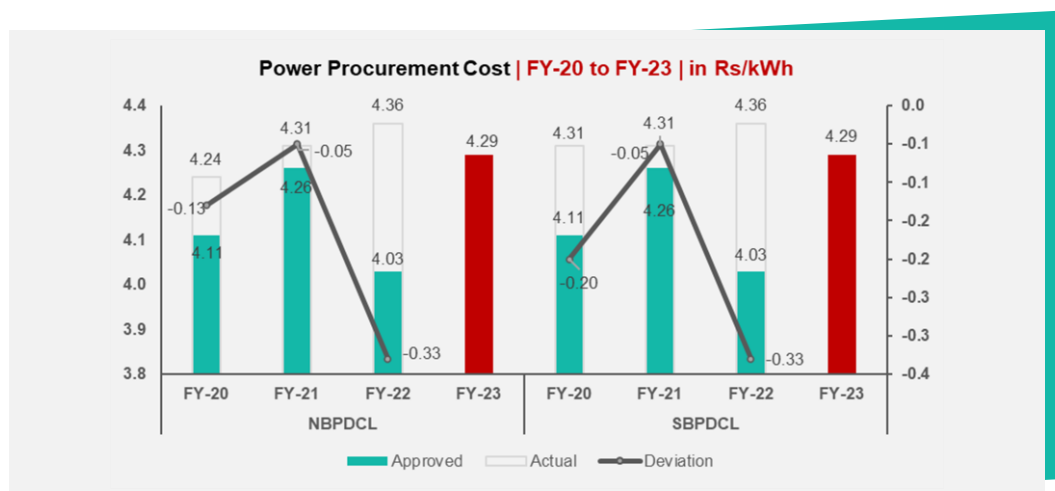
3. (c) Power Procurement Cost

The Power Procurement cost as approved by the State Commission in tariff order vs actual as per the approved true up of FY 2019-20 to FY 2021-22 is provided as below:

(in Rs./ kWh)

Description	FY 2019-20		FY 2020-21		FY 2021-22		FY 2022-23
	Approved	Actual	Approved	Actual	Approved	Actual	Approved
NBPDC	4.11	4.24	4.26	4.31	4.03	4.36	4.29
SBPDCL	4.11	4.31	4.26	4.31	4.02	4.36	4.29
State level	4.11	4.27	4.26	4.31	4.02	4.36	4.29

Note: Approved values as per Tariff Order & Actuals as per True up Order | excludes Transmission charges



3. (d) Expenses and Revenue

The difference in total expenses and revenues, as per filing in the tariff petition and the figures approved in tariff order by BERC for FY 2023-24, are given below:

(in Rs. Cr.)

Sr. No.	Particulars	NBPDC			SBPDCL			State		
		Tariff Petition (I)	Tariff Order (II)	Disallowance (III= I-II)	Tariff Petition (I)	Tariff Order (II)	Disallowance (III= I-II)	Tariff Petition (I)	Tariff Order (II)	Disallowance (III= I-II)
1	Purchase of power	10,045	8,981	1,064	11,792	10,419	1,373	21,837	19,400	2,437
2	Transmission Charges [#]	1,919	1,532	387	2,253	1,799	454	4,171	3,331	840
3	SLDC charges	6	6	0	8	7	0	14	13	1
4	O & M Expenses (A+B+C+D)	1,304	990	314	1,372	1,166	206	2,676	2,156	520
a)	Employee expenses	477	481	(4)	704	710	(6)	1,181	1,192	(11)
b)	R&M expenses	291	265	26	301	274	27	592	539	53
c)	A&G expenses	509	219	290	338	155	183	847	374	473
d)	Holding company expenses	27	25	2	29	27	2	56	52	4
5	Depreciation	415	362	53	378	365	14	794	727	67
6	Interest on loan	741	547	194	587	444	143	1,328	991	337
7	Other finance charges	96	57	39	128	71	57	224	128	96
8	Return on equity	565	413	152	486	379	107	1,051	792	259
9	Interest on SD	23	23	0	41	41	0	64	64	0
10	Interest on working capital	69	0	69	61	0	61	129	0	129
11	Total Revenue Requirement	16,486	13,902	2,585	18,478	15,857	2,621	34,964	29,759	5,206
12	Less: Non-tariff income	1,176	1,170	6	771	758	13	1,947	1,928	18
13	Net Revenue Requirement	15,826	11,742	4,084	16,335	13,932	2,402	32,160	25,674	6,486
14	Net ARR after True up impact*	14,433	12,121	2,312	21,205	18,480	2,725	35,638	30,601	5,037
15	Total Revenue ^{\$}	10,753	13,996	(3,243)	12,446	16,610	(4,164)	23,199	30,606	(7,407)
16	Total Revenue Gap/ (Surplus)	3,681	(1,875)	5,555	8,758	1,870	6,889	12,439	(4.91)	12,444

Note: [#] including Interstate & Intra state | ^{\$} at approved tariff | *including true up impact for FY 2020-21 & 2021-22

4. Cumulative Revenue Gap/ Surplus

(in Rs. Cr.)

Description	NBPDCL	SBPDCL	State
Net Revenue Requirement for FY 2023-24*	12,121	18,480	30,601
Total Revenue at approved tariff*	13,996	16,610	30,606
Revenue Gap/ (Surplus) for FY 2023-24	(1,875)	1,870	(5)

Note: *including true up impact for FY 2020-21 & 2021-22

5. Summary of Compliances

Sr. No.	Description	Status	Summary
1.	Tariff Order Issuance - Timeliness		
a)	Generation – Tariff Order	NA	Latest Tariff Order: FY 2023-24
b)	Transmission – Tariff Order	√	Latest True up Order: FY 2021-22
c)	Distribution – Tariff Order	√	
d)	Distribution – True up Order	√	Approved Tariff Hike: 24% in Energy Charge + increase in Fixed Charge
2.	Creation of New Regulatory Assets	√	
3.	Cross subsidy within ±20% of ACoS – LT Industrial Category	X	New Regulatory Asset: Nil
4.	Cross subsidy within ±20% of ACoS – HT Industrial Category	X	Proposed Liquidation Plan: NA

Note: Complied (√) | Not Complied (X)



1. Tariff Order Issuance Timelines

1.1. Tariff Order (Generation)#- EWEDC

Key Dates	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24
Filing of Tariff Petition	NA	NA	NA	NA	NA
Tariff Issuance	NA	NA	NA	NA	NA
Tariff Applicability	NA	NA	NA	NA	NA
Disposal (in Days)	NA	NA	NA	NA	NA

Note: UT exempted from issuance of tariff order.



1.2. Tariff Order (Transmission)# - EWEDC

Key Dates	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24
Filing of Tariff Petition	NA	NA	NA	NA	NA
Tariff Issuance	NA	NA	NA	NA	NA
Tariff Applicability	NA	NA	NA	NA	NA
Disposal (in Days)	NA	NA	NA	NA	NA

Note: UT exempted from issuance of tariff order



1.3. (a) Tariff Order (Distribution) - EWEDC

Key dates	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24
Filing of Tariff Petition	30-Nov-18	30-Nov-19	30-Jan-21	30-Mar-22	30-Jan-23
Tariff Issuance	20-May-19	19-May-20	30-Mar-21	11-Jul-22	30-Mar-23
Tariff Applicability	01-Jun-19	01-Jun-20	01-Apr-21	01-Jul-22	01-Apr-23
Disposal (in Days)	171	171	59	103	59

1.3. (b) True up Order (Distribution) - EWEDC

Key Dates	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
Filing of Tariff Petition	30-Nov-19	30-Jan-21	30-Jan-23	-
True up Issuance	19-May-20	30-Mar-21	30-Mar-23	-
Disposal (in Days)	171	59	59	-

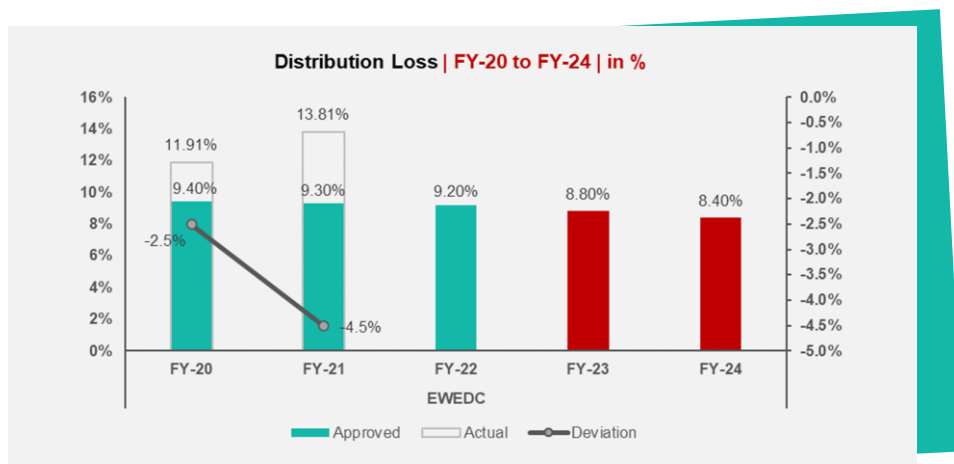
2. Distribution Loss

The Approved and Actual distribution loss for FY 2019-20 to FY 2021-22 and approved distribution loss for FY 2022-23 and FY 2023-24 are as below:

(in %)

Description	FY 2019-20		FY 2020-21		FY 2021-22		FY 2022-23	FY 2023-24
	Approved	Actual	Approved	Actual	Approved	Actual	Approved	Approved
EWEDC	5.12	4.27	4.87	3.87	4.73	-	4.67	5.10
UT level	5.12	4.27	4.87	3.87	4.73	-	4.67	5.10

Note: Approved values as per Tariff Order & Actuals as per DISCOM filed in the True up Order | includes transmission loss



3. Cost Reflective Tariff

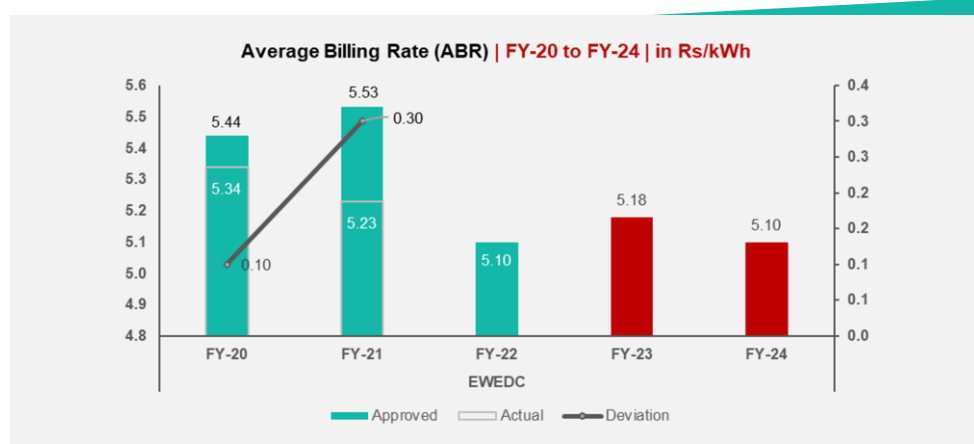
3. (a) Average Billing Rate (ABR)

The Approved and Actual ABR as per the tariff order for FY 2019-20 to FY 2021-22 along with approved ABR for FY 2022-23 and FY 2023-24 is provided as below:

(in Rs./ kWh)

Description	FY 2019-20		FY 2020-21		FY 2021-22		FY 2022-23	FY 2023-24
	Approved	Actual	Approved	Actual	Approved	Actual	Approved	Approved
EWEDC	5.44	5.34	5.53	5.23	5.10	-	5.18	5.10
UT level	5.44	5.34	5.53	5.23	5.10	-	5.18	5.10

Note: Approved values as per Tariff Order & Actuals as per True up Order



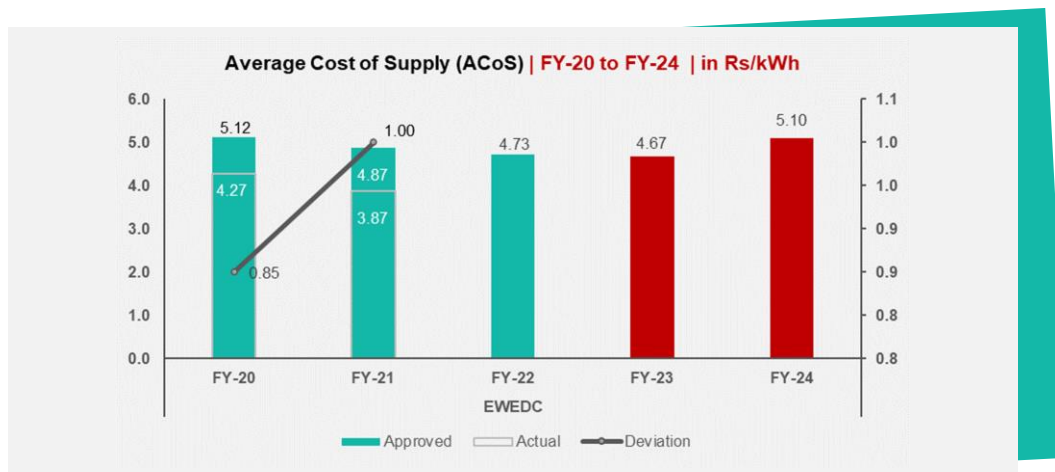
3. (b) Average Cost of Supply (ACoS)

The Approved and Actual ACoS as per the tariff order for FY 2019-20 to FY 2021-22 along with approved ACoS for FY 2022-23 and FY 2023-24 is provided as below:

(in Rs./ kWh)

Description	FY 2019-20		FY 2020-21		FY 2021-22		FY 2022-23	FY 2023-24
	Approved	Actual	Approved	Actual	Approved	Actual	Approved	Approved
EWEDC	5.12	4.27	4.87	3.87	4.73	-	4.67	5.10
UT level	5.12	4.27	4.87	3.87	4.73	-	4.67	5.10

Note: Approved values as per Tariff Order & Actuals as per True up Order | includes outside the state sale



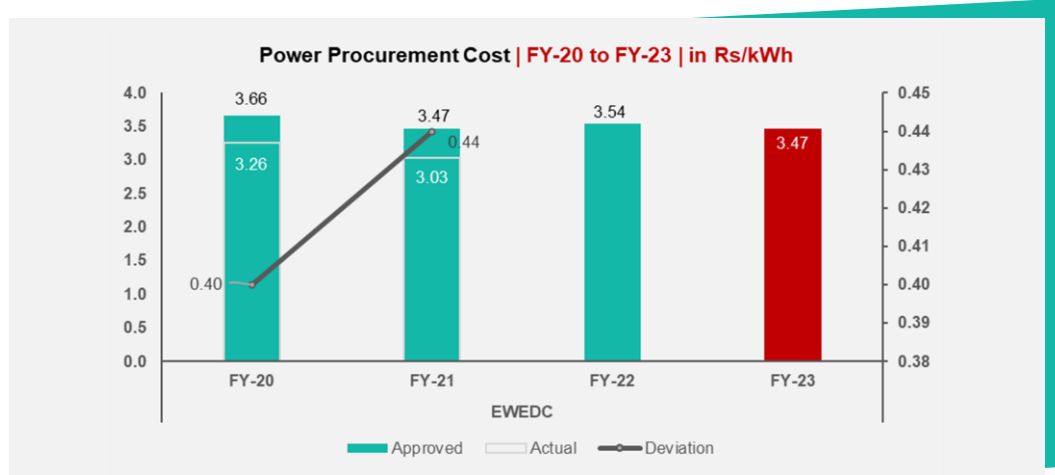
3. (c) Power Procurement Cost

The Power Procurement cost as approved by the State Commission in tariff order vs actual as per the approved true up of FY 2019-20 to FY 2021-22 is provided as below:

(in Rs./ kWh)

Description	FY 2019-20		FY 2020-21		FY 2021-22		FY 2022-23
	Approved	Actual	Approved	Actual	Approved	Actual	Approved
EWEDC	3.66	3.26	3.47	3.03	3.54	-	3.47
UT level	3.66	3.26	3.47	3.03	3.54	-	3.47

Note: Approved values as per Tariff Order & Actuals as per True up Order | Excludes Transmission charges



3. (d) Expenses and Revenue

The difference in total expenses and revenues, as per filing in the tariff petition and the figures approved in tariff order by JERC for FY 2023-24, are given below:

(in Rs. Cr.)

Sr. No.	Particulars	Tariff Petition (I)	Tariff Order (II)	Disallowance (III= I-II)
1	Power Purchase Expenses*	899	746	153
2	O&M Expenses	119	119	(0)
a)	Employee Expenses	94	94	(0)
b)	R&M Expenses	7	7	0
c)	A&G Expenses	18	18	(0)
3	Depreciation	20	13	7
4	Interest and Finance Charges	3	4	(1)
5	Interest on Security Deposit	7	7	0
6	Return on Equity	26	26	0

Sr. No.	Particulars	Tariff Petition (I)	Tariff Order (II)	Disallowance (III= I-II)
7	Other Debits	10	-	10
8	Income Tax	-	-	0
9	Total Revenue Requirement	1,084	915	169
10	Less: Non-Tariff Income	52	25	27
11	Net Revenue Requirement	1,032	890	142
12	Total Revenue ^s	832	853	(21)
13	Standalone Revenue Gap for FY 2023-24	200	37	164

Note: ^s at approved tariff | *including Interstate transmission charges

4. Cumulative Revenue Gap/ Surplus

(in Rs. Cr.)

Description	EWEDC
Closing Revenue Surplus till FY 2022-23	213
Standalone Revenue Gap for FY 2023-24	37
Closing Surplus for FY 2023-24	176
Average Surplus	192
Carrying Cost for FY 2023-24 @8.00% RoI	16
Total Revenue Surplus approved for FY 2023-24	192

5. Summary of Compliances

Sr. No.	Description	Status	Summary
1.	Tariff Order Issuance - Timeliness		
a)	Generation – Tariff Order	NA	Latest Tariff Order: FY 2023-24
b)	Transmission – Tariff Order	NA	Latest True up Order: FY 2020-21
c)	Distribution – Tariff Order	√	Approved Tariff Hike: Nil
d)	Distribution – True up Order	X	New Regulatory Asset: Nil
2.	Creation of New Regulatory Assets	√	Proposed Liquidation Plan: NA
3.	Cross subsidy within ±20% of ACoS – LT Industrial Category	√	
4.	Cross subsidy within ±20% of ACoS – HT Industrial Category	√	

Note: Complied (√) | Not Complied (X)



1. Tariff Order Issuance Timelines

1.1. Tariff Order (Generation) - CSPGCL

Key Dates	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24
Filing of Tariff Petition	31-Dec-18	30-Dec-19	12-Jan-21	28-Dec-21	15-Dec-22
Tariff Issuance	28-Feb-19	30-May-20	02-Aug-21	13-Apr-22	28-Mar-23
Tariff Applicability	01-Apr-19	01-Jun-20	01-Aug-21	01-Apr-22	01-Apr-23
Disposal (in Days)	59	152	202	106	103



1.2. Tariff Order (Transmission) - CSPTCL

Key Dates	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24
Filing of Tariff Petition	31-Dec-18	28-Dec-19	06-Jan-21	31-Dec-21	30-Nov-22
Tariff Issuance	28-Feb-19	30-May-20	02-Aug-21	13-Apr-22	28-Mar-23
Tariff Applicability	01-Apr-19	01-Jun-20	01-Aug-21	01-Apr-22	01-Apr-23
Disposal (in Days)	59	154	208	103	118



1.3. (a) Tariff Order (Distribution) - CSPDCL

Key dates	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24
Filing of Tariff Petition	01-Dec-18	09-Jan-20	04-Jan-21	21-Dec-21	28-Nov-22
Tariff Issuance	28-Feb-19	30-May-20	02-Aug-21	13-Apr-22	28-Mar-23
Tariff Applicability	01-Apr-19	01-Jun-20	01-Aug-21	01-Apr-22	01-Apr-23
Disposal (in Days)	89	142	210	113	120

1.3. (b) True up Order (Distribution) - CSPDCL

Key Dates	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
Filing of Tariff Petition	04-Jan-21	04-Jan-21	21-Dec-21	28-Nov-22
True up Issuance	02-Aug-21	02-Aug-21	13-Apr-22	28-Mar-23
Disposal (in Days)	210	210	113	120

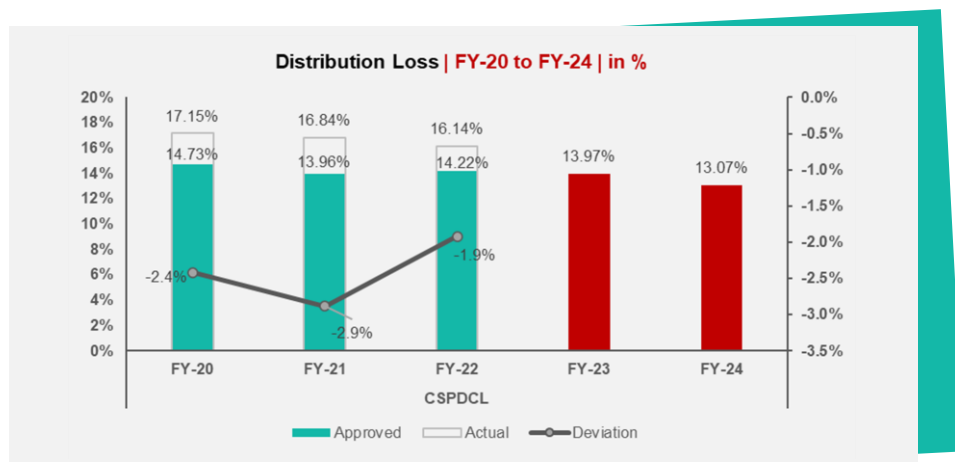
2. Distribution Loss

The Approved and Actual distribution loss for FY 2019-20 to FY 2021-22 and approved distribution loss for FY 2022-23 and FY 2023-24 are as below:

(in %)

Description	FY 2019-20		FY 2020-21		FY 2021-22		FY 2022-23	FY 2023-24
	Approved	Actual	Approved	Actual	Approved	Actual	Approved	Approved
CSPDCL	14.73	17.15	13.96	16.84	14.22	16.14	13.97	13.07
State level	14.73	17.15	13.96	16.84	14.22	16.14	13.97	13.07

Note: Approved values as per Tariff Order & Actuals as per DISCOM filed in the True up Order



3. Cost Reflective Tariff

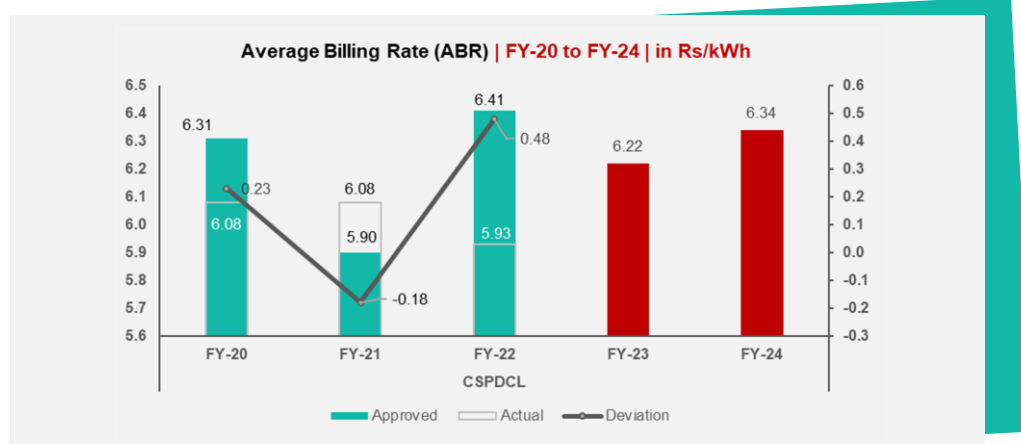
3. (a) Average Billing Rate (ABR)

The Approved and Actual ABR as per the tariff order for FY 2019-20 to FY 2021-22 along with approved ABR for FY 2022-23 and FY 2023-24 is provided as below:

(in Rs./ kWh)

Description	FY 2019-20		FY 2020-21		FY 2021-22		FY 2022-23	FY 2023-24
	Approved	Actual	Approved	Actual	Approved	Actual	Approved	Approved
CSPDCL	6.31	6.08	5.90	6.08	6.41	5.93	6.22	6.34
State level	6.31	6.08	5.90	6.08	6.41	5.93	6.22	6.34

Note: Approved values as per Tariff Order & Actuals as per True up Order | Operating order for FY 2023-24 issued



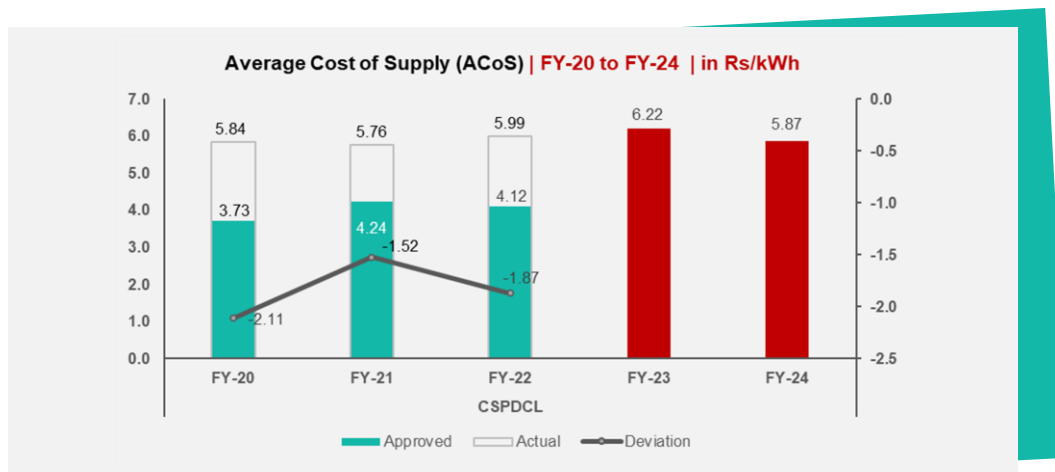
3. (b) Average Cost of Supply (ACoS)

The Approved and Actual ACoS as per the tariff order for FY 2019-20 to FY 2021-22 along with approved ACoS for FY 2022-23 and FY 2023-24 is provided as below:

(in Rs./ kWh)

Description	FY 2019-20		FY 2020-21		FY 2021-22		FY 2022-23	FY 2023-24
	Approved	Actual	Approved	Actual	Approved	Actual	Approved	Approved
CSPDCL	3.73	5.84	4.24	5.76	4.12	5.99	6.22	5.87
State level	3.73	5.84	4.24	5.76	4.12	5.99	6.22	5.87

Note: Approved values as per Tariff Order & Actuals as per True up Order | includes outside the state sale | For FY 2022-23 excludes interstate sale



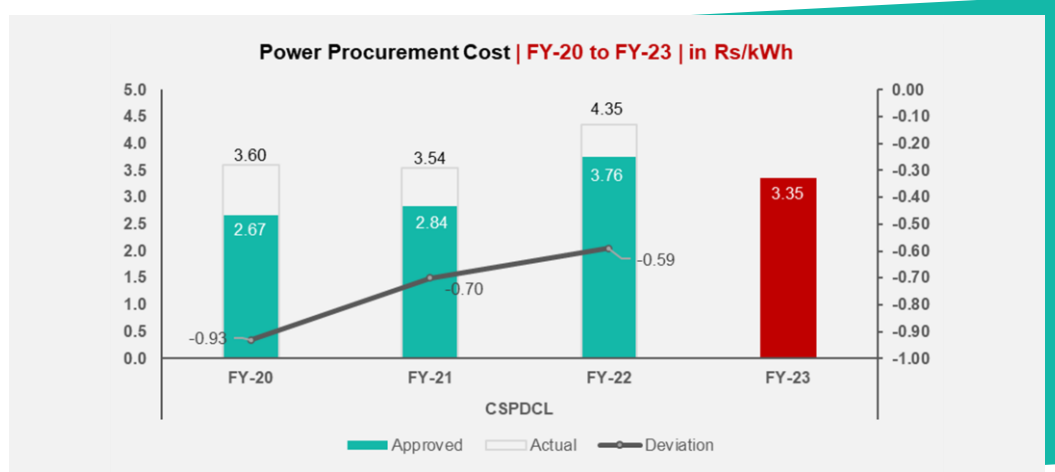
3. (c) Power Procurement Cost

The Power Procurement cost as approved by the State Commission in tariff order vs actual as per the approved true up of FY 2019-20 to FY 2021-22 is provided as below:

(in Rs./ kWh)

Description	FY 2019-20		FY 2020-21		FY 2021-22		FY 2022-23
	Approved	Actual	Approved	Actual	Approved	Actual	Approved
CSPDCL	2.67	3.60	2.84	3.54	3.76	4.35	3.35
State level	2.67	3.60	2.84	3.54	3.76	4.35	3.35

Note: Approved values as per Tariff Order & Actuals as per True up Order | Excludes Transmission charges



3. (d) Expenses and Revenue

The difference in total expenses and revenues, as per filing in the tariff petition and the figures approved in tariff order by CSERC for FY 2023-24, are given below:

(in Rs. Cr.)

Sr. No.	Particulars	Tariff Petition (I)	Tariff Order (II)	Disallowance (III= I-II)
1	Power Purchase Expenses*	15,179	15,822	(643)
a)	Power Purchase Cost	13,279	13,922	(643)
b)	Inter-State Transmission charge	725	725	0
c)	Intra-State Transmission Charges	1,156	1,156	0
d)	CSLDC Charges	20	20	0
2	Operation & Maintenance Expenses	2,448	2,431	17
a)	Net Employee Expenses	1,317	1,308	9
b)	Net A&G Expenses	93	92	1
c)	Net R&M charges	269	262	7

Sr. No.	Particulars	Tariff Petition (I)	Tariff Order (II)	Disallowance (III= I-II)
d)	Pension & Gratuity	768	768	0
3	Interest & Finance Expenses	534	285	249
a)	Interest on Loan	360	150	211
b)	Interest on Working Capital Requirement	173	135	38
4	Other Expenses	984	657	327
a)	Depreciation	532	297	235
b)	Return on Equity	453	361	92
5	Less: Non-Tariff Income	204	185	19
6	Impact of APTEL Judgement	136	96	39
7	Less: Revenue from Sale of Surplus Power	3,495	1,878	1,618
8	Aggregate Revenue Requirement for FY 2022-23	15,581	17,228	(1,647)
9	Standalone Revenue Gap/(Surplus)	(3,763)	(1,804)	(1,959)
10	Total Past Revenue Gap	6,135	4,729	1,406
11	Total Revenue	19,344	19,429	(84)
12	Cumulative Revenue Gap up to FY 2023-24	2,372	2,925	(553)

Note: \$ at approved tariff | *including Interstate transmission charges

4. Cumulative Revenue Gap/ Surplus

(in Rs. Cr.)

Description	CSPDCL
Total Past Revenue Gap upto FY 2022-23	4,729
Standalone Revenue Surplus for FY 2023-24	1,804
Cumulative Revenue Gap	2,925
Revenue Gap to be met through Tariff Hike	397
Total Revenue Gap approved for FY 2023-24	2,528

5. Summary of Compliances

Sr. No.	Description	Status	Summary
1.	Tariff Order Issuance - Timeliness	√	Summary Latest Tariff Order: FY 2023-24 Latest True up Order: FY 2021-22 Approved Tariff Hike: NA New Regulatory Asset: Nil Proposed Liquidation Plan: No
a)	Generation – Tariff Order	√	
b)	Transmission – Tariff Order	√	
c)	Distribution – Tariff Order	√	
d)	Distribution – True up Order	√	
2.	Creation of New Regulatory Assets	√	
3.	Cross subsidy within ±20% of ACoS – LT Industrial Category	√	
4.	Cross subsidy within ±20% of ACoS – HT Industrial Category	√	
Note: Complied (√) Not Complied (X)			



1. Tariff Order Issuance Timelines

1.1. Tariff Order (Generation) - DNHPDCL[#]

Key Dates	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24
Filing of Tariff Petition	NA	NA	NA	NA	NA
Tariff Issuance	NA	NA	NA	NA	NA
Tariff Applicability	NA	NA	NA	NA	NA
Disposal (in Days)	NA	NA	NA	NA	NA

Note: UT exempted from issuance of tariff order.

1.2. Tariff Order (Transmission) – DNH & DD and ED (Transmission Division)



Key Dates	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24
Filing of Tariff Petition	07-Dec-18	12-Dec-19	18-Dec-20	30-Nov-21	05-Dec-22
Tariff Issuance	20-May-19	19-May-20	23-Mar-21	31-Mar-22	30-Mar-23
Tariff Applicability	01-Jun-19	01-Jun-20	01-Apr-21	01-Apr-22	01-Apr-23
Disposal (in Days)	164	159	95	121	115

1.3. (a) Tariff Order (Distribution) - DNHPDCL



Key dates	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24
Filing of Tariff Petition	30-Nov-18	30-Nov-19	01-Dec-20	24-Dec-21	05-Dec-22
Tariff Issuance	20-May-19	18-May-20	23-Mar-21	31-Mar-22	-
Tariff Applicability	01-Jun-19	01-Jun-20	01-Apr-21	01-Apr-22	-
Disposal (in Days)	171	171	112	97	-

1.3. (b) True up Order (Distribution) - DNHPDCL

Key Dates	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
Filing of Tariff Petition	30-Nov-19	01-Dec-21	24-Dec-21	05-Dec-22
True up Issuance	18-May-20	23-Mar-21	31-Mar-22	-
Disposal (in Days)	171	112	97	-

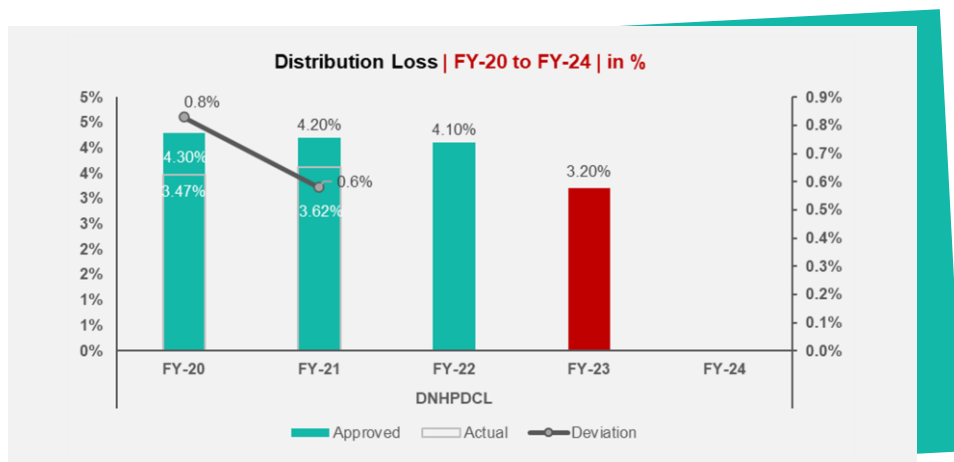
2. Distribution Loss

The Approved and Actual distribution loss for FY 2019-20 to FY 2021-22 and approved distribution loss for FY 2022-23 and FY 2023-24 are as below:

(in %)

Description	FY 2019-20		FY 2020-21		FY 2021-22		FY 2022-23	FY 2023-24
	Approved	Actual	Approved	Actual	Approved	Actual	Approved	Approved
DNHPDCL	4.30	3.47	4.20	3.62	4.10	-	3.20	-
UT level	4.30	3.47	4.20	3.62	4.10	-	3.20	-

Note: Approved values as per Tariff Order & Actuals as per DISCOM filed in the True up Order | includes transmission loss



3. Cost Reflective Tariff

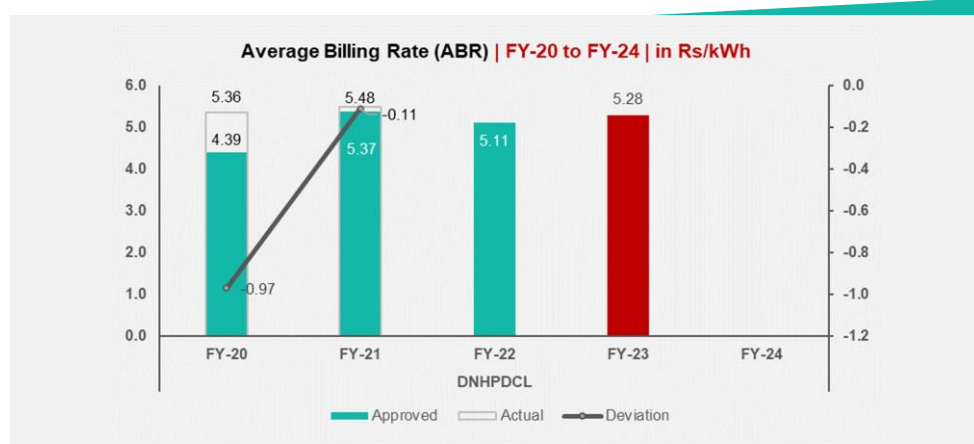
3. (a) Average Billing Rate (ABR)

The Approved and Actual ABR as per the tariff order for FY 2019-20 to FY 2021-22 along with approved ABR for FY 2022-23 and FY 2023-24 is provided as below:

(in Rs./ kWh)

Description	FY 2019-20		FY 2020-21		FY 2021-22		FY 2022-23	FY 2023-24
	Approved	Actual	Approved	Actual	Approved	Actual	Approved	Approved
DNHPDCL	4.39	5.36	5.37	5.48	5.11	-	5.28	-
UT level	4.39	5.36	5.37	5.48	5.11	-	5.28	-

Note: Approved values as per Tariff Order & Actuals as per True up Order



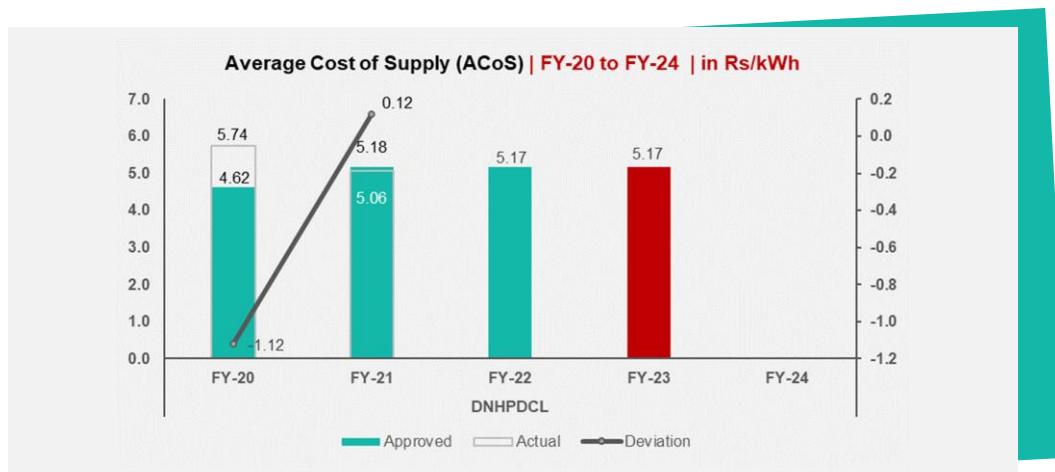
3. (b) Average Cost of Supply (ACoS)

The Approved and Actual ACoS as per the tariff order for FY 2019-20 to FY 2021-22 along with approved ACoS for FY 2022-23 and FY 2023-24 is provided as below:

(in Rs./ kWh)

Description	FY 2019-20		FY 2020-21		FY 2021-22		FY 2022-23	FY 2023-24
	Approved	Actual	Approved	Actual	Approved	Actual	Approved	Approved
DNHPDCL	4.62	5.74	5.18	5.06	5.17	-	5.17	-
UT level	4.62	5.74	5.18	5.06	5.17	-	5.17	-

Note: Approved values as per Tariff Order & Actuals as per True up Order | includes outside the state sale



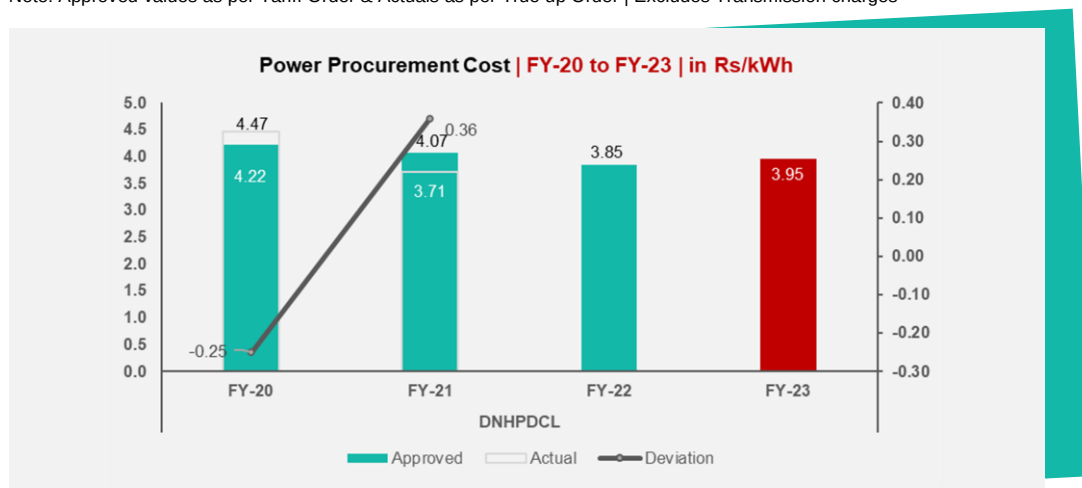
3. (c) Power Procurement Cost

The Power Procurement cost as approved by the State Commission in tariff order vs actual as per the approved true up of FY 2019-20 to FY 2021-22 is provided as below:

(in Rs./ kWh)

Description	FY 2019-20		FY 2020-21		FY 2021-22		FY 2022-23
	Approved	Actual	Approved	Actual	Approved	Actual	Approved
DNHPDCL	4.22	4.47	4.07	3.71	3.85	-	3.95
UT level	4.22	4.47	4.07	3.71	3.85	-	3.95

Note: Approved values as per Tariff Order & Actuals as per True up Order | Excludes Transmission charges



3. (d) Expenses and Revenue

The difference in total expenses and revenues, as per filing in the tariff petition and the figures approved in tariff order by JERC for FY 2023-24, are given below:

(in Rs. Cr.)

Sr. No.	Particulars	Tariff Petition (I)	Tariff Order (II)	Disallowance (III= I-II)
1	Power Purchase Cost	3,400	3,448	(48)
2	O&M Expense	49	41	8
3	Depreciation	23	21	2
4	Interest Cost on Long-term Capital Loans	8	8	1
5	Interest on Working Capital Loans	20	21	(1)
6	Return on Equity	30	25	6
7	Interest on security deposit	3	3	0
8	Income Tax	20	20	0
9	Total Revenue Requirement	3,554	3,587	(33)

Sr. No.	Particulars	Tariff Petition (I)	Tariff Order (II)	Disallowance (III= I-II)
10	Less: Non-Tariff Income	6	6	0
11	Annual Revenue Requirement	3,548	3,581	(33)
12	Total Revenue at existing Tariff	3,441	3,531	(90)
13	Cumulative Revenue Gap till FY 2022-23	223	121	101
14	Additional Revenue ^s		123	
15	Revenue Gap/ (Surplus) till FY 2022-23		(1.86)	

Note: ^s at approved tariff post revision | *including Interstate transmission charges

4. Cumulative Revenue Gap/ Surplus

(in Rs. Cr.)

Description	DNHPDCL
Annual Revenue Requirement	3,581
Revenue at existing tariff	3,531
Revenue Gap for FY 2022-23	50
Cumulative Revenue Gap for FY 2022-23	121
Additional Revenue at revised tariff	123
Total Revenue Surplus approved till FY 2022-23	1.86

5. Summary of Compliances

Sr. No.	Description	Status
1.	Tariff Order Issuance - Timeliness	
a)	Generation – Tariff Order	NA
b)	Transmission – Tariff Order	√
c)	Distribution – Tariff Order	X
d)	Distribution – True up Order	X
2.	Creation of New Regulatory Assets	√
3.	Cross subsidy within ±20% of ACoS – LT Industrial Category	√
4.	Cross subsidy within ±20% of ACoS – HT Industrial Category	√

Note: Complied (√) | Not Complied (X)

Summary

Latest Tariff Order: FY 2022-23

Latest True up Order: FY 2020-21

Approved Tariff Hike: 3.49%

New Regulatory Asset: Nil

Proposed Liquidation Plan: NA



1. Tariff Order Issuance Timelines

1.1. Tariff Order (Generation)[#] – ED (D&D)

Key Dates	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24
Filing of Tariff Petition	NA	NA	NA	NA	NA
Tariff Issuance	NA	NA	NA	NA	NA
Tariff Applicability	NA	NA	NA	NA	NA
Disposal (in Days)	NA	NA	NA	NA	NA

Note: UT exempted from issuance of tariff order.

1.2. Tariff Order (Transmission) – DNH & DD and ED (Transmission Division)



Key Dates	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24
Filing of Tariff Petition	07-Dec-18	12-Dec-19	18-Dec-20	30-Nov-21	05-Dec-22
Tariff Issuance	20-May-19	19-May-20	23-Mar-21	31-Mar-22	30-Mar-23
Tariff Applicability	01-Jun-19	01-Jun-20	01-Apr-21	01-Apr-22	01-Apr-23
Disposal (in Days)	164	159	95	121	115

Note: UT exempted from issuance of tariff order.

1.3. (a) Tariff Order (Distribution) - ED (D&D)



Key dates	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24
Filing of Tariff Petition	30-Nov-18	30-Nov-19	01-Dec-20	22-Dec-21	01-Dec-22
Tariff Issuance	20-May-19	18-May-20	23-Mar-21	31-Mar-22	-
Tariff Applicability	01-Jun-19	01-Jun-20	01-Apr-21	01-Apr-22	-
Disposal (in Days)	171	170	112	99	-

1.3. (b) True up Order (Distribution) - ED (D&D)

Key Dates	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
Filing of Tariff Petition	30-Nov-19	01-Dec-20	22-Dec-21	01-Dec-22
True up Issuance	18-May-20	23-Mar-21	31-Mar-22	-
Disposal (in Days)	170	112	97	-

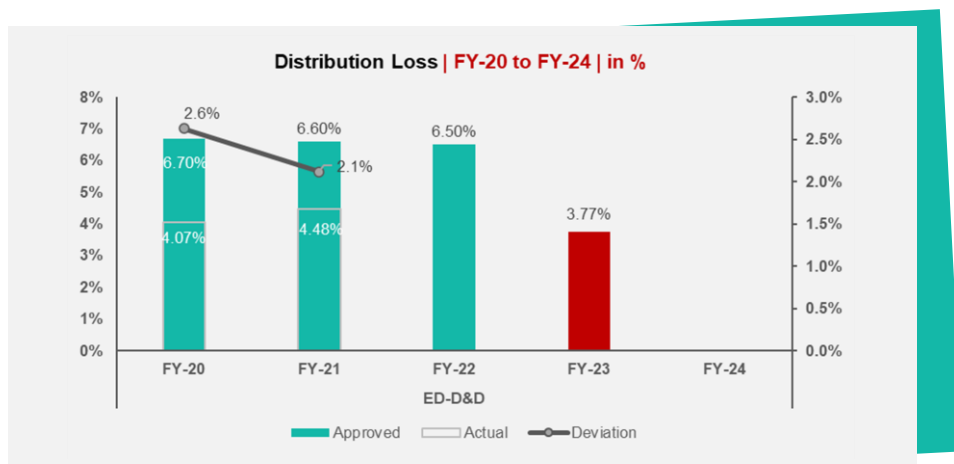
2. Distribution Loss

The Approved and Actual distribution loss for FY 2019-20 to FY 2021-22 and approved distribution loss for FY 2022-23 and FY 2023-24 are as below:

(in %)

Description	FY 2019-20		FY 2020-21		FY 2021-22		FY 2022-23	FY 2023-24
	Approved	Actual	Approved	Actual	Approved	Actual	Approved	Approved
ED-D&D	6.70	4.07	6.60	4.48	6.50	-	3.77	-
UT level	6.70	4.07	6.60	4.48	6.50	-	3.77	-

Note: Approved values as per Tariff Order & Actuals as per DISCOM filed in the True up Order | includes transmission loss



3. Cost Reflective Tariff

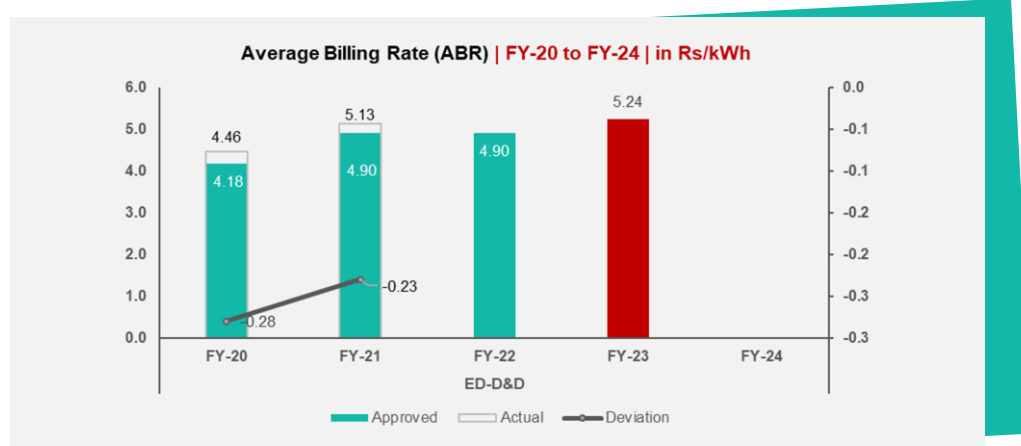
3. (a) Average Billing Rate (ABR)

The Approved and Actual ABR as per the tariff order for FY 2019-20 to FY 2021-22 along with approved ABR for FY 2022-23 and FY 2023-24 is provided as below:

(in Rs./ kWh)

Description	FY 2019-20		FY 2020-21		FY 2021-22		FY 2022-23	FY 2023-24
	Approved	Actual	Approved	Actual	Approved	Actual	Approved	Approved
ED-D&D	4.18	4.46	4.90	5.13	4.90	-	5.24	-
UT level	4.18	4.46	4.90	5.13	4.90	-	5.24	-

Note: Approved values as per Tariff Order & Actuals as per True up Order



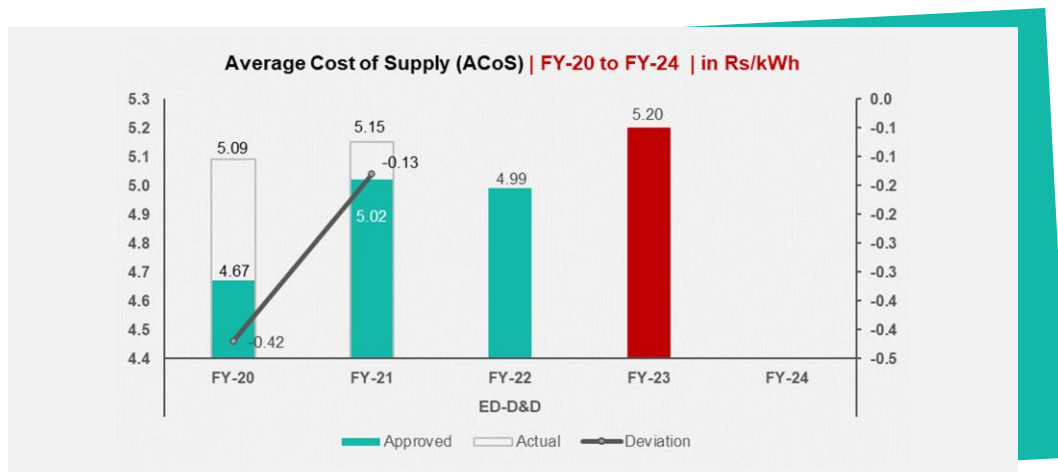
3. (b) Average Cost of Supply (ACoS)

The Approved and Actual ACoS as per the tariff order for FY 2019-20 to FY 2021-22 along with approved ACoS for FY 2022-23 and FY 2023-24 is provided as below:

(in Rs./ kWh)

Description	FY 2019-20		FY 2020-21		FY 2021-22		FY 2022-23	FY 2023-24
	Approved	Actual	Approved	Actual	Approved	Actual	Approved	Approved
ED-D&D	4.67	5.09	5.02	5.15	4.99	-	5.20	-
UT level	4.67	5.09	5.02	5.15	4.99	-	5.20	-

Note: Approved values as per Tariff Order & Actuals as per True up Order | excludes outside the state sale



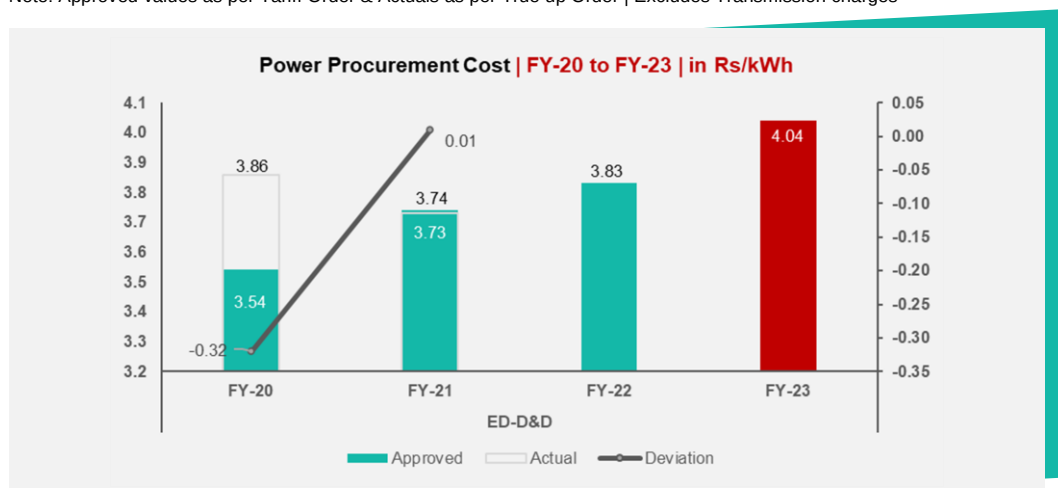
3. (c) Power Procurement Cost

The Power Procurement cost as approved by the State Commission in tariff order vs actual as per the approved true up of FY 2019-20 to FY 2021-22 is provided as below:

(in Rs./ kWh)

Description	FY 2019-20		FY 2020-21		FY 2021-22		FY 2022-23
	Approved	Actual	Approved	Actual	Approved	Actual	Approved
ED-D&D	3.54	3.86	3.74	3.73	3.83	-	4.04
UT level	3.54	3.86	3.74	3.73	3.83	-	4.04

Note: Approved values as per Tariff Order & Actuals as per True up Order | Excludes Transmission charges



3. (d) Expenses and Revenue

The difference in total expenses and revenues, as per filing in the tariff petition and the figures approved in tariff order by JERC for FY 2023-24, are given below:

(in Rs. Cr.)

Sr. No.	Particulars	Tariff Petition (I)	Tariff Order (II)	Disallowance (III= I-II)
1	Power Purchase Cost*	1,226	1,254	(28)
2	O&M Expense	49	45	5
3	Depreciation	23	19	4
4	Interest and Finance charges	7	5	3
5	Interest on Working Capital	2	1	0
6	Return on Equity	15	12	3
7	Interest on security deposit	4	4	0
8	Total Revenue Requirement	1,326	1,339	(12)
9	Less: Non-Tariff Income	7	7	0

Sr. No.	Particulars	Tariff Petition (I)	Tariff Order (II)	Disallowance (III= I-II)
10	Annual Revenue Requirement	1,320	1,332	(12)
11	Standalone Revenue Gap for FY 2022-23	59	73	(14)
12	Total Revenue at existing Tariff	1,261	1,260	1
13	Cumulative Revenue Gap till FY 2022-23	98	139	(41)
14	Revenue from Regulatory Surcharge		59	
15	Additional Revenue ^s		83	
15	Revenue Gap/ Surplus till FY 2022-23		(2.69)	

Note: ^s at approved tariff with revised tariff | *including transmission charges

4. Cumulative Revenue Gap/ Surplus

(in Rs. Cr.)

Description	DNHPDCL
Annual Revenue Requirement	1,332
Revenue at existing tariff	1,260
Revenue Gap for FY 2022-23	73
Cumulative Revenue Gap till FY 2022-23	139
Revenue from Regulatory Surcharge	59
Additional Revenue at revised tariff	83
Total Revenue Surplus approved till FY 2022-23	2.69

5. Summary of Compliances

Sr. No.	Description	Status
1.	Tariff Order Issuance - Timeliness	
a)	Generation – Tariff Order	NA
b)	Transmission – Tariff Order	NA
c)	Distribution – Tariff Order	X
d)	Distribution – True up Order	X
2.	Creation of New Regulatory Assets	√
3.	Cross subsidy within ±20% of ACoS – LT Industrial Category	√
4.	Cross subsidy within ±20% of ACoS – HT Industrial Category	√

Note: Complied (√) | Not Complied (X)

Summary

Latest Tariff Order: FY 2022-23

Latest True up Order: FY 2020-21

Approved Tariff Hike: 6.58%

New Regulatory Asset: Nil

Proposed Liquidation Plan: NA

1. Tariff Order Issuance Timelines



1.1. Tariff Order (Generation) – IPGCL and PPCL

Key Dates	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24
Filing of Tariff Petition	26-Dec-18	03-Feb-20	20-Jan-21	31-Dec-21	-
Tariff Issuance	31-Jul-19	28-Aug-20	30-Sep-21	-	-
Tariff Applicability	01-Aug-19	01-Sep-20	01-Oct-21	-	-
Disposal (in Days)	217	207	253	-	-



1.2. Tariff Order (Transmission) - DTL

Key Dates	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24
Filing of Tariff Petition	25-Jan-19	13-Feb-20	19-Jan-21	31-Jan-22	-
Tariff Issuance	31-Jul-19	28-Aug-20	30-Sep-21	-	-
Tariff Applicability	01-Aug-19	01-Sep-20	01-Oct-21	-	-
Disposal (in Days)	187	197	254	-	-



1.3. (a) Tariff Order (Distribution) – BRPL/ BYPL/ TPDDL

Key dates	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24
Filing of Tariff Petition	30-Nov-18	14-Feb-20	22-Dec-20	31-Dec-21	-
Tariff Issuance	31-Jul-19	28-Aug-20	30-Sep-21	-	-
Tariff Applicability	01-Aug-19	01-Sep-20	01-Oct-21	-	-
Disposal (in Days)	243	196	282	-	-

1.3. (b) True up Order (Distribution) – BRPL/ BYPL/ TPDDL

Key Dates	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
Filing of Tariff Petition	23-Dec-19	22-Dec-20	31-Dec-21	-
True up Issuance	28-Aug-20	30-Sep-21	-	-
Disposal (in Days)	249	282	-	-

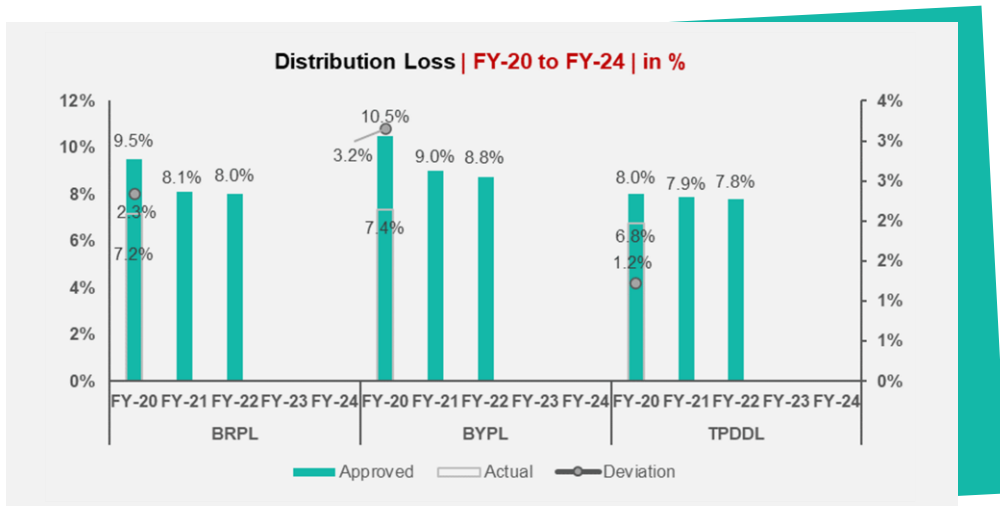
2. Distribution Loss

The Approved and Actual distribution loss for FY 2019-20 to FY 2021-22 and approved distribution loss for FY 2022-23 and FY 2023-24 are as below:

(in %)

Description	FY 2019-20		FY 2020-21		FY 2021-22		FY 2022-23	FY 2023-24
	Approved	Actual	Approved	Actual	Approved	Actual	Approved	Approved
BRPL	9.5	7.2	8.1	-	8.0	-	-	-
BYPL	10.5	7.4	9.0	-	8.8	-	-	-
TPDDL	8.0	6.8	7.9	-	7.8	-	-	-
State level	9.24	7.08	8.25	-	8.11	-	-	-

Note: Approved values as per Tariff Order & Actuals as per DISCOM filed in the True up Order



3. Cost Reflective Tariff

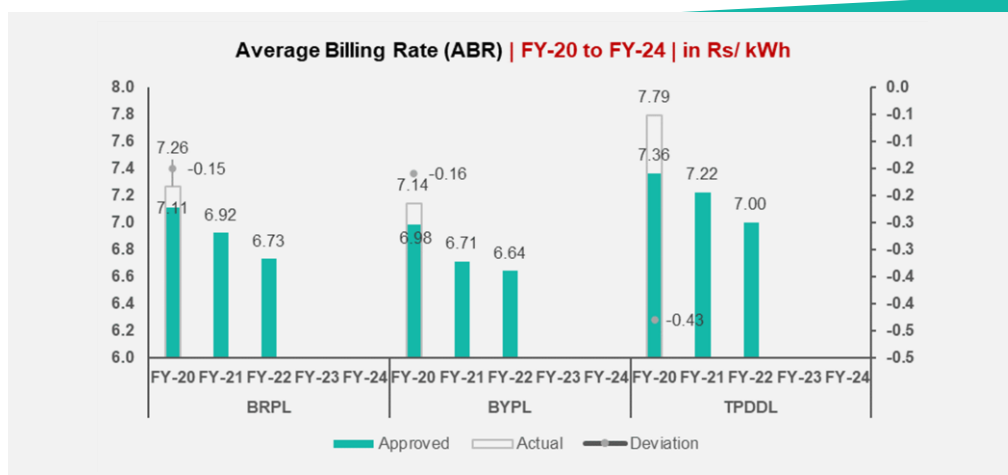
3. (a) Average Billing Rate (ABR)

The Approved and Actual ABR as per the tariff order of MP DISCOMs for FY 2019-20 to FY 2021-22 along with approved ABR for FY 2022-23 and FY 2023-24 is provided as below:

(in Rs./ kWh)

Description	FY 2019-20		FY 2020-21		FY 2021-22		FY 2022-23	FY 2023-24
	Approved	Actual	Approved	Actual	Approved	Actual	Approved	Approved
BRPL	7.11	7.26	6.92	-	6.73	-	-	-
BYPL	6.98	7.14	6.71	-	6.64	-	-	-
TPDDL	7.38	7.79	7.22	-	7.00	-	-	-
State level	7.16	7.40	6.97	-	6.80	-	-	-

Note: Approved values as per Tariff Order & Actuals as per True up Order



3. (b) Average Cost of Supply (ACoS)

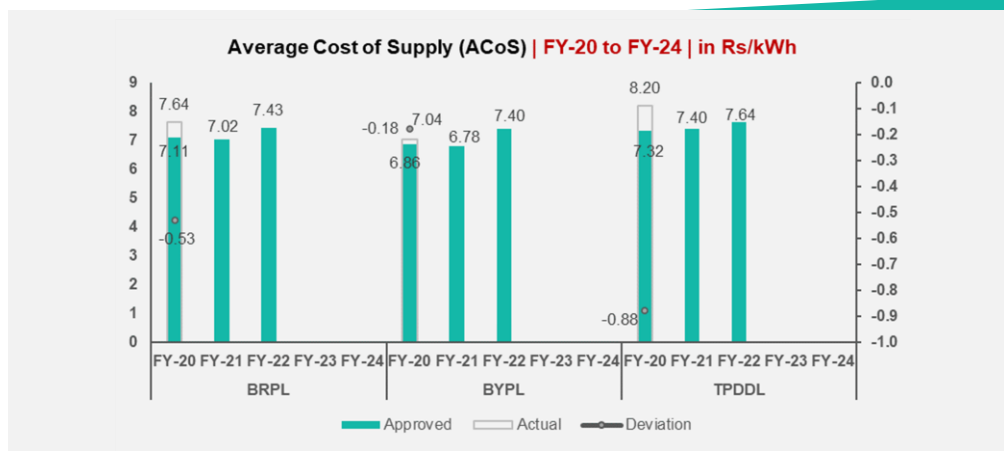
The Approved and Actual ACoS as per the tariff order for FY 2019-20 to FY 2021-22 along with approved ACoS for FY 2022-23 and FY 2023-24 is provided as below:

(in Rs./ kWh)

Description	FY 2019-20		FY 2020-21		FY 2021-22		FY 2022-23	FY 2023-24
	Approved	Actual	Approved	Actual	Approved	Actual	Approved	Approved
BRPL	7.11	7.64	7.02	-	7.43	-	-	-

Description	FY 2019-20		FY 2020-21		FY 2021-22		FY 2022-23	FY 2023-24
	Approved	Actual	Approved	Actual	Approved	Actual	Approved	Approved
BYPL	6.86	7.04	6.78	-	7.40	-	-	-
TPDDL	7.32	8.20	7.40	-	7.64	-	-	-
State level	7.12	7.68	7.09	-	7.49	-	-	-

Note: Approved values as per Tariff Order & Actuals as per True up Order | excludes outside the state sale

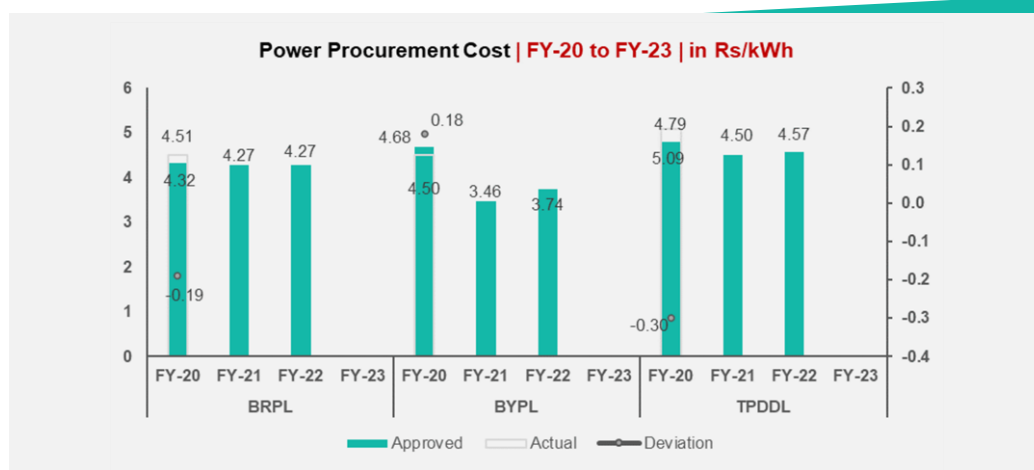


3. (c) Power Procurement Cost

The Power Procurement cost as approved by the State Commission in tariff order vs actual as per the approved true up of FY 2019-20 to FY 2021-22 is provided as below:

Description	FY 2019-20		FY 2020-21		FY 2021-22		FY 2022-23
	Approved	Actual	Approved	Actual	Approved	Actual	Approved
BRPL	4.32	4.51	4.27	-	4.27	-	-
BYPL	4.68	4.50	3.46	-	3.74	-	-
TPDDL	4.79	5.09	4.50	-	4.57	-	-
State level	4.33	4.74	4.15	-	4.24	-	-

Note: Approved values as per Tariff Order & Actuals as per True up Order | Excludes Transmission charges



3. (d) Expenses and Revenue

The difference in total expenses and revenues, as per filing in the tariff petition and the figures approved in tariff order by DERC for FY 2021-22, are given below:

(in Rs. Cr.)

Sr. No.	Particulars	BRPL			BYPL			TPDDL			State		
		Tariff Petition (I)	Tariff Order (II)	Disallowance (III= I-II)	Tariff Petition (I)	Tariff Order (II)	Disallowance (III= I-II)	Tariff Petition (I)	Tariff Order (II)	Disallowance (III= I-II)	Tariff Petition (I)	Tariff Order (II)	Disallowance (III= I-II)
1	Power Purchase Expenses*	7,372	6,966	406	3,624	3,314	310	6,305	5,542	763	17,301	15,823	1,478
2	O&M expenses	1,240	1,201	39	1,075	773	302	899	820	78	3,214	2,794	420
3	Other expenses/ statutory levies	374	0	374	0	0	0	0	0	0	374	0	374
4	Depreciation	355	297	58	212	181	31	276	279	(2)	843	757	87
5	Return on Capital Employed	844	576	268	454	290	164	516	421	94	1,814	1,288	525
6	Less- Non Tariff Income	129	226	(97)	72	97	(25)	85	123	(38)	286	446	(159)
7	Aggregate Revenue Requirement	10,055	8,815	508	5,294	4,461	272	7,910	6,939	1,995	23,259	20,215	2,776
8	Carrying Cost	0	366	(366)	0	280	(280)	605	92	512	605	739	(134)
9	Net Aggregate Revenue Requirement	10,055	9,181	874	5,294	4,742	552	8,515	7,032	1,483	23,864	20,954	2,910

Note: *including Transmission charges

4. Cumulative Revenue Gap/ Surplus

(in Rs. Cr.)

Description	BRPL	BYPL	TPDDL	State
Revenue Gap till FY 2019-20	4,189	3,111	1,763	9,063
Revenue Surplus for FY 2021-22	18	12	25	55
Total Revenue Gap upto FY 2021-22	4,171	3,099	1,738	9,008

5. Summary of Compliances

Sr. No.	Description	Status	Summary
1.	Tariff Order Issuance - Timeliness		
a)	Generation – Tariff Order	X	
b)	Transmission – Tariff Order	X	
c)	Distribution – Tariff Order	X	
d)	Distribution – True up Order	X	
2.	Creation of New Regulatory Assets	Nil	
3.	Cross subsidy within $\pm 20\%$ of ACoS – LT Industrial Category	NA	
4.	Cross subsidy within $\pm 20\%$ of ACoS – HT Industrial Category	X	

Note: Complied (✓) | Not Complied (X)

Summary

Latest Tariff Order: FY 2021-22

Latest True up Order: FY 2019-20

Approved Tariff Hike: Nil

New Regulatory Asset: Nil

Proposed Liquidation Plan: NA



1. Tariff Order Issuance Timelines

1.1. Tariff Order (Generation)[#] – ED (Goa)

Key Dates	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24
Filing of Tariff Petition	NA	NA	NA	NA	NA
Tariff Issuance	NA	NA	NA	NA	NA
Tariff Applicability	NA	NA	NA	NA	NA
Disposal (in Days)	NA	NA	NA	NA	NA

Note: UT exempted from issuance of tariff order.



1.2. Tariff Order (Transmission)[#] - ED (Goa)

Key Dates	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24
Filing of Tariff Petition	NA	NA	NA	NA	NA
Tariff Issuance	NA	NA	NA	NA	NA
Tariff Applicability	NA	NA	NA	NA	NA
Disposal (in Days)	NA	NA	NA	NA	NA

Note: UT exempted from issuance of tariff order.



1.3. (a) Tariff Order (Distribution) - ED (Goa)

Key dates	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24
Filing of Tariff Petition	30-Nov-18	29-Nov-19	30-Nov-20	30-Nov-21	30-Nov-22
Tariff Issuance	20-May-19	19-May-20	30-Mar-21	31-Mar-22	30-Mar-23
Tariff Applicability	01-Jun-19	01-Jun-20	01-Apr-21	01-Apr-22	01-Apr-23
Disposal (in Days)	171	172	120	121	120

1.3. (b) True up Order (Distribution) - ED (Goa)

Key Dates	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
Filing of Tariff Petition	09-Aug-22	09-Aug-22	10-Feb-23	10-Feb-23
True up Issuance	28-Mar-23	28-Mar-23	-	-
Disposal (in Days)	231	231	-	-

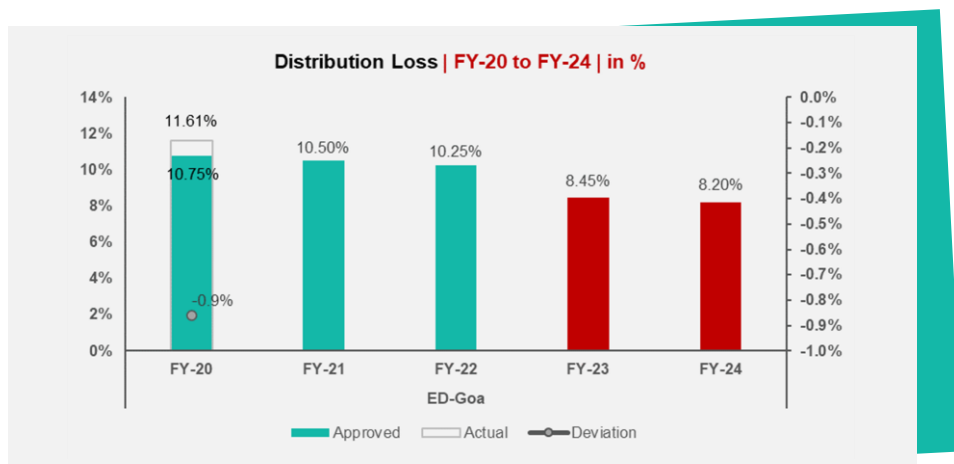
2. Distribution Loss

The Approved and Actual distribution loss for FY 2019-20 to FY 2021-22 and approved distribution loss for FY 2022-23 and FY 2023-24 are as below:

(in %)

Description	FY 2019-20		FY 2020-21		FY 2021-22		FY 2022-23	FY 2023-24
	Approved	Actual	Approved	Actual	Approved	Actual	Approved	Approved
ED-Goa	10.75	11.61	10.50	-	10.25	-	8.45	8.20
UT level	10.75	11.61	10.50	-	10.25	-	8.45	8.20

Note: Approved values as per Tariff Order & Actuals as per DISCOM filed in the True up Order | includes transmission loss



3. Cost Reflective Tariff

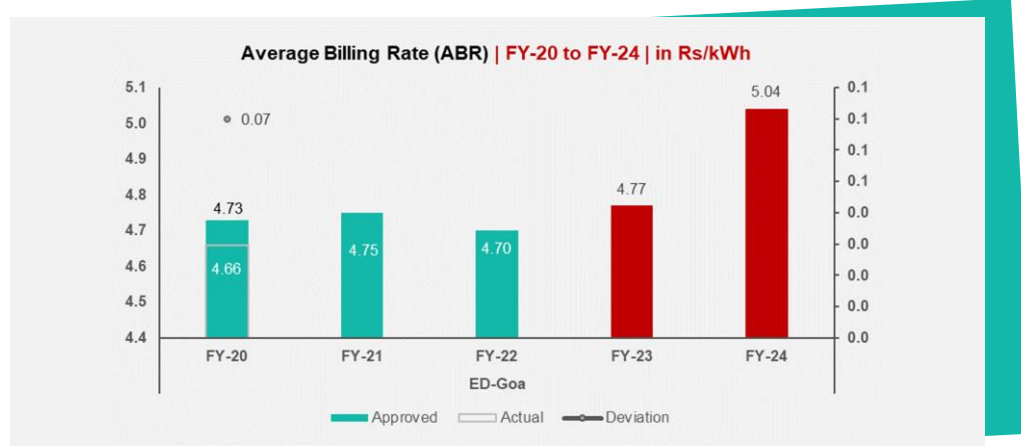
3. (a) Average Billing Rate (ABR)

The Approved and Actual ABR as per the tariff order for FY 2019-20 to FY 2021-22 along with approved ABR for FY 2022-23 and FY 2023-24 is provided as below:

(in Rs./ kWh)

Description	FY 2019-20		FY 2020-21		FY 2021-22		FY 2022-23	FY 2023-24
	Approved	Actual	Approved	Actual	Approved	Actual	Approved	Approved
ED-Goa	4.73	4.66	4.75	-	4.70	-	4.77	5.04
UT level	4.73	4.66	4.75	-	4.70	-	4.77	5.04

Note: Approved values as per Tariff Order & Actuals as per True up Order



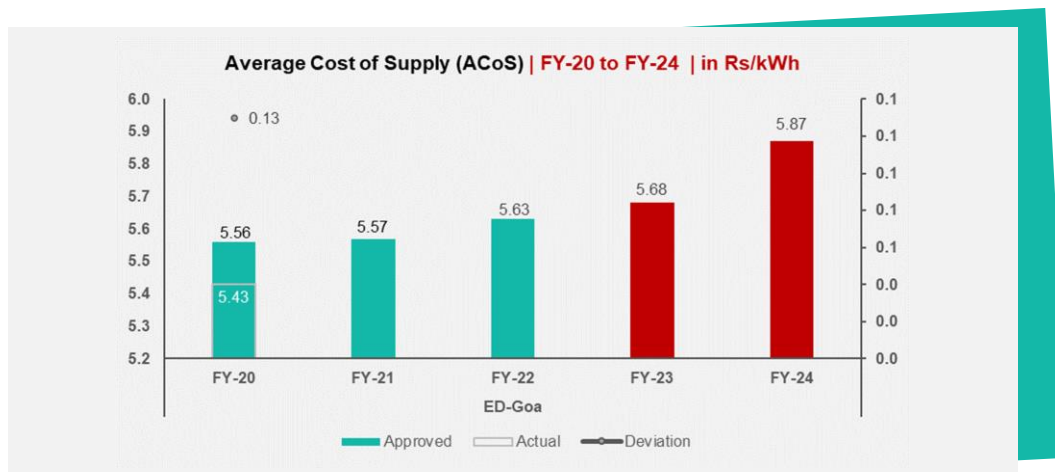
3. (b) Average Cost of Supply (ACoS)

The Approved and Actual ACoS as per the tariff order for FY 2019-20 to FY 2021-22 along with approved ACoS for FY 2022-23 and FY 2023-24 is provided as below:

(in Rs./ kWh)

Description	FY 2019-20		FY 2020-21		FY 2021-22		FY 2022-23	FY 2023-24
	Approved	Actual	Approved	Actual	Approved	Actual	Approved	Approved
ED-Goa	5.56	5.43	5.57	-	5.63	-	5.68	5.87
UT level	5.56	5.43	5.57	-	5.63	-	5.68	5.87

Note: Approved values as per Tariff Order & Actuals as per True up Order | excludes outside the state sale



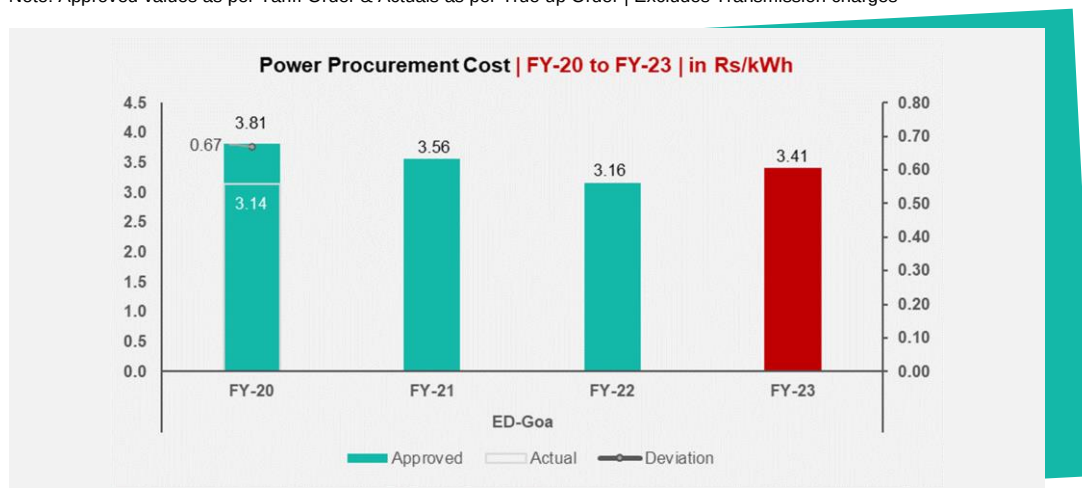
3. (c) Power Procurement Cost

The Power Procurement cost as approved by the State Commission in tariff order vs actual as per the approved true up of FY 2019-20 to FY 2021-22 is provided as below:

(in Rs./ kWh)

Description	FY 2019-20		FY 2020-21		FY 2021-22		FY 2022-23
	Approved	Actual	Approved	Actual	Approved	Actual	Approved
ED-Goa	3.81	3.14	3.56	-	3.16	-	3.41
UT level	3.81	3.14	3.56	-	3.16	-	3.41

Note: Approved values as per Tariff Order & Actuals as per True up Order | Excludes Transmission charges



3. (d) Expenses and Revenue

The difference in total expenses and revenues, as per filing in the tariff petition and the figures approved in tariff order by JERC for FY 2023-24, are given below:

(in Rs. Cr.)

Sr. No.	Particulars	Tariff Petition (I)	Tariff Order (II)	Disallowance (III= I-II)
1	Power Purchase Expenses*	2,014	2,028	(14)
2	O&M Expenses	526	530	(4)
a)	Employee Expenses	436	447	(12)
b)	R&M Expenses	55	49	6
c)	A&G Expenses	36	34	2
3	Depreciation	78	59	18
4	Interest and Finance Charges	45	27	18
5	Interest on Working Capital	17	12	4
6	Interest on Security Deposit	5	5	0
7	Return on Equity	80	71	8

Sr. No.	Particulars	Tariff Petition (I)	Tariff Order (II)	Disallowance (III= I-II)
8	Total Revenue Requirement	2,764	2,733	31
9	Less: Non-Tariff Income	30	50	(20)
10	Net Revenue Requirement	2,734	2,683	52
11	Total Revenue ^s		2,303	
12	Revenue Gap till FY 2022-23		379	
13	Budgetary support from Govt. of Goa		379	
14	Total Revenue Gap approved till FY 2022-23		0	

Note: ^s at approved tariff with revised tariff | *including transmission charges

4. Cumulative Revenue Gap/ Surplus

(in Rs. Cr.)

Description	ED-Goa
Annual Revenue Requirement	2,682
Revenue at approved tariff	2,303
Revenue Gap till FY 2022-23	379
Budgetary support from Govt. of Goa	379
Total Revenue Gap approved till FY 2022-23	0

5. Summary of Compliances

Sr. No.	Description	Status	Summary
1.	Tariff Order Issuance - Timeliness		Summary
a)	Generation – Tariff Order	NA	Latest Tariff Order: FY 2023-24
b)	Transmission – Tariff Order	NA	Latest True up Order: FY 2019-20
c)	Distribution – Tariff Order	√	Approved Tariff Hike: 5.19%
d)	Distribution – True up Order	X	New Regulatory Asset: Nil
2.	Creation of New Regulatory Assets	√	Proposed Liquidation Plan: NA
3.	Cross subsidy within ±20% of ACoS – LT Industrial Category	√	
4.	Cross subsidy within ±20% of ACoS – HT Industrial Category	√	

Note: Complied (√) | Not Complied (X)

1. Tariff Order Issuance Timelines



1.1. Tariff Order (Generation) - GSECL

Key Dates	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24
Filing of Tariff Petition	29-Nov-18	29-Nov-19	27-Nov-20	29-Nov-21	15-Dec-22
Tariff Issuance	24-Apr-19	26-Mar-20	30-Mar-21	30-Mar-22	31-Mar-23
Tariff Applicability	01-May-19	01-Apr-20	01-Apr-21	01-Apr-22	01-Apr-23
Disposal (in Days)	146	118	123	121	106



1.2. Tariff Order (Transmission) - GETCO

Key Dates	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24
Filing of Tariff Petition	29-Nov-18	29-Nov-19	27-Nov-20	29-Nov-21	15-Dec-22
Tariff Issuance	24-Apr-19	26-Mar-20	30-Mar-21	30-Mar-22	31-Mar-23
Tariff Applicability	01-May-19	01-Apr-20	01-Apr-21	01-Apr-22	01-Apr-23
Disposal (in Days)	146	118	123	121	106



1.3. (a) Tariff Order (Distribution) – DGVCL/ MGVL/ PGVCL/ UGVCL

Key dates	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24
Filing of Tariff Petition	30-Nov-18	30-Nov-19	27-Nov-20	29-Nov-21	15-Dec-22
Tariff Issuance	24-Apr-19	31-Mar-20	31-Mar-21	31-Mar-22	31-Mar-23
Tariff Applicability	01-May-19	01-Apr-20	01-Apr-21	01-Apr-22	01-Apr-23
Disposal (in Days)	145	122	124	122	106

1.3. (b) True up Order (Distribution) – DGVCL/ MGVL/ PGVCL/ UGVCL

Key Dates	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
Filing of Tariff Petition	30-Nov-19	27-Nov-20	29-Nov-21	15-Dec-22
True up Issuance	31-Mar-20	31-Mar-21	31-Mar-22	31-Mar-23
Disposal (in Days)	122	124	122	106

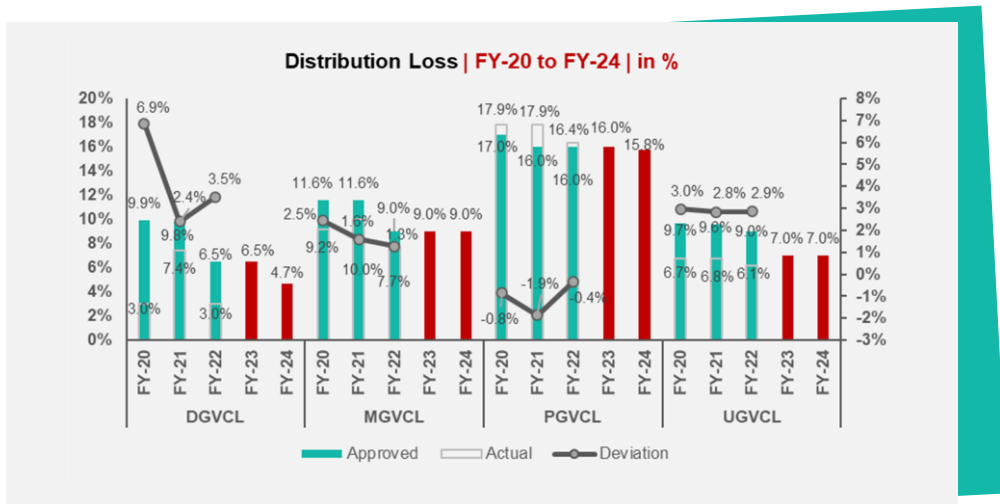
2. Distribution Loss

The Approved and Actual distribution loss for FY 2019-20 to FY 2021-22 and approved distribution loss for FY 2022-23 and FY 2023-24 are as below:

(in %)

Description	FY 2019-20		FY 2020-21		FY 2021-22		FY 2022-23	FY 2023-24
	Approved	Actual	Approved	Actual	Approved	Actual	Approved	Approved
DGVCL	9.90	3.04	9.80	7.40	6.50	3.00	6.50	4.68
MGVCL	11.60	9.15	11.55	9.96	9.00	7.73	9.00	9.00
PGVCL	17.00	17.85	16.00	17.86	16.00	16.36	16.00	15.75
UGVCL	9.70	6.73	9.60	6.76	9.00	6.14	7.00	7.00
State level	12.62	10.40	12.31	11.56	10.92	9.30	10.38	9.77

Note: Approved values as per Tariff Order & Actuals as per DISCOM filed in the True up Order



3. Cost Reflective Tariff

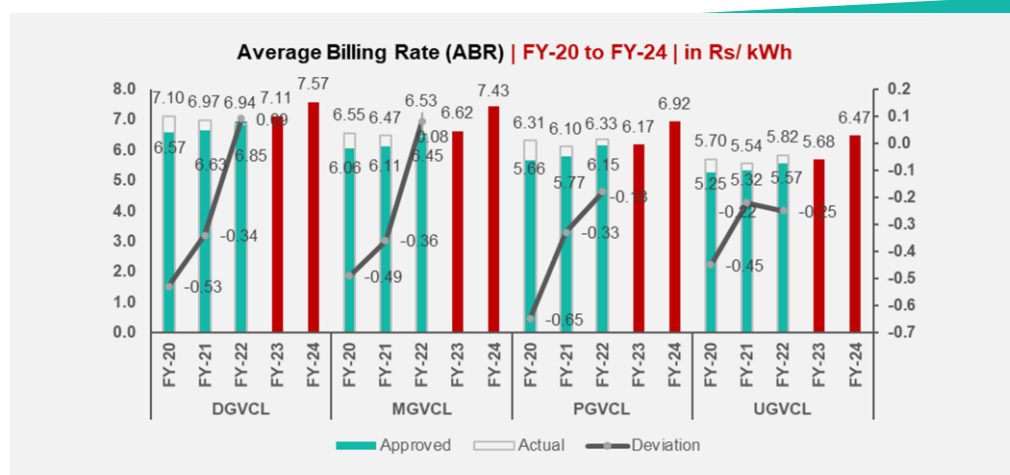
3. (a) Average Billing Rate (ABR)

The Approved and Actual ABR as per the tariff order for FY 2019-20 to FY 2021-22 along with approved ABR for FY 2022-23 and FY 2023-24 is provided as below:

(in Rs./ kWh)

Description	FY 2019-20		FY 2020-21		FY 2021-22		FY 2022-23	FY 2023-24
	Approved	Actual	Approved	Actual	Approved	Actual	Approved	Approved
DGVCL	6.57	7.10	6.63	6.97	6.94	6.85	7.11	7.57
MGVCL	6.06	6.55	6.11	6.47	6.53	6.45	6.62	7.43
PGVCL	5.66	6.31	5.77	6.10	6.15	6.33	6.17	6.92
UGVCL	5.25	5.70	5.32	5.54	5.57	5.82	5.68	6.47
State level	5.81	6.36	5.89	6.18	6.23	6.35	6.32	7.04

Note: Approved values as per Tariff Order & Actuals as per True up Order



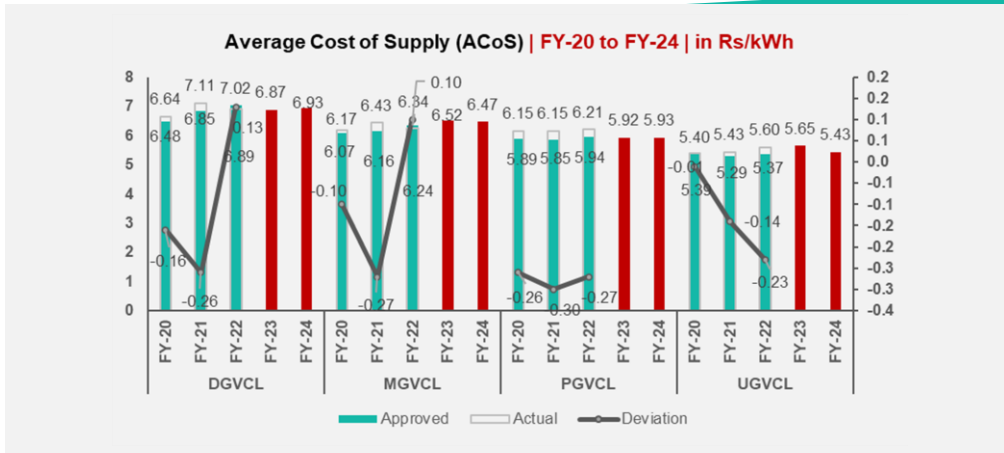
3. (b) Average Cost of Supply (ACoS)

The Approved and Actual ACoS as per the tariff order for FY 2019-20 to FY 2021-22 along with approved ACoS for FY 2022-23 and FY 2023-24 is provided as below:

(in Rs./ kWh)

Description	FY 2019-20		FY 2020-21		FY 2021-22		FY 2022-23	FY 2023-24
	Approved	Actual	Approved	Actual	Approved	Actual	Approved	Approved
DGVCL	6.48	6.64	6.85	7.11	6.89	7.02	6.87	6.93
MGVCL	6.07	6.17	6.16	6.43	6.24	6.34	6.52	6.47
PGVCL	5.89	6.15	5.85	6.15	5.94	6.21	5.92	5.93
UGVCL	5.39	5.40	5.29	5.43	5.37	5.60	5.65	5.43
State level	5.91	6.06	5.97	6.19	6.10	6.28	6.16	6.20

Note: Approved values as per Tariff Order & Actuals as per True up Order | excludes outside the state sale



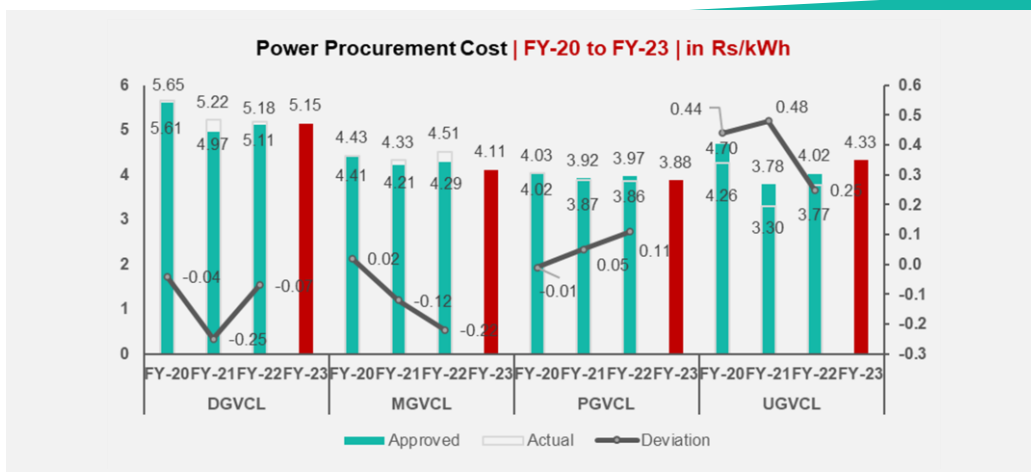
3. (c) Power Procurement Cost

The Power Procurement cost as approved by the State Commission in tariff order vs actual as per the approved true up of FY 2019-20 to FY 2021-22 is provided as below:

(in Rs./ kWh)

Description	FY 2019-20		FY 2020-21		FY 2021-22		FY 2022-23
	Approved	Actual	Approved	Actual	Approved	Actual	Approved
DGVCL	5.61	5.65	4.97	5.22	5.11	5.18	5.15
MGVCL	4.43	4.41	4.21	4.33	4.29	4.51	4.11
PGVCL	4.02	4.03	3.92	3.87	3.97	3.86	3.88
UGVCL	4.70	4.26	3.78	3.30	4.02	3.77	4.33
State level	4.62	4.51	3.94	4.22	4.38	4.43	4.37

Note: Approved values as per Tariff Order & Actuals as per True up Order | Excludes Transmission charges



3. (d) Expenses and Revenue

The difference in total expenses and revenues, as per filing in the tariff petition and the figures approved in tariff order by GERC for FY 2023-24, are given below:

(in Rs. Cr.)

Sr. No.	Particulars	DGVCL			MGVCL			PGVCL			UGVCL			State		
		Tariff Petition (I)	Tariff Order (II)	Disallowance (III= I-II)	Tariff Petition (I)	Tariff Order (II)	Disallowance (III= I-II)	Tariff Petition (I)	Tariff Order (II)	Disallowance (III= I-II)	Tariff Petition (I)	Tariff Order (II)	Disallowance (III= I-II)	Tariff Petition (I)	Tariff Order (II)	Disallowance (III= I-II)
1	Cost of Power Purchase*	19,638	19,473	164	8,120	8,095	24	18,880	18,792	89	15,387	15,572	(185)	62,024	61,933	92
2	O&M Expenses	889	889	0	962	962	0	1,664	1,664	0	934	934	0	4,449	4,449	0
a)	Employee Cost	630	630	0	682	682	0	1,258	1,258	0	768	768	0	3,337	3,337	0
b)	Repair & Maintenance	70	70	0	71	71	0	202	202	0	103	103	0	446	446	0
c)	A&G Charges	120	120	0	104	104	0	227	227	0	125	125	0	576	576	0
d)	RDSS Metering Opex	195	195	0	172	172	0	298	298	0	58	58	0	723	723	0
e)	Other Expenses	-126	-126	0	-68	-68	0	-320	-320	0	-119	-119	0	-634	-634	0
3	Depreciation	430	430	0	291	291	0	1,034	1,034	0	441	441	0	2,197	2,197	0
4	Interest & Finance Charges	96	95	1	50	51	(0)	183	245	(63)	96	102	(6)	425	493	(68)
5	Provision for Bad Debts	0	0	0	0	0	(0)	6	6	0	1	1	0	7	7	(0)
6	Sub-Total	21,053	20,888	165	9,423	9,399	24	21,768	21,742	26	16,858	17,050	(192)	69,102	69,078	23
7	Return on Equity	230	215	15	174	174	0	714	713	1	284	283	1	1,401	1,384	17
8	Provision for Tax	19	19	0	22	22	0	38	38	0	21	21	0	99	99	0
9	Total Expenditure	21,301	21,121	180	9,618	9,594	24	22,519	22,492	27	17,164	17,354	(191)	70,602	70,561	41
10	Less: Non-Tariff Income	245	245	0	219	219	0	317	317	0	194	194	0	974	974	0
11	ARR	21,056	20,876	180	9,400	9,375	24	22,203	22,176	27	16,969	17,160	(191)	69,628	69,587	41
12	True up and other impacts	(75)	(118)	43	(69)	(97)	29	1,401	1,134	266	1,011	696	315	2,269	1,615	654
13	Total ARR	20,993	20,759	235	9,377	9,278	99	23,626	23,310	316	17,993	17,856	125	71,897	71,202	694
14	Revenue at Existing Tariff	13,246	13,221	25	5,813	5,813	0	13,744	13,728	16	9,810	9,810	(0)	42,613	42,573	41
15	FPPPA Charges	7,131	7,240	(110)	3,248	3,298	(50)	8,763	8,898	(135)	7,141	7,250	(109)	26,282	26,686	(404)
16	Other Income	251	251	0	99	99	0	264	264	0	174	174	0	788	788	0
17	Agriculture Subsidy	54	54	0	71	71	0	430	430	0	545	545	0	1,100	1,100	0
18	Total Revenue [§]	20,681	20,766	(85)	9,231	9,281	(50)	23,201	23,320	(119)	17,670	17,780	(110)	70,783	71,147	(363)
19	Total Gap/(Surplus)	312	(7)	319	146	(3)	149	425	(10)	435	323	76	247	1,207	56	1,151

Note: *including transmission charges | [§]including subsidy

4. Cumulative Revenue Gap/ Surplus

(in Rs. Cr.)

Description	DGVCL	MGVCL	PGVCL	UGVCL	State
Total ARR for FY 2023-24	20,759	9,278	23,310	17,856	71,202
Total Revenue	20,766	9,281	23,320	17,780	71,147
Total Gap/(Surplus)	(7)	(3)	(10)	76	56

5. Summary of Compliances

Sr. No.	Description	Status	Summary
1.	Tariff Order Issuance - Timeliness		
a)	Generation – Tariff Order	√	Latest Tariff Order: FY 2023-24
b)	Transmission – Tariff Order	√	Latest True up Order: FY 2021-22
c)	Distribution – Tariff Order	√	Approved Tariff Hike: Nil
d)	Distribution – True up Order	√	New Regulatory Asset: Nil
2.	Creation of New Regulatory Assets	√	Proposed Liquidation Plan: NA
3.	Cross subsidy within ±20% of ACoS – LT Industrial Category	NA	
4.	Cross subsidy within ±20% of ACoS – HT Industrial Category	X	

Note: Complied (√) | Not Complied (X)



1. Tariff Order Issuance Timelines

1.1. Tariff Order (Generation) - HPGCL

Key Dates	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24
Filing of Tariff Petition	13-Dec-18	29-Nov-19	26-Nov-20	29-Nov-21	15-Nov-22
Tariff Issuance	07-Mar-19	24-Apr-20	18-Feb-21	22-Feb-22	25-Jan-23
Tariff Applicability	01-Apr-19	01-Apr-20	01-Apr-21	01-Apr-22	01-Apr-23
Disposal (in Days)	84	147	84	85	71



1.2. Tariff Order (Transmission) - HVPNL

Key Dates	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24
Filing of Tariff Petition	24-Nov-18	13-Dec-19	26-Nov-20	26-Nov-21	24-Nov-22
Tariff Issuance	07-Mar-19	21-May-20	09-Mar-21	02-Mar-22	30-Jan-23
Tariff Applicability	01-Apr-19	01-Apr-20	01-Apr-21	01-Apr-22	01-Apr-23
Disposal (in Days)	103	160	103	96	67



1.3. (a) Tariff Order (Distribution) - DHBVNL/ UHBVNL

Key dates	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24
Filing of Tariff Petition	30-Nov-18	28-Apr-20	09-Dec-20	14-Dec-21	16-Dec-22
Tariff Issuance	07-Mar-19	01-Jun-20	30-Mar-21	30-Mar-22	15-Feb-23
Tariff Applicability	01-Apr-19	01-Apr-20	01-Apr-21	01-Apr-22	01-Apr-23
Disposal (in Days)	97	34	111	106	61

1.3. (b) True up Order (Distribution) - DHBVNL/ UHBVNL

Key Dates	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
Filing of Tariff Petition	28-Apr-20	09-Dec-20	14-Dec-21	16-Dec-22
True up Issuance	01-Jun-20	30-Mar-21	30-Mar-22	15-Feb-23
Disposal (in Days)	34	111	106	61

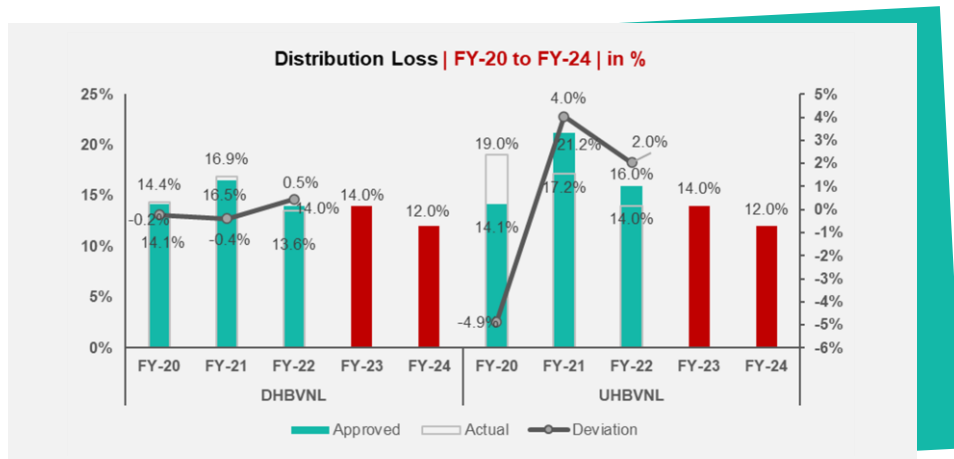
2. Distribution Loss

The Approved and Actual distribution loss for FY 2019-20 to FY 2021-22 and approved distribution loss for FY 2022-23 and FY 2023-24 are as below:

(in %)

Description	FY 2019-20		FY 2020-21		FY 2021-22		FY 2022-23	FY 2023-24
	Approved	Actual	Approved	Actual	Approved	Actual	Approved	Approved
DHBVNL	14.14	14.37	16.53	16.93	14.00	13.55	14.00	12.00
UHBVNL	14.14	19.01	21.23	17.20	16.00	13.96	14.00	12.00
State level	14.14	16.33	18.44	17.05	15.00	13.76	14.00	12.00

Note: Approved values as per Tariff Order & Actuals as per DISCOM filed in the True up Order



3. Cost Reflective Tariff

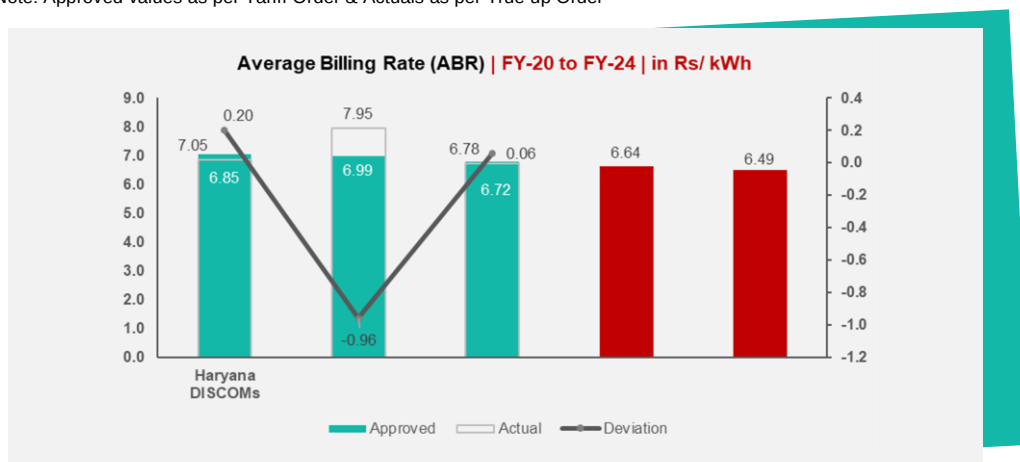
3. (a) Average Billing Rate (ABR)

The Approved and Actual ABR as per the tariff order for FY 2019-20 to FY 2021-22 along with approved ABR for FY 2022-23 and FY 2023-24 is provided as below:

(in Rs./ kWh)

Description	FY 2019-20		FY 2020-21		FY 2021-22		FY 2022-23	FY 2023-24
	Approved	Actual	Approved	Actual	Approved	Actual	Approved	Approved
DHBVNL	7.05	6.85	6.99	7.95	6.78	6.72	6.44	6.49
UHBVNL	7.05	6.85	6.99	7.95	6.78	6.72	6.44	6.49
State level	7.05	6.85	6.99	7.95	6.78	6.72	6.44	6.49

Note: Approved values as per Tariff Order & Actuals as per True up Order



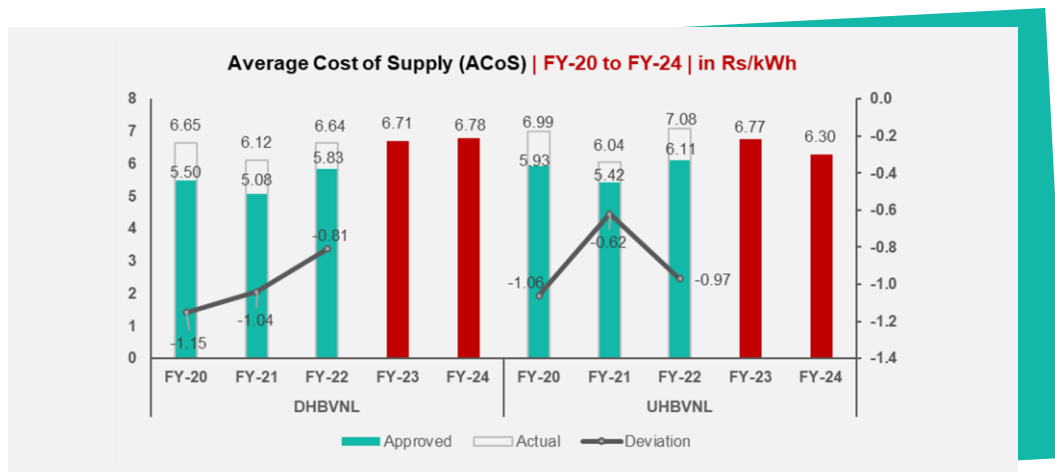
3. (b) Average Cost of Supply (ACoS)

The Approved and Actual ACoS as per the tariff order for FY 2019-20 to FY 2021-22 along with approved ACoS for FY 2022-23 and FY 2023-24 is provided as below:

(in Rs./ kWh)

Description	FY 2019-20		FY 2020-21		FY 2021-22		FY 2022-23	FY 2023-24
	Approved	Actual	Approved	Actual	Approved	Actual	Approved	Approved
DHBVNL	5.50	6.65	5.08	6.12	5.83	6.64	6.71	6.78
UHBVNL	5.93	6.99	5.42	6.04	6.11	7.08	6.77	6.30
State level	5.67	6.79	5.22	6.08	5.95	6.83	6.74	6.57

Note: Approved values as per Tariff Order | includes outside the state sale



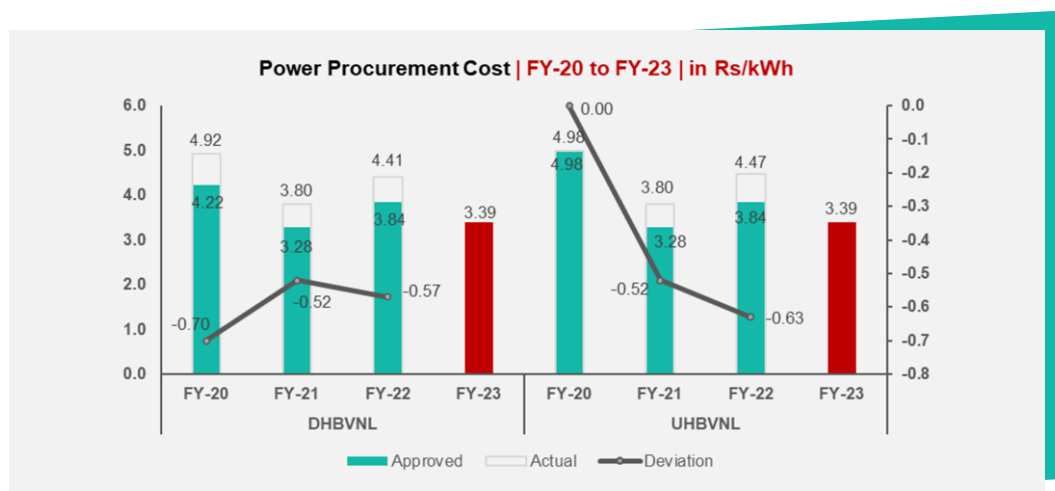
3. (c) Power Procurement Cost

The Power Procurement cost as approved by the State Commission in tariff order vs actual as per the approved true up of FY 2019-20 to FY 2021-22 is provided as below:

(in Rs./ kWh)

Description	FY 2019-20		FY 2020-21		FY 2021-22		FY 2022-23
	Approved	Actual	Approved	Actual	Approved	Actual	Approved
DHBVNL	4.22	4.92	3.28	3.80	3.84	4.41	3.39
UHBVNL	4.98	4.98	3.28	3.80	3.84	4.47	3.39
State level	4.65	4.95	3.28	3.80	3.84	4.43	3.39

Note: Approved values as per Tariff Order & Actuals as per True up Order | excludes Transmission charges



3. (d) Expenses and Revenue

The difference in total expenses and revenues, as per filing in the tariff petition and the figures approved in tariff order by HERC for FY 2023-24, are given below:

(in Rs. Cr.)

Sr. No.	Particulars	DHBVNL			UHBVNL			State		
		Tariff Petition (I)	Tariff Order (II)	Disallowance (III= I-II)	Tariff Petition (I)	Tariff Order (II)	Disallowance (III= I-II)	Tariff Petition (I)	Tariff Order (II)	Disallowance (III= I-II)
1	Total Power Purchase Expense	17,574	18,961	(1,387)	12,824	13,990	(1,166)	30,399	32,951	(2,553)
a)	Power Purchase Expense	14,838	16,351	(1,514)	10,827	11,932	(1,105)	25,665	28,283	(2,619)
b)	Interstate transmission Charge	1,389	1,389	0	1,014	1,014	0	2,403	2,403	0
c)	Intrastate transmission & SLDC	1,348	1,220	127	984	1,045	(61)	2,331	2,265	66
2	Operations and Maintenance Expense	2,210	2,210	(9)	1,817	1,817	0	4,018	4,018	0
a)	Employee Expense	1,271	1,271	0	1,019	1,019	(0)	2,290	2,290	0
b)	Administration & General Exp.	144	144	0	163	163	0	307	307	0
c)	Repair & Maintenance Expense	235	235	0	185	185	0	420	420	0
d)	Terminal Liability	550	550	0	450	450	0	1,000	1,000	0
3	Depreciation	523	452	71	463	463	0	986	915	71
4	Total Interest & Finance Charges	492	474	18	443	323	120	935	797	138
a)	Interest on CAPEX loans	0	0	0	168	105	63	168	105	63
b)	Interest on Working Capital incl. CC	163	187	(24)	173	116	57	336	303	33
c)	Interest on Consumer Security Deposit	100	100	0	67	67	0	167	167	0
d)	Other Interest and Finance charges	8	8	0	35	35	0	43	43	0
e)	Interest on Long Term Loan	196	155	42	0	0	0	196	155	42
f)	Interest on UDAY Bonds	0	0	0	0	0	0	0	0	0
g)	Guarantee Fee	24	24	0	0	0	0	24	24	0
5	Return on Equity Capital	333	285	48	324	278	46	657	563	94
6	Provision for Bad & Doubtful Debt	89	0	89	0	0	0	89	0	89
7	Total Expenditure	21,212	22,373	(1,161)	15,870	16,871	(1,000)	37,083	39,244	(2,161)
8	Less: Non-Tariff Income	279	279	0	278	278	0	558	558	0
9	Net Aggregate Revenue Requirement	20,933	22,094	(1,161)	15,592	16,592	(1,000)	36,525	38,686	(2,161)
10	Total Revenue [*]	20,828	-	-	15,432	-	-	36,260	36,714	(454)
11	Revenue Gap	105	-	-	160	-	-	265	1,972	(1,707)
12	Other Adjustments [*]	-	-	-	-	-	-	(132)	1,615	-
13	Net Revenue Gap for FY 2023-24	-	-	-	-	-	-	397	357	40

Note: ^{*} at approved tariff | ^{*}including holding cost and true up impact for 2021-22

4. Cumulative Revenue Gap/ Surplus

(in Rs. Cr.)

Description	DHBVNL	UHBVNL	State
Net Aggregate Revenue Requirement	22094	16592	38686
Total Revenue*	-	-	36714
Revenue Gap	-	-	1972
Other Adjustments*	-	-	1615
Revenue Gap/ (Surplus) for FY 2023-24	-	-	357

5. Summary of Compliances

Sr. No.	Description	Status	Summary
1.	Tariff Order Issuance - Timeliness		Latest Tariff Order: FY 2023-24
a)	Generation – Tariff Order	✓	Latest True up Order: FY 2021-22
b)	Transmission – Tariff Order	✓	Approved Tariff Hike: Nil
c)	Distribution – Tariff Order	✓	New Regulatory Asset: Nil
d)	Distribution – True up Order	✓	Proposed Liquidation Plan: NA
2.	Creation of New Regulatory Assets	✓	
3.	Cross subsidy within ±20% of ACoS – LT Industrial Category	NA	
4.	Cross subsidy within ±20% of ACoS – HT Industrial Category	NA	

Note: Complied (✓) | Not Complied (X)



1. Tariff Order Issuance Timelines

1.1. Tariff Order (Generation) - HPSEBL

Key Dates	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24
Filing of Tariff Petition	06-Jan-20	06-Jan-20	06-Jan-20	06-Jan-20	06-Jan-20
Tariff Issuance	11-Nov-21	11-Nov-21	11-Nov-21	11-Nov-21	11-Nov-21
Tariff Applicability	01-Apr-19	01-Apr-20	01-Apr-21	01-Apr-22	01-Apr-23
Disposal (in Days)	-	-	-	-	-



1.2. Tariff Order (Transmission) - HPPTCL

Key Dates	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24
Filing of Tariff Petition	30-Nov-18	30-Nov-18	30-Nov-18	30-Nov-18	30-Nov-18
Tariff Issuance	29-Jun-19	29-Jun-19	29-Jun-19	29-Jun-19	29-Jun-19
Tariff Applicability	01-Jul-19	01-Apr-20	01-Apr-21	01-Apr-22	01-Apr-23
Disposal (in Days)	211	NA	NA	NA	NA



1.3. (a) Tariff Order (Distribution) - HPSEBL

Key dates	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24
Filing of Tariff Petition	30-Nov-18	30-Nov-19	28-Nov-20	30-Nov-21	28-Nov-22
Tariff Issuance	29-Jun-19	06-Jun-20	31-May-21	29-Mar-22	31-Mar-23
Tariff Applicability	01-Jul-19	01-Jun-20	01-Jun-21	01-Apr-22	01-Apr-23
Disposal (in Days)	211	189	184	119	123

1.3. (b) True up Order (Distribution) - HPSEBL

Key Dates	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
Filing of Tariff Petition	30-Nov-19	28-Nov-20	30-Nov-21	28-Nov-22
True up Issuance	06-Jun-20	31-May-21	29-Mar-22	31-Mar-23
Disposal (in Days)	189	184	119	123

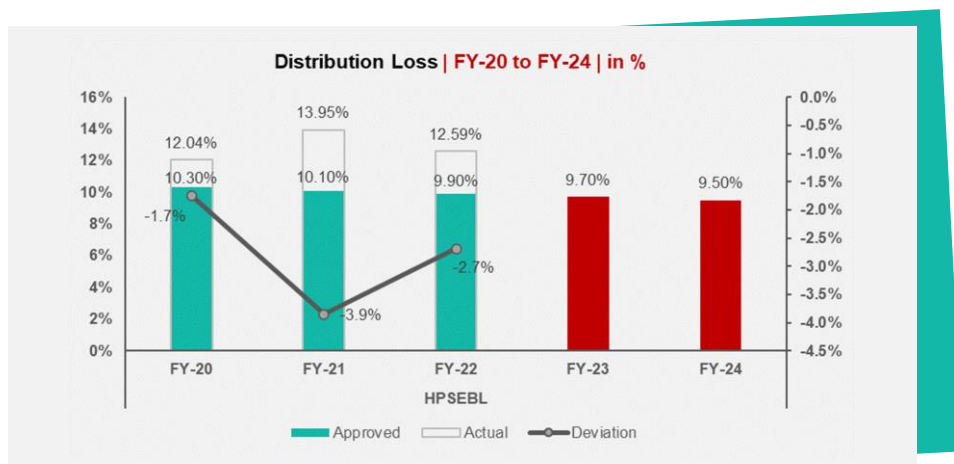
2. Distribution Loss

The Approved and Actual distribution loss for FY 2019-20 to FY 2021-22 and approved distribution loss for FY 2022-23 and FY 2023-24 are as below:

(in %)

Description	FY 2019-20		FY 2020-21		FY 2021-22		FY 2022-23	FY 2023-24
	Approved	Actual	Approved	Actual	Approved	Actual	Approved	Approved
HPSEBL	10.30	12.40	10.10	13.95	9.90	12.59	9.70	9.50
State level	10.30	12.40	10.10	13.95	9.90	12.59	9.70	9.50

Note: Approved values as per Tariff Order & Actuals as per DISCOM filed in the True up Order



3. Cost Reflective Tariff

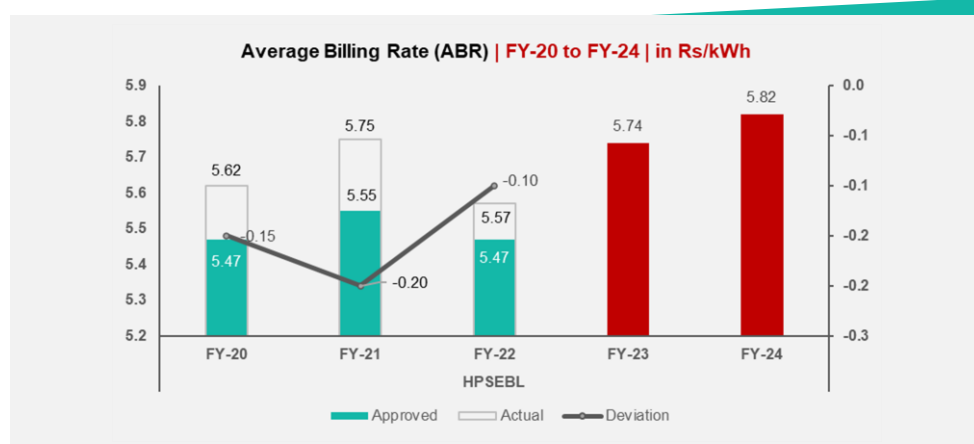
3. (a) Average Billing Rate (ABR)

The Approved and Actual ABR as per the tariff order for FY 2019-20 to FY 2021-22 along with approved ABR for FY 2022-23 and FY 2023-24 is provided as below:

(in Rs./ kWh)

Description	FY 2019-20		FY 2020-21		FY 2021-22		FY 2022-23	FY 2023-24
	Approved	Actual	Approved	Actual	Approved	Actual	Approved	Approved
HPSEBL	5.47	5.62	5.55	5.75	5.47	5.57	5.74	5.82
State level	5.47	5.62	5.55	5.75	5.47	5.57	5.74	5.82

Note: Approved values as per Tariff Order & Actuals as per True up Order



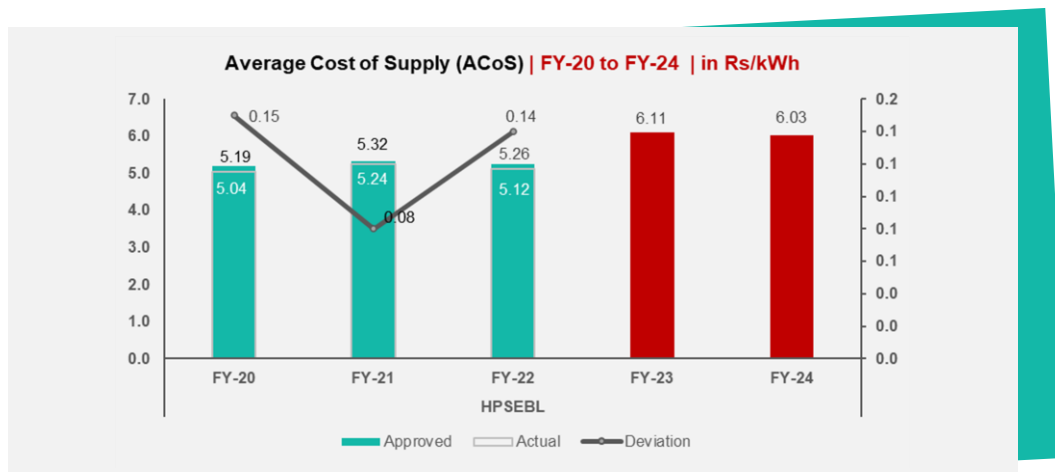
3. (b) Average Cost of Supply (ACoS)

The Approved and Actual ACoS as per the tariff order for FY 2019-20 to FY 2021-22 along with approved ACoS for FY 2022-23 and FY 2023-24 is provided as below:

(in Rs./ kWh)

Description	FY 2019-20		FY 2020-21		FY 2021-22		FY 2022-23	FY 2023-24
	Approved	Actual	Approved	Actual	Approved	Actual	Approved	Approved
HPSEBL	5.19	5.04	5.32	5.24	5.26	5.12	6.11	6.03
State level	5.19	5.04	5.32	5.24	5.26	5.12	6.11	6.03

Note: Approved values as per Tariff Order & Actuals as per True up Order | includes outside the state sale



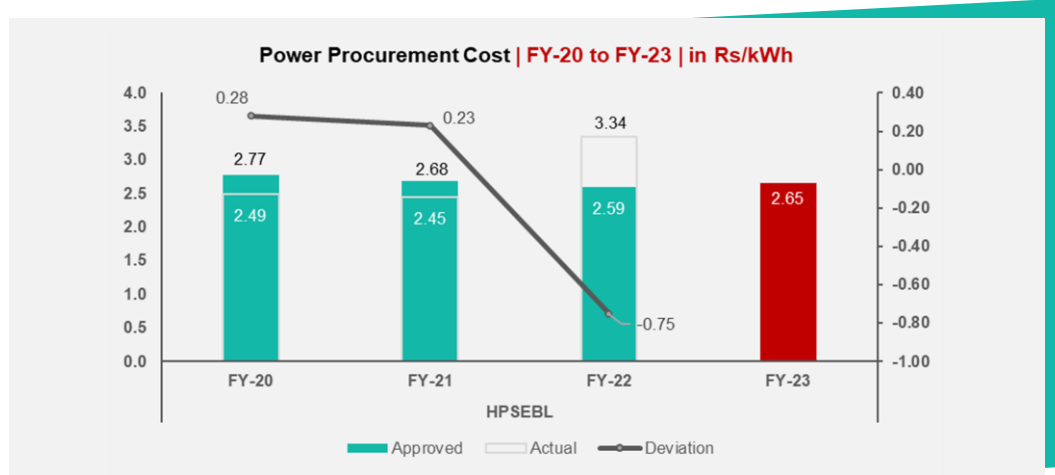
3. (c) Power Procurement Cost

The Power Procurement cost as approved by the State Commission in tariff order vs actual as per the approved true up of FY 2019-20 to FY 2021-22 is provided as below:

(in Rs./ kWh)

Description	FY 2019-20		FY 2020-21		FY 2021-22		FY 2022-23
	Approved	Actual	Approved	Actual	Approved	Actual	Approved
HPSEBL	2.77	2.49	2.68	2.45	2.59	3.34	2.65
State level	2.77	2.49	2.68	2.45	2.59	3.34	2.65

Note: Approved values as per Tariff Order & Actuals as per True up Order | Excludes Transmission charges



3. (d) Expenses and Revenue

The difference in total expenses and revenues, as per filing in the tariff petition and the figures approved in tariff order by HPERC for FY 2023-24, are given below:

(in Rs. Cr.)

Sr. No.	Particulars	Tariff Petition (I)	Tariff Order (II)	Disallowance (III= I-II)
1	Power Purchase Expenses	4,382	4,141	241
2	Inter-state Charges	650	554	96
3	Intra-state Charges	71	70	1
4	O&M Expenses	2,371	2,366	5
a)	Employee Expenses	2,186	2,186	0
b)	R&M Expenses	119	119	0
c)	A&G Expenses	67	62	5

Sr. No.	Particulars	Tariff Petition (I)	Tariff Order (II)	Disallowance (III= I-II)
5	Interest & Financing Charges	258	227	31
a)	Interest on Working Capital	42	47	(5)
b)	Interest on Security Deposit	22	22	(0)
c)	Interest on Long term Loans	194	158	36
d)	LC Charges	10	10	0
6	Depreciation	179	179	0
7	Return on Equity	68	68	0
8	Less: Non-Tariff & Other Income	-138	-131	(7)
9	Aggregate Revenue Requirement	7,130	6,860	270
10	Net Aggregate Revenue Requirement*		6,596	
11	Total Revenue ^{\$}		6,597	
12	Revenue Gap for FY 2023-24		1.07	

Note: * including prior period adjustments | ^{\$} at approved tariff and including outside state sale revenue

4. Cumulative Revenue Gap/ Surplus

(in Rs. Cr.)

Description	HPSEBL
Net Aggregate Revenue Requirement for FY 2023-24	6,596
Revenue from Sale of Power within the State at Approved Tariff	6,577
Revenue from Sale of Surplus Power outside the State	20
Total Revenue Gap approved for FY 2023-24	1.07

5. Summary of Compliances

Sr. No.	Description	Status	Summary Latest Tariff Order: FY 2023-24 Latest True up Order: FY 2021-22 Approved Tariff Hike: ~2-7% New Regulatory Asset: Nil Proposed Liquidation Plan: NA
1.	Tariff Order Issuance - Timeliness	✓	
a)	Generation – Tariff Order	✓	
b)	Transmission – Tariff Order	✓	
c)	Distribution – Tariff Order	✓	
d)	Distribution – True up Order	✓	
2.	Creation of New Regulatory Assets	✓	
3.	Cross subsidy within ±20% of ACoS – LT Industrial Category	✓	
4.	Cross subsidy within ±20% of ACoS – HT Industrial Category	✓	

Note: Complied (✓) | Not Complied (X)



1. Tariff Order Issuance Timelines

1.1. Tariff Order (Generation) - JKPDCL

Key Dates	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24
Filing of Tariff Petition	-	-	01-Dec-21	01-Dec-21	01-Dec-21
Tariff Issuance	-	-	22-Sep-22	22-Sep-22	22-Sep-22
Tariff Applicability	-	-	01-Oct-22	01-Apr-22	01-Apr-23
Disposal (in Days)	-	-	295	NA	NA



1.2. Tariff Order (Transmission) - JKPTCL

Key Dates	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24
Filing of Tariff Petition	-	-	-	01-Dec-21	-
Tariff Issuance	-	-	-	22-Sep-22	-
Tariff Applicability	-	-	-	01-Sep-22	-
Disposal (in Days)	-	-	-	NA	-



1.3. (a) Tariff Order (Distribution) - JPDCL/ KPDCL

Key dates	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24
Filing of Tariff Petition	31-Aug-15	31-Aug-15	-	16-Mar-22	-
Tariff Issuance	07-Oct-16	07-Oct-16	-	13-Oct-22	-
Tariff Applicability	01-Apr-19	01-Apr-20	-	01-Apr-22	-
Disposal (in Days)	NA	NA	-	NA	-

1.3. (b) True up Order (Distribution) - JPDCL/ KPDCL

Key Dates	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
Filing of Tariff Petition	-	01-Dec-21	-	-
True up Issuance	-	22-Sep-22	-	-
Disposal (in Days)	-	295	-	-

Note: JERC-JKL is yet to approve the True up Order in absence of annual audited accounts

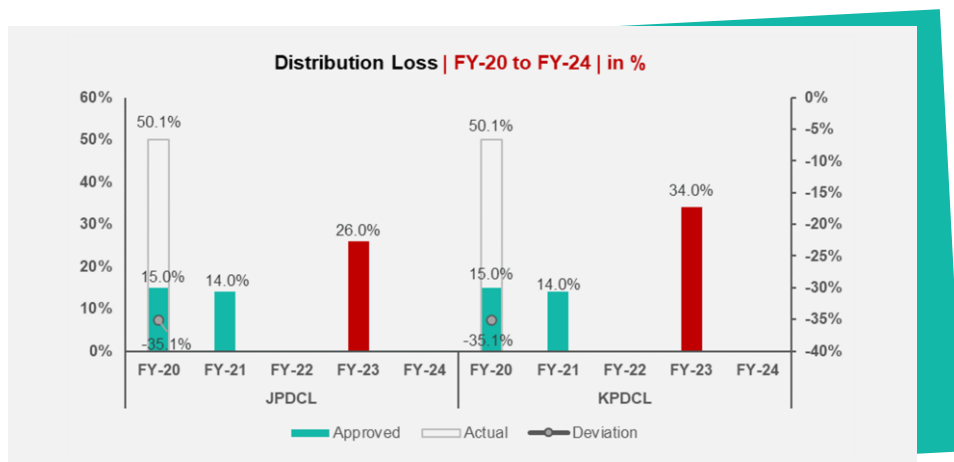
2. Distribution Loss

The Approved and Actual distribution loss for FY 2019-20 to FY 2021-22 and approved distribution loss for FY 2022-23 and FY 2023-24 are as below:

(in %)

Description	FY 2019-20		FY 2020-21		FY 2021-22		FY 2022-23	FY 2023-24
	Approved	Actual	Approved	Actual	Approved	Actual	Approved	Approved
JPDCL	15.00	50.10	14.00	-	-	-	30.00	-
KPDCL	15.00	50.10	14.00	-	-	-	30.00	-
UT level	15.00	50.10	14.00	-	-	-	30.00	-

Note: Approved values as per Tariff Order & Actuals as per DISCOM filed in the True up Order



3. Cost Reflective Tariff

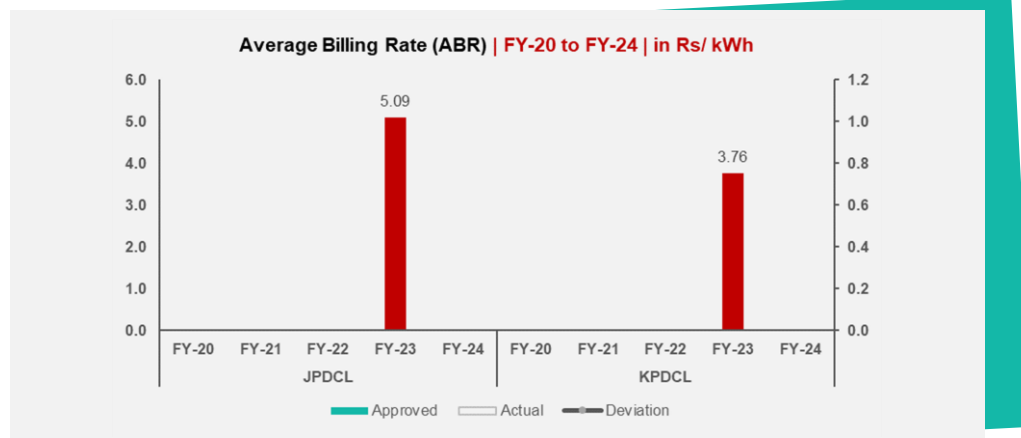
3. (a) Average Billing Rate (ABR)

The Approved and Actual ABR as per the tariff order for FY 2019-20 to FY 2021-22 along with approved ABR for FY 2022-23 and FY 2023-24 is provided as below:

(in Rs./ kWh)

Description	FY 2019-20		FY 2020-21		FY 2021-22		FY 2022-23	FY 2023-24
	Approved	Actual	Approved	Actual	Approved	Actual	Approved	Approved
JPDCL	-	-	-	-	-	-	5.09	-
KPDCL	-	-	-	-	-	-	3.76	-
UT level	-	-	-	-	-	-	4.49	-

Note: Approved values as per Tariff Order & Actuals as per True up Order | Total Revenue not available for FY-2019-20 and FY 2020-21



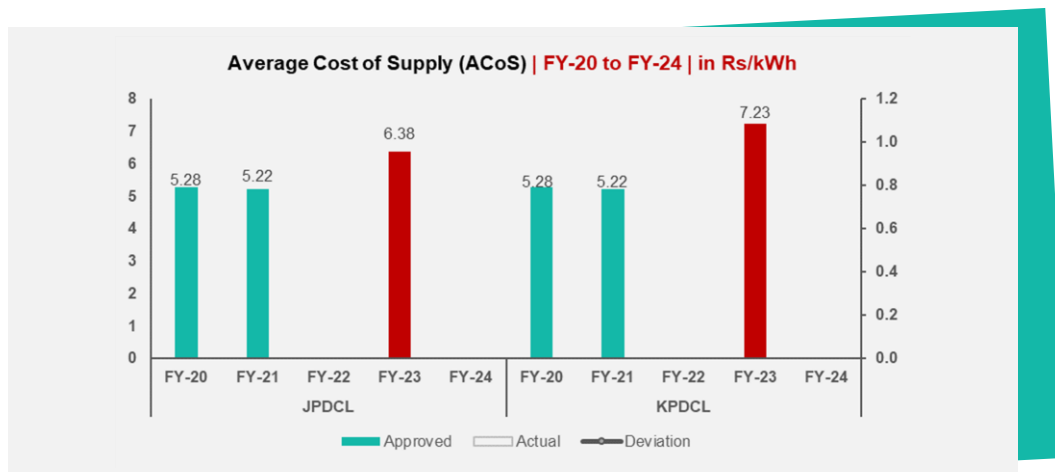
3. (b) Average Cost of Supply (ACoS)

The Approved and Actual ACoS as per the tariff order for FY 2019-20 to FY 2021-22 along with approved ACoS for FY 2022-23 and FY 2023-24 is provided as below:

(in Rs./ kWh)

Description	FY 2019-20		FY 2020-21		FY 2021-22		FY 2022-23	FY 2023-24
	Approved	Actual	Approved	Actual	Approved	Actual	Approved	Approved
JPDCL	5.28	-	5.22	-	-	-	6.38	-
KPDCL	5.28	-	5.22	-	-	-	7.23	-
UT level	5.28	-	5.22	-	-	-	6.80	-

Note: Approved values as per Tariff Order & Actuals as per True up Order | excludes outside the state sale



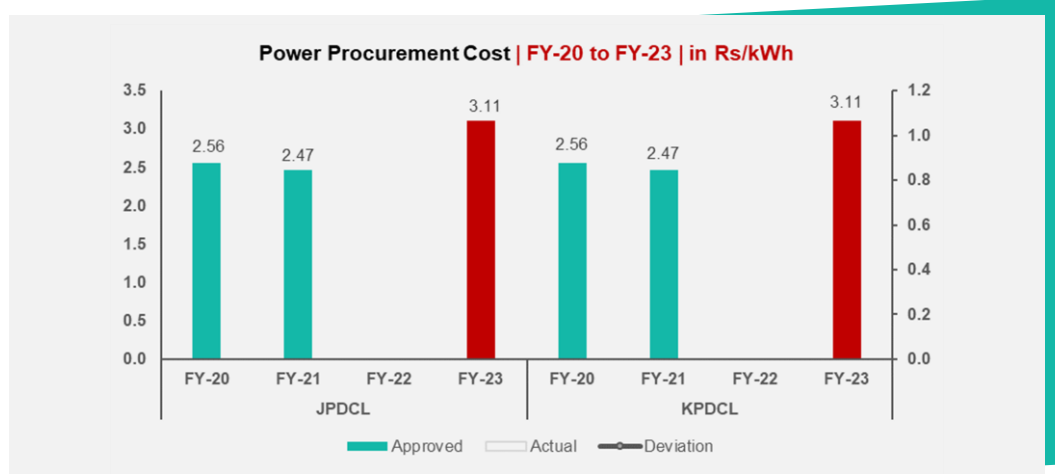
3. (c) Power Procurement Cost

The Power Procurement cost as approved by the State Commission in tariff order vs actual as per the approved true up of FY 2019-20 to FY 2021-22 is provided as below:

(in Rs./ kWh)

Description	FY 2019-20		FY 2020-21		FY 2021-22		FY 2022-23
	Approved	Actual	Approved	Actual	Approved	Actual	Approved
JPDCL	2.56	-	2.47	-	-	-	3.11
KPDCL	2.56	-	2.47	-	-	-	3.11
UT level	2.56	-	2.47	-	-	-	3.11

Note: Approved values as per Tariff Order & Actuals as per True up Order | Excludes Transmission charges



3. (d) Expenses and Revenue

The difference in total expenses and revenues, as per filing in the tariff petition and the figures approved in tariff order by JERC-JKL for FY 2022-23, are given below:

(in Rs. Cr.)

Sr. No.	Particulars	JPDCL			KPDCL			State		
		Tariff Petition (I)	Tariff Order (II)	Disallowance (III= I-II)	Tariff Petition (I)	Tariff Order (II)	Disallowance (III= I-II)	Tariff Petition (I)	Tariff Order (II)	Disallowance (III= I-II)
1	Power Purchase Expenses*	3,110	2,667	443	3,558	2,597	961	6,667	5,264	1,403
2	O&M Expenses	473	402	71	649	411	238	1,122	813	309
3	Depreciation	0	0	0	0	0	0	0	0	0
4	Interest and Finance Charges	0	0	0	0	0	0	0	0	0
5	Interest on Working Capital	56	50	5	70	50	20	125	100	25
6	Interest on Security Deposit	0	0	0	0	0	0	0	0	0
7	Return on Equity	0	0	0	0	0	0	0	0	0
8	Provision for Bad Debts	37	31	5	43	31	12	80	62	18
9	Gross Aggregate Revenue Requirement	3,675	3,151	524	4,320	3,088	1,231	7,995	6,239	1,755
10	Less: Non-Tariff Income	3	3	0	4	4	0	7	7	0
11	Net Aggregate Revenue Requirement	3,672	3,148	524	4,316	3,085	1,231	7,988	6,233	1,755
12	Total Revenue ^s	3,029	2,514	515	1,621	1,602	18	4,649	4,116	533
13	Grant in aid by State Govt.								2,116	
14	Revenue Gap for FY 2022-23								0	

Note: *including Transmission Charges | ^s at approved tariff

4. Cumulative Revenue Gap/ Surplus

(in Rs. Cr.)

Description	JPDCL	KPDCL	State
Net Aggregate Revenue Requirement	3,148	3,085	6,233
Total Revenue ^s	2,514	1,602	4,116
Grant in aid by State Govt.	-	-	4,116
Total Revenue Gap approved for FY 2022-23	0	0	0

Note: This excludes past years revenue gap

5. Summary of Compliances

Sr. No.	Description	Status	Summary
1.	Tariff Order Issuance - Timeliness		
a)	Generation – Tariff Order	X	Latest Tariff Order: FY 2022-23
b)	Transmission – Tariff Order	X	Latest True up Order: FY 2019-20
c)	Distribution – Tariff Order	X	Approved Tariff Hike: ~17.29%
d)	Distribution – True up Order	X	New Regulatory Asset: Nil
2.	Creation of New Regulatory Assets	√	Proposed Liquidation Plan: Nil
3.	Cross subsidy within ±20% of ACoS – LT Industrial Category	√	
4.	Cross subsidy within ±20% of ACoS – HT Industrial Category	√	

Note: Complied (√) | Not Complied (X)



1. Tariff Order Issuance Timelines

1.1. Tariff Order (Generation) - LPDD

Key Dates	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24
Filing of Tariff Petition	-	-	01-Dec-21	01-Dec-21	01-Dec-21
Tariff Issuance	-	-	22-Sep-22	22-Sep-22	22-Sep-22
Tariff Applicability	-	-	01-Oct-22	01-Apr-22	01-Apr-23
Disposal (in Days)	-	-	295	NA	NA



1.2. Tariff Order (Transmission) - JKPTCL

Key Dates	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24
Filing of Tariff Petition	-	-	-	01-Dec-21	-
Tariff Issuance	-	-	-	22-Sep-22	-
Tariff Applicability	-	-	-	01-Sep-22	-
Disposal (in Days)	-	-	-	NA	-



1.3. (a) Tariff Order (Distribution) - LPDD

Key dates	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24
Filing of Tariff Petition	31-Aug-15	31-Aug-15	-	16-Mar-22	-
Tariff Issuance	07-Oct-16	07-Oct-16	-	13-Oct-22	-
Tariff Applicability	01-Apr-19	01-Apr-20	-	01-Apr-22	-
Disposal (in Days)	NA	NA	-	211	-

1.3. (b) True up Order (Distribution) - LPDD

Key Dates	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
Filing of Tariff Petition	-	01-Dec-21	01-Dec-21	-
True up Issuance	-	22-Sep-22	22-Sep-22	-
Disposal (in Days)	-	295	295	-

Note: JERC-JKL is yet to approve the True up Order in absence of annual audited accounts

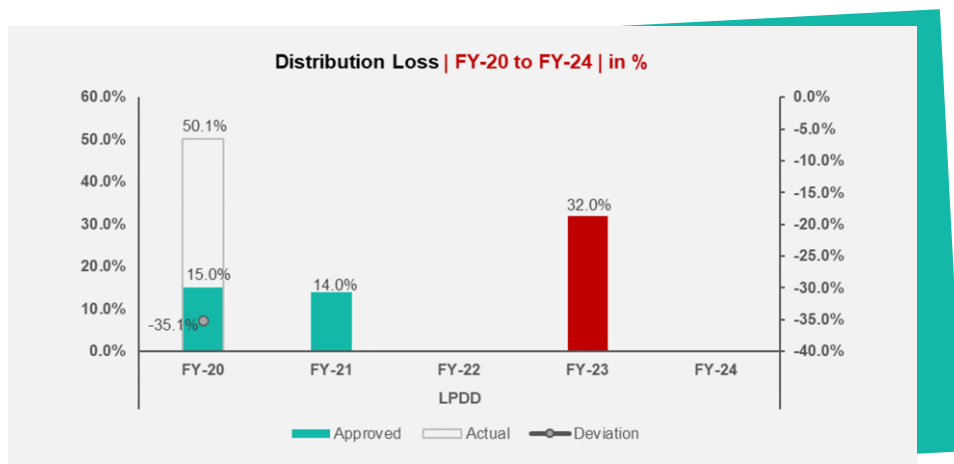
2. Distribution Loss

The Approved and Actual distribution loss for FY 2019-20 to FY 2021-22 and approved distribution loss for FY 2022-23 and FY 2023-24 are as below:

(in %)

Description	FY 2019-20		FY 2020-21		FY 2021-22		FY 2022-23	FY 2023-24
	Approved	Actual	Approved	Actual	Approved	Actual	Approved	Approved
LPDD	15.00	50.10	14.00	-	-	-	32.00	-
UT level	15.00	50.10	14.00	-	-	-	32.00	-

Note: Approved values as per Tariff Order & Actuals as per DISCOM filed in the True up Order



3. Cost Reflective Tariff

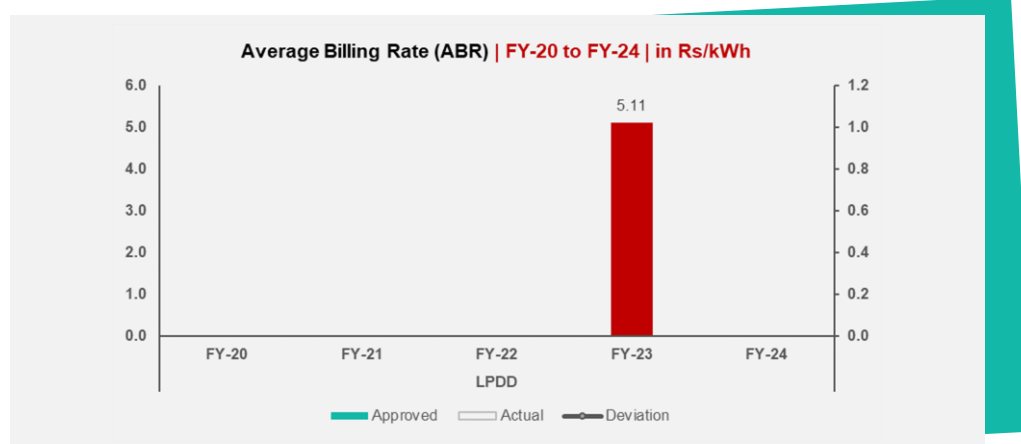
3. (a) Average Billing Rate (ABR)

The Approved and Actual ABR as per the tariff order for FY 2019-20 to FY 2021-22 along with approved ABR for FY 2022-23 and FY 2023-24 is provided as below:

(in Rs./ kWh)

Description	FY 2019-20		FY 2020-21		FY 2021-22		FY 2022-23	FY 2023-24
	Approved	Actual	Approved	Actual	Approved	Actual	Approved	Approved
LPDD	-	-	-	-	-	-	5.11	-
UT level	-	-	-	-	-	-	5.11	-

Note: Approved values as per Tariff Order & Actuals as per True up Order | Total Revenue not available for FY-2019-20 and FY 2020-21



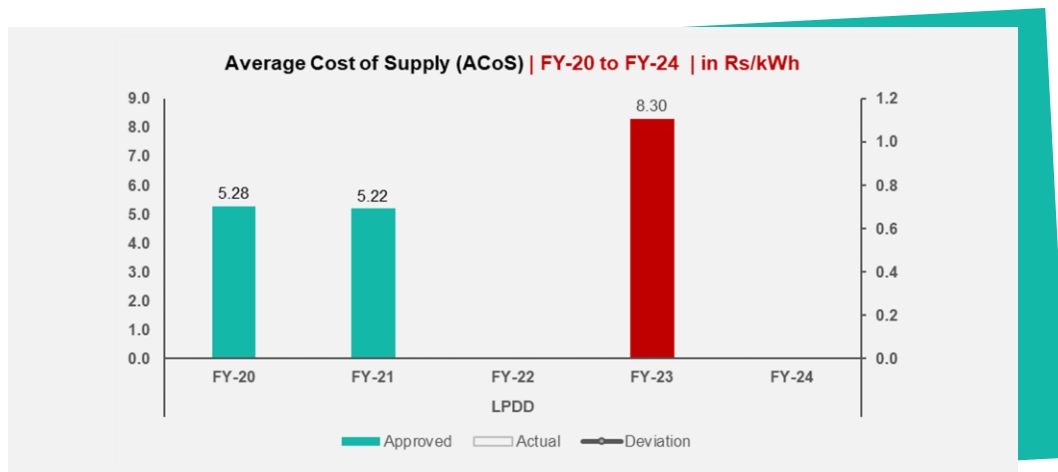
3. (b) Average Cost of Supply (ACoS)

The Approved and Actual ACoS as per the tariff order for FY 2019-20 to FY 2021-22 along with approved ACoS for FY 2022-23 and FY 2023-24 is provided as below:

(in Rs./ kWh)

Description	FY 2019-20		FY 2020-21		FY 2021-22		FY 2022-23	FY 2023-24
	Approved	Actual	Approved	Actual	Approved	Actual	Approved	Approved
LPDD	5.28	-	5.22	-	-	-	8.30	-
UT level	5.28	-	5.22	-	-	-	8.30	-

Note: Approved values as per Tariff Order & Actuals as per True up Order | excludes outside the state sale



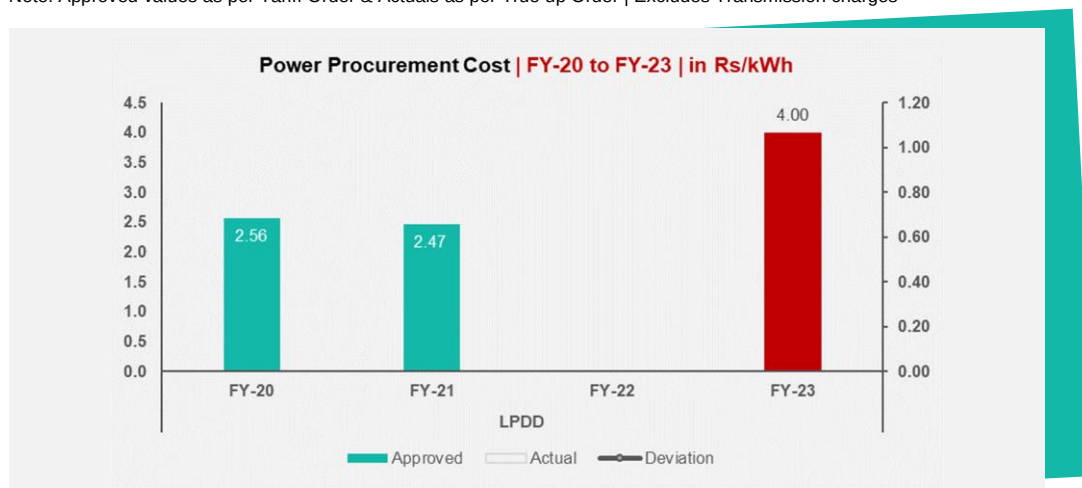
3. (c) Power Procurement Cost

The Power Procurement cost as approved by the State Commission in tariff order vs actual as per the approved true up of FY 2019-20 to FY 2021-22 is provided as below:

(in Rs./ kWh)

Description	FY 2019-20		FY 2020-21		FY 2021-22		FY 2022-23
	Approved	Actual	Approved	Actual	Approved	Actual	Approved
LPDD	2.56	-	2.47	-	-	-	4.00
UT level	2.56	-	2.47	-	-	-	4.00

Note: Approved values as per Tariff Order & Actuals as per True up Order | Excludes Transmission charges



3. (d) Expenses and Revenue

The difference in total expenses and revenues, as per filing in the tariff petition and the figures approved in tariff order by JERC-JKL for FY 2022-23, are given below:

(in Rs. Cr.)

Sr. No.	Particulars	Tariff Petition (I)	Tariff Order (II)	Disallowance (III= I-II)
1	Power Purchase Expenses*	111	121	(10)
2	O&M Expenses	62	20	41
3	Gross Aggregate Revenue Requirement	172	141	31
4	Less: Non-Tariff Income	0	0	0
5	Net Aggregate Revenue Requirement	172	141	31
6	Total Revenue*	96	87	10
7	Grant in aid by State Govt		54	
8	Revenue Gap for FY 2022-23		0	

Note: *including Transmission Charges | * at approved tariff

4. Cumulative Revenue Gap/ Surplus

(in Rs. Cr.)

Description	LPDD
Net Aggregate Revenue Requirement	141
Total Revenue	87
Grant in aid by State Govt	54
Total Revenue Gap approved for FY 2023-24	0

Note: This excludes past years revenue gap

5. Summary of Compliances

Sr. No.	Description	Status	Summary Latest Tariff Order: FY 2022-23 Latest True up Order: FY 2020-21 Approved Tariff Hike: ~17.40% New Regulatory Asset: Nil Proposed Liquidation Plan: Nil
1.	Tariff Order Issuance - Timeliness		
a)	Generation – Tariff Order	X	
b)	Transmission – Tariff Order	X	
c)	Distribution – Tariff Order	X	
d)	Distribution – True up Order	X	
2.	Creation of New Regulatory Assets	√	
3.	Cross subsidy within ±20% of ACoS – LT Industrial Category	X	
4.	Cross subsidy within ±20% of ACoS – HT Industrial Category	X	

Note: Complied (√) | Not Complied (X)



1. Tariff Order Issuance Timelines

1.1. Tariff Order (Generation) - JUUNL

Key Dates	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24
Filing of Tariff Petition	-	-	-	-	-
Tariff Issuance	25-Sep-18	25-Sep-18	-	-	-
Tariff Applicability	01-Apr-19	01-Apr-20	-	-	-
Disposal (in Days)	188	NA	-	-	-



1.2. Tariff Order (Transmission) - JUSNL

Key Dates	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24
Filing of Tariff Petition	-	-	17-Oct-22	17-Oct-22	17-Oct-22
Tariff Issuance	24-Feb-18	24-Feb-18	23-Jun-23	23-Jun-23	23-Jun-23
Tariff Applicability	01-Apr-19	01-Apr-20	01-Jul-23	-	-
Disposal (in Days)	188	-	249	NA	NA

Note: MYT Order for FY 2021-22 to FY 2025-26



1.3. (a) Tariff Order (Distribution) - JBVNL

Key dates	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24
Filing of Tariff Petition	19-Dec-18	30-Dec-19	01-Dec-20	01-Dec-20	01-Dec-20
Tariff Issuance	28-Feb-19	01-Oct-20	31-May-23	31-May-23	31-May-23
Tariff Applicability	01-Apr-19	01-Oct-20	01-Jul-23	-	-
Disposal (in Days)	71	276	911	NA	NA

Note: MYT Order for FY 2021-22 to FY 2025-26

1.3. (b) True up Order (Distribution) - JBVNL

Key Dates	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
Filing of Tariff Petition	30-Dec-19	01-Dec-20	-	-
True up Issuance	01-Oct-20	31-May-23	-	-
Disposal (in Days)	276	-	-	-

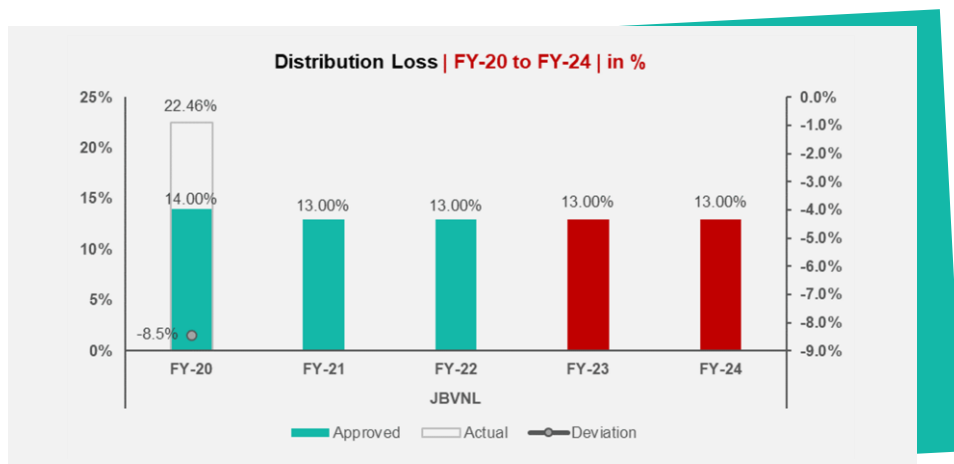
2. Distribution Loss

The Approved and Actual distribution loss for FY 2019-20 to FY 2021-22 and approved distribution loss for FY 2022-23 and FY 2023-24 are as below:

(in %)

Description	FY 2019-20		FY 2020-21		FY 2021-22		FY 2022-23	FY 2023-24
	Approved	Actual	Approved	Actual	Approved	Actual	Approved	Approved
JBVNL	14.00	22.46	13.00	-	13.00	-	13.00	13.00
State level	14.00	22.46	13.00	-	13.00	-	13.00	13.00

Note: Approved values as per Tariff Order & Actuals as per DISCOM filed in the True up Order



3. Cost Reflective Tariff

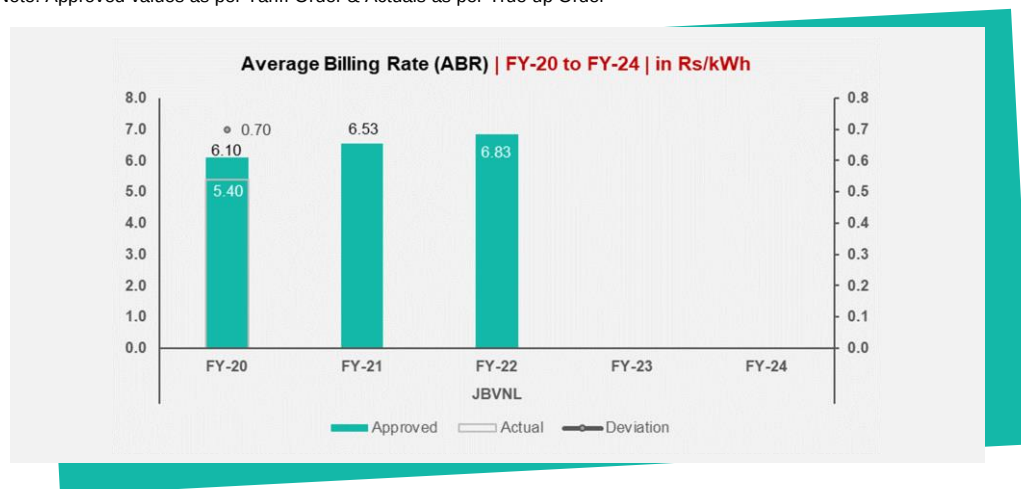
3. (a) Average Billing Rate (ABR)

The Approved and Actual ABR as per the tariff order for FY 2019-20 to FY 2021-22 along with approved ABR for FY 2022-23 and FY 2023-24 is provided as below:

(in Rs./ kWh)

Description	FY 2019-20		FY 2020-21		FY 2021-22		FY 2022-23	FY 2023-24
	Approved	Actual	Approved	Actual	Approved	Actual	Approved	Approved
JBVNL	6.10	5.40	6.53	-	6.83	-	-	-
State level	6.10	5.40	6.53	-	6.83	-	-	-

Note: Approved values as per Tariff Order & Actuals as per True up Order



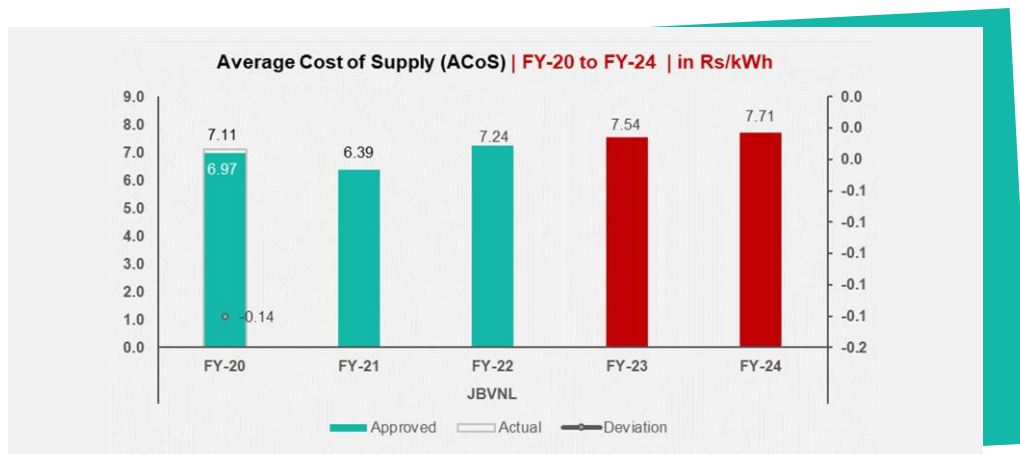
3. (b) Average Cost of Supply (ACoS)

The Approved and Actual ACoS as per the tariff order for FY 2019-20 to FY 2021-22 along with approved ACoS for FY 2022-23 and FY 2023-24 is provided as below:

(in Rs./ kWh)

Description	FY 2019-20		FY 2020-21		FY 2021-22		FY 2022-23	FY 2023-24
	Approved	Actual	Approved	Actual	Approved	Actual	Approved	Approved
JBVNL	6.97	7.11	6.39	-	7.24	-	7.54	7.71
State level	6.97	7.11	6.39	-	7.24	-	7.54	7.71

Note: Approved values as per Tariff Order & Actuals as per True up Order | includes outside the state sale



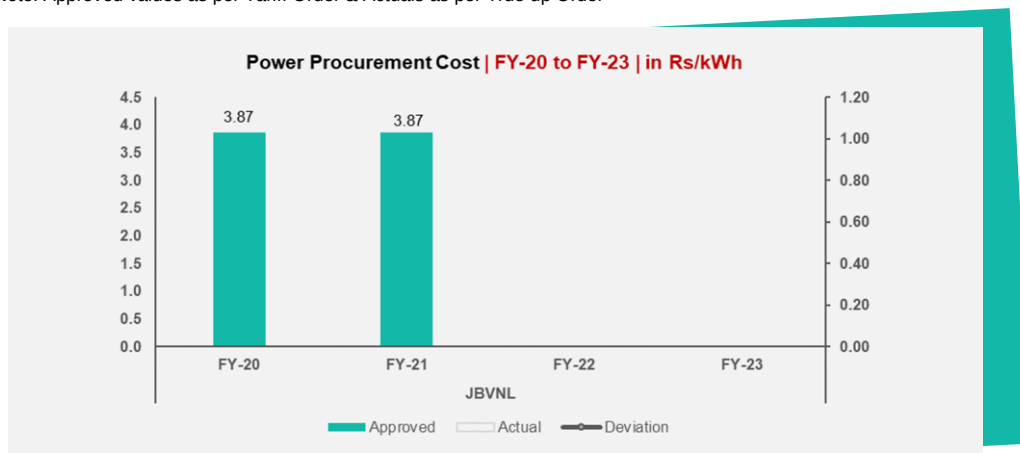
3. (c) Power Procurement Cost

The Power Procurement cost as approved by the State Commission in tariff order vs actual as per the approved true up of FY 2019-20 to FY 2021-22 is provided as below:

(in Rs./ kWh)

Description	FY 2019-20		FY 2020-21		FY 2021-22		FY 2022-23
	Approved	Actual	Approved	Actual	Approved	Actual	Approved
JBVNL	3.87	-	3.87	-	-	-	-
State level	3.87	-	3.87	-	-	-	-

Note: Approved values as per Tariff Order & Actuals as per True up Order



3. (d) Expenses and Revenue

The difference in total expenses and revenues, as per filing in the tariff petition and the figures approved in tariff order by JSERC for FY 2021-22, are given below:

(in Rs. Cr.)

Sr. No.	Particulars	Tariff Petition (I)	Tariff Order (II)	Disallowance (III= I-II)
1	Power Purchase Cost	5,453	4,494	959
2	Inter-State Transmission Charges	325	325	0
3	Intra-State Transmission Charges	236	200	37
4	O&M Expenses	586	575	11
a)	Employee Expenses	270	254	16
b)	A&G Expenses	85	97	(12)
c)	R&M Expenses	231	224	7
5	Depreciation	784	460	324
6	Interest on Long Term Loan	408	454	(46)
7	Interest on Working Capital Loan	30	13	17
8	Interest on Consumer Security Deposit	41	50	(9)
9	Return on Equity	476	476	(0)

Sr. No.	Particulars	Tariff Petition (I)	Tariff Order (II)	Disallowance (III= I-II)
10	Total Expenses	8,341	7,047	1,293
11	Less: Non-Tariff Income	351	351	0
12	Net Aggregate Revenue Requirement	7,990	6,697	1,293
13	Total Revenue at existing tariff	-	6,317	-
14	Revenue Gap	-	380	-
15	Total Revenue ^s	-	6,728	-
16	Revenue Surplus during FY 2021-22	-	31	-

Note: ^s at approved tariff

4. Cumulative Revenue Gap/ Surplus

(in Rs. Cr.)

Description	JBVNL
Opening Revenue Gap till FY 2021-22	5,372
Revenue Gap created during FY 2021-22	380
Closing Revenue Gap till FY 2021-22	5,752
Carrying Cost on opening balance @10.50%	564
Carrying Cost on additional gap during FY 2021-22	20
Total Revenue Gap including carrying cost till FY 2021-22	6,336
Additional Revenue with Tariff Hike for FY 2021-22	411
Total Revenue Gap till FY 2020-21	5,925

5. Summary of Compliances

Sr. No.	Description	Status	Summary Latest Tariff Order: FY 2021-22 Latest True up Order: FY 2021-20 Approved Tariff Hike: - 6.50% New Regulatory Asset: Nil Proposed Liquidation Plan: NA
1.	Tariff Order Issuance - Timeliness		
a)	Generation – Tariff Order	X	
b)	Transmission – Tariff Order	X	
c)	Distribution – Tariff Order	X	
d)	Distribution – True up Order	X	
2.	Creation of New Regulatory Assets	X	
3.	Cross subsidy within ±20% of ACoS – LT Industrial Category	X	
4.	Cross subsidy within ±20% of ACoS – HT Industrial Category	X	

Note: Complied (√) | Not Complied (X)

1. Tariff Order Issuance Timelines



1.1. Tariff Order (Generation) - KPCL

Key Dates	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24
Filing of Tariff Petition	-	-	-	-	-
Tariff Issuance	25-Feb-15	25-Feb-15	25-Feb-15	25-Feb-15	25-Feb-15
Tariff Applicability	01-Apr-19	01-Apr-20	01-Apr-21	01-Apr-22	01-Apr-23
Disposal (in Days)	NA	NA	NA	NA	NA

1.2. Tariff Order (Transmission) - KPTCL



Key Dates	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24
Filing of Tariff Petition	30-Nov-18	27-Nov-19	30-Nov-20	30-Nov-21	30-Nov-22
Tariff Issuance	30-May-19	04-Nov-20	09-Jun-21	04-Apr-22	12-May-23
Tariff Applicability	01-Apr-19	01-Nov-20	01-Apr-21	01-Apr-22	01-Apr-23
Disposal (in Days)	181	342	191	125	163

1.3. (a) Tariff Order (Distribution) - BESCOM/ CESC/ GESCOM/ HESSCOM/ MESCOM



Key dates	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24
Filing of Tariff Petition	30-Nov-18	28-Nov-19	30-Nov-20	30-Nov-21	30-Nov-22
Tariff Issuance	30-May-19	04-Nov-20	09-Jun-21	04-Apr-22	12-May-23
Tariff Applicability	01-Apr-19	01-Nov-20	01-Apr-21	01-Apr-22	01-Apr-23
Disposal (in Days)	181	342	191	125	163

1.3. (b) True up Order (Distribution) - BESCOM/ CESC/ GESCOM/ HESSCOM/ MESCOM

Key Dates	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
Filing of Tariff Petition	28-Nov-19	30-Nov-20	30-Nov-21	30-Nov-22
True up Issuance	04-Nov-20	09-Jun-21	04-Apr-22	12-May-23
Disposal (in Days)	342	191	125	163

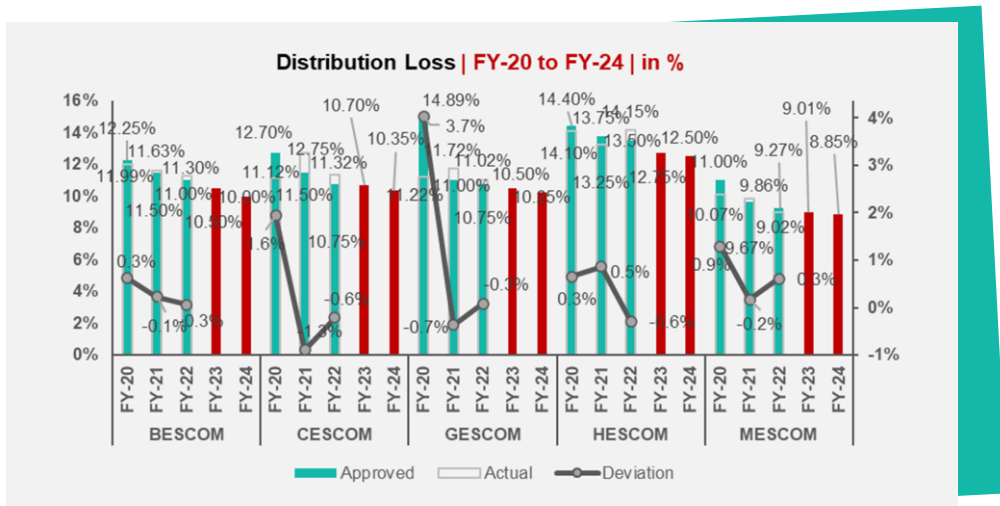
2. Distribution Loss

The Approved and Actual distribution loss for FY 2019-20 to FY 2021-22 and approved distribution loss for FY 2022-23 and FY 2023-24 are as below:

(in %)

Description	FY 2019-20		FY 2020-21		FY 2021-22		FY 2022-23	FY 2023-24
	Approved	Actual	Approved	Actual	Approved	Actual	Approved	Approved
BESCOM	12.25	11.99	11.50	11.63	11.00	11.30	10.50	10.00
CESC	12.70	11.12	11.50	10.75	10.70	11.32	14.75	10.35
GESCOM	14.89	11.22	11.00	11.72	10.75	11.02	10.50	10.25
HESCOM	14.40	14.10	13.75	13.25	13.50	14.15	12.75	12.50
MESCOM	11.00	10.07	9.67	9.86	9.27	9.02	9.01	8.85
State level	12.95	12.04	12.27	11.94	11.29	11.66	10.85	10.64

Note: Approved values as per Tariff Order & Actuals as per DISCOM filed in the True up Order



3. Cost Reflective Tariff

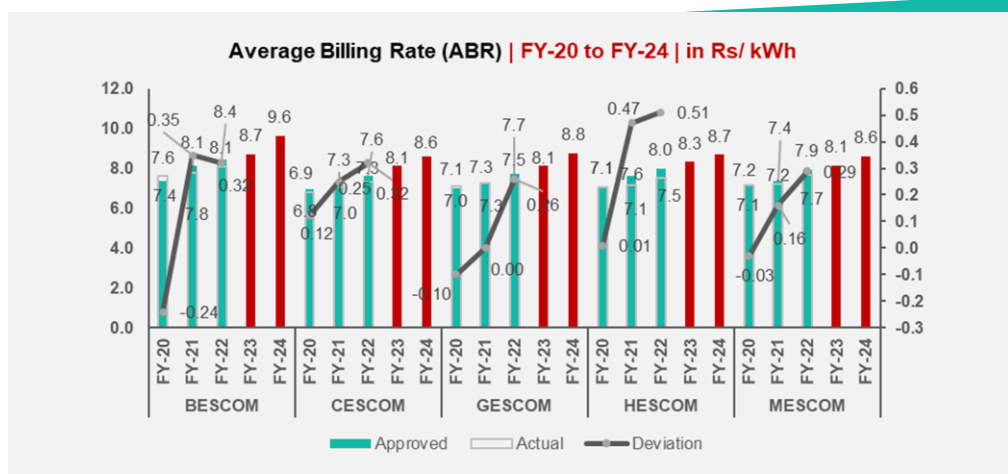
3. (a) Average Billing Rate (ABR)

The Approved and Actual ABR as per the tariff order for FY 2019-20 to FY 2021-22 along with approved ABR for FY 2022-23 and FY 2023-24 is provided as below:

(in Rs./ kWh)

Description	FY 2019-20		FY 2020-21		FY 2021-22		FY 2022-23	FY 2023-24
	Approved	Actual	Approved	Actual	Approved	Actual	Approved	Approved
BESCOM	7.37	7.61	8.14	7.79	8.42	8.10	8.70	9.62
CESC	6.93	6.81	7.29	7.04	7.61	7.29	8.11	8.59
GESCOM	7.02	7.12	7.25	7.25	7.74	7.48	8.11	8.75
HESCO	7.07	7.07	7.60	7.13	8.00	7.49	8.31	8.69
MESCO	7.13	7.16	7.38	7.22	7.94	7.65	8.13	8.61
State level	7.20	7.31	7.77	7.45	8.12	7.76	8.43	9.12

Note: Approved values as per Tariff Order & Actuals as per True up Order



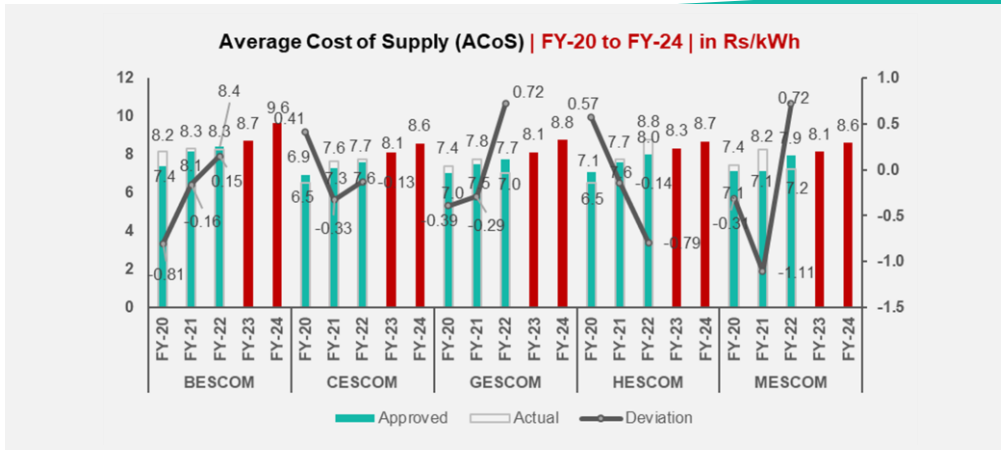
3. (b) Average Cost of Supply (ACoS)

The Approved and Actual ACoS as per the tariff order for FY 2019-20 to FY 2021-22 along with approved ACoS for FY 2022-23 and FY 2023-24 is provided as below:

(in Rs./ kWh)

Description	FY 2019-20		FY 2020-21		FY 2021-22		FY 2022-23	FY 2023-24
	Approved	Actual	Approved	Actual	Approved	Actual	Approved	Approved
BESCOM	7.37	8.18	8.14	8.30	8.42	8.27	8.70	9.62
CESC	6.93	6.52	7.30	7.63	7.61	7.74	8.11	8.59
GESCOM	7.02	7.41	7.47	7.76	7.74	7.02	8.11	8.75
HESCOM	7.08	6.51	7.60	7.74	8.00	8.79	8.31	8.69
MESCOM	7.13	7.44	7.13	8.24	7.94	7.22	8.13	8.61
State level	7.20	7.51	7.77	8.03	8.12	8.05	8.43	9.12

Note: Approved values as per Tariff Order & Actuals as per True up Order | excludes outside the state sale



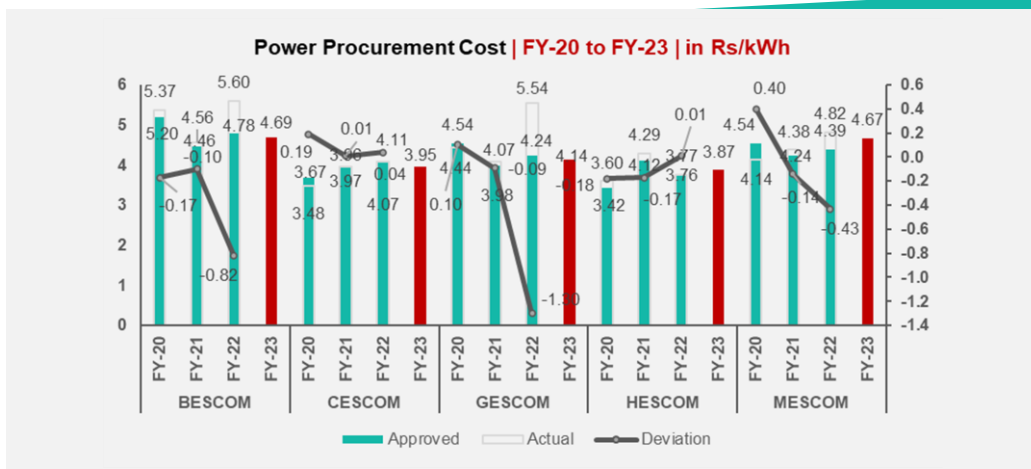
3. (c) Power Procurement Cost

The Power Procurement cost as approved by the State Commission in tariff order vs actual as per the approved true up of FY 2019-20 to FY 2021-22 is provided as below:

(in Rs./ kWh)

Description	FY 2019-20		FY 2020-21		FY 2021-22		FY 2022-23
	Approved	Actual	Approved	Actual	Approved	Actual	Approved
BESCOM	5.20	5.37	4.46	4.56	4.78	5.60	4.69
CESC	3.67	3.48	3.97	3.96	4.11	4.07	3.95
GESCOM	4.54	4.44	3.98	4.07	4.24	5.54	4.14
HESCOM	3.42	3.60	4.12	4.29	3.77	3.76	3.87
MESCOM	4.54	4.14	4.24	4.38	4.39	4.82	4.69
State level	4.73	4.58	4.26	4.36	4.24	4.98	4.28

Note: Approved values as per Tariff Order & Actuals as per True up Order | Excludes Transmission charges



3. (d) Expenses and Revenue

The difference in total expenses and revenues, as per filing in the tariff petition and the figures approved in tariff order by KERC for FY 2023-24, are given below:

(in Rs. Cr.)

Sr. No.	Particulars	BESCOM			CESC			GESCOM		
		Tariff Petition (I)	Tariff Order (II)	Disallowance (III= I-II)	Tariff Petition (I)	Tariff Order (II)	Disallowance (III= I-II)	Tariff Petition (I)	Tariff Order (II)	Disallowance (III= I-II)
1	Revenue from tariff and Misc. Charges	23,174	23,825	(651)	3,475	3,596	(121)	4,137	4,194	(57)
2	Tariff Subsidy to BJ/KJ	155	155	0	79	77	2	224	213	11
3	Tariff Subsidy to IP	2,851	2,794	57	2,019	1,974	44	2,426	2,426	0
4	Total Existing Revenue	26,181	26,774	(593)	5,573	5,648	(75)	6,788	6,834	(46)
5	Power Purchase Cost	21,396	20,342	1,055	4,018	3,657	361	5,537	5,657	(120)
6	Transmission charges of KPTCL	2,775	2,865	(90)	582	616	(34)	647	605	43
7	SLDC Charges	16	14	2	3	3	1	4	3	1
8	Total Power Purchase Cost	24,187	23,221	966	4,603	4,276	328	6,189	6,265	(76)
9	Total O&M Expenses	3,165	2,962	203	975	1,087	(112)	1,145	1,164	(18)
10	Depreciation	1,212	1,219	(7)	432	305	127	246	231	16
11	Interest on Loans	739	767	(28)	216	189	27	300	120	180
12	Interest on Working capital	552	542	11	222	120	102	162	142	20
13	Interest on consumer deposits	295	343	(48)	65	63	1	28	44	(16)
14	Other Interest & Finance charges	53	43	10	13	13	0	0	0	0
15	Less: Net interest & other expenses capitalized	209	209	0	10	10	0	0	0	0
16	Total Interest & Finance charges	1,431	1,486	(55)	505	375	130	490	307	183
17	Other Debits	344	0	344	12	0	12	65	0	65
18	RoE with MAT	1	1	0	0	0	0	0	0	0
19	Funds towards Consumer Relations	0	0	0	0	1	(1)	0	1	(1)
20	Regulatory Assets and carrying cost	190	480	(290)	0	0	0	0	0	0
21	Less: Other Income	30,150	28,408	1,742	288	194	94	186	181	5
22	ARR	23,174	23,825	(651)	6,240	5,849	391	7,949	7,785	164
23	Deficit/ Surplus for FY22 carried forward	464	464	0	383	300	83	10	357	(347)
24	Net ARR	30,614	28,873	1,741	6,622	6,148	(474)	7,939	7,428	511
25	Net Deficit/ (Surplus)	4,433	2,099	2,335	1,050	501	549	1,151	594	557

Sr. No.	Particulars	HESCOM			MESCOM			State		
		Tariff Petition (I)	Tariff Order (II)	Disallowance (III= I-II)	Tariff Petition (I)	Tariff Order (II)	Disallowance (III= I-II)	Tariff Petition (I)	Tariff Order (II)	Disallowance (III= I-II)
1	Revenue from tariff and Misc. Charges	4,949	4,945	3	3,393	3,349	44	39,129	39,910	(781)
2	Tariff Subsidy to BJ/KJ	135	133	3	29	27	1	622	606	17
3	Tariff Subsidy to IP	5,111	4,935	176	1,024	1,007	17	13,431	13,137	294
4	Total Existing Revenue	10,195	10,013	182	4,445	4,384	62	53,182	53,653	(471)
5	Power Purchase Cost	6,692	5,969	723	3,384	3,203	180	41,028	38,828	2,200
6	Transmission charges of KPTCL	1,011	1,066	(55)	401	425	23	5,416	5,576	(159)
7	SLDC Charges	6	5	1	2	2	0	32	28	4
8	Total Power Purchase Cost	7,710	7,041	669	3,787	3,630	158	46,476	44,432	2,044
9	Total O&M Expenses	1,536	1,655	(119)	1,049	891	157	7,870	7,759	111
10	Depreciation	363	381	(19)	204	192	12	2,456	2,328	129
11	Interest on Loans	424	348	76	131	118	12	1,809	1,542	267
12	Interest on Working capital	315	211	104	91	93	(2)	1,342	1,108	234
13	Interest on consumer deposits	48	72	(24)	50	53	(3)	485	575	(89)
14	Other Interest & Finance charges	28	28	0	2	2	0	96	86	10
15	Less: Net interest & other expenses capitalized	40	40	0	0	0	0	259	259	0
16	Total Interest & Finance charges	775	619	156	272	265	7	3,473	3,051	422
17	Other Debits	68	0	68	9	0	9	499	0	499
18	RoE with MAT	0	0	0	183	159	24	184	160	24
19	Funds towards Consumer Relations	1	1	0	1	1	0	1	2	(1)
20	Regulatory Assets and carrying cost	356	0	356	0	0	0	167	480	313
21	Less: Other Income	431	344	87	68	143	(75)	29,177	27,546	1,631
22	ARR	10,377	9,352	1,024	5,437	4,995	442	53,177	51,806	1,371
23	Deficit/ Surplus for FY22 carried forward	1,723	1,537	186	223	224	(1)	2,337	1,720	617
24	Net ARR	12,100	10,890	1,210	5,214	4,771	443	62,490	58,110	4,380
25	Net Deficit/ (Surplus)	1,905	876	1,029	769	388	381	9,308	4,458	4,850

4. Cumulative Revenue Gap/ Surplus

(in Rs. Cr.)

Description	BESCOM	CESC	GESCOM	HESCOM	MESCOM	State
Net ARR (including carrying forward gap of FY 2020-21)	28,873	6,148	7,428	10,890	4,771	58,110
Revenue from Tariff in FY 2022-23	26,774	5,648	6,834	10,013	4,384	53,653
Revenue Gap for FY 2023-24	2,099	501	594	876	388	4,458
Gap to be met through tariff hike	2,099	501	594	876	388	4,458
Cumulative Revenue Gap for FY 2023-24	0	0	0	0	0	0

5. Summary of Compliances

Sr. No.	Description	Status	Summary
1.	Tariff Order Issuance - Timeliness		
a)	Generation – Tariff Order	√	Latest Tariff Order: FY 2022-24
b)	Transmission – Tariff Order	X	Latest True up Order: FY 2020-22
c)	Distribution – Tariff Order	X	Approved Tariff Hike: 7.84% to 8.86%
d)	Distribution – True up Order	X	New Regulatory Asset: Nil
2.	Creation of New Regulatory Assets	Nil	Proposed Liquidation Plan: NA
3.	Cross subsidy within ±20% of ACoS – LT Industrial Category	X	
4.	Cross subsidy within ±20% of ACoS – HT Industrial Category	X	

Note: Complied (√) | Not Complied (X)



1. Tariff Order Issuance Timelines

1.1. Tariff Order (Generation)# - KSEBL

Key Dates	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24
Filing of Tariff Petition	31-Oct-18	31-Oct-18	31-Oct-18	31-Jan-22	07-Feb-23
Tariff Issuance	08-Jul-19	08-Jul-19	08-Jul-19	25-Jun-22	-
Tariff Applicability	08-Jul-19	01-Apr-20	01-Apr-21	26-Jun-22	-
Disposal (in Days)	250	NA	NA	145	-

Note: Tariff revision proposal filed for FY 2023-24 to FY 2026-27



1.2. Tariff Order (Transmission) - KSEBL

Key Dates	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24
Filing of Tariff Petition	31-Oct-18	31-Oct-18	31-Oct-18	31-Jan-22	07-Feb-23
Tariff Issuance	08-Jul-19	08-Jul-19	08-Jul-19	25-Jun-22	-
Tariff Applicability	08-Jul-19	01-Apr-20	01-Apr-21	26-Jun-22	-
Disposal (in Days)	250	NA	NA	145	-



1.3. (a) Tariff Order (Distribution) - KSEBL

Key dates	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24
Filing of Tariff Petition	31-Oct-18	31-Oct-18	31-Oct-18	31-Jan-22	07-Feb-23
Tariff Issuance	08-Jul-19	08-Jul-19	08-Jul-19	25-Jun-22	-
Tariff Applicability	08-Jul-19	01-Apr-20	01-Apr-21	26-Jun-22	-
Disposal (in Days)	250	NA	NA	145	-

Note : : MYT Order for FY 2022-23 to FY 2026-27 | Tariff revision proposal filed for FY 2023-24 to FY 2026-27

1.3. (b) True up Order (Distribution) - KSEBL

Key Dates	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
Filing of Tariff Petition	27-Mar-20	10-Jan-22	10-Jan-22	-
True up Issuance	14-Jun-22	21-Jun-22	24-Jun-22	-
Disposal (in Days)	809	162	165	-

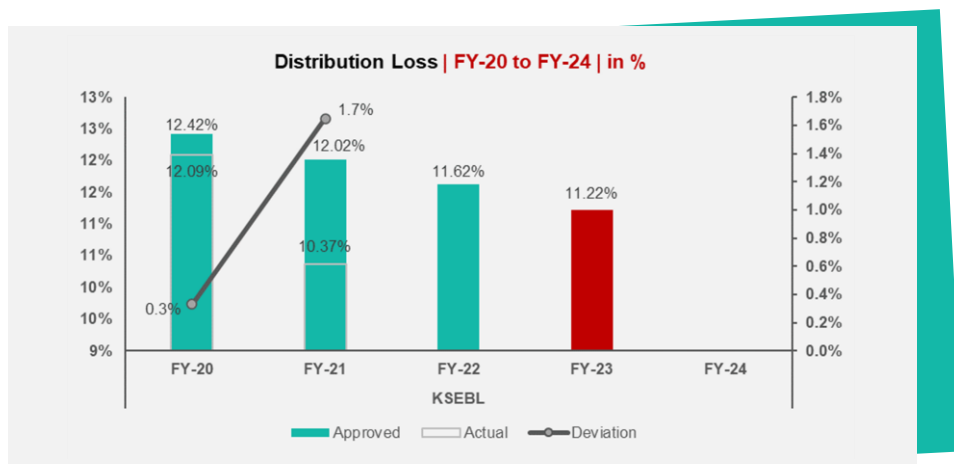
2. Distribution Loss

The Approved and Actual distribution loss for FY 2019-20 to FY 2021-22 and approved distribution loss for FY 2022-23 and FY 2023-24 are as below:

(in %)

Description	FY 2019-20		FY 2020-21		FY 2021-22		FY 2022-23	FY 2023-24
	Approved	Actual	Approved	Actual	Approved	Actual	Approved	Approved
KSEBL	12.42	12.09	12.02	10.37	11.62	-	11.22	-
State level	12.42	12.09	12.02	10.37	11.62	-	11.22	-

Note: Approved values as per Tariff Order & Actuals as per DISCOM filed in the True up Order | includes Transmission losses



3. Cost Reflective Tariff

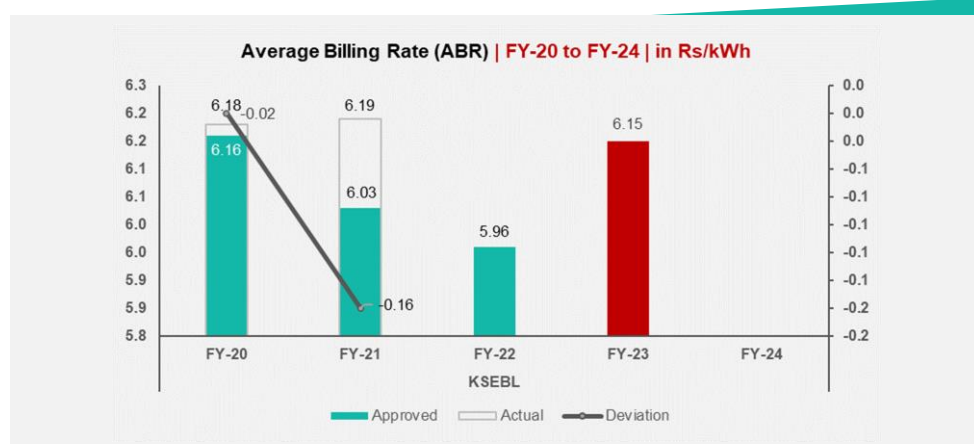
3. (a) Average Billing Rate (ABR)

The Approved and Actual ABR as per the tariff order for FY 2019-20 to FY 2021-22 along with approved ABR for FY 2022-23 and FY 2023-24 is provided as below:

(in Rs./ kWh)

Description	FY 2019-20		FY 2020-21		FY 2021-22		FY 2022-23	FY 2023-24
	Approved	Actual	Approved	Actual	Approved	Actual	Approved	Approved
KSEBL	6.16	6.18	6.03	6.19	5.96	-	6.15	-
State level	6.16	6.18	6.03	6.19	5.96	-	6.15	-

Note: Approved values as per Tariff Order & Actuals as per True up Order



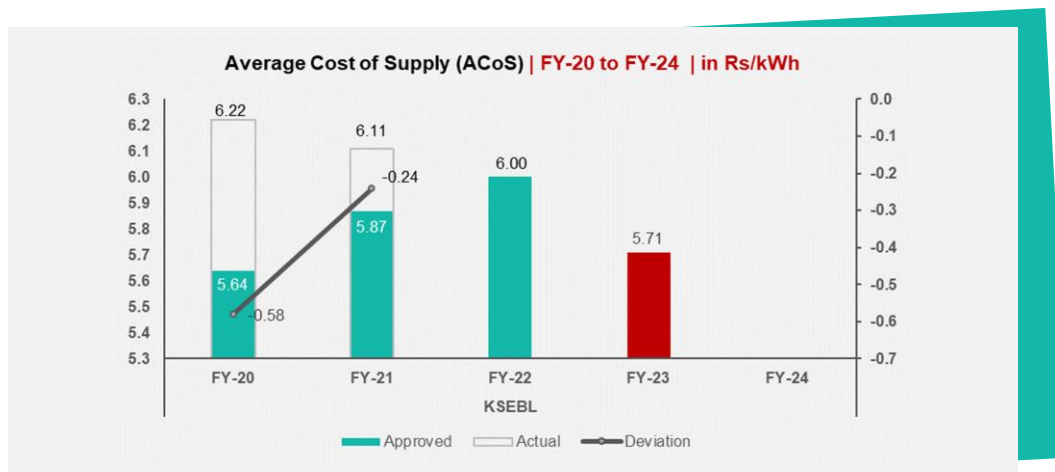
3. (b) Average Cost of Supply (ACoS)

The Approved and Actual ACoS as per the tariff order for FY 2019-20 to FY 2021-22 along with approved ACoS for FY 2022-23 and FY 2023-24 is provided as below:

(in Rs./ kWh)

Description	FY 2019-20		FY 2020-21		FY 2021-22		FY 2022-23	FY 2023-24
	Approved	Actual	Approved	Actual	Approved	Actual	Approved	Approved
KSEBL	5.64	6.22	5.87	6.11	6.00	-	5.71	-
State level	5.64	6.22	5.87	6.11	6.00	-	5.71	-

Note: Approved values as per Tariff Order & Actuals as per True up Order | includes outside the state sale



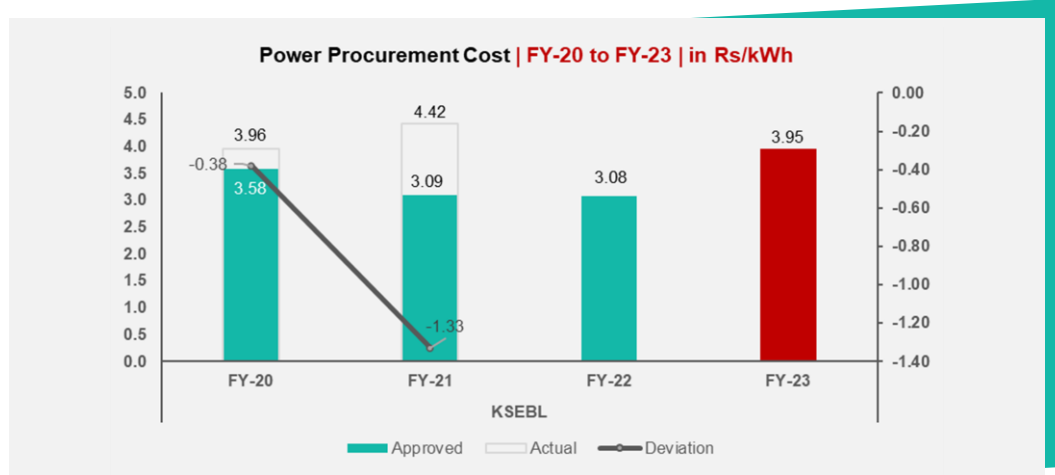
3. (c) Power Procurement Cost

The Power Procurement cost as approved by the State Commission in tariff order vs actual as per the approved true up of FY 2019-20 to FY 2021-22 is provided as below:

(in Rs./ kWh)

Description	FY 2019-20		FY 2020-21		FY 2021-22		FY 2022-23
	Approved	Actual	Approved	Actual	Approved	Actual	Approved
KSEBL	3.58	3.96	3.09	4.22	3.08	-	3.95
State level	3.58	3.96	3.09	4.22	3.08	-	3.95

Note: Approved values as per Tariff Order & Actuals as per True up Order | Excludes Transmission charges



3. (d) Expenses and Revenue

The difference in total expenses and revenues, as per filing in the tariff petition and the figures approved in tariff order by KSERC for FY 2022-23, are given below:

(in Rs. Cr.)

Sr. No.	Particulars	Tariff Petition (I)	Tariff Order (II)	Disallowance (III= I-II)
1	Cost of Generation	705	614	91
2	Cost of Power Purchase	10,012	9,834	179
3	Cost of Intra State Transmission	1,508	1,311	198
4	O&M Expenses	3,391	3,345	46
5	Interest & Finance Charges	1,855	1,650	206
6	Additional contribution to Master Trust	333	333	0
7	Depreciation	279	266	13
8	Recovery of previous gap	981	850	131

Sr. No.	Particulars	Tariff Petition (I)	Tariff Order (II)	Disallowance (III= I-II)
9	Repayment of Bond	339	339	0
10	Total Revenue Expenditure	19,405	18,542	863
11	Return on Equity	254	254	0
12	Aggregate Revenue Requirement	19,659	18,795	863
13	Less: Non-Tariff Income	829.04	829.04	0
14	Net Revenue Requirement	18,830	17,966	863
15	Total Revenue ^s	15,977	16,039	(62)
16	Total Revenue Gap approved for FY 2022-23	2,853	1,927	925

Note: ^s at approved tariff

4. Cumulative Revenue Gap/ Surplus

(in Rs. Cr.)

Description	KSEBL
Total Revenue Gap till FY 2019-20*	7,206
Revenue Surplus for FY 2020-21*	82
Total Revenue Gap till FY 2020-21*	7,124
Recovery proposed to be amortized during FY 2021-22*	850
Closing Revenue Gap for FY 2023-24	6,274

Note: *Provisional

5. Summary of Compliances

Sr. No.	Description	Status
1.	Tariff Order Issuance - Timeliness	
a)	Generation – Tariff Order	X
b)	Transmission – Tariff Order	X
c)	Distribution – Tariff Order	X
d)	Distribution – True up Order	X
2.	Creation of New Regulatory Assets	√
3.	Cross subsidy within ±20% of ACoS – LT Industrial Category	√
4.	Cross subsidy within ±20% of ACoS – HT Industrial Category	√

Note: Complied (√) | Not Complied (X)

Summary

Latest Tariff Order: FY 2022-23

Latest True up Order: FY 2020-21

Approved Tariff Hike: ~4-7%

New Regulatory Asset: Nil

Proposed Liquidation Plan: Yes



1. Tariff Order Issuance Timelines

1.1. Tariff Order (Generation)[#] - LED

Key Dates	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24
Filing of Tariff Petition	NA	NA	NA	NA	NA
Tariff Issuance	NA	NA	NA	NA	NA
Tariff Applicability	NA	NA	NA	NA	NA
Disposal (in Days)	NA	NA	NA	NA	NA

Note: State exempted from issuance of tariff order.



1.2. Tariff Order (Transmission)[#] - LED

Key Dates	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24
Filing of Tariff Petition	NA	NA	NA	NA	NA
Tariff Issuance	NA	NA	NA	NA	NA
Tariff Applicability	NA	NA	NA	NA	NA
Disposal (in Days)	NA	NA	NA	NA	NA

Note: State exempted from issuance of tariff order



1.3. (a) Tariff Order (Distribution) - LED

Key dates	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24
Filing of Tariff Petition	28-Dec-18	30-Nov-19	12-Feb-21	06-Jan-22	26-Dec-22
Tariff Issuance	20-May-19	18-May-20	31-Mar-21	31-Mar-22	28-Mar-23
Tariff Applicability	01-Jun-19	01-Jun-20	01-Apr-21	01-Apr-22	01-Apr-23
Disposal (in Days)	143	170	47	84	92

1.3. (b) True up Order (Distribution) - LED

Key Dates	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
Filing of Tariff Petition	06-Jan-22	-	-	-
True up Issuance	31-Mar-22	-	-	-
Disposal (in Days)	84	-	-	-

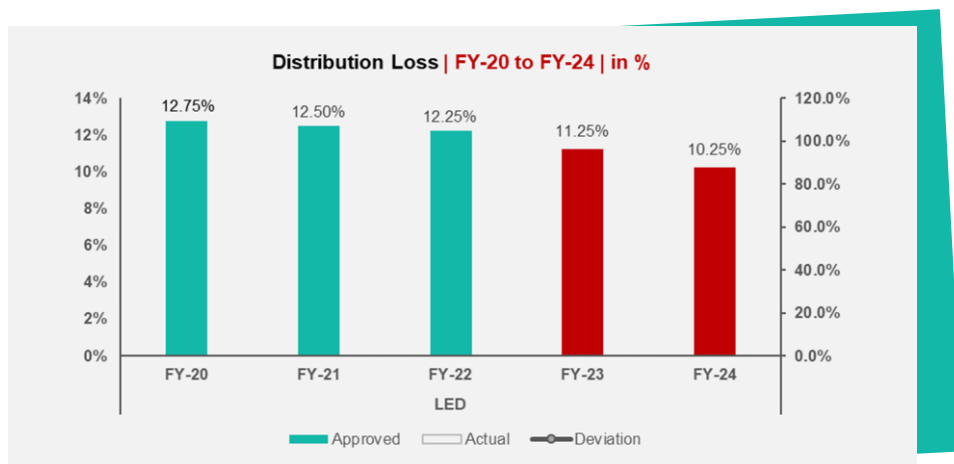
2. Distribution Loss

The Approved and Actual distribution loss for FY 2019-20 to FY 2021-22 and approved distribution loss for FY 2022-23 and FY 2023-24 are as below:

(in %)

Description	FY 2019-20		FY 2020-21		FY 2021-22		FY 2022-23	FY 2023-24
	Approved	Actual	Approved	Actual	Approved	Actual	Approved	Approved
LED	12.75	-	12.50	-	12.25	-	11.25	10.25
UT level	12.75	-	12.50	-	12.25	-	11.25	10.25

Note: Approved values as per Tariff Order & Actuals as per DISCOM filed in the True up Order | includes transmission loss



3. Cost Reflective Tariff

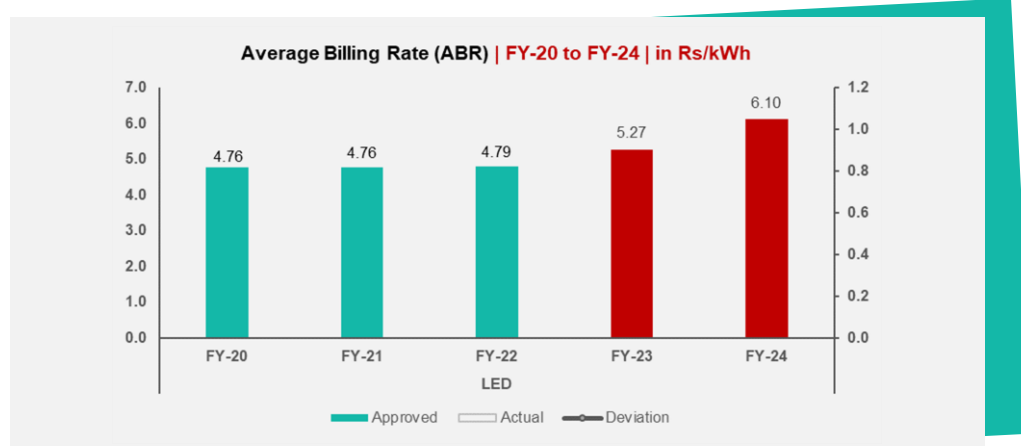
3. (a) Average Billing Rate (ABR)

The Approved and Actual ABR as per the tariff order for FY 2019-20 to FY 2021-22 along with approved ABR for FY 2022-23 and FY 2023-24 is provided as below:

(in Rs./ kWh)

Description	FY 2019-20		FY 2020-21		FY 2021-22		FY 2022-23	FY 2023-24
	Approved	Actual	Approved	Actual	Approved	Actual	Approved	Approved
LED	4.76	-	4.76	-	4.79	-	5.27	6.10
UT level	4.76	-	4.76	-	4.79	-	5.27	6.10

Note: Approved values as per Tariff Order & Actuals as per True up Order



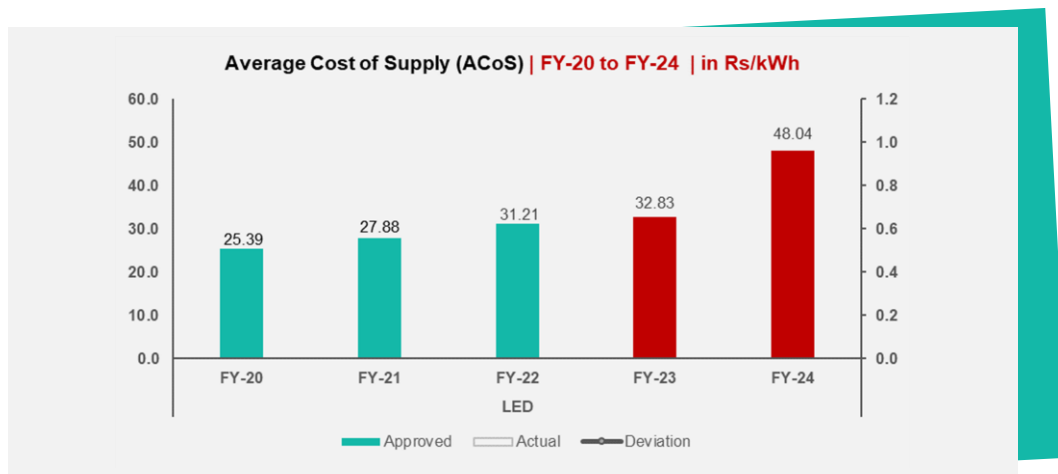
3. (b) Average Cost of Supply (ACoS)

The Approved and Actual ACoS as per the tariff order for FY 2019-20 to FY 2021-22 along with approved ACoS for FY 2022-23 and FY 2023-24 is provided as below:

(in Rs./ kWh)

Description	FY 2019-20		FY 2020-21		FY 2021-22		FY 2022-23	FY 2023-24
	Approved	Actual	Approved	Actual	Approved	Actual	Approved	Approved
LED	25.39	-	27.88	-	31.21	-	32.83	48.04
UT level	25.39	-	27.88	-	31.21	-	32.83	48.04

Note: Approved values as per Tariff Order & Actuals as per True up Order | includes outside the state sale



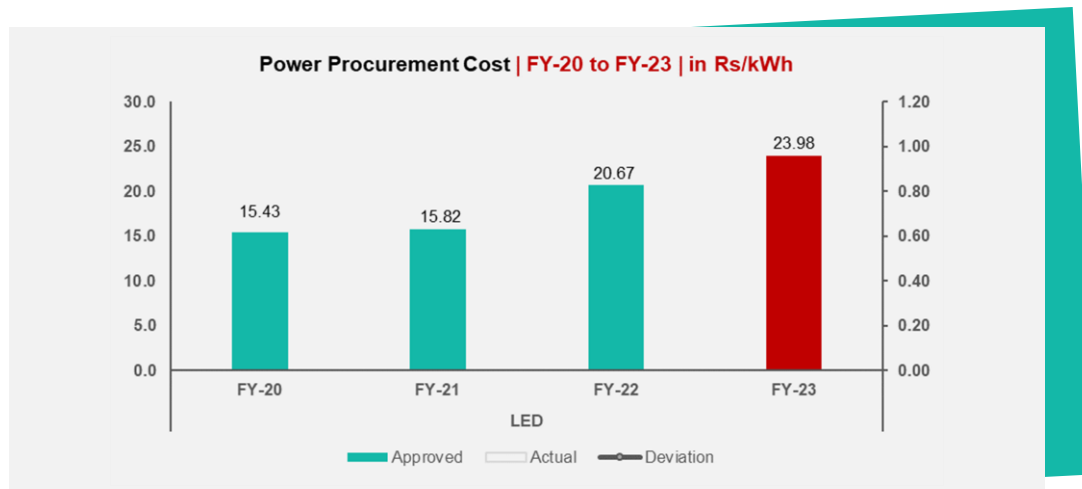
3. (c) Power Procurement Cost

The Power Procurement cost as approved by the State Commission in tariff order vs actual as per the approved true up of FY 2019-20 to FY 2021-22 is provided as below:

(in Rs./ kWh)

Description	FY 2019-20		FY 2020-21		FY 2021-22		FY 2022-23
	Approved	Actual	Approved	Actual	Approved	Actual	Approved
LED	15.43	-	15.82	-	20.67	-	23.98
UT level	15.43	-	15.82	-	20.67	-	23.98

Note: Approved values as per Tariff Order & Actuals as per True up Order | includes Transmission charges



3. (d) Expenses and Revenue

The difference in total expenses and revenues, as per filing in the tariff petition and the figures approved in tariff order by JERC for FY 2023-24, are given below:

(in Rs. Cr.)

Sr. No.	Particulars	Tariff Petition (I)	Tariff Order (II)	Disallowance (III= I-II)
1	Power Purchase Expenses	208	201	7
2	O&M Expenses	35	40	(5)
a)	Employee Expenses	24	26	(2)
b)	R&M Expenses	9	9	0
c)	A&G Expenses	3	6	(3)
3	Depreciation	8	6	2
4	Interest on Charges	1	1	0

Sr. No.	Particulars	Tariff Petition (I)	Tariff Order (II)	Disallowance (III= I-II)
5	Return on Equity	10	10	0
6	Total Revenue Requirement	264	259	5
7	Less: Non-Tariff Income	1	1	0
8	Net Revenue Requirement	262	258	5
9	Total Revenue ^s	39	33	6
10	Total Revenue Gap till FY 2023-24	223	225	(2)

Note: ^s at approved tariff

4. Cumulative Revenue Gap/ Surplus

(in Rs. Cr.)

Description	LED
Closing Revenue Gap till FY 2022-23	-
Annual Revenue Requirement for FY 2023-24	258
Revenue from sale of power	33
Total Revenue Gap till FY 2023-24	225
Gap to be met through Budgetary support	225
Total Revenue Gap approved for FY 2023-24	-

5. Summary of Compliances

Sr. No.	Description	Status
1.	Tariff Order Issuance - Timeliness	
a)	Generation – Tariff Order	NA
b)	Transmission – Tariff Order	NA
c)	Distribution – Tariff Order	√
d)	Distribution – True up Order	X
2.	Creation of New Regulatory Assets	√
3.	Cross subsidy within ±20% of ACoS – LT Industrial Category	X
4.	Cross subsidy within ±20% of ACoS – HT Industrial Category	X

Note: Complied (√) | Not Complied (X)

Summary

Latest Tariff Order: FY 2023-24

Latest True up Order: FY 2018-19

Approved Tariff Hike: ~13.40%

New Regulatory Asset: Nil

Proposed Liquidation Plan: NA

1. Tariff Order Issuance Timelines



1.1. Tariff Order (Generation) - MPPGCL

Key Dates	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24
Filing of Tariff Petition	13-Aug-20	13-Aug-20	13-Aug-20	13-Aug-20	13-Aug-20
Tariff Issuance	19-May-21	19-May-21	19-May-21	19-May-21	19-May-21
Tariff Applicability	01-Apr-19	01-Apr-20	01-Apr-21	01-Apr-22	01-Apr-23
Disposal (in Days)	279	NA	NA	NA	NA

Note: MYT Order for FY 2019-20 to FY 2023-24

1.2. Tariff Order (Transmission) - MPPTCL



Key Dates	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24
Filing of Tariff Petition	26-Jun-20	26-Jun-20	26-Jun-20	26-Jun-20	26-Jun-20
Tariff Issuance	19-May-21	19-May-21	19-May-21	19-May-21	19-May-21
Tariff Applicability	01-Apr-19	01-Apr-20	01-Apr-21	01-Apr-22	01-Apr-23
Disposal (in Days)	327	NA	NA	NA	NA

Note: MYT Order for FY 2019-20 to FY 2023-24

1.3. (a) Tariff Order (Distribution) - MPMaKVVCL/ MPPaKVVCL/ MPPoKVVCL



Key dates	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24
Filing of Tariff Petition	30-Jan-19	29-Nov-19	15-Jan-21	07-Feb-22	30-Nov-22
Tariff Issuance	08-Aug-19	17-Dec-20	30-Jun-21	31-Mar-22	28-Mar-23
Tariff Applicability	17-Aug-19	26-Dec-20	08-Jul-21	08-Apr-22	05-Apr-23
Disposal (in Days)	190	384	166	52	118

1.3. (b) True up Order (Distribution) - MPMaKVVCL/ MPPaKVVCL/ MPPoKVVCL

Key Dates	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
Filing of Tariff Petition	16-Jul-20	07-Dec-20	14-Dec-21	29-Nov-22
True up Issuance	28-May-21	12-Oct-21	23-Mar-22	20-Mar-23
Disposal (in Days)	316	309	99	111

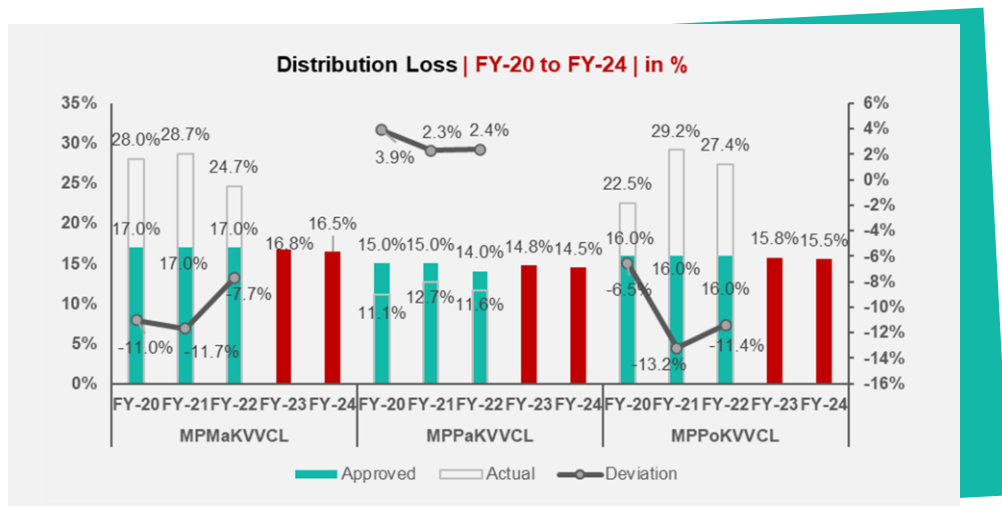
2. Distribution Loss

The Approved and Actual distribution loss for FY 2019-20 to FY 2021-22 and approved distribution loss for FY 2022-23 and FY 2023-24 are as below:

(in %)

Description	FY 2019-20		FY 2020-21		FY 2021-22		FY 2022-23	FY 2023-24
	Approved	Actual	Approved	Actual	Approved	Actual	Approved	Approved
MPMaKVVCL	17.00	28.03	17.00	28.69	17.00	24.67	16.75	16.50
MPPaKVVCL	15.00	11.10	15.00	12.71	14.00	11.61	14.75	14.50
MPPoKVVCL	16.00	22.52	16.00	29.19	16.00	27.40	15.75	15.50
State level	15.92	20.18	15.94	20.00	15.94	-	15.69	15.95

Note: Approved values as per Tariff Order & Actuals as per DISCOM filed in the True up Order



3. Cost Reflective Tariff

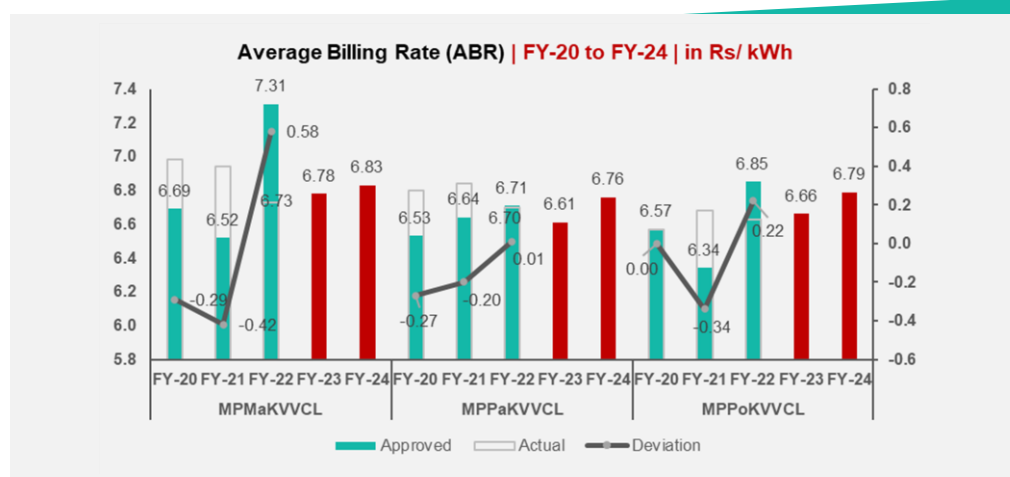
3. (a) Average Billing Rate (ABR)

The Approved and Actual ABR as per the tariff order for FY 2019-20 to FY 2021-22 along with approved ABR for FY 2022-23 and FY 2023-24 is provided as below:

(in Rs./ kWh)

Description	FY 2019-20		FY 2020-21		FY 2021-22		FY 2022-23	FY 2023-24
	Approved	Actual	Approved	Actual	Approved	Actual	Approved	Approved
MPMaKVVCL	6.69	6.98	6.52	6.94	7.31	6.73	6.78	6.83
MPPaKVVCL	6.53	6.80	6.64	6.84	6.71	6.70	6.61	6.76
MPPoKVVCL	6.57	6.57	6.34	6.68	6.85	6.63	6.66	6.79
State level	6.59	6.79	6.51	6.83	6.94	6.69	6.68	6.79

Note: Approved values as per Tariff Order & Actuals as per True up Order



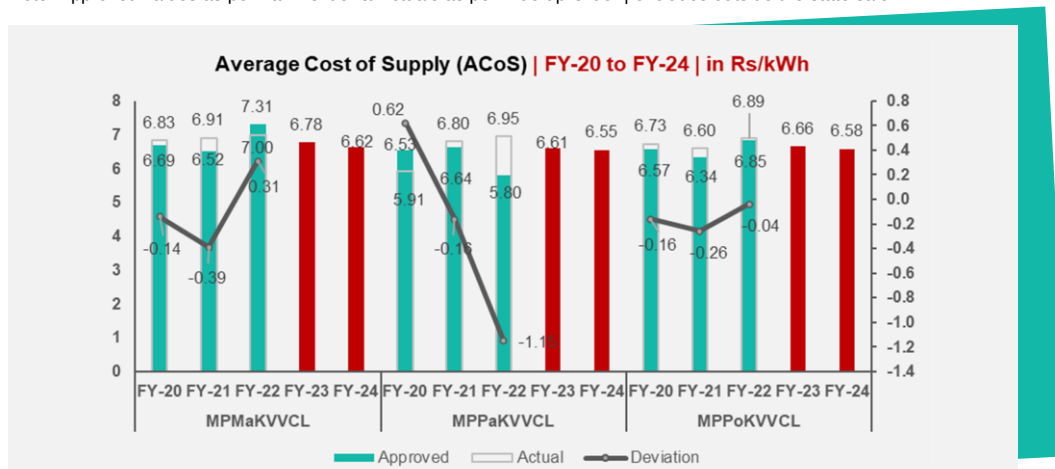
3. (b) Average Cost of Supply (ACoS)

The Approved and Actual ACoS as per the tariff order for FY 2019-20 to FY 2021-22 along with approved ACoS for FY 2022-23 and FY 2023-24 is provided as below:

(in Rs./ kWh)

Description	FY 2019-20		FY 2020-21		FY 2021-22		FY 2022-23	FY 2023-24
	Approved	Actual	Approved	Actual	Approved	Actual	Approved	Approved
MPMaKVVCL	6.69	6.83	6.52	6.91	7.31	7.00	6.78	6.62
MPPaKVVCL	6.53	5.91	6.64	6.80	5.80	6.95	6.61	6.55
MPPoKVVCL	6.57	6.73	6.34	6.60	6.85	6.89	6.66	6.58
State level	6.59	6.44	6.51	6.78	6.60	6.95	6.68	6.58

Note: Approved values as per Tariff Order & Actuals as per True up Order | excludes outside the state sale



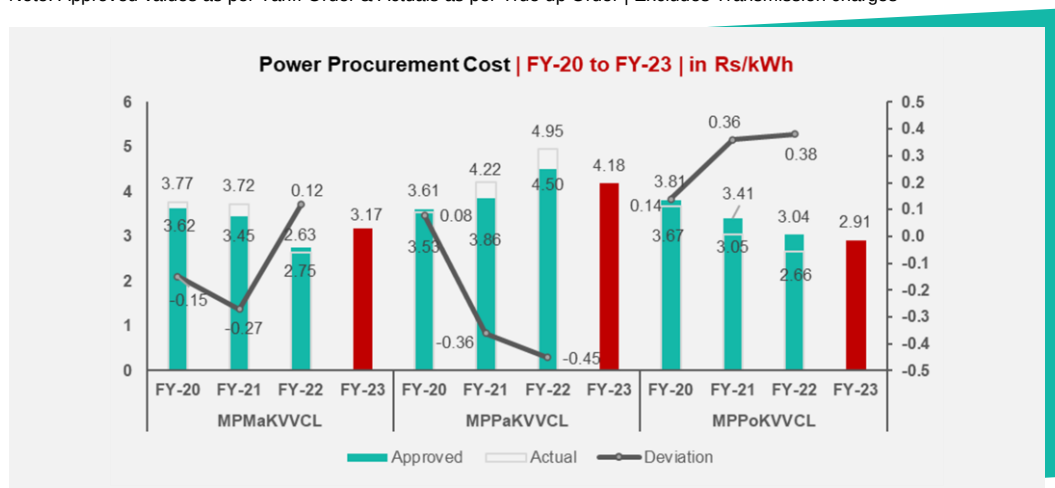
3. (c) Power Procurement Cost

The Power Procurement cost as approved by the State Commission in tariff order vs actual as per the approved true up of FY 2019-20 to FY 2021-22 is provided as below:

(in Rs./ kWh)

Description	FY 2019-20		FY 2020-21		FY 2021-22		FY 2022-23
	Approved	Actual	Approved	Actual	Approved	Actual	Approved
MPMaKVVCL	3.62	3.77	3.45	3.72	2.75	2.63	3.17
MPPaKVVCL	3.61	3.53	3.86	4.22	4.50	4.95	4.18
MPPoKVVCL	3.81	3.67	3.41	3.05	3.04	2.66	2.91
State level	3.78	3.64	3.59	3.70	3.49	3.53	3.49

Note: Approved values as per Tariff Order & Actuals as per True up Order | Excludes Transmission charges



3. (d) Expenses and Revenue

The difference in total expenses and revenues, as per filing in the tariff petition and the figures approved in tariff order by MPERC for FY 2023-24, are given below:

(in Rs. Cr.)

Sr. No.	Particulars	East DISCOM			West DISCOM			East DISCOM			State		
		Tariff Petition (I)	Tariff Order (II)	Disallowance (III= I-II)	Tariff Petition (I)	Tariff Order (II)	Disallowance (III= I-II)	Tariff Petition (I)	Tariff Order (II)	Disallowance (III= I-II)	Tariff Petition (I)	Tariff Order (II)	Disallowance (III= I-II)
1	Power Purchase Expenses*	7,694	9,163	(1,469)	16,855	14,744	2,112	10,472	11,738	(1,266)	35,022	35,645	(623)
2	Intra-State Tx Charges [#]	1,289	1,291	(2)	1,544	1,544	(0)	1,502	1,505	(2)	4,335	4,339	(4)
3	O&M Expenses	1,907	1,841	66	1,812	1,687	125	1,801	1,784	18	5,521	5,312	209
a)	Employee Expenses	1,443	1,400	43	1,422	1,302	119	1,326	1,229	98	4,190	3,931	260
b)	A&G Expenses	129	127	2	145	141	5	134	214	(80)	409	482	(73)
c)	R&M Expenses	319	298	21	225	224	1	326	326	0	869	847	22
d)	Additional OPEX Expenses	17	17	0	20	20	0	15	15	0	52	52	0
4	Depreciation	296	241	55	346	142	204	395	277	118	1,037	660	377
5	Interest & Finance Charges	413	392	21	231	245	(14)	446	484	(38)	1,090	1,121	(30)
a)	On Project Loans	282	281	1	145	149	(3)	348	367	(19)	776	797	(21)
b)	On Working Capital Loans	78	68	10	17	11	7	40	58	(18)	135	137	(2)
c)	On Security Deposit	53	43	10	68	85	(17)	58	59	(1)	180	187	(7)
6	Return on Equity	235	232	3	175	172	3	277	270	7	687	674	13
7	Bad & Doubtful Debts	2	0	2	2	0	2	2	0	2	6	0	6
8	Total Revenue Requirement	11,836	13,195	(1,358)	20,965	18,591	2,374	14,897	16,102	(1,205)	47,698	47,888	(190)
9	Less: Non-Tariff Income	186	133	53	203	148	55	183	143	41	572	423	149
10	Net Revenue Requirement	11,650	13,062	(1,412)	20,762	18,444	2,318	14,713	15,959	(1,246)	47,126	47,465	(339)
11	Impact of True ups	2,171	419	1,752	(1,433)	600	(2,033)	1,667	509	1,158	2,404	1,528	876
12	Net ARR	13,821	13,481	340	19,329	19,044	285	16,380	16,469	(89)	49,530	48,993	537
13	Total Revenue ^s	13,395	13,481	(86)	18,731	19,044	(312)	16,201	16,469	(268)	48,327	48,993	(665)
14	Revenue Gap/Surplus for FY 2023-24	426	0	426	598	0	597	179	0	179	1,203	0	1,202

Note: *including Interstate Transmission charges | # including SLDC charges | \$ at approved tariff

4. Cumulative Revenue Gap/ Surplus

(in Rs. Cr.)

Description	MPMaKVCL	MPPaKVCL	MPPoKVCL	State
Closing Revenue Surplus for FY 2022-23	0.23	0.28	0.20	0.71
Revenue Requirement for FY 2023-24	16,469	19,044	13,481	48,994
Revenue from Tariff in FY 2023-24	16,469	19,044	13,481	48,994
Total Revenue Gap/ Surplus for FY 2023-24	0	0	0	0

5. Summary of Compliances

Sr. No.	Description	Status	Summary Latest Tariff Order: FY 2023-24 Latest True up Order: FY 2021-22 Approved Tariff Hike: ~1.65% New Regulatory Asset: Nil Proposed Liquidation Plan: NA
1.	Tariff Order Issuance - Timeliness		
a)	Generation – Tariff Order	√	
b)	Transmission – Tariff Order	√	
c)	Distribution – Tariff Order	√	
d)	Distribution – True up Order	√	
2.	Creation of New Regulatory Assets	Nil	
3.	Cross subsidy within ±20% of ACoS – LT Industrial Category	X	
4.	Cross subsidy within ±20% of ACoS – HT Industrial Category	√	

Note: Complied (√) | Not Complied (X)



1. Tariff Order Issuance Timelines

1.1. Tariff Order (Generation) - MSPGCL

Key Dates	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24
Filing of Tariff Petition	-	01-Nov-19	01-Nov-19	01-Nov-19	01-Nov-19
Tariff Issuance	-	30-Mar-20	30-Mar-20	30-Mar-20	30-Mar-20
Tariff Applicability	-	01-Apr-20	01-Apr-21	01-Apr-22	01-Apr-23
Disposal (in Days)	-	150	NA	NA	NA



1.2. Tariff Order (Transmission) - MSETCL

Key Dates	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24
Filing of Tariff Petition	-	01-Nov-19	01-Nov-19	01-Nov-19	01-Nov-19
Tariff Issuance	-	30-Mar-20	30-Mar-20	30-Mar-20	30-Mar-20
Tariff Applicability	-	01-Apr-20	01-Apr-21	01-Apr-22	01-Apr-23
Disposal (in Days)	-	150	NA	NA	NA



1.3. (a) Tariff Order (Distribution) - MSEDCL

Key dates	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24
Filing of Tariff Petition	21-Dec-17	27-Nov-19	01-Nov-19	01-Nov-19	27-Nov-22
Tariff Issuance	12-Sep-18	30-Mar-20	30-Mar-20	30-Mar-20	31-Mar-23
Tariff Applicability	01-Sep-18	01-Apr-20	01-Apr-21	01-Apr-22	01-Apr-23
Disposal (in Days)	265	124	NA	NA	124

1.3. (b) True up Order (Distribution) - MSEDCL

Key Dates	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
Filing of Tariff Petition	27-Nov-19	27-Nov-22	27-Nov-22	27-Nov-22
True up Issuance	30-Mar-20	31-Mar-23	31-Mar-23	31-Mar-23
Disposal (in Days)	124	124	124	124

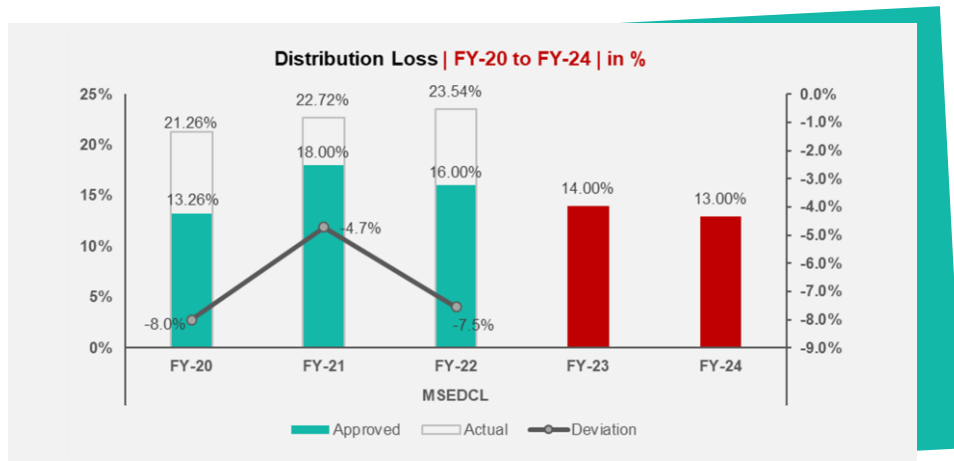
2. Distribution Loss

The Approved and Actual distribution loss for FY 2019-20 to FY 2021-22 and approved distribution loss for FY 2022-23 and FY 2023-24 are as below:

(in %)

Description	FY 2019-20		FY 2020-21		FY 2021-22		FY 2022-23	FY 2023-24
	Approved	Actual	Approved	Actual	Approved	Actual	Approved	Approved
MSEDCL	13.26	21.26	18.00	22.72	16.00	23.54	14.00	13.00
State level	13.26	21.26	18.00	22.72	16.00	23.54	14.00	13.00

Note: Approved values as per Tariff Order & Actuals as per DISCOM filed in the True up Order | excludes transmission loss



3. Cost Reflective Tariff

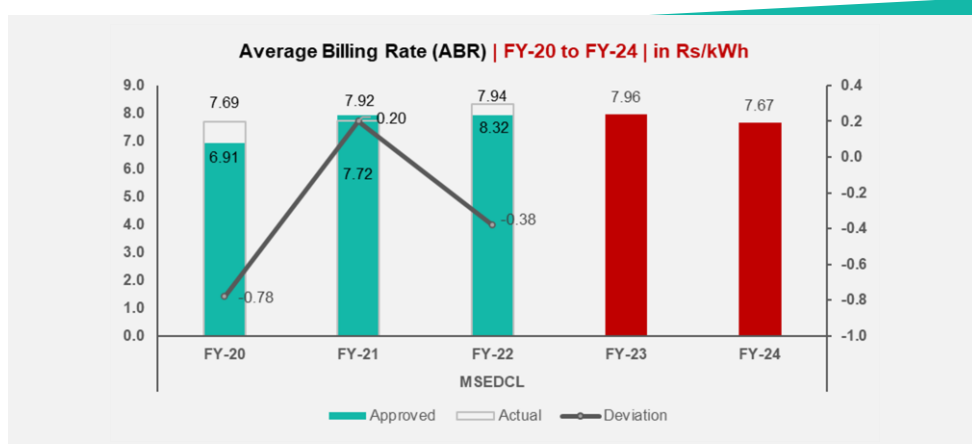
3. (a) Average Billing Rate (ABR)

The Approved and Actual ABR as per the tariff order for FY 2019-20 to FY 2021-22 along with approved ABR for FY 2022-23 and FY 2023-24 is provided as below:

(in Rs./ kWh)

Description	FY 2019-20		FY 2020-21		FY 2021-22		FY 2022-23	FY 2023-24
	Approved	Actual	Approved	Actual	Approved	Actual	Approved	Approved
MS&EDCL	6.91	7.69	7.92	7.72	8.32	7.94	7.96	7.67
State level	6.91	7.69	7.92	7.72	8.32	7.94	7.96	7.67

Note: Approved values as per Tariff Order & Actuals as per True up Order



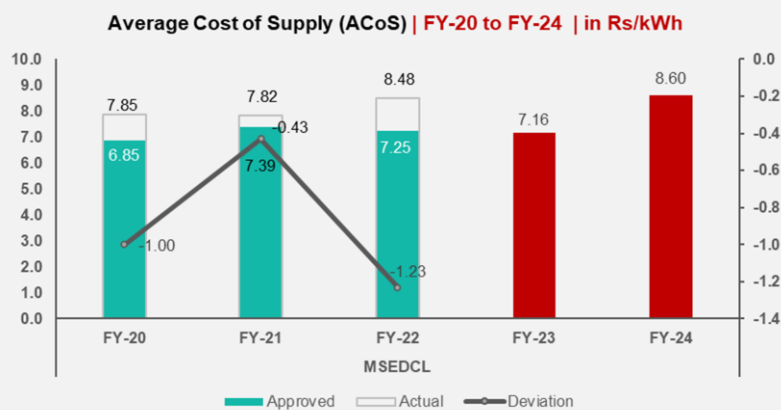
3. (b) Average Cost of Supply (ACoS)

The Approved and Actual ACoS as per the tariff order for FY 2019-20 to FY 2021-22 along with approved ACoS for FY 2022-23 and FY 2023-24 is provided as below:

(in Rs./ kWh)

Description	FY 2019-20		FY 2020-21		FY 2021-22		FY 2022-23	FY 2023-24
	Approved	Actual	Approved	Actual	Approved	Actual	Approved	Approved
MS&EDCL	6.85	7.85	7.39	7.82	7.25	8.48	7.16	8.60
State level	6.85	7.85	7.39	7.82	7.25	8.48	7.16	8.60

Note: Approved values as per Tariff Order & Actuals as per True up Order | includes outside the state sale



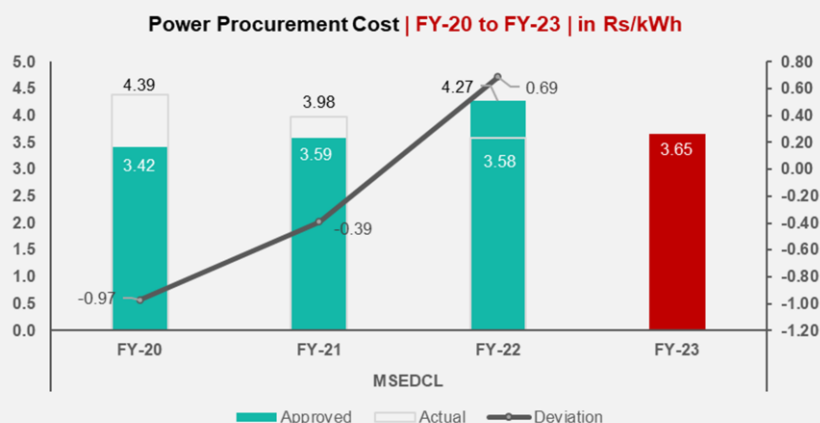
3. (c) Power Procurement Cost

The Power Procurement cost as approved by the State Commission in tariff order vs actual as per the approved true up of FY 2019-20 to FY 2021-22 is provided as below:

(in Rs./ kWh)

Description	FY 2019-20		FY 2020-21		FY 2021-22		FY 2022-23
	Approved	Actual	Approved	Actual	Approved	Actual	Approved
MSEDCL	3.42	4.39	3.59	3.98	4.27	3.58	3.65
State level	3.42	4.39	3.59	3.98	4.27	3.58	3.65

Note: Approved values as per Tariff Order & Actuals as per True up Order | Excludes Transmission charges



3. (d) Expenses and Revenue

The difference in total expenses and revenues, as per filing in the tariff petition and the figures approved in tariff order by MERC for FY 2023-24, are given below:

(in Rs. Cr.)

Sr. No.	Particulars	Tariff Petition (I)	Tariff Order (II)	Disallowance (III= I-II)
1	Power Purchase Expenses	75,168	72,645	2,523
2	O&M Expenses	8,383	8,243	140
3	Depreciation	3,080	2,762	318
4	Interest on Loan Capital	935	826	109
5	Interest on Working Capital	138	126	13
6	Interest on Consumer Security Deposit	460	425	35
7	Provision for bad and doubtful debts	1,111	731	381

Sr. No.	Particulars	Tariff Petition (I)	Tariff Order (II)	Disallowance (III= I-II)
8	Other Expenses	330	61	269
9	Intra-State Transmission Charges	6,010	8,594	(2,584)
10	Incentives/Discounts	386	386	0
11	Contribution to contingency reserves	174	0	174
12	Return on Equity Capital	1,976	1,946	30
13	Additional surcharge refund	180	180	0
14	Revenue gap recovery allowed	5,585	5,585	0
15	Impact of payment to MPECS in future years	28	28	0
16	Opex schemes	653	84	568
17	Incremental Consumption Rebate	426	426	0
18	Aggregate Revenue Requirement	105,023	103,048	1,975
19	Less: Non-Tariff Income	334	334	0
20	Less: Income from Open Access charges	215	215	0
21	Less: Income from Additional surcharges	113	113	0
22	Net Revenue Requirement	104,362	102,387	1,975
23	Total Revenue [§]	90,422	90,742	(320)
24	Total Revenue Gap	13,940	11,645	2,295

Note: [§] at approved tariff

4. Cumulative Revenue Gap/ Surplus

(in Rs. Cr.)

Description	MSEDCL
Net Revenue Requirement	1,02,386
Past Period Revenue Gap	4,925
Total ARR	1,07,312
Total Revenue	90,742
Revenue Gap for FY 2023-24	11,644
Cumulative Revenue Gap upto FY 2023-24 (including Past Period Gap)	16,570
Incremental Revenue at proposed tariff	16,248
Total Revenue [§]	1,06,990
Cumulative Revenue Gap upto FY 2023-24 (after Tariff Hike)	322

5. Summary of Compliances

Sr. No.	Description	Status	Summary
1.	Tariff Order Issuance - Timeliness	√	Summary Latest Tariff Order: FY 2023-24 Latest True up Order: FY 2021-22 Approved Tariff Hike: ~2.9% New Regulatory Asset: Nil Proposed Liquidation Plan: NA
a)	Generation – Tariff Order	√	
b)	Transmission – Tariff Order	√	
c)	Distribution – Tariff Order	√	
d)	Distribution – True up Order	√	
2.	Creation of New Regulatory Assets	√	
3.	Cross subsidy within ±20% of ACoS – LT Industrial Category	√	
4.	Cross subsidy within ±20% of ACoS – HT Industrial Category	√	
Note: Complied (√) Not Complied (X)			



1. Tariff Order Issuance Timelines

1.1. Tariff Order (Generation) - MSPDCL[#]

Key Dates	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24
Filing of Tariff Petition	NA	NA	NA	NA	NA
Tariff Issuance	NA	NA	NA	NA	NA
Tariff Applicability	NA	NA	NA	NA	NA
Disposal (in Days)	NA	NA	NA	NA	NA

Note: State is exempted from issuance of tariff order.



1.2. Tariff Order (Transmission) - MSETCL

Key Dates	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24
Filing of Tariff Petition	28-Dec-18	02-Jan-20	01-Feb-21	20-Dec-21	14-Dec-22
Tariff Issuance	26-Mar-19	20-Mar-20	26-Apr-21	23-Mar-22	28-Mar-23
Tariff Applicability	01-Apr-19	01-Apr-20	01-Apr-21	01-Apr-22	01-Apr-23
Disposal (in Days)	88	78	84	93	104



1.3. (a) Tariff Order (Distribution) - MSPDCL

Key dates	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24
Filing of Tariff Petition	09-Jan-19	28-Jan-20	02-Feb-21	24-Dec-21	15-Dec-22
Tariff Issuance	26-Mar-19	20-Mar-20	26-Apr-21	23-Mar-22	28-Mar-23
Tariff Applicability	01-Apr-19	01-Apr-20	01-Apr-21	01-Apr-22	01-Apr-23
Disposal (in Days)	76	52	83	89	103

1.3. (b) True up Order (Distribution) - MSPDCL

Key Dates	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
Filing of Tariff Petition	08-Nov-22	08-Nov-22	08-Nov-22	15-Dec-22
True up Issuance	06-Feb-23	06-Feb-23	03-Feb-23	28-Mar-23
Disposal (in Days)	90	90	87	103

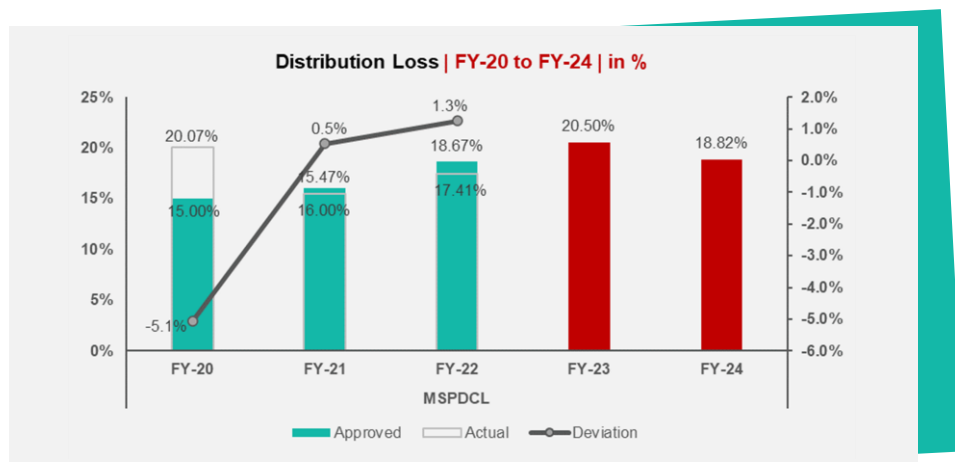
2. Distribution Loss

The Approved and Actual distribution loss for FY 2019-20 to FY 2021-22 and approved distribution loss for FY 2022-23 and FY 2023-24 are as below:

(in %)

Description	FY 2019-20		FY 2020-21		FY 2021-22		FY 2022-23	FY 2023-24
	Approved	Actual	Approved	Actual	Approved	Actual	Approved	Approved
MSPDCL	15.00	20.07	16.00	15.47	18.67	17.41	20.50	18.82
State level	15.00	20.07	16.00	15.47	18.67	17.41	20.50	18.82

Note: Approved values as per Tariff Order & Actuals as per DISCOM filed in the True up Order | excludes transmission loss



3. Cost Reflective Tariff

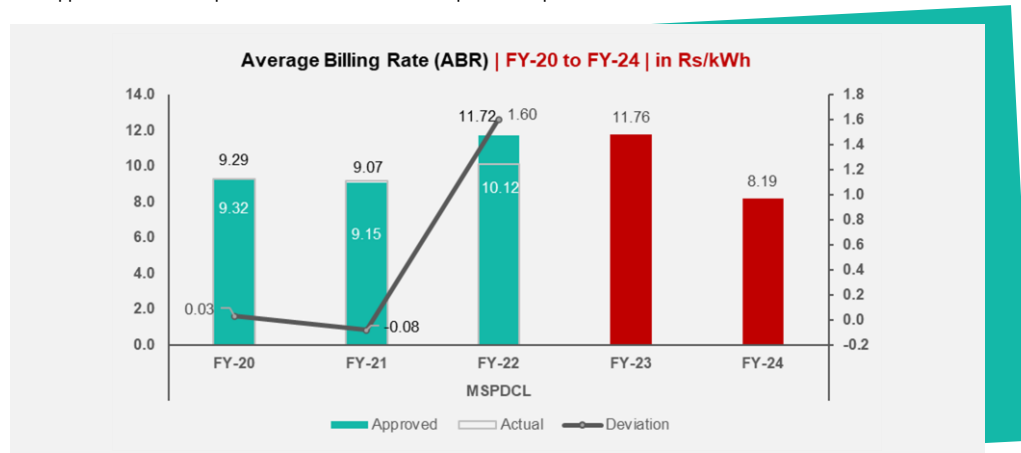
3. (a) Average Billing Rate (ABR)

The Approved and Actual ABR as per the tariff order for FY 2019-20 to FY 2021-22 along with approved ABR for FY 2022-23 and FY 2023-24 is provided as below:

(in Rs./ kWh)

Description	FY 2019-20		FY 2020-21		FY 2021-22		FY 2022-23	FY 2023-24
	Approved	Actual	Approved	Actual	Approved	Actual	Approved	Approved
MSPDCL	9.29	9.32	9.15	9.07	11.72	10.12	11.76	8.19
State level	9.29	9.32	9.15	9.07	11.72	10.12	11.76	8.19

Note: Approved values as per Tariff Order & Actuals as per True up Order



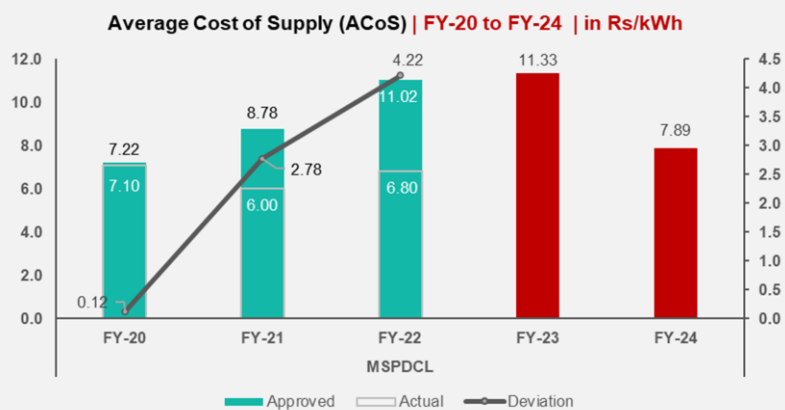
3. (b) Average Cost of Supply (ACoS)

The Approved and Actual ACoS as per the tariff order for FY 2019-20 to FY 2021-22 along with approved ACoS for FY 2022-23 and FY 2023-24 is provided as below:

(in Rs./ kWh)

Description	FY 2019-20		FY 2020-21		FY 2021-22		FY 2022-23	FY 2023-24
	Approved	Actual	Approved	Actual	Approved	Actual	Approved	Approved
MSPDCL	7.22	7.10	8.78	6.00	11.02	6.80	11.33	7.89
State level	7.22	7.10	8.78	6.00	11.02	6.80	11.33	7.89

Note: Approved values as per Tariff Order & Actuals as per True up Order | includes outside the state sale



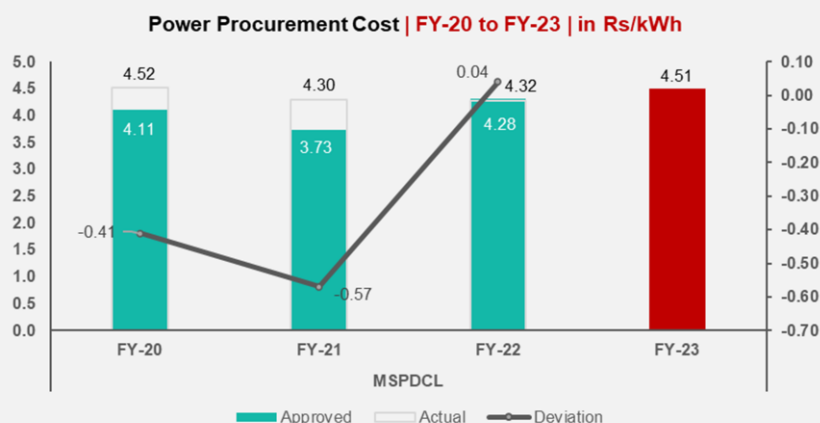
3. (c) Power Procurement Cost

The Power Procurement cost as approved by the State Commission in tariff order vs actual as per the approved true up of FY 2019-20 to FY 2021-22 is provided as below:

(in Rs./ kWh)

Description	FY 2019-20		FY 2020-21		FY 2021-22		FY 2022-23
	Approved	Actual	Approved	Actual	Approved	Actual	Approved
MSPDCL	4.11	4.52	3.73	4.30	4.32	4.28	4.51
State level	4.11	4.52	3.73	4.30	4.32	4.28	4.51

Note: Approved values as per Tariff Order & Actuals as per True up Order | Excludes Transmission charges



3. (d) Expenses and Revenue

The difference in total expenses and revenues, as per filing in the tariff petition and the figures approved in tariff order by JERC-Manipur & Mizoram for FY 2023-24, are given below:

(in Rs. Cr.)

Sr. No.	Particulars	Tariff Petition (I)	Tariff Order (II)	Disallowance (III= I-II)
1	Power Purchase Expenses	569	569	0
2	O&M Expenses	121	101	21
a)	Employee Expenses	99	79	19
b)	R&M Expenses	12	12	0
c)	A&G Expenses	10	9	1
3	Depreciation	16	3	14
4	Interest Cost on Long-term Capital Loans	13	5	8

Sr. No.	Particulars	Tariff Petition (I)	Tariff Order (II)	Disallowance (III= I-II)
5	Interest on Working Capital	11	0	11
6	Return on Equity	2	2	0
7	Transmission Charges	218	163	56
8	Truing up gap for past 7 years	61	0	61
9	Total Revenue Requirement	1,012	842	170
10	Less: Non-Tariff Income	6	7	(1)
11	Less: True-Up Surplus of FY 2021-22	0	10	(10)
12	Less: True-Up Surplus of 6 yrs (from 2015-16 to 2020-21)	0	37	(37)
13	Net Revenue Requirement	1,006	788	218
14	Total Revenue ^s	1,006	788	218
15	Total Revenue Gap	-	-	-

Note: ^s at approved tariff (including sale of surplus power & subsidy support)

4. Cumulative Revenue Gap/ Surplus

(in Rs. Cr.)

Description	MSPDCL
Net Revenue Requirement for FY 2023-24	788
Total Revenue	621
State Govt. Subsidy Support	167
Cumulative Revenue Gap for FY 2023-24	-

5. Summary of Compliances

Sr. No.	Description	Status	Summary Latest Tariff Order: FY 2023-24 Latest True up Order: FY 2021-22 Approved Tariff Hike: Nil New Regulatory Asset: Nil Proposed Liquidation Plan: NA
1.	Tariff Order Issuance - Timeliness		
a)	Generation – Tariff Order	NA	
b)	Transmission – Tariff Order	√	
c)	Distribution – Tariff Order	√	
d)	Distribution – True up Order	√	
2.	Creation of New Regulatory Assets	√	
3.	Cross subsidy within ±20% of ACoS – LT Industrial Category	√	
4.	Cross subsidy within ±20% of ACoS – HT Industrial Category	X	

Note: Complied (√) | Not Complied (X)



1. Tariff Order Issuance Timelines

1.1. Tariff Order (Generation) - MePGCL

Key Dates	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24
Filing of Tariff Petition	-	29-Nov-19	04-Dec-20	30-Nov-21	30-Nov-22
Tariff Issuance	-	25-Mar-20	25-Mar-21	25-Mar-22	30-Mar-23
Tariff Applicability	-	01-Apr-20	01-Apr-21	01-Apr-22	01-Apr-23
Disposal (in Days)	-	117	111	115	120



1.2. Tariff Order (Transmission) - MePTCL

Key Dates	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24
Filing of Tariff Petition	-	29-Nov-19	04-Dec-20	30-Nov-21	30-Nov-22
Tariff Issuance	-	25-Mar-20	25-Mar-21	25-Mar-22	30-Mar-23
Tariff Applicability	-	01-Apr-20	01-Apr-21	01-Apr-22	01-Apr-23
Disposal (in Days)	-	117	111	115	120



1.3. (a) Tariff Order (Distribution) - MePDCL

Key dates	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24
Filing of Tariff Petition	-	29-Nov-19	04-Dec-20	30-Nov-21	30-Nov-22
Tariff Issuance	-	25-Mar-20	25-Mar-21	25-Mar-22	11-Apr-23
Tariff Applicability	-	01-Apr-20	01-Apr-21	01-Apr-22	01-Apr-23
Disposal (in Days)	-	117	111	115	132

1.3. (b) True up Order (Distribution) - MePDCL

Key Dates	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
Filing of Tariff Petition	25-Sep-21	25-Nov-21	31-Oct-22	-
True up Issuance	22-Feb-22	22-Feb-22	22-Mar-23	-
Disposal (in Days)	150	89	142	-

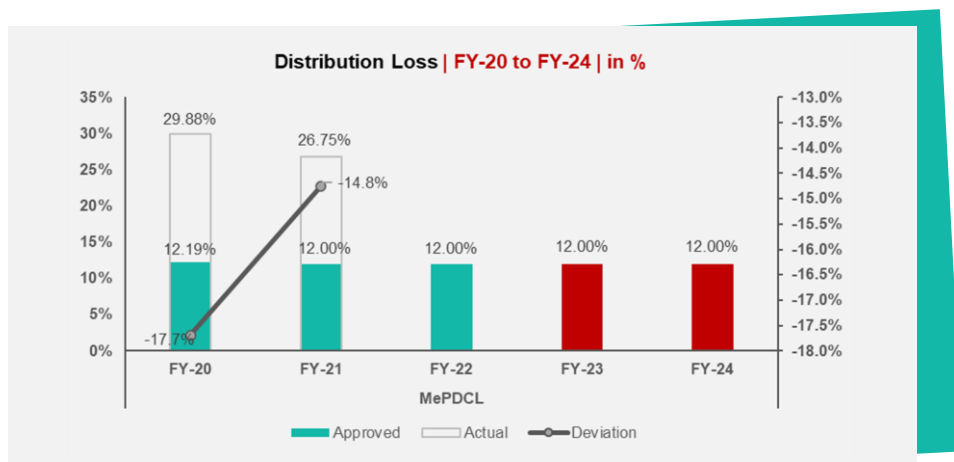
2. Distribution Loss

The Approved and Actual distribution loss for FY 2019-20 to FY 2021-22 and approved distribution loss for FY 2022-23 and FY 2023-24 are as below:

(in %)

Description	FY 2019-20		FY 2020-21		FY 2021-22		FY 2022-23	FY 2023-24
	Approved	Actual	Approved	Actual	Approved	Actual	Approved	Approved
MePDCL	12.19	29.88	12.00	26.75	12.00	-	12.00	12.00
State level	12.19	29.88	12.00	26.75	12.00	-	12.00	12.00

Note: Approved values as per Tariff Order & Actuals as per DISCOM filed in the True up Order | excludes transmission loss



3. Cost Reflective Tariff

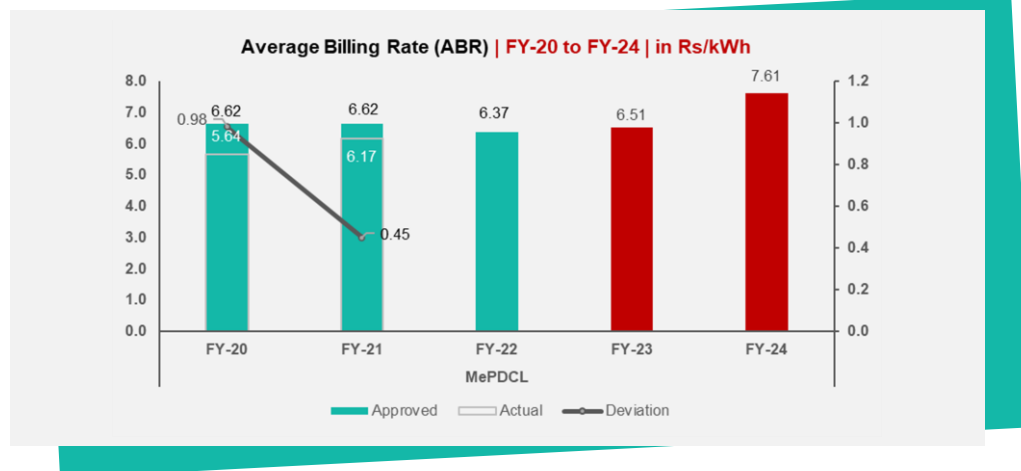
3. (a) Average Billing Rate (ABR)

The Approved and Actual ABR as per the tariff order for FY 2019-20 to FY 2021-22 along with approved ABR for FY 2022-23 and FY 2023-24 is provided as below:

(in Rs./ kWh)

Description	FY 2019-20		FY 2020-21		FY 2021-22		FY 2022-23	FY 2023-24
	Approved	Actual	Approved	Actual	Approved	Actual	Approved	Approved
MePDCL	6.62	5.64	6.62	6.17	6.37	-	6.51	7.61
State level	6.62	5.64	6.62	6.17	6.37	-	6.51	7.61

Note: Approved values as per Tariff Order & Actuals as per True up Order



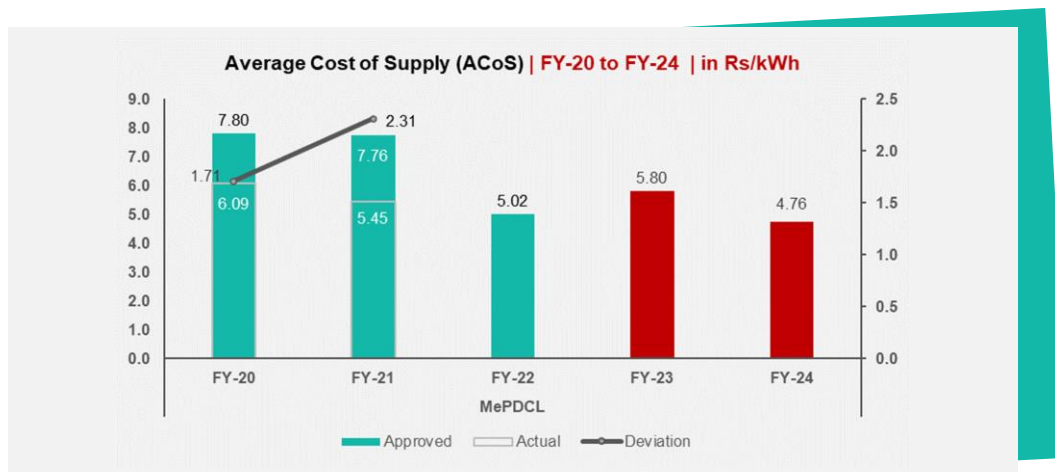
3. (b) Average Cost of Supply (ACoS)

The Approved and Actual ACoS as per the tariff order for FY 2019-20 to FY 2021-22 along with approved ACoS for FY 2022-23 and FY 2023-24 is provided as below:

(in Rs./ kWh)

Description	FY 2019-20		FY 2020-21		FY 2021-22		FY 2022-23	FY 2023-24
	Approved	Actual	Approved	Actual	Approved	Actual	Approved	Approved
MePDCL	7.80	6.09	7.76	5.45	5.02	-	5.80	4.76
State level	7.80	6.09	7.76	5.45	5.02	-	5.80	4.76

Note: Approved values as per Tariff Order & Actuals as per True up Order | excludes outside the state sale for approved ACoS



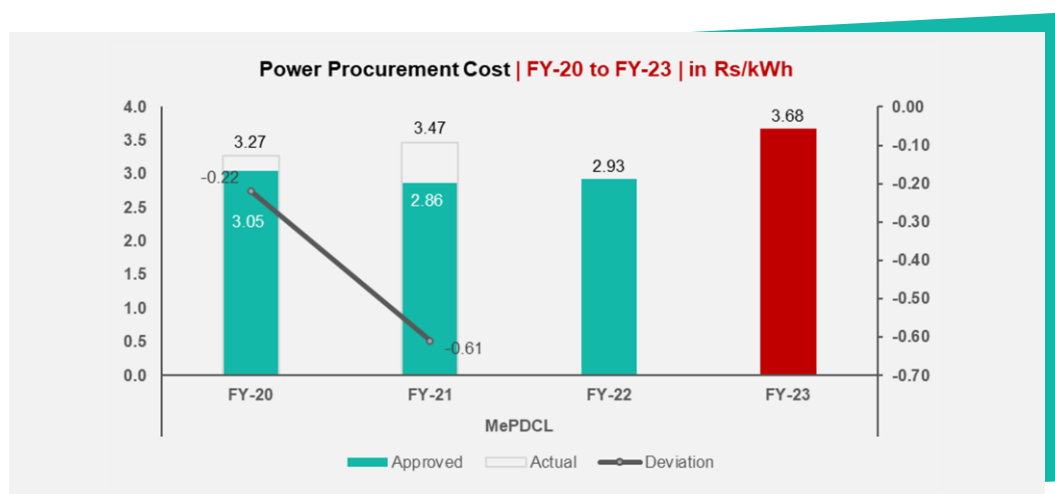
3. (c) Power Procurement Cost

The Power Procurement cost as approved by the State Commission in tariff order vs actual as per the approved true up of FY 2019-20 to FY 2021-22 is provided as below:

(in Rs./ kWh)

Description	FY 2019-20		FY 2020-21		FY 2021-22		FY 2022-23
	Approved	Actual	Approved	Actual	Approved	Actual	Approved
MePDCL	3.05	3.27	2.86	3.47	2.93	-	3.68
State level	3.05	3.27	2.86	3.47	2.93	-	3.68

Note: Approved values as per Tariff Order & Actuals as per True up Order | Excludes Transmission charges



3. (d) Expenses and Revenue

The difference in total expenses and revenues, as per filing in the tariff petition and the figures approved in tariff order by MSERC for FY 2023-24, are given below:

(in Rs. Cr.)

Sr. No.	Particulars	Tariff Petition (I)	Tariff Order (II)	Disallowance (III= I-II)
1	Power Purchase Expenses	1,230	1,157	73
2	Transmission Charges	164	183	(19)
a)	Transmission Charges (PGCIL)	72	72	0
b)	Transmission Charges (MePTCL)	92	111	(19)
3	O&M Expenses	239	194	45

Sr. No.	Particulars	Tariff Petition (I)	Tariff Order (II)	Disallowance (III= I-II)
a)	Employee Expenses	196	174	21
b)	R&M Expenses	31	7	24
c)	A & G Expenses	13	13	0
4	Interest and Finance charges	10	6	4
5	Interest on working capital	23	23	0
6	Gross Annual Revenue Requirement (ARR)	1,666	1,567	98
7	Less: Non-Tariff Income and Other Income	107	106	0
8	Less: Sale of Surplus Power	393	394	(1)
9	Net ARR	1,166	1,067	100
10	True up Gap for FY 2020-21	838	228	610
11	ARR in FY 2023-24	2,005	1,295	709
12	Total Revenue ^s	1,024	1,028	(4)
13	Revenue Gap for FY 2023-24	980	267	713
14	Additional Revenue from tariff hike ^s	111	107	4
15	Revenue Gap at Revised Tariff for FY 2023-24	869	160	709

Note: ^s at approved tariff

4. Cumulative Revenue Gap/ Surplus

(in Rs. Cr.)

Description	MePDCL
Net Revenue Requirement for FY 2023-24	1,067
Add: Adjustment of Past True ups	228
Aggregate Revenue Requirement for FY 2022-23	1,295
Total Revenue (including tariff hike)	1,135
Cumulative Revenue Gap for FY 2023-24	160

5. Summary of Compliances

Sr. No.	Description	Status
1.	Tariff Order Issuance - Timeliness	
a)	Generation – Tariff Order	√
b)	Transmission – Tariff Order	√
c)	Distribution – Tariff Order	X
d)	Distribution – True up Order	X
2.	Creation of New Regulatory Assets	√
3.	Cross subsidy within ±20% of ACoS – LT Industrial Category	X
4.	Cross subsidy within ±20% of ACoS – HT Industrial Category	√

Note: Complied (√) | Not Complied (X)

Summary

Latest Tariff Order: FY 2023-24
Latest True up Order: FY 2020-21
Approved Tariff Hike: 10.44%
New Regulatory Asset: Nil
Proposed Liquidation Plan: NA



1. Tariff Order Issuance Timelines

1.1. Tariff Order (Generation) – PED (Mizoram)

Key Dates	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24
Filing of Tariff Petition	21-Dec-18	20-Dec-19	28-Dec-20	05-Jan-22	12-Jan-23
Tariff Issuance	22-Mar-19	20-Mar-20	26-Mar-21	23-Mar-22	28-Mar-23
Tariff Applicability	01-Apr-19	01-Apr-20	01-Apr-21	01-Apr-22	01-Apr-23
Disposal (in Days)	91	91	88	77	75



1.2. Tariff Order (Transmission)# - PED (Mizoram)

Key Dates	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24
Filing of Tariff Petition	NA	NA	NA	NA	NA
Tariff Issuance	NA	NA	NA	NA	NA
Tariff Applicability	NA	NA	NA	NA	NA
Disposal (in Days)	NA	NA	NA	NA	NA

Note: State is exempted from issuance of tariff order.



1.3. (a) Tariff Order (Distribution) - PED (Mizoram)

Key dates	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24
Filing of Tariff Petition	21-Dec-18	20-Dec-19	28-Dec-20	05-Jan-22	12-Jan-23
Tariff Issuance	22-Mar-19	20-Mar-20	26-Mar-21	23-Mar-22	28-Mar-23
Tariff Applicability	01-Apr-19	01-Apr-20	01-Apr-21	01-Apr-22	01-Apr-23
Disposal (in Days)	91	91	88	77	75

1.3. (b) True up Order (Distribution) - PED (Mizoram)

Key Dates	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
Filing of Tariff Petition	20-Dec-19	28-Dec-20	05-Jan-22	12-Jan-23
True up Issuance	20-Mar-20	26-Mar-21	23-Mar-22	28-Mar-23
Disposal (in Days)	91	88	77	75

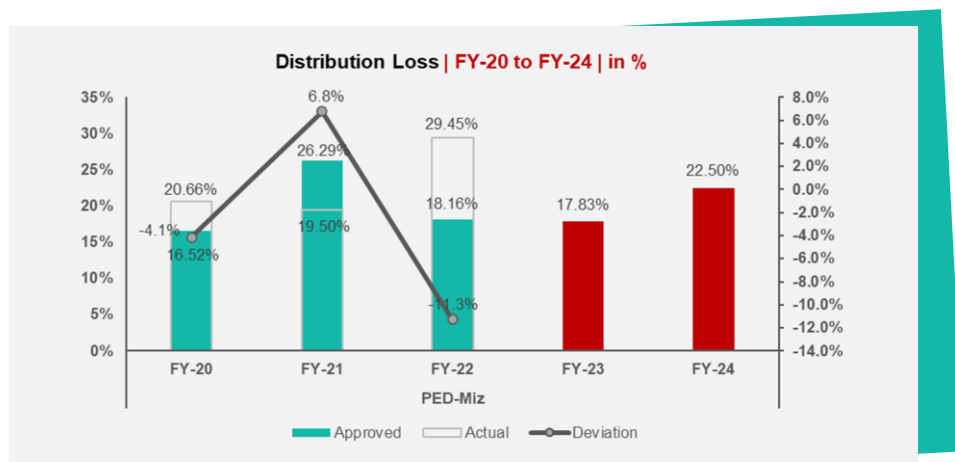
2. Distribution Loss

The Approved and Actual distribution loss for FY 2019-20 to FY 2021-22 and approved distribution loss for FY 2022-23 and FY 2023-24 are as below:

(in %)

Description	FY 2019-20		FY 2020-21		FY 2021-22		FY 2022-23	FY 2023-24
	Approved	Actual	Approved	Actual	Approved	Actual	Approved	Approved
PED-Mizoram	16.52	20.66	26.29	19.50	18.16	29.45	17.83	22.50
State level	16.52	20.66	26.29	19.50	18.16	29.45	17.83	22.50

Note: Approved values as per Tariff Order & Actuals as per DISCOM filed in the True up Order | excludes transmission loss



3. Cost Reflective Tariff

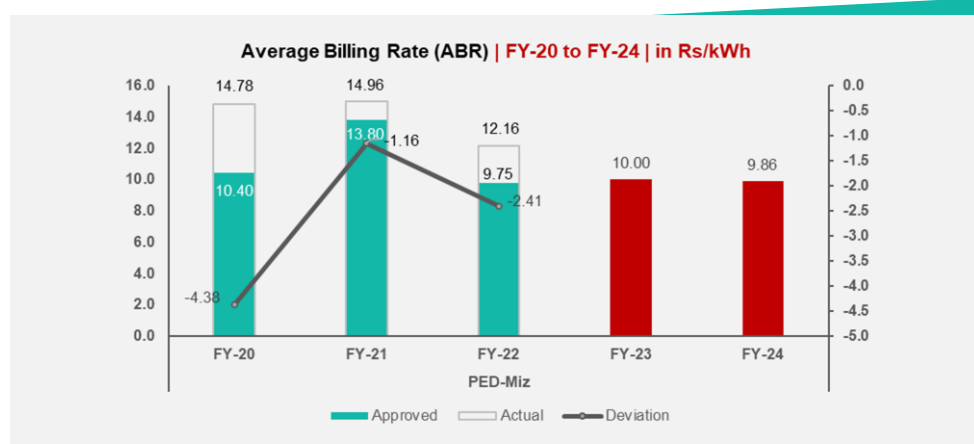
3. (a) Average Billing Rate (ABR)

The Approved and Actual ABR as per the tariff order for FY 2019-20 to FY 2021-22 along with approved ABR for FY 2022-23 and FY 2023-24 is provided as below:

(in Rs./ kWh)

Description	FY 2019-20		FY 2020-21		FY 2021-22		FY 2022-23	FY 2023-24
	Approved	Actual	Approved	Actual	Approved	Actual	Approved	Approved
PED-Mizoram	10.40	14.78	13.80	14.96	9.75	12.16	10.00	9.86
State level	10.40	14.78	13.80	14.96	9.75	12.16	10.00	9.86

Note: Approved values as per Tariff Order & Actuals as per True up Order



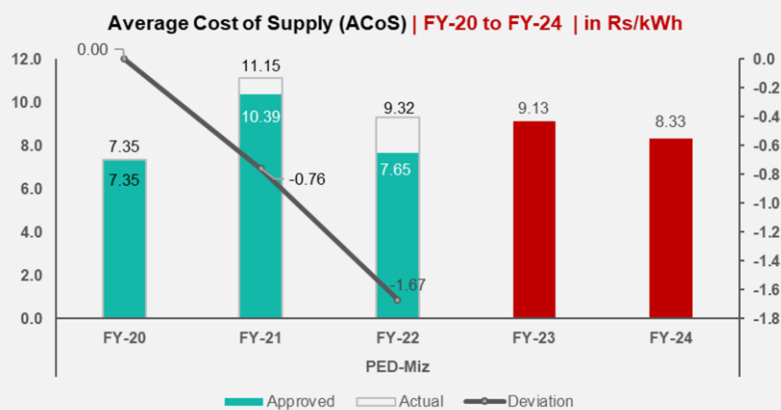
3. (b) Average Cost of Supply (ACoS)

The Approved and Actual ACoS as per the tariff order for FY 2019-20 to FY 2021-22 along with approved ACoS for FY 2022-23 and FY 2023-24 is provided as below:

(in Rs./ kWh)

Description	FY 2019-20		FY 2020-21		FY 2021-22		FY 2022-23	FY 2023-24
	Approved	Actual	Approved	Actual	Approved	Actual	Approved	Approved
PED-Mizoram	7.35	7.35	10.39	11.15	7.65	9.32	9.13	8.33
State level	7.35	7.35	10.39	11.15	7.65	9.32	9.13	8.33

Note: Approved values as per Tariff Order & Actuals as per True up Order | includes outside the state sale



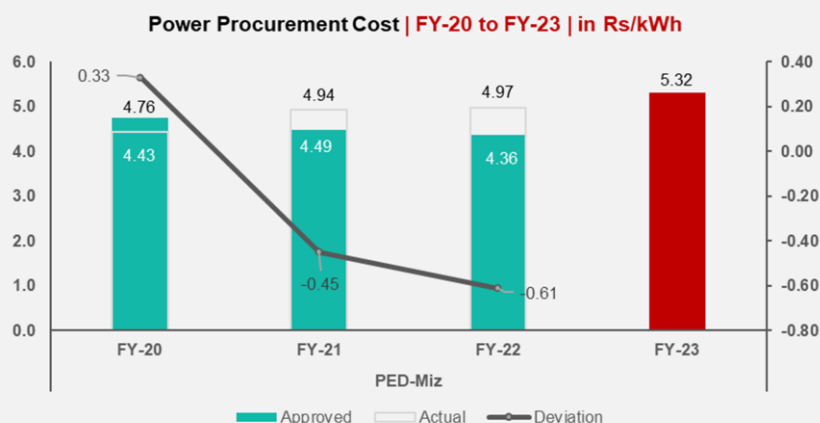
3. (c) Power Procurement Cost

The Power Procurement cost as approved by the State Commission in tariff order vs actual as per the approved true up of FY 2019-20 to FY 2021-22 is provided as below:

(in Rs./ kWh)

Description	FY 2019-20		FY 2020-21		FY 2021-22		FY 2022-23
	Approved	Actual	Approved	Actual	Approved	Actual	Approved
PED-Mizoram	4.76	4.43	4.49	4.94	4.36	4.97	5.32
State level	4.76	4.43	4.49	4.94	4.36	4.97	5.32

Note: Approved values as per Tariff Order & Actuals as per True up Order | Excludes Transmission charges



3. (d) Expenses and Revenue

The difference in total expenses and revenues, as per filing in the tariff petition and the figures approved in tariff order by JERC-Manipur & Mizoram for FY 2023-24, are given below:

(in Rs. Cr.)

Sr. No.	Particulars	Tariff Petition (I)	Tariff Order (II)	Disallowance (III= I-II)
1	Power Purchase Expenses	480	360	120
2	Cost of Generation	13	6	7
3	O&M Expenses	178	159	19
4	Depreciation	2	0	2
5	Interest on Working Capital	9	0	9
6	Contribution to Contingency Reserve Fund	3	0	3
7	Transmission Charges	122	117	5

Sr. No.	Particulars	Tariff Petition (I)	Tariff Order (II)	Disallowance (III= I-II)
8	Total Revenue Requirement	806	641	164
9	Less: Non-Tariff Income	8	8	0
10	Less: Efficiency Gains	15	8	7
11	Less: True-Up surplus for FY2021-22	0	57	(57)
12	Less: Revenue from Sale at Power-Exchange	198	63	136
13	Net Revenue Requirement	584	505	79
14	Revenue from sale of power ^s	405	407	(2)
15	Tariff subsidy from State Govt	100	98	2
16	Total Revenue Gap	-	-	-

Note: ^s at approved tariff

4. Cumulative Revenue Gap/ Surplus

(in Rs. Cr.)

Description	PED-Mizoram
Opening Revenue Gap for FY 2022-23	-
Net Revenue Requirement for FY 2023-24	505
Total Revenue	407
State Govt. Subsidy Support	98
Cumulative Revenue Gap for FY 2023-24	-

5. Summary of Compliances

Sr. No.	Description	Status	Summary
1.	Tariff Order Issuance - Timeliness	√	Summary Latest Tariff Order: FY 2023-24 Latest True up Order: FY 2021-22 Approved Tariff Hike: Nil New Regulatory Asset: Nil Proposed Liquidation Plan: NA
a)	Generation – Tariff Order	√	
b)	Transmission – Tariff Order	NA	
c)	Distribution – Tariff Order	√	
d)	Distribution – True up Order	√	
2.	Creation of New Regulatory Assets	√	
3.	Cross subsidy within ±20% of ACoS – LT Industrial Category	X	
4.	Cross subsidy within ±20% of ACoS – HT Industrial Category	√	
Note: Complied (√) Not Complied (X)			



1. Tariff Order Issuance Timelines

1.1. Tariff Order (Generation) – DoP (Nagaland)[#]

Key Dates	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24
Filing of Tariff Petition	NA	NA	NA	NA	NA
Tariff Issuance	NA	NA	NA	NA	NA
Tariff Applicability	NA	NA	NA	NA	NA
Disposal (in Days)	NA	NA	NA	NA	NA

Note: State exempted from issuance of tariff order



1.2. Tariff Order (Transmission)[#] - DoP Nagaland

Key Dates	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24
Filing of Tariff Petition	NA	NA	NA	NA	NA
Tariff Issuance	NA	NA	NA	NA	NA
Tariff Applicability	NA	NA	NA	NA	NA
Disposal (in Days)	NA	NA	NA	NA	NA

Note: State exempted from issuance of tariff order



1.3. (a) Tariff Order (Distribution) - DoP (Nagaland)

Key dates	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24
Filing of Tariff Petition	15-Jan-19	29-Nov-18	29-Nov-18	12-Apr-22	21-Dec-22
Tariff Issuance	23-Apr-19	20-Mar-20	20-Mar-20	02-Jun-22	27-Mar-23
Tariff Applicability	01-Apr-19	01-Apr-20	01-Apr-21	01-Jul-22	01-Apr-23
Disposal (in Days)	98	477	477	51	96

1.3. (b) True up Order (Distribution) - DoP (Nagaland)

Key Dates	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
Filing of Tariff Petition	-	-	-	-
True up Issuance	-	-	-	-
Disposal (in Days)	-	-	-	-

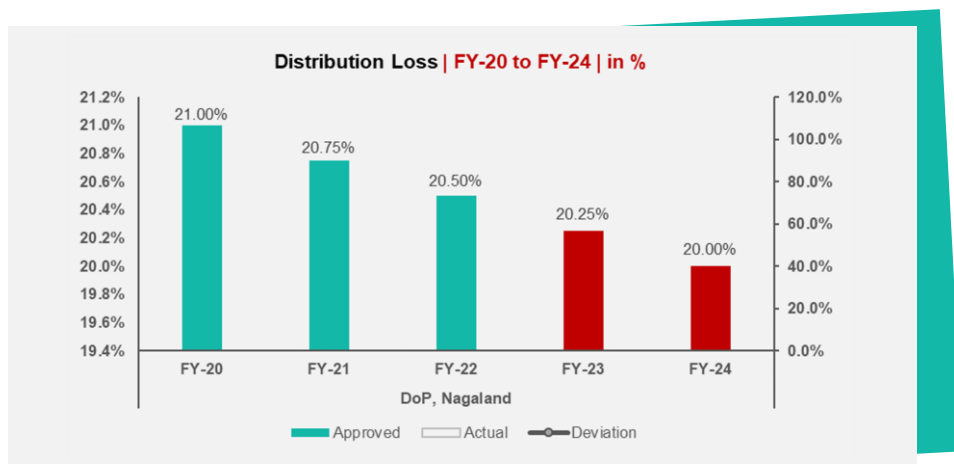
2. Distribution Loss

The Approved and Actual distribution loss for FY 2019-20 to FY 2021-22 and approved distribution loss for FY 2022-23 and FY 2023-24 are as below:

(in %)

Description	FY 2019-20		FY 2020-21		FY 2021-22		FY 2022-23	FY 2023-24
	Approved	Actual	Approved	Actual	Approved	Actual	Approved	Approved
DoP-Nagaland	21.00	-	20.75	-	20.50	-	20.25	20.00
State level	21.00	-	20.75	-	20.50	-	20.25	20.00

Note: Approved values as per Tariff Order & Actuals as per DISCOM filed in the True up Order | excludes transmission loss



3. Cost Reflective Tariff

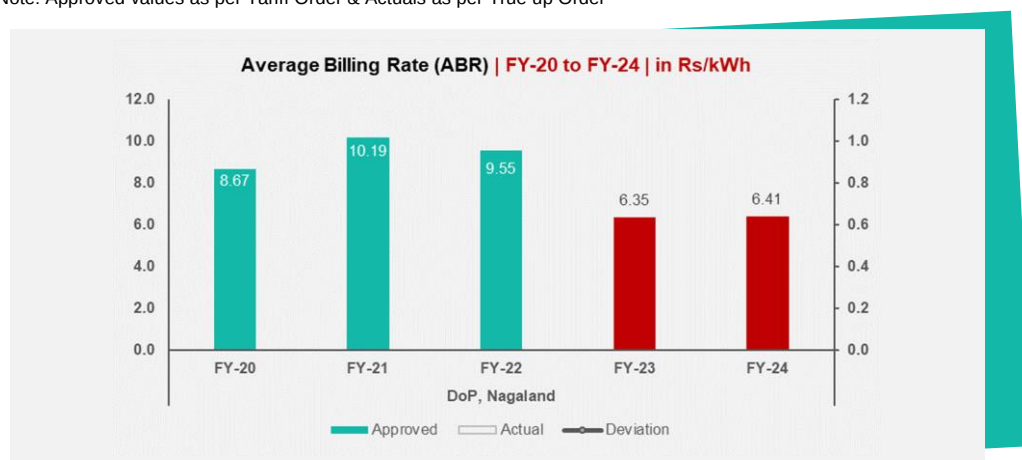
3. (a) Average Billing Rate (ABR)

The Approved and Actual ABR as per the tariff order for FY 2019-20 to FY 2021-22 along with approved ABR for FY 2022-23 and FY 2023-24 is provided as below:

(in Rs./ kWh)

Description	FY 2019-20		FY 2020-21		FY 2021-22		FY 2022-23	FY 2023-24
	Approved	Actual	Approved	Actual	Approved	Actual	Approved	Approved
DoP- Nagaland	8.67	-	10.19	-	9.55	-	6.35	6.41
State level	8.67	-	10.19	-	9.55	-	6.35	6.41

Note: Approved values as per Tariff Order & Actuals as per True up Order



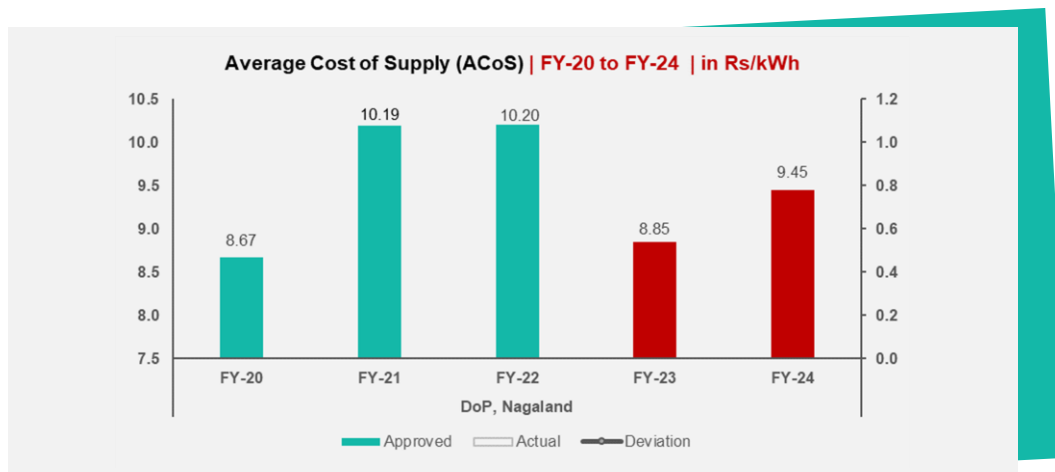
3. (b) Average Cost of Supply (ACoS)

The Approved and Actual ACoS as per the tariff order for FY 2019-20 to FY 2021-22 along with approved ACoS for FY 2022-23 and FY 2023-24 is provided as below:

(in Rs./ kWh)

Description	FY 2019-20		FY 2020-21		FY 2021-22		FY 2022-23	FY 2023-24
	Approved	Actual	Approved	Actual	Approved	Actual	Approved	Approved
DoP- Nagaland	8.67	-	10.19	-	10.20	-	8.85	9.45
State level	8.67	-	10.19	-	10.20	-	8.85	9.45

Note: Approved values as per Tariff Order & Actuals as per True up Order | includes outside the state sale



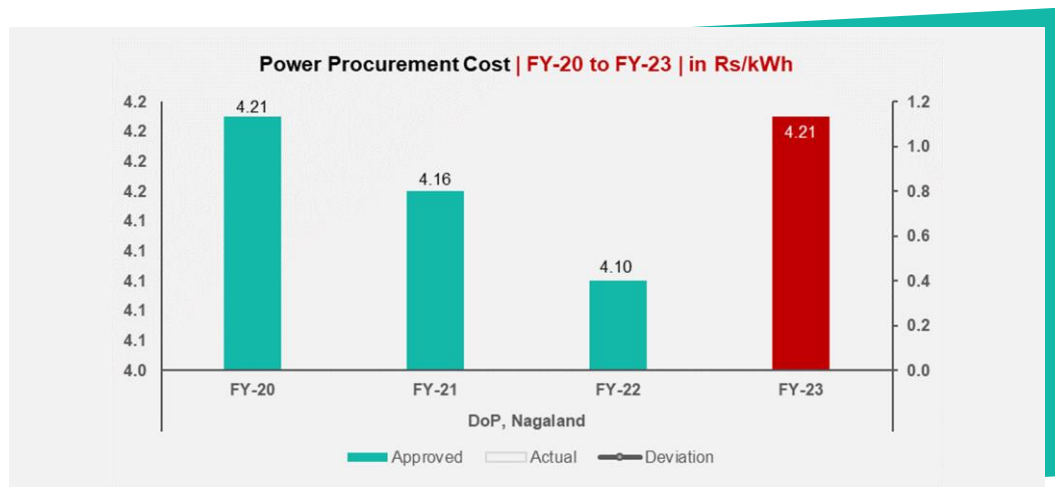
3. (c) Power Procurement Cost

The Power Procurement cost as approved by the State Commission in tariff order vs actual as per the approved true up of FY 2019-20 to FY 2021-22 is provided as below:

(in Rs./ kWh)

Description	FY 2019-20		FY 2020-21		FY 2021-22		FY 2022-23
	Approved	Actual	Approved	Actual	Approved	Actual	Approved
DoP-Nagaland	4.21	-	4.16	-	4.10	-	4.21
State level	4.21	-	4.16	-	4.10	-	4.21

Note: Approved values as per Tariff Order & Actuals as per True up Order | Excludes Transmission charges



3. (d) Expenses and Revenue

The difference in total expenses and revenues, as per filing in the tariff petition and the figures approved in tariff order by NERC for FY 2023-24, are given below:

(in Rs. Cr.)

Sr. No.	Particulars	Tariff Petition (I)	Tariff Order (II)	Disallowance (III= I-II)
1	Power Purchase Expenses	405	485	(81)
2	Cost of Generation	20	20	0
3	O&M Expenses	192	192	0
a)	Employee expenses	154	154	0
b)	A&G expenses	3	3	0
c)	R&M expenses	35	35	0
4	Depreciation	77	0	77

Sr. No.	Particulars	Tariff Petition (I)	Tariff Order (II)	Disallowance (III= I-II)
5	Transmission Charges	87	114	(27)
6	Total Revenue Requirement	781	812	(31)
7	Less: Non-Tariff Income	15	15	0
8	Net Revenue Requirement	766	797	(31)
9	Total Revenue [§]	-	499	-
10	Revenue Subsidy from Govt. of Nagaland	-	192	-
11	Additional Revenue from tariff hike [§]	-	11	-
12	Revenue Gap for FY 2023-24	-	94	-
13	Additional Subsidy from Govt. of Nagaland	-	94	-
13	Net Revenue Gap for FY 2023-24	-	0	-

Note: [§] at approved tariff

4. Cumulative Revenue Gap/ Surplus

(in Rs. Cr.)

Description	DoP-Nagaland
Net Revenue Requirement	797
Total Revenue	510
Revenue Subsidy from Govt. of Nagaland	192
Revenue Gap for FY 2023-24	94
Additional Subsidy from Govt. of Nagaland	94
Net Revenue Gap for FY 2023-24	0

5. Summary of Compliances

Sr. No.	Description	Status	Summary
1.	Tariff Order Issuance - Timeliness		Summary Latest Tariff Order: FY 2023-24 Latest True up Order: FY 2014-15 Approved Tariff Hike: ~2.51% New Regulatory Asset: Nil Proposed Liquidation Plan: NA
a)	Generation – Tariff Order	NA	
b)	Transmission – Tariff Order	NA	
c)	Distribution – Tariff Order	√	
d)	Distribution – True up Order	X	
2.	Creation of New Regulatory Assets	√	
3.	Cross subsidy within ±20% of ACoS – LT Industrial Category	X	
4.	Cross subsidy within ±20% of ACoS – HT Industrial Category	NA	

Note: Complied (√) | Not Complied (X)

1. Tariff Order Issuance Timelines



1.1. Tariff Order (Generation) – OHPC/ OHPGCL

Key Dates	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24
Filing of Tariff Petition	29-Nov-18	28-Nov-19	27-Nov-20	30-Nov-21	25-Nov-22
Tariff Issuance	28-Mar-19	22-Apr-20	26-Mar-21	24-Mar-22	23-Mar-23
Tariff Applicability	01-Apr-19	01-Apr-20	01-Apr-21	01-Apr-22	01-Apr-23
Disposal (in Days)	119	146	119	114	118



1.2. Tariff Order (Transmission) - OPTCL

Key Dates	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24
Filing of Tariff Petition	30-Nov-18	30-Nov-19	01-Dec-20	30-Nov-21	30-Nov-22
Tariff Issuance	26-Mar-19	21-Apr-20	26-Mar-21	24-Mar-22	23-Mar-23
Tariff Applicability	01-Apr-19	01-Apr-20	01-Apr-21	01-Apr-22	01-Apr-23
Disposal (in Days)	116	143	115	114	113



1.3. (a) Tariff Order (Distribution) - TPCODL/ TPNODL/ TPSODL/ TPWODL

Key dates	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24
Filing of Tariff Petition	30-Nov-18	03-Dec-19	01-Dec-20	29-Nov-21	30-Nov-22
Tariff Issuance	29-Mar-19	22-Apr-20	26-Mar-21	24-Mar-22	23-Mar-23
Tariff Applicability	01-Apr-19	01-Apr-20	01-Apr-21	01-Apr-22	01-Apr-23
Disposal (in Days)	119	141	115	115	113

1.3. (b) True up Order (Distribution) - TPCODL/ TPNODL/ TPSODL/ TPWODL

Key Dates	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
Filing of Tariff Petition	-	-	-	30-Nov-22
True up Issuance	-	-	-	23-Mar-23
Disposal (in Days)	-	-	-	113

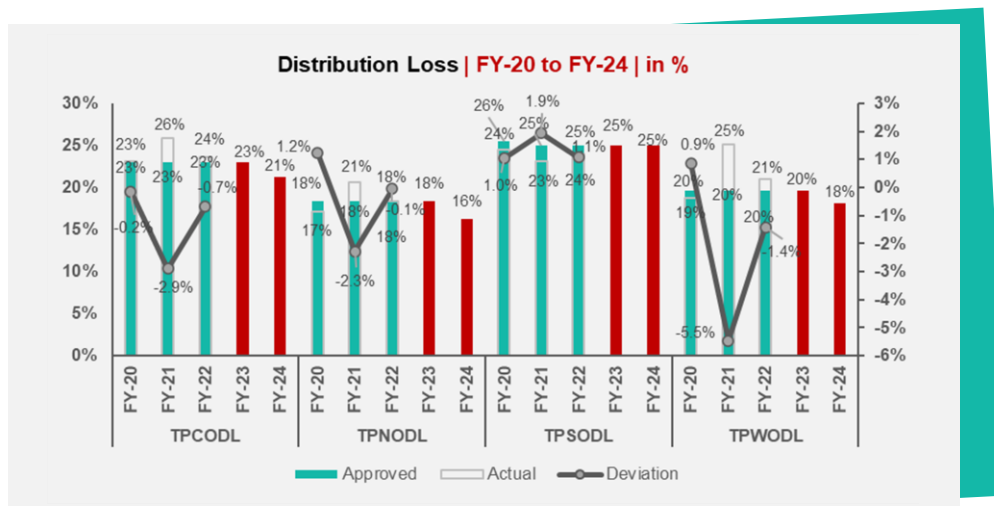
2. Distribution Loss

The Approved and Actual distribution loss for FY 2019-20 to FY 2021-22 and approved distribution loss for FY 2022-23 and FY 2023-24 are as below:

(in %)

Description	FY 2019-20		FY 2020-21		FY 2021-22		FY 2022-23	FY 2023-24
	Approved	Actual	Approved	Actual	Approved	Actual	Approved	Approved
TPCODL	23.00	23.15	23.00	25.90	22.93	23.62	22.93	21.21
TPNODL	18.35	17.12	18.35	20.63	18.35	18.40	18.35	16.25
TPSODL	25.00	24.47	25.00	23.07	25.00	23.93	25.00	25.00
TPWODL	19.60	18.73	19.60	25.07	19.60	21.02	19.60	18.08
State level	21.28	20.65	21.36	24.17	21.24	21.76	21.25	19.58

Note: Approved values as per Tariff Order & Actuals as per DISCOM filed in the True up Order



3. Cost Reflective Tariff

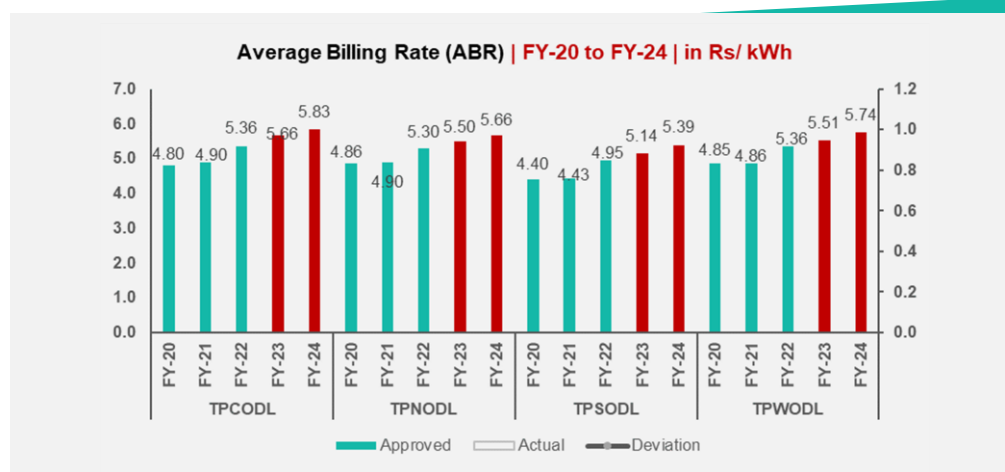
3. (a) Average Billing Rate (ABR)

The Approved and Actual ABR as per the tariff order for FY 2019-20 to FY 2021-22 along with approved ABR for FY 2022-23 and FY 2023-24 is provided as below:

(in Rs./ kWh)

Description	FY 2019-20		FY 2020-21		FY 2021-22		FY 2022-23	FY 2023-24
	Approved	Actual	Approved	Actual	Approved	Actual	Approved	Approved
TPCODL	4.80	-	4.90	-	5.36	-	5.66	5.83
TPNODL	4.86	-	4.90	-	5.30	-	5.50	5.66
TPSODL	4.40	-	4.43	-	4.95	-	5.14	5.39
TPWODL	4.85	-	4.86	-	5.36	-	5.51	5.74
State level	4.70	-	4.82	-	5.29	-	5.50	5.71

Note: Approved values as per Tariff Order & Actuals as per True up Order



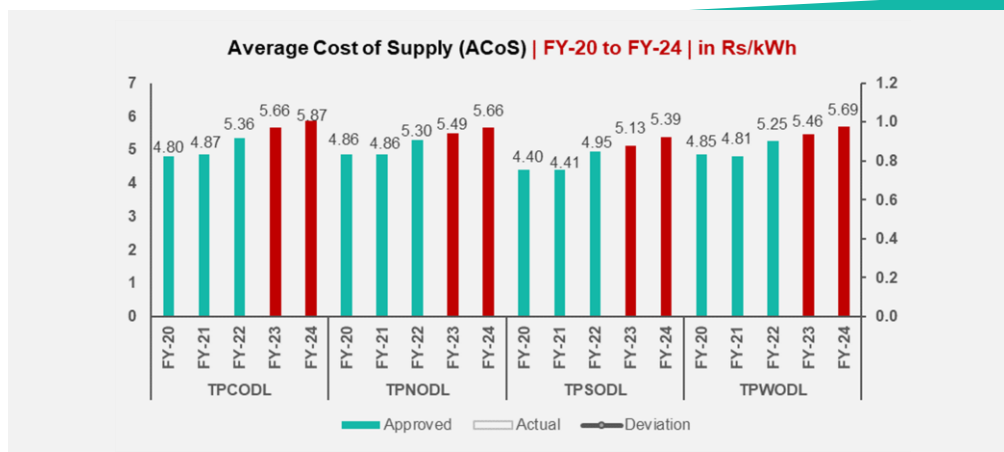
3. (b) Average Cost of Supply (ACoS)

The Approved and Actual ACoS as per the tariff order for FY 2019-20 to FY 2021-22 along with approved ACoS for FY 2022-23 and FY 2023-24 is provided as below:

(in Rs./ kWh)

Description	FY 2019-20		FY 2020-21		FY 2021-22		FY 2022-23	FY 2023-24
	Approved	Actual	Approved	Actual	Approved	Actual	Approved	Approved
TPCODL	4.80	-	4.87	-	5.36	-	5.66	5.87
TPNODL	4.86	-	4.86	-	5.30	-	5.49	5.66
TPSODL	4.40	-	4.41	-	4.95	-	5.13	5.39
TPWODL	4.85	-	4.81	-	5.25	-	5.46	5.69
State level	4.77	-	4.79	-	5.25	-	5.48	5.70

Note: Approved values as per Tariff Order & Actuals as per True up Order | excludes outside the state sale



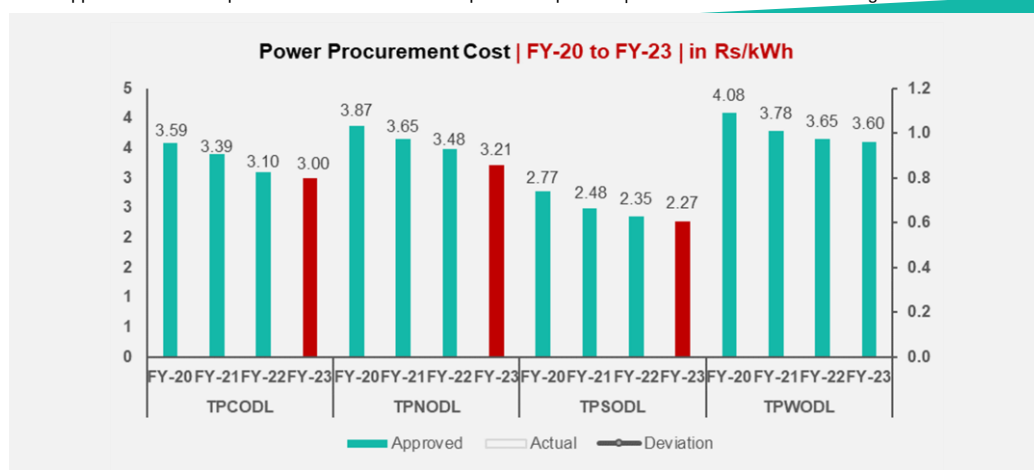
3. (c) Power Procurement Cost

The Power Procurement cost as approved by the State Commission in tariff order vs actual as per the approved true up of FY 2019-20 to FY 2021-22 is provided as below:

(in Rs./ kWh)

Description	FY 2019-20		FY 2020-21		FY 2021-22		FY 2022-23
	Approved	Actual	Approved	Actual	Approved	Actual	Approved
TPCODL	3.59	-	3.39	-	3.11	-	3.00
TPNODL	3.87	-	3.65	-	3.48	-	3.21
TPSODL	2.77	-	2.48	-	2.35	-	2.27
TPWODL	4.08	-	3.78	-	3.65	-	3.60
State level	3.76	-	3.44	-	3.24	-	3.12

Note: Approved values as per Tariff Order & Actuals as per True up Order | Excludes Transmission charges



3. (d) Expenses and Revenue

The difference in total expenses and revenues, as per filing in the tariff petition and the figures approved in tariff order by OERC for FY 2023-24, are given below:

Sr. No.	Particulars	TPWODL			TPNODL			TPSODL			TPCODL			(in Rs. Cr.) State		
		Tariff Petition (I)	Tariff Order (II)	Disallowance (III= I-II)	Tariff Petition (I)	Tariff Order (II)	Disallowance (III= I-II)	Tariff Petition (I)	Tariff Order (II)	Disallowance (III= I-II)	Tariff Petition (I)	Tariff Order (II)	Disallowance (III= I-II)	Tariff Petition (I)	Tariff Order (II)	Disallowance (III= I-II)
1	Cost of Power Purchase	4740	5208	(468)	2394	2515	(121)	1085	1033	52	3301	3433	(133)	11520	12189	(588)
2	Transmission Cost	358	319	40	209	180	29	134	118	16	308	270	38	1009	887	68
3	SLDC Cost	2	2	(0)	1	1	(0)	1	1	(0)	2	2	0	5	6	(0)
4	Employee costs	641	581	60	561	529	31	639	526	113	854	803	50	2694	2439	91
5	Repair & Maintenance exp.	346	282	64	257	214	43	155	153	3	291	279	12	1050	928	107
6	A & G Expenses	262	158	104	140	120	20	137	113	25	164	142	22	703	533	124
7	Provision for Bad & Doubtful Debts	62	63	(1)	35	36	(1)	20	20	(0)	51	52	(1)	167	170	(1)
8	Depreciation	97	73	24	67	50	17	62	52	10	81	81	0	307	256	41
9	Interest on loan and S.D	182	172	10	121	110	10	67	64	3	171	126	45	540	471	20
10	Less: Employee cost capitalized	26	26	0	17	17	0	30	30	0	26	26	0	99	99	0
11	Less: Interest Capitalized	18	18	0	10	10	0	0	4	(4)	11	11	0	38	42	0
12	Return on equity	109	58	52	79	47	32	54	40	14	132	81	51	375	225	84
13	Tax on ROE	37	0	37	27	0	27	21	0	21	0	0	0	84	0	64
14	Carrying Cost on Regulatory Asset	(16)	0	(16)	21	0	21	0	0	0	0	0	0	5	0	5
15	Repayment on ASL	0	0	0	0	0	0	0	0	0	20	0	20	20	0	0
16	Expenditure of DSM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	Less: Non-tariff Income	289	400	(111)	178	155	23	56	56	(0)	110	110	0	633	721	(88)
18	True up of Surplus/(Losses) for FY-22	715	700	14	0	66	(66)	0	68	(68)	0	80	(80)	715	913	(51)
19	True up of Surplus/(Losses) for FY-21	0	114	(114)	0	0	0	0	33	(33)	0	(23)	23	0	123	(114)
20	Provisional Surplus allowed in FY-23	0	150	(150)	0	0	0	0	60	(60)	0	140	(140)	0	350	(150)
21	BSP Surcharge	0	387	(387)	0	0	0	0	0	0	0	0	0	0	387	(387)
22	Total Special Appropriation	0	(277)	277	0	(66)	66	0	(40)	40	0	83	(83)	0	(300)	343
23	Total Revenue Requirement	5772	6193	(421)	3707	3556	151	2290	1988	302	5227	5206	22	16997	16943	(270)
24	Expected Revenue^s	6172	6252	(80)	3503	3559	(56)	1986	1991	(5)	5144	5171	(27)	16805	16972	(136)
25	Revenue Gap/ (Surplus)	400	59	341	(204)	3	207	(304)	3	307	-83	(35)	49	(192)	30	(134)

Note: ^s at approved tariff

4. Cumulative Revenue Gap/ Surplus

(in Rs. Cr.)

Description	TPWODL	TPNODL	TPSODL	TPSODL	State
Total Revenue Requirement	6,193	3,556	1,988	5,206	16,943
Expected Revenue ^s	6,252	3,559	1,991	5,171	16,972
Revenue Gap/ (Surplus) for FY 2023-24	59	3	3	(35)	30

5. Summary of Compliances

Sr. No.	Description	Status	Summary
1.	Tariff Order Issuance - Timeliness		
a)	Generation – Tariff Order	✓	
b)	Transmission – Tariff Order	✓	
c)	Distribution – Tariff Order	✓	
d)	Distribution – True up Order	✓	
2.	Creation of New Regulatory Assets	Nil	
3.	Cross subsidy within ±20% of ACoS – LT Industrial Category	NA	
4.	Cross subsidy within ±20% of ACoS – HT Industrial Category	NA	

Note: Complied (✓) | Not Complied (X)

Summary

Latest Tariff Order: FY 2023-24

Latest True up Order: FY 2021-22

Approved Tariff Hike: Nil

New Regulatory Asset: Nil

Proposed Liquidation Plan: NA



1. Tariff Order Issuance Timelines

1.1. Tariff Order (Generation) - PPCL

Key Dates	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24
Filing of Tariff Petition	06-Dec-18	22-Nov-19	24-Nov-20	24-Nov-21	26-Dec-22
Tariff Issuance	20-May-19	18-May-20	07-Apr-21	31-Mar-22	28-Mar-23
Tariff Applicability	01-Jun-19	01-Jun-20	01-Apr-21	01-Apr-22	01-Apr-23
Disposal (in Days)	165	178	134	127	92

1.2. Tariff Order (Transmission) # - PED



Key Dates	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24
Filing of Tariff Petition	NA	NA	NA	NA	NA
Tariff Issuance	NA	NA	NA	NA	NA
Tariff Applicability	NA	NA	NA	NA	NA
Disposal (in Days)	NA	NA	NA	NA	NA

Note: State exempted from issuance of tariff order

1.3. (a) Tariff Order (Distribution) - PED



Key dates	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24
Filing of Tariff Petition	03-Dec-18	06-Dec-19	24-Nov-20	07-Dec-21	26-Dec-22
Tariff Issuance	20-May-19	18-May-20	07-Apr-21	31-Mar-22	30-Mar-23
Tariff Applicability	01-Jun-19	01-Jun-20	01-Apr-21	01-Apr-22	01-Apr-23
Disposal (in Days)	168	164	134	114	94

1.3. (b) True up Order (Distribution) - PED

Key Dates	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
Filing of Tariff Petition	-	24-Nov-20	07-Dec-21	26-Dec-22
True up Issuance	-	07-Apr-21	31-Mar-22	30-Mar-23
Disposal (in Days)	-	134	114	94

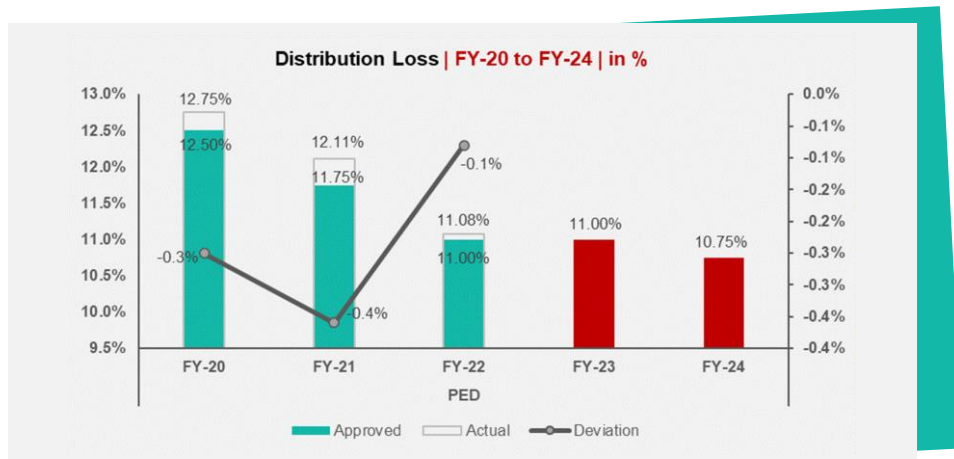
2. Distribution Loss

The Approved and Actual distribution loss for FY 2019-20 to FY 2021-22 and approved distribution loss for FY 2022-23 and FY 2023-24 are as below:

(in %)

Description	FY 2019-20		FY 2020-21		FY 2021-22		FY 2022-23	FY 2023-24
	Approved	Actual	Approved	Actual	Approved	Actual	Approved	Approved
PED	12.50	12.75	11.75	12.11	11.00	11.08	11.00	10.75
UT level	12.50	12.75	11.75	12.11	11.00	11.08	11.00	10.75

Note: Approved values as per Tariff Order & Actuals as per DISCOM filed in the True up Order | includes transmission loss



3. Cost Reflective Tariff

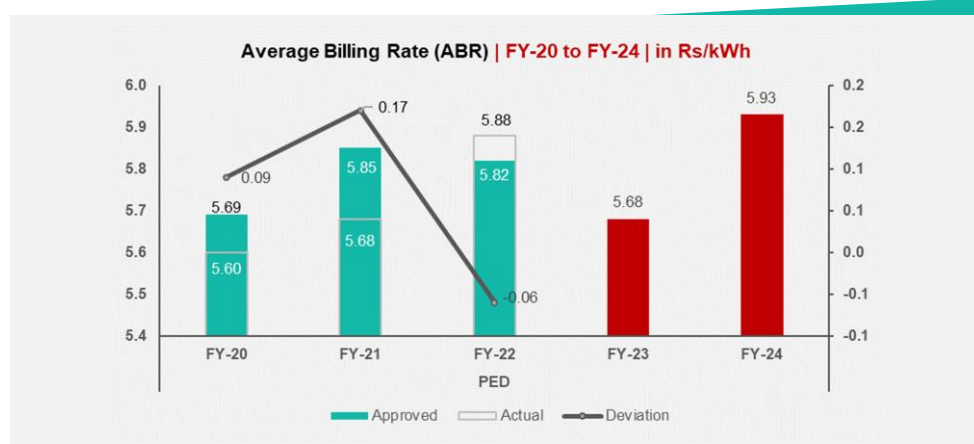
3. (a) Average Billing Rate (ABR)

The Approved and Actual ABR as per the tariff order for FY 2019-20 to FY 2021-22 along with approved ABR for FY 2022-23 and FY 2023-24 is provided as below:

(in Rs./ kWh)

Description	FY 2019-20		FY 2020-21		FY 2021-22		FY 2022-23	FY 2023-24
	Approved	Actual	Approved	Actual	Approved	Actual	Approved	Approved
PED	5.69	5.60	5.85	5.68	5.82	5.88	5.68	5.93
UT level	5.69	5.60	5.85	5.68	5.82	5.88	5.68	5.93

Note: Approved values as per Tariff Order & Actuals as per True up Order



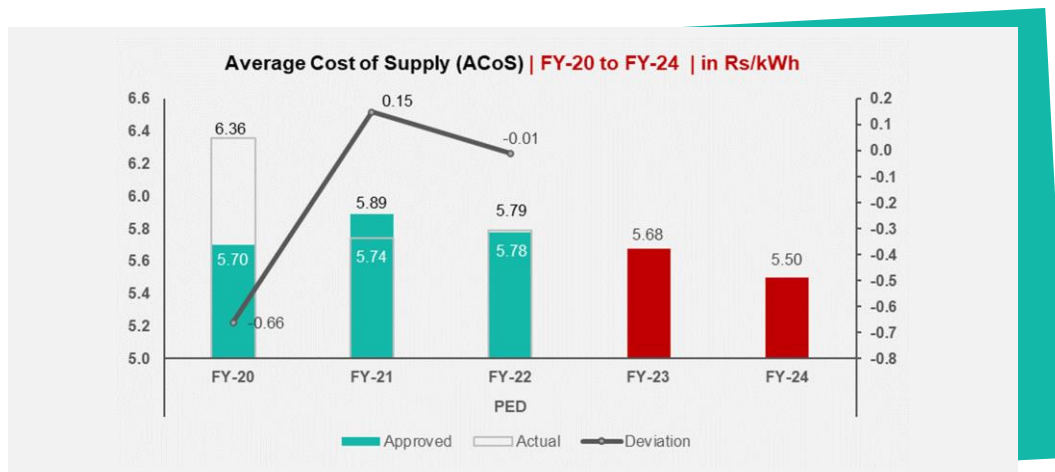
3. (b) Average Cost of Supply (ACoS)

The Approved and Actual ACoS as per the tariff order for FY 2019-20 to FY 2021-22 along with approved ACoS for FY 2022-23 and FY 2023-24 is provided as below:

(in Rs./ kWh)

Description	FY 2019-20		FY 2020-21		FY 2021-22		FY 2022-23	FY 2023-24
	Approved	Actual	Approved	Actual	Approved	Actual	Approved	Approved
PED	5.70	6.36	5.89	5.74	5.78	5.79	5.68	5.50
UT level	5.70	6.36	5.89	5.74	5.78	5.79	5.68	5.50

Note: Approved values as per Tariff Order & Actuals as per True up Order | excludes outside the state sale



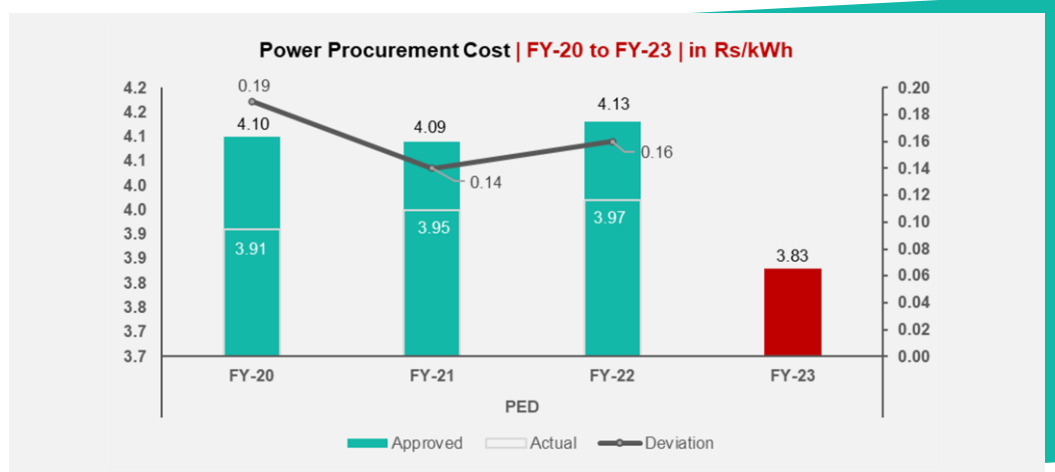
3. (c) Power Procurement Cost

The Power Procurement cost as approved by the State Commission in tariff order vs actual as per the approved true up of FY 2019-20 to FY 2021-22 is provided as below:

(in Rs./ kWh)

Description	FY 2019-20		FY 2020-21		FY 2021-22		FY 2022-23
	Approved	Actual	Approved	Actual	Approved	Actual	Approved
PED	4.10	3.91	4.09	3.95	4.13	3.97	3.83
UT level	4.10	3.91	4.09	3.95	4.13	3.97	3.83

Note: Approved values as per Tariff Order & Actuals as per True up Order | excludes Transmission charges



3. (d) Expenses and Revenue

The difference in total expenses and revenues, as per filing in the tariff petition and the figures approved in tariff order by JERC for FY 2023-24, are given below:

(in Rs. Cr.)

Sr. No.	Particulars	Tariff Petition (I)	Tariff Order (II)	Disallowance (III= I-II)
1	Power Purchase Expenses	1,567	1,481	87
2	O&M Expenses	202	162	40
a)	Employee Expenses	137	132	5
b)	R&M Expenses	49	11	38
c)	A&G Expenses	16	20	(4)
3	Depreciation	39	39	0
4	Interest Cost on Long-term Capital Loans	12	12	(0)
5	Interest on Working Capital	5	0	5

Sr. No.	Particulars	Tariff Petition (I)	Tariff Order (II)	Disallowance (III= I-II)
6	Interest on Security Deposit	11	11	(0)
7	Return on Equity	49	49	0
8	Total Revenue Requirement	1,885	1,753	132
9	Less: Non-Tariff Income	25	40	(15)
10	Net Revenue Requirement	1,860	1,713	147
11	Total Revenue ^s	1,767	1,715	52
12	Standalone Revenue Gap/ Surplus for FY 2023-24	93	(2)	

Note: ^s at approved tariff

4. Cumulative Revenue Gap/ Surplus

(in Rs. Cr.)

Description	PED
Opening Revenue Gap for FY 2023-24	480
Standalone Revenue Surplus for FY 2023-24	2
Less: Regulatory Surcharge for @8%	137
Approved carrying cost @8%	33
Cumulative Revenue Gap approved upto FY 2023-24	373

5. Summary of Compliances

Sr. No.	Description	Status	Summary
1.	Tariff Order Issuance - Timeliness		
a)	Generation – Tariff Order	√	Latest Tariff Order: FY 2023-24
b)	Transmission – Tariff Order	NA	Latest True up Order: FY 2021-22
c)	Distribution – Tariff Order	√	Approved Tariff Hike: ~4.69%
d)	Distribution – True up Order	√	New Regulatory Asset: Nil
2.	Creation of New Regulatory Assets	√	Proposed Liquidation Plan: Yes
3.	Cross subsidy within ±20% of ACoS – LT Industrial Category	√	
4.	Cross subsidy within ±20% of ACoS – HT Industrial Category	√	

Note: Complied (√) | Not Complied (X)



1. Tariff Order Issuance Timelines

1.1. Tariff Order (Generation) - PSPCL

Key Dates	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24
Filing of Tariff Petition	11-Dec-18	12-Dec-19	11-Dec-20	03-Dec-19	-
Tariff Issuance	27-May-19	01-Jun-20	28-May-21	31-Mar-20	-
Tariff Applicability	01-Jun-19	01-Jun-20	01-Jun-21	01-Apr-22	-
Disposal (in Days)	167	172	168	119	-



1.2. Tariff Order (Transmission) - PSTCL

Key Dates	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24
Filing of Tariff Petition	01-Dec-18	01-Dec-19	01-Dec-20	01-Dec-21	29-Nov-22
Tariff Issuance	27-May-19	01-Jun-20	28-May-21	31-Mar-22	15-May-23
Tariff Applicability	01-Jun-19	01-Jun-20	01-Jun-21	01-Apr-22	01-Apr-23
Disposal (in Days)	177	183	178	120	167



1.3. (a) Tariff Order (Distribution) - PSPCL

Key dates	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24
Filing of Tariff Petition	11-Dec-18	12-Dec-19	11-Dec-20	03-Dec-19	30-Nov-22
Tariff Issuance	27-May-19	01-Jun-20	28-May-21	31-Mar-20	15-May-23
Tariff Applicability	01-Jun-19	01-Jun-20	01-Jun-21	01-Apr-22	01-Apr-23
Disposal (in Days)	167	172	168	119	166

1.3. (b) True up Order (Distribution) - PSPCL

Key Dates	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
Filing of Tariff Petition	12-Dec-19	11-Dec-20	03-Dec-19	30-Nov-22
True up Issuance	01-Jun-20	28-May-21	31-Mar-20	15-May-23
Disposal (in Days)	172	168	119	166

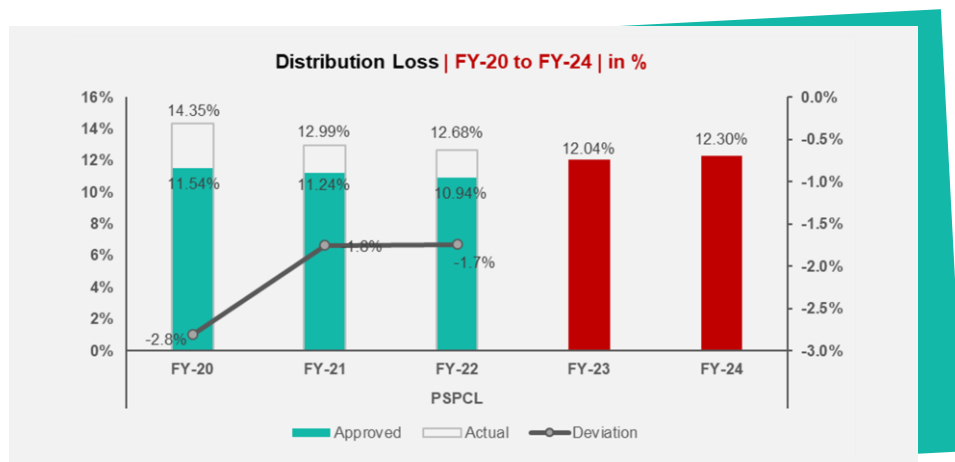
2. Distribution Loss

The Approved and Actual distribution loss for FY 2019-20 to FY 2021-22 and approved distribution loss for FY 2022-23 and FY 2023-24 are as below:

(in %)

Description	FY 2019-20		FY 2020-21		FY 2021-22		FY 2022-23	FY 2023-24
	Approved	Actual	Approved	Actual	Approved	Actual	Approved	Approved
PSPCL	11.54	14.35	11.24	12.99	10.94	12.68	12.04	12.30
State level	11.54	14.35	11.24	12.99	10.94	12.68	12.04	12.30

Note: Approved values as per Tariff Order & Actuals as per DISCOM filed in the True up Order | excludes transmission loss



3. Cost Reflective Tariff

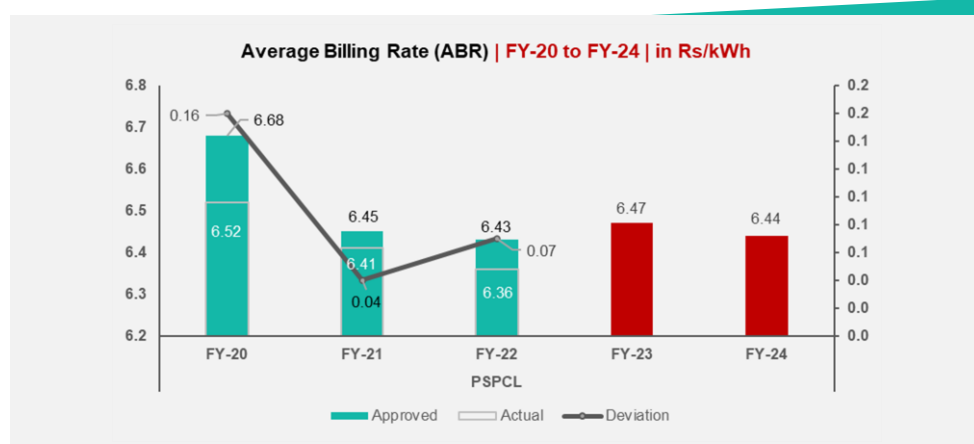
3. (a) Average Billing Rate (ABR)

The Approved and Actual ABR as per the tariff order for FY 2019-20 to FY 2021-22 along with approved ABR for FY 2022-23 and FY 2023-24 is provided as below:

(in Rs./ kWh)

Description	FY 2019-20		FY 2020-21		FY 2021-22		FY 2022-23	FY 2023-24
	Approved	Actual	Approved	Actual	Approved	Actual	Approved	Approved
PSPCL	6.68	6.52	6.45	6.41	6.43	6.36	6.47	6.44
State level	6.68	6.52	6.45	6.41	6.43	6.36	6.47	6.44

Note: Approved values as per Tariff Order & Actuals as per True up Order



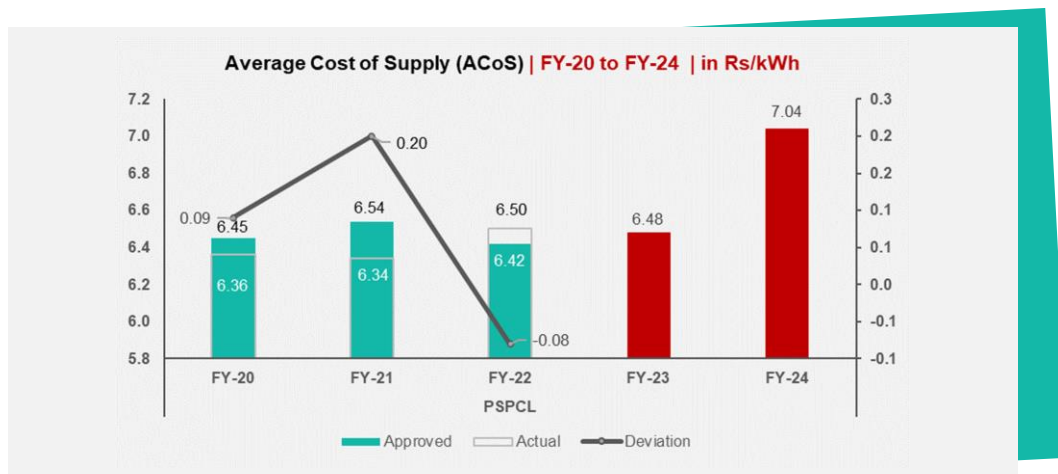
3. (b) Average Cost of Supply (ACoS)

The Approved and Actual ACoS as per the tariff order for FY 2019-20 to FY 2021-22 along with approved ACoS for FY 2022-23 and FY 2023-24 is provided as below:

(in Rs./ kWh)

Description	FY 2019-20		FY 2020-21		FY 2021-22		FY 2022-23	FY 2023-24
	Approved	Actual	Approved	Actual	Approved	Actual	Approved	Approved
PSPCL	6.45	6.36	6.54	6.34	6.42	6.50	6.48	7.04
State level	6.45	6.36	6.54	6.34	6.42	6.50	6.48	7.04

Note: Approved values as per Tariff Order & Actuals as per True up Order | includes outside the state sale



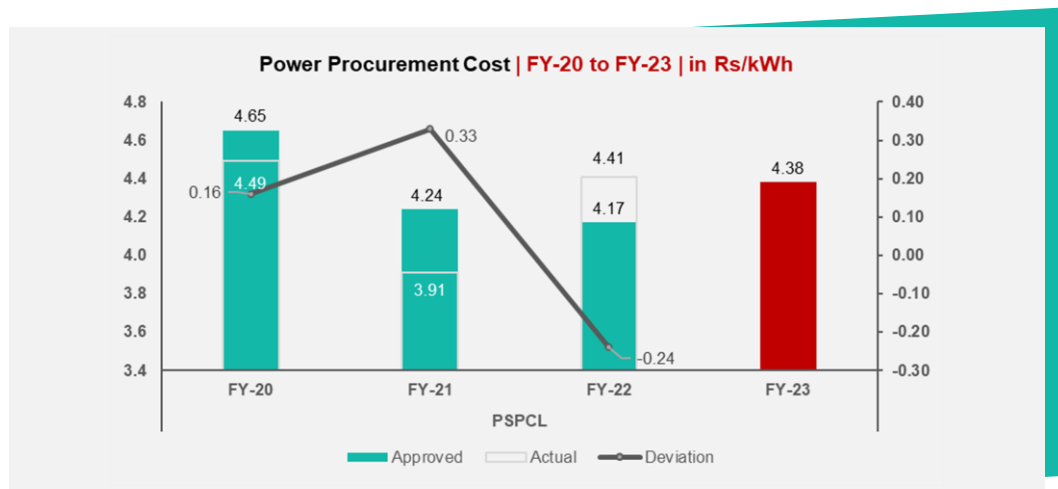
3. (c) Power Procurement Cost

The Power Procurement cost as approved by the State Commission in tariff order vs actual as per the approved true up of FY 2019-20 to FY 2021-22 is provided as below:

(in Rs./ kWh)

Description	FY 2019-20		FY 2020-21		FY 2021-22		FY 2022-23
	Approved	Actual	Approved	Actual	Approved	Actual	Approved
PSPCL	4.65	4.49	4.24	3.91	4.17	4.41	4.38
State level	4.65	4.49	4.24	3.91	4.17	4.41	4.38

Note: Approved values as per Tariff Order & Actuals as per True up Order | Excludes Transmission charges



3. (d) Expenses and Revenue

The difference in total expenses and revenues, as per filing in the tariff petition and the figures approved in tariff order by PSERC for FY 2023-24, are given below:

(in Rs. Cr.)

Sr. No.	Particulars	Tariff Petition (I)	Tariff Order (II)	Disallowance (III= I-II)
1	Fuel Cost	1,915	1,771	144
2	Power Purchase Cost	28,118	27,446	672
3	O&M Expenses	7,686	7,283	403
a)	Employee Expenses	6,827	6,439	388
b)	A&G expenses	264	200	64
c)	R&M expenses	595	644	(49)
4	Depreciation	1,248	1,248	0

Sr. No.	Particulars	Tariff Petition (I)	Tariff Order (II)	Disallowance (III= I-II)
5	Interest & Finance Charges	741	378	363
6	Interest on Consumer Security Deposit	150	128	22
7	Return on Equity	1,685	975	710
8	Interest on Working Capital	589	189	400
9	Intra-State Transmission Charges	1,567	1,568	(1)
10	Provision for DSM fund	6	0.03	6
11	Royalty Paid by RSD to GoP	22	12	10
12	Total Revenue Requirement	43,727	40,999	2,728
13	Less: Non-Tariff Income	0	1,191	(1,191)
14	Net Revenue Requirement	43,727	39,808	3,919
15	Total Revenue	-	38,120	-
16	Revenue Gap upto FY 2023-24*	-	3,584	-
17	Net Revenue Requirement (including revenue gap)	-	43,393	-
18	Total Revenue for FY 2023-24 [§]	-	41,704	-
19	Revenue Gap for FY 2023-24	-	1,688	-

Note: [§] at approved tariff | *including Impact of Past years gap etc

4. Cumulative Revenue Gap/ Surplus

(in Rs. Cr.)

Description	PSPCL
Net Revenue Requirement	39,808
Revenue Gap upto FY 2023-24*	3,584
Net Revenue Requirement (including revenue gap)	43,393
Total Revenue for FY 2023-24 [§]	41,704
Revenue Gap for FY 2023-24	1,688

Note: [§] at approved tariff | *including Impact of Past years gap etc.

5. Summary of Compliances

Sr. No.	Description	Status	Summary
1.	Tariff Order Issuance - Timeliness		
a)	Generation – Tariff Order	X	Latest Tariff Order: FY 2023-24
b)	Transmission – Tariff Order	X	Latest True up Order: FY 2021-22
c)	Distribution – Tariff Order	X	Approved Tariff Hike: 8.64%
d)	Distribution – True up Order	X	New Regulatory Asset: Nil
2.	Creation of New Regulatory Assets	√	Proposed Liquidation Plan: NA
3.	Cross subsidy within ±20% of ACoS – LT Industrial Category	√	
4.	Cross subsidy within ±20% of ACoS – HT Industrial Category	√	

Note: Complied (√) | Not Complied (X)

1. Tariff Order Issuance Timelines



1.1. Tariff Order (Generation) - RRVUNL

Key Dates	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24
Filing of Tariff Petition	-	-	-	-	-
Tariff Issuance	18-Dec-19	11-Sep-20	15-Dec-21	02-May-22	-
Tariff Applicability	01-Apr-19	01-Apr-20	01-Apr-21	01-Apr-22	-
Disposal (in Days)	NA	NA	NA	NA	-



1.2. Tariff Order (Transmission) - RRVPNL

Key Dates	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24
Filing of Tariff Petition	30-Jul-19	29-Nov-19	31-Dec-20	07-Jan-22	-
Tariff Issuance	31-Jan-20	12-Oct-20	23-Dec-21	13-Jul-22	-
Tariff Applicability	-	-	-	-	-
Disposal (in Days)	185	318	357	187	-



1.3. (a) Tariff Order (Distribution) - AVVNL/ JdVVNL/ JVVNL

Key dates	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24
Filing of Tariff Petition	06-Aug-19	24-Nov-20	24-Nov-20	31-Mar-22	30-Nov-22
Tariff Issuance	06-Feb-20	24-Nov-21	24-Nov-21	01-Sep-22	31-Mar-23
Tariff Applicability	01-Feb-20	-	24-Nov-21	01-Sep-22	01-Apr-23
Disposal (in Days)	184	365	365	154	121

1.3. (b) True up Order (Distribution) - AVVNL/ JdVVNL/ JVVNL

Key Dates	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
Filing of Tariff Petition	16-Jan-20	25-Nov-20	04-Feb-22	30-Nov-22
True up Issuance	27-Jan-21	07-Sep-21	14-Jul-22	31-Mar-23
Disposal (in Days)	377	286	160	121

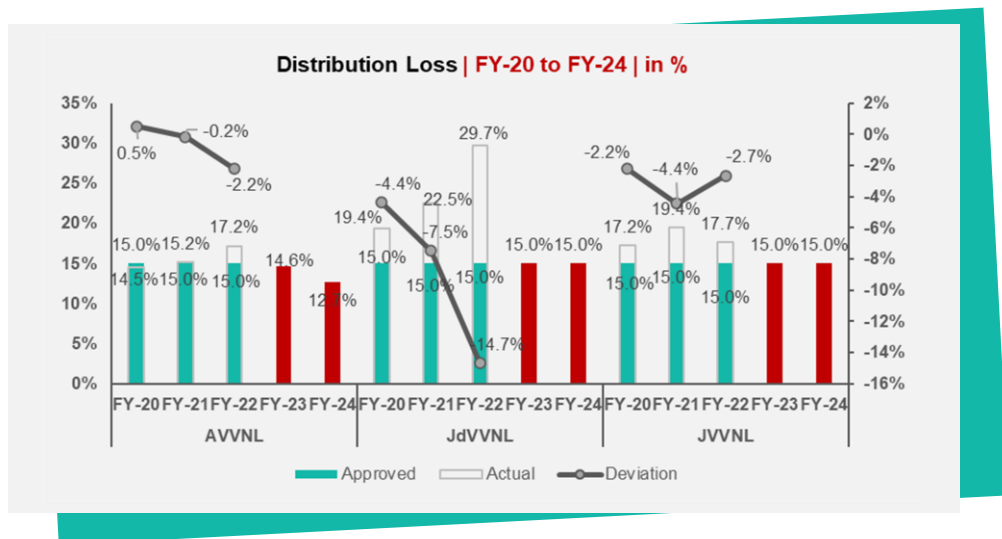
2. Distribution Loss

The Approved and Actual distribution loss for FY 2019-20 to FY 2021-22 and approved distribution loss for FY 2022-23 and FY 2023-24 are as below:

(in %)

Description	FY 2019-20		FY 2020-21		FY 2021-22		FY 2022-23	FY 2023-24
	Approved	Actual	Approved	Actual	Approved	Actual	Approved	Approved
AVVNL	15.00	14.48	15.00	15.15	15.00	17.20	14.60	12.73
JdVVNL	15.00	19.38	15.00	22.46	15.00	29.66	15.00	15.00
JVVNL	15.00	17.20	15.00	19.44	15.00	17.65	15.00	15.00
State level	15.00	17.23	15.00	20.14	15.00	22.07	14.88	14.35

Note: Approved values as per Tariff Order & Actuals as per DISCOM filed in the True up Order



3. Cost Reflective Tariff

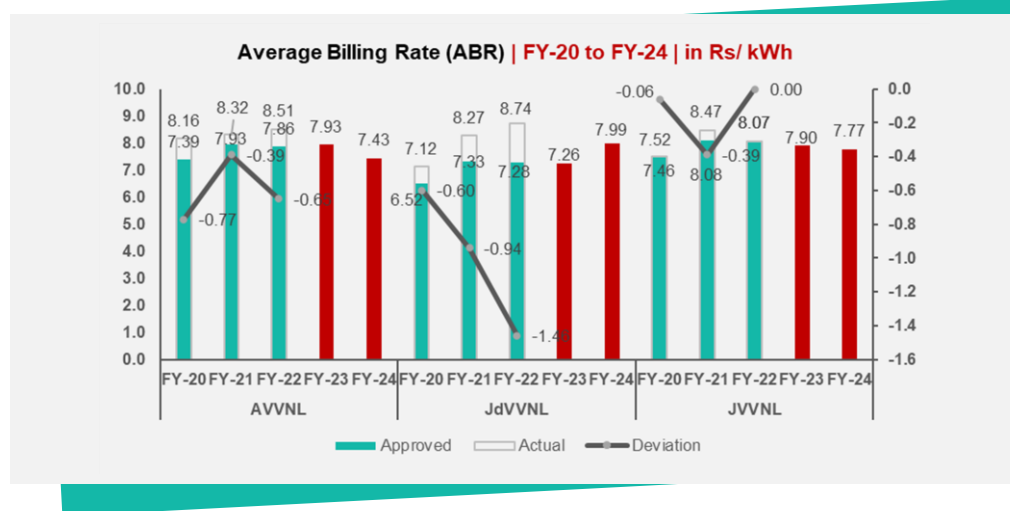
3. (a) Average Billing Rate (ABR)

The Approved and Actual ABR as per the tariff order for FY 2019-20 to FY 2021-22 along with approved ABR for FY 2022-23 and FY 2023-24 is provided as below:

(in Rs./ kWh)

Description	FY 2019-20		FY 2020-21		FY 2021-22		FY 2022-23	FY 2023-24
	Approved	Actual	Approved	Actual	Approved	Actual	Approved	Approved
AVVNL	7.39	8.16	7.93	8.32	7.86	8.51	7.93	7.43
JdVVNL	6.52	7.12	7.33	8.27	7.28	8.74	7.26	7.99
JVVNL	7.46	7.52	8.08	8.47	8.07	8.07	7.90	7.77
State level	7.14	7.56	7.78	8.36	7.75	8.41	7.70	7.75

Note: Approved values as per Tariff Order & Actuals as per True up Order



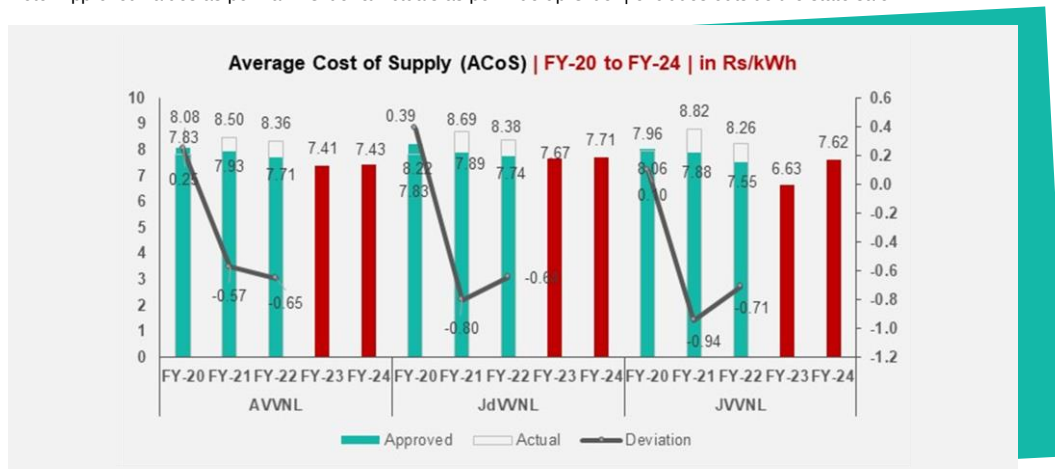
3. (b) Average Cost of Supply (ACoS)

The Approved and Actual ACoS as per the tariff order for FY 2019-20 to FY 2021-22 along with approved ACoS for FY 2022-23 and FY 2023-24 is provided as below:

(in Rs./ kWh)

Description	FY 2019-20		FY 2020-21		FY 2021-22		FY 2022-23	FY 2023-24
	Approved	Actual	Approved	Actual	Approved	Actual	Approved	Approved
AVVNL	8.08	7.83	7.93	8.50	7.71	8.36	7.41	7.43
JdVVNL	8.22	7.83	7.89	8.69	7.74	8.38	7.67	7.71
JVVNL	8.06	7.96	7.88	8.82	7.55	8.26	6.63	7.62
State level	8.12	7.88	7.90	8.69	7.66	8.33	7.18	7.60

Note: Approved values as per Tariff Order & Actuals as per True up Order | excludes outside the state sale



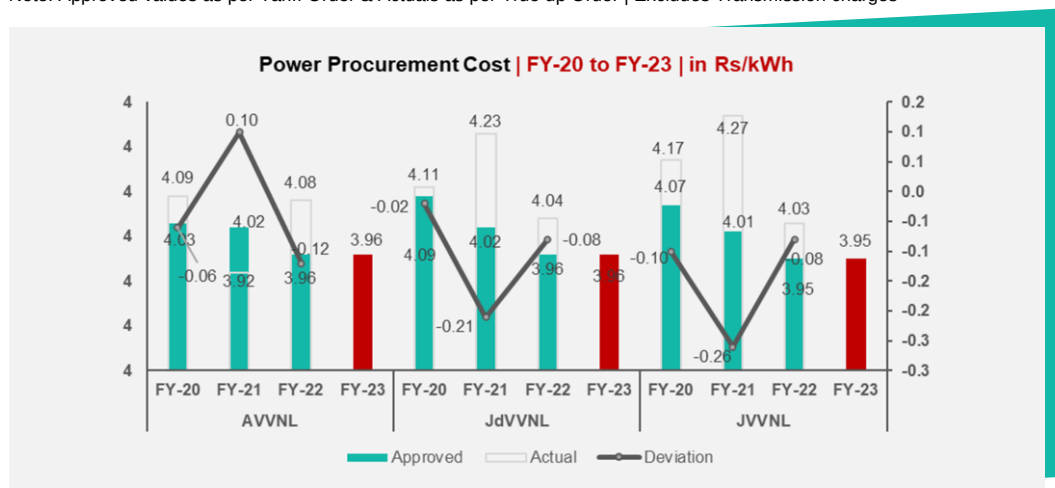
3. (c) Power Procurement Cost

The Power Procurement cost as approved by the State Commission in tariff order vs actual as per the approved true up of FY 2019-20 to FY 2021-22 is provided as below:

(in Rs./ kWh)

Description	FY 2019-20		FY 2020-21		FY 2021-22		FY 2022-23
	Approved	Actual	Approved	Actual	Approved	Actual	Approved
AVVNL	4.03	4.09	4.02	3.92	3.96	4.08	3.96
JdVVNL	4.09	4.11	4.02	4.23	3.96	4.04	3.96
JVVNL	4.07	4.17	4.01	4.27	3.95	4.03	3.95
State level	4.05	4.13	4.02	4.16	3.96	4.05	3.96

Note: Approved values as per Tariff Order & Actuals as per True up Order | Excludes Transmission charges



3. (d) Expenses and Revenue

The difference in total expenses and revenues, as per filing in the tariff petition and the figures approved in tariff order by RERC for FY 2023-24, are given below:

(in Rs. Cr.)

Sr. No.	Particulars	JVNL			AVNL			JdVNL			State		
		Tariff Petition (I)	Tariff Order (II)	Disallowance (III= I-II)	Tariff Petition (I)	Tariff Order (II)	Disallowance (III= I-II)	Tariff Petition (I)	Tariff Order (II)	Disallowance (III= I-II)	Tariff Petition (I)	Tariff Order (II)	Disallowance (III= I-II)
1	Power Purchase Expenses	17,414	16,904	510	11,798	13,025	(1,227)	15,102	15,727	(625)	44,314	45,656	(1,342)
2	Transmission charges	2,057	2,185	(128)	1,396	1,534	(138)	1,786	1,977	(191)	5,239	5,696	(457)
a)	PGCIL	880	880	0	597	597	0	764	764	0	2,241	2,241	0
b)	RVPN	1,165	1,295	(130)	790	930	(140)	1,011	1,204	(193)	2,966	3,429	(463)
c)	RLDC	1	1	0	1	1	0	1	1	0	3	3	0
d)	SLDC	11	9	2	8	6	2	10	8	2	29	23	6
3	O&M Expenses	1,979	1,844	135	1,527	1,472	55	1,843	1,751	92	5,349	5,067	282
4	Terminal Benefits	406	406	0	788	788	0	635	635	0	1,829	1,829	0
5	Interest and Finance Charges	1,058	931	127	578	475	103	1,119	623	496	2,755	2,029	726
6	Interest on Working Capital	224	213	11	168	154	14	243	263	(20)	635	630	5
7	Interest of Regulatory assets	2,303	1,918	385	1,466	1,230	236	2,583	2,149	434	6,352	5,297	1,055
8	Depreciation	1,360	882	478	1,139	688	451	1,341	697	644	3,840	2,267	1,573
9	Insurance Expenses	39	35	4	34	28	6	35	25	10	108	88	20
10	Interest on Uday Loan	520	520	0	538	538	0	488	488	0	1,546	1,546	0
11	Aggregate Revenue Requirement	27,361	25,838	1,523	19,431	19,933	(502)	25,175	24,335	840	71,967	70,106	1,861
12	Less: Non-Tariff Income	527	250	277	486	262	224	531	257	274	1,544	769	775
13	Less: Income from wheeling charges	2	2	0	1	1	0	1	1	0	4	4	0
14	Less: Cross Subsidy Surcharge	0	0	0	1	1	0	0	0	0	1	1	0
15	Less: Additional Surcharge	2	2	0	1	1	0	0	0	0	3	3	0
16	Net Aggregate Revenue Requirement	26,829	25,584	1,245	18,942	19,667	(725)	24,643	24,077	566	70,414	69,328	1,086
17	Total Revenue	25,316	25,064	252	19,931	19,654	277	21,405	21,927	(522)	66,652	66,645	7
18	Subsidy against compounding charges	19	19	0	34	34	0	3	3	0	56	56	0
19	Total Gap/ (Surplus)	1,494	501	993	(1,023)	(21)	(1,002)	3,235	2,147	1,088	3,706	2,627	1,079
20	Loss Subsidy under FRBM Scheme		505			0			2,993				
21	Total Gap/ (Surplus) for FY 2023-24		(4)			(21)			(846)			(891)	

Note: # including SLDC charges | \$ at approved tariff

4. Cumulative Revenue Gap/ Surplus

(in Rs. Cr.)

Description	JVVNL	AVVNL	JdVVNL	State
Unfunded Gap up to FY 2022-23	17,848	11,507	19,368	48,724
Standalone Revenue Surplus for FY 2023-24	4	21	846	891
Total Unfunded Gap up to FY 2023-24	17,844	11,846	18,522	47,833

5. Summary of Compliances

Sr. No.	Description	Status	Summary
1.	Tariff Order Issuance - Timeliness		
a)	Generation – Tariff Order	X	Latest Tariff Order: FY 2023-24
b)	Transmission – Tariff Order	X	Latest True up Order: FY 2021-22
c)	Distribution – Tariff Order	√	Approved Tariff Hike: Nil
d)	Distribution – True up Order	√	New Regulatory Asset: Nil
2.	Creation of New Regulatory Assets	Nil	Proposed Liquidation Plan: Yes
3.	Cross subsidy within ±20% of ACoS – LT Industrial Category	√	
4.	Cross subsidy within ±20% of ACoS – HT Industrial Category	√	

Note: Complied (√) | Not Complied (X)



1. Tariff Order Issuance Timelines

1.1. Tariff Order (Generation)# - PD (Sikkim)

Key Dates	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24
Filing of Tariff Petition	NA	NA	NA	NA	NA
Tariff Issuance	NA	NA	NA	NA	NA
Tariff Applicability	NA	NA	NA	NA	NA
Disposal (in Days)	NA	NA	NA	NA	NA

Note: State exempted from issuance of tariff order



1.2. Tariff Order (Transmission)# - PD (Sikkim)

Key Dates	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24
Filing of Tariff Petition	NA	NA	NA	NA	NA
Tariff Issuance	NA	NA	NA	NA	NA
Tariff Applicability	NA	NA	NA	NA	NA
Disposal (in Days)	NA	NA	NA	NA	NA

Note: State exempted from issuance of tariff order



1.3. (a) Tariff Order (Distribution) - PD (Sikkim)

Key dates	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24
Filing of Tariff Petition	29-Nov-18	27-Nov-19	25-Nov-20	30-Nov-21	16-Nov-22
Tariff Issuance	29-May-19	16-Mar-20	26-Feb-21	14-Mar-22	21-Mar-23
Tariff Applicability	01-Apr-19	01-Apr-20	01-Apr-21	01-Apr-22	01-Apr-23
Disposal (in Days)	181	110	93	104	125

1.3. (b) True up Order (Distribution) - PD (Sikkim)

Key Dates	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
Filing of Tariff Petition	27-Nov-19	25-Nov-20	30-Nov-21	16-Nov-22
True up Issuance	16-Mar-20	26-Feb-21	14-Mar-22	21-Mar-23
Disposal (in Days)	110	93	104	125

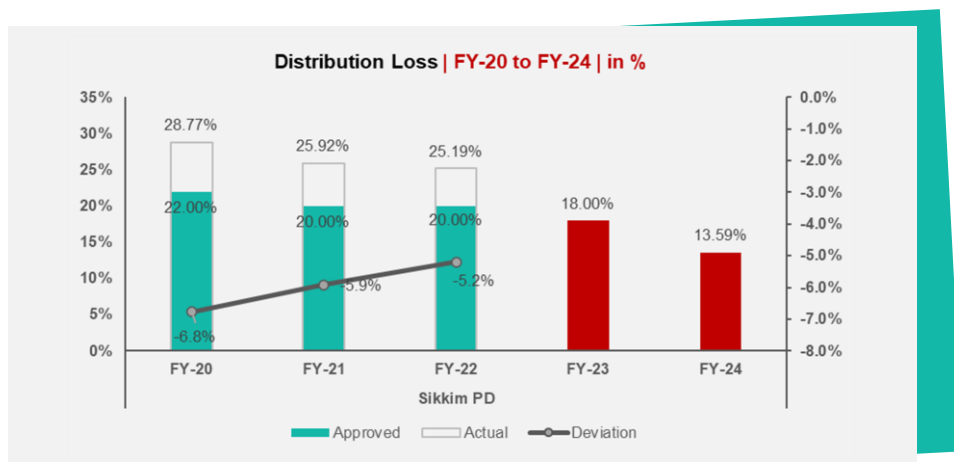
2. Distribution Loss

The Approved and Actual distribution loss for FY 2019-20 to FY 2021-22 and approved distribution loss for FY 2022-23 and FY 2023-24 are as below:

(in %)

Description	FY 2019-20		FY 2020-21		FY 2021-22		FY 2022-23	FY 2023-24
	Approved	Actual	Approved	Actual	Approved	Actual	Approved	Approved
PD-Sikkim	22.00	28.77	20.00	25.92	20.00	25.19	18.00	13.59
State level	22.00	28.77	20.00	25.92	20.00	25.19	18.00	13.59

Note: Approved values as per Tariff Order & Actuals as per DISCOM filed in the True up Order | includes transmission loss



3. Cost Reflective Tariff

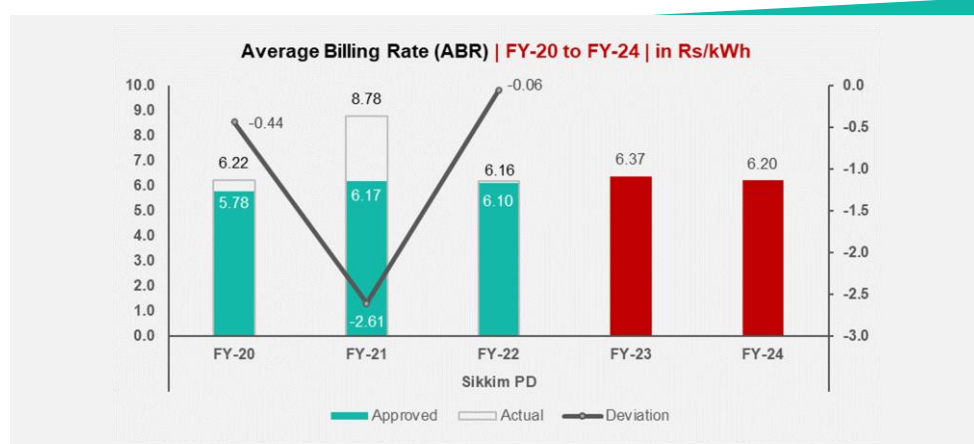
3. (a) Average Billing Rate (ABR)

The Approved and Actual ABR as per the tariff order for FY 2019-20 to FY 2021-22 along with approved ABR for FY 2022-23 and FY 2023-24 is provided as below:

(in Rs./ kWh)

Description	FY 2019-20		FY 2020-21		FY 2021-22		FY 2022-23	FY 2023-24
	Approved	Actual	Approved	Actual	Approved	Actual	Approved	Approved
PD-Sikkim	5.78	6.22	6.17	8.78	6.10	6.16	6.37	6.20
State level	5.78	6.22	6.17	8.78	6.10	6.16	6.37	6.20

Note: Approved values as per Tariff Order & Actuals as per True up Order



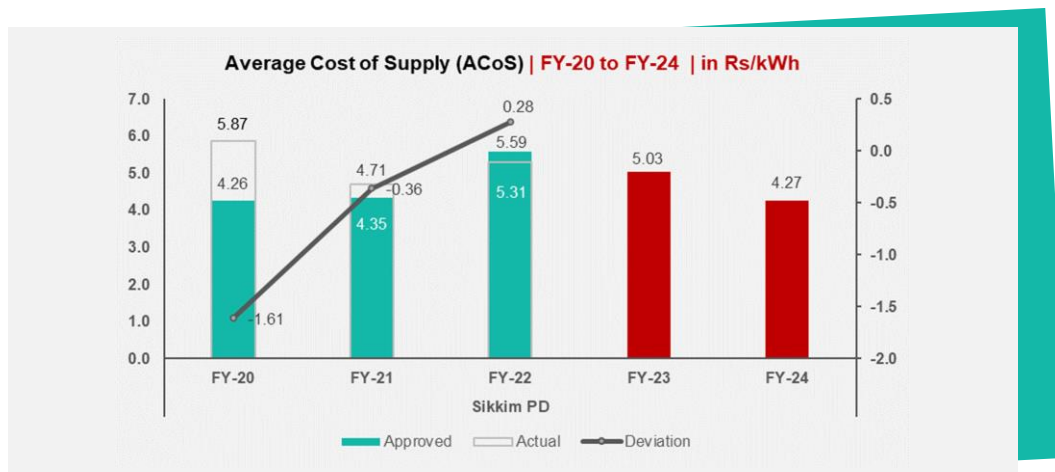
3. (b) Average Cost of Supply (ACoS)

The Approved and Actual ACoS as per the tariff order for FY 2019-20 to FY 2021-22 along with approved ACoS for FY 2022-23 and FY 2023-24 is provided as below:

(in Rs./ kWh)

Description	FY 2019-20		FY 2020-21		FY 2021-22		FY 2022-23	FY 2023-24
	Approved	Actual	Approved	Actual	Approved	Actual	Approved	Approved
PD-Sikkim	4.26	5.87	4.35	4.71	5.59	5.31	5.03	4.27
State level	4.26	5.87	4.35	4.71	5.59	5.31	5.03	4.27

Note: Approved values as per Tariff Order & Actuals as per True up Order | includes outside the state sale



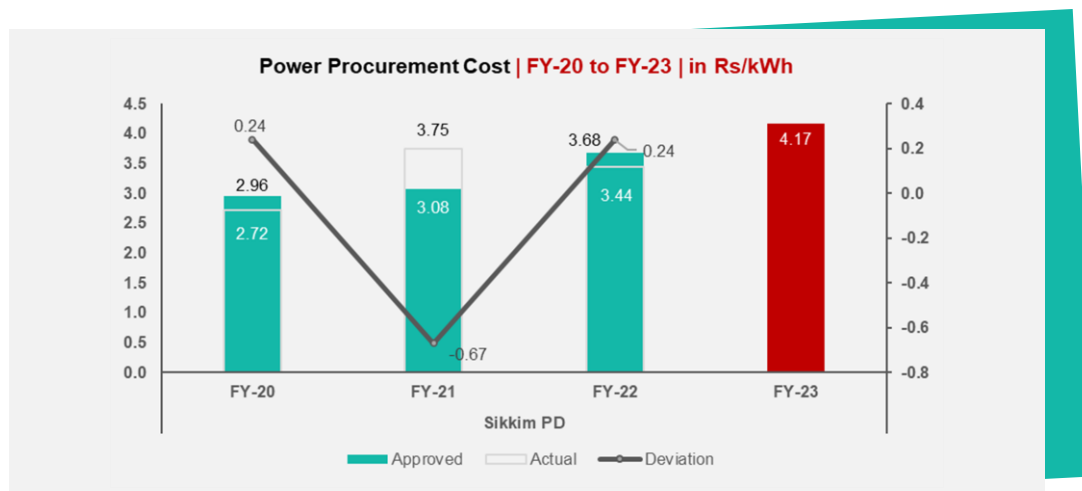
3. (c) Power Procurement Cost

The Power Procurement cost as approved by the State Commission in tariff order vs actual as per the approved true up of FY 2019-20 to FY 2021-22 is provided as below:

(in Rs./ kWh)

Description	FY 2019-20		FY 2020-21		FY 2021-22		FY 2022-23
	Approved	Actual	Approved	Actual	Approved	Actual	Approved
PD-Sikkim	2.96	2.72	3.08	3.75	3.68	3.44	4.17
State level	2.96	2.72	3.08	3.75	3.68	3.44	4.17

Note: Approved values as per Tariff Order & Actuals as per True up Order | Excludes Transmission charges



3. (d) Expenses and Revenue

The difference in total expenses and revenues, as per filing in the tariff petition and the figures approved in tariff order by SSERC for FY 2023-24, are given below:

(in Rs. Cr.)

Sr. No.	Particulars	Tariff Petition (I)	Tariff Order (II)	Disallowance (III= I-II)
1	Power Purchase Expenses	140	108	32
2	O&M Expenses	211	211	0
a)	Employee Expenses	194	194	0
b)	R&M Expenses	11	11	0
c)	A&G Expenses	6	6	0
3	Depreciation	39	30	9

Sr. No.	Particulars	Tariff Petition (I)	Tariff Order (II)	Disallowance (III= I-II)
4	Interest on Working Capital	3	7	(4)
5	Return on Equity	1	0	1
6	Intra State Transmission Charge	45	45	0
7	Total Revenue Requirement	439	401	39
8	Less: Non-Tariff Income	3	3	0
9	Net Revenue Requirement	436	398	39
10	Revenue from Approved Tariff	350	351	(1)
11	Revenue from Sale Outside the State	188	178	9
12	Total Revenue ^s	537	529	8
13	Revenue Gap/(Surplus) for FY 2023-24	(101)	(131)	30

Note: ^s at approved tariff

4. Cumulative Revenue Gap/ Surplus

(in Rs. Cr.)

Description	PD-Sikkim
Closing Revenue Gap till FY 2022-23	90
Revenue Gap as per True up of FY 2021-22	53
Revenue Surplus as per review of FY 2022-23	30
Total Revenue Surplus approved for FY 2023-24	131

5. Summary of Compliances

Sr. No.	Description	Status	Summary
1.	Tariff Order Issuance - Timeliness		
a)	Generation – Tariff Order	NA	Latest Tariff Order: FY 2023-24
b)	Transmission – Tariff Order	NA	Latest True up Order: FY 2021-22
c)	Distribution – Tariff Order	√	Approved Tariff Hike: ~2-3% (Comm.) & ~3-10% (Domestic)
d)	Distribution – True up Order	√	New Regulatory Asset: Nil
2.	Creation of New Regulatory Assets	√	Proposed Liquidation Plan: NA
3.	Cross subsidy within ±20% of ACoS – LT Industrial Category	X	
4.	Cross subsidy within ±20% of ACoS – HT Industrial Category	√	

Note: Complied (√) | Not Complied (X)



1. Tariff Order Issuance Timelines

1.1. Tariff Order (Generation) - TANGEDCO

Key Dates	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24
Filing of Tariff Petition	-	-	-	15-Jul-22	15-Jul-22
Tariff Issuance	-	-	-	09-Sep-22	09-Sep-22
Tariff Applicability	-	-	-	10-Sep-22	01-Jul-23
Disposal (in Days)	-	-	-	56	NA



1.2. Tariff Order (Transmission) - TANTRANSCO

Key Dates	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24
Filing of Tariff Petition	NA	NA	NA	15-Jul-22	15-Jul-22
Tariff Issuance	NA	NA	NA	09-Sep-22	09-Sep-22
Tariff Applicability	NA	NA	NA	10-Sep-22	-
Disposal (in Days)	NA	NA	NA	56	NA



1.3. (a) Tariff Order (Distribution) - TANGEDCO

Key dates	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24
Filing of Tariff Petition	-	-	-	15-Jul-22	15-Jul-22
Tariff Issuance	-	-	-	09-Sep-22	09-Sep-22
Tariff Applicability	-	-	-	10-Sep-22	01-Jul-23
Disposal (in Days)	-	-	-	56	NA

Note: Tariff Order not issued for FY 2019-20 to FY 2021-22 | MYT Tariff order issued for FY 2022-23 to FY 2026-27

1.3. (b) True up Order (Distribution) - TANGEDCO

Key Dates	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
Filing of Tariff Petition	15-Jul-22	15-Jul-22	15-Jul-22	-
True up Issuance	09-Sep-22	09-Sep-22	09-Sep-22	-
Disposal (in Days)	56	56	56	-

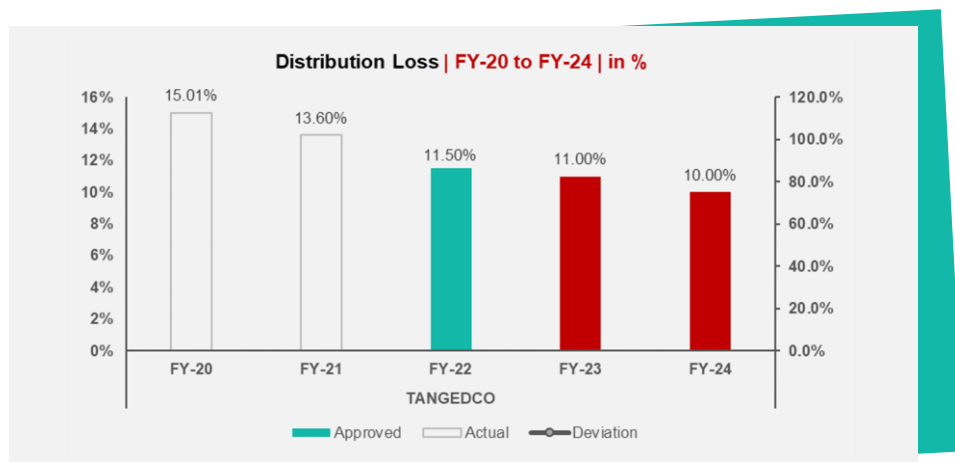
2. Distribution Loss

The Approved and Actual distribution loss for FY 2019-20 to FY 2021-22 and approved distribution loss for FY 2022-23 and FY 2023-24 are as below:

(in %)

Description	FY 2019-20		FY 2020-21		FY 2021-22		FY 2022-23	FY 2023-24
	Approved	Actual	Approved	Actual	Approved	Actual	Approved	Approved
TANGEDCO	-	15.01	-	13.60	11.50	-	11.00	10.00
State level	-	15.01	-	13.60	11.50	-	11.00	10.00

Note: Tariff Order not issued for FY 2019-20 to FY 2021-22 | Approved values as per Tariff Order & Actuals as per DISCOM filed in the True up Order | excludes transmission loss | As per APR for FY 2021-22



3. Cost Reflective Tariff

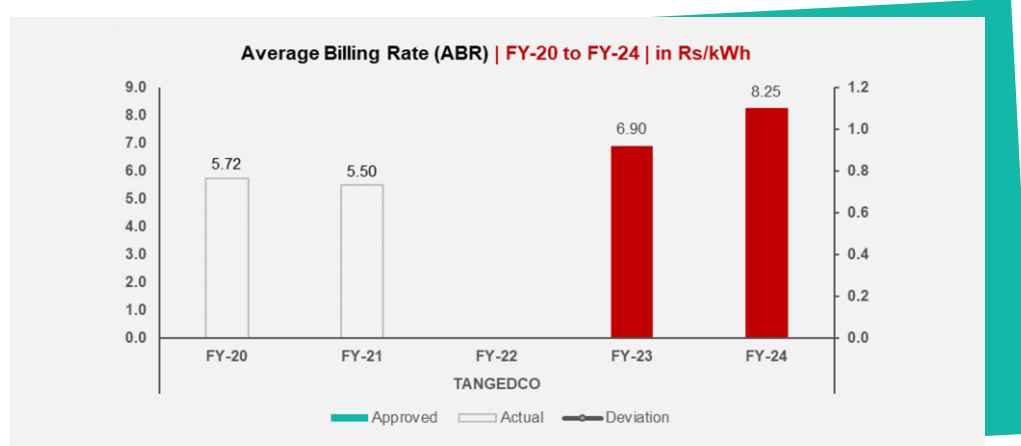
3. (a) Average Billing Rate (ABR)

The Approved and Actual ABR as per the tariff order for FY 2019-20 to FY 2021-22 along with approved ABR for FY 2022-23 and FY 2023-24 is provided as below:

(in Rs./ kWh)

Description	FY 2019-20		FY 2020-21		FY 2021-22		FY 2022-23	FY 2023-24
	Approved	Actual	Approved	Actual	Approved	Actual	Approved	Approved
TANGEDCO	-	5.72	-	5.50	-	-	6.90	8.25
State level	-	5.72	-	5.50	-	-	6.90	8.25

Note: Tariff Order not issued for FY 2019-20 to FY 2021-22 | Approved values as per Tariff Order & Actuals as per True up Order



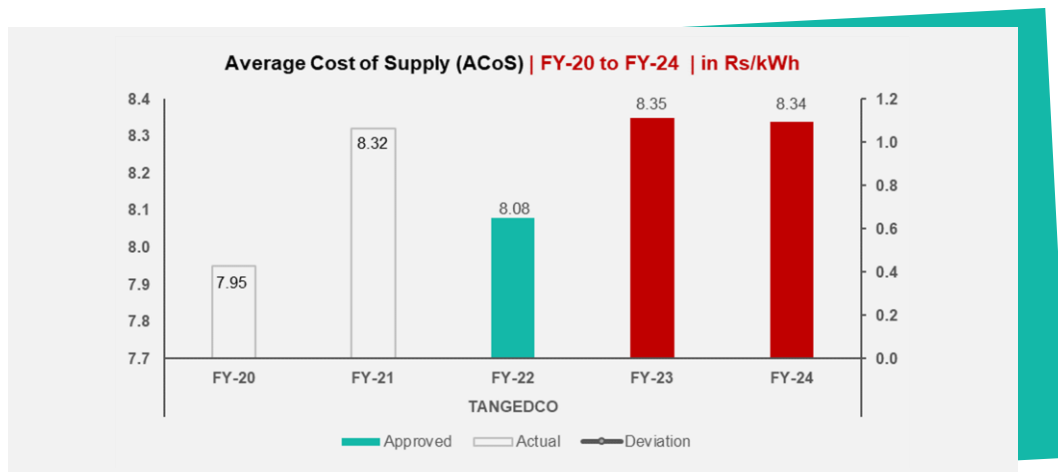
3. (b) Average Cost of Supply (ACoS)

The Approved and Actual ACoS as per the tariff order for FY 2019-20 to FY 2021-22 along with approved ACoS for FY 2022-23 and FY 2023-24 is provided as below:

(in Rs./ kWh)

Description	FY 2019-20		FY 2020-21		FY 2021-22		FY 2022-23	FY 2023-24
	Approved	Actual	Approved	Actual	Approved	Actual	Approved	Approved
TANGEDCO	-	7.95	-	8.32	8.08	-	8.35	8.34
State level	-	7.95	-	8.32	8.08	-	8.35	8.34

Note: Tariff Order not issued for FY 2019-20 to FY 2021-22 | Approved values as per Tariff Order & Actuals as per True up Order | includes outside the state sale | As per APR for FY 2021-22



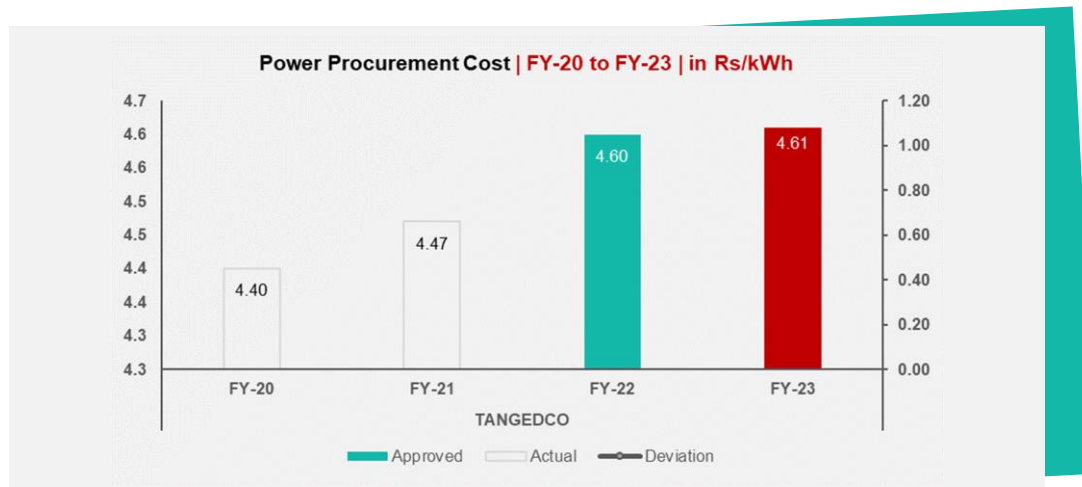
3. (c) Power Procurement Cost

The Power Procurement cost as approved by the State Commission in tariff order vs actual as per the approved true up of FY 2019-20 to FY 2021-22 is provided as below:

(in Rs./ kWh)

Description	FY 2019-20		FY 2020-21		FY 2021-22		FY 2022-23
	Approved	Actual	Approved	Actual	Approved	Actual	Approved
TANGEDCO	-	4.40	-	4.47	4.60	-	4.61
State level	-	4.40	-	4.47	4.60	-	4.61

Note: Tariff Order not issued for FY 2019-20 to FY 2021-22 | Approved values as per Tariff Order & Actuals as per True up Order | Excludes Transmission charges | As per APR for FY 2021-22



3. (d) Expenses and Revenue

The difference in total expenses and revenues, as per filing in the tariff petition and the figures approved in tariff order by TNERC for FY 2023-24, are given below:

(in Rs. Cr.)

Sr. No.	Particulars	Tariff Petition (I)	Tariff Order (II)	Disallowance (III= I-II)
1	Power Purchase Expenses	32,684	34,028	(1,344)
2	Transmission Charges	9,144	8,547	597
3	Generation Cost	21,061	18,718	2,343
4	O&M Expenses	10,670	10,670	0
5	Depreciation	1,869	1,828	41
6	Interest on Loan Capital	7,467	4,984	2,483

Sr. No.	Particulars	Tariff Petition (I)	Tariff Order (II)	Disallowance (III= I-II)
7	Interest on Working Capital	187	15	172
8	Return on Equity	1,175	0	1,175
9	Other Debts	25	0	25
10	Gross ARR	84,284	78,791	5,493
11	Less: Non-tariff revenue	1,860	2,612	(752)
12	Less: Other income	1,286	1,286	0
13	Net Revenue Requirement	81,137	74,892	6,245
14	Revenue from sales		50,008	
15	Revenue Gap for FY 2023-24		24,884	

Note: * at approved tariff

4. Cumulative Revenue Gap/ Surplus

(in Rs. Cr.)

Description	TANGEDCO
Opening Revenue Gap for FY 2021-22	82,320
Revenue Gap for FY 2021-22	20,931*
Closing Revenue Gap for FY 2021-22	82,320
Carrying cost @8.57%	7,055
Net Closing Revenue Gap for FY 2021-22	89,375

Note: * Revenue Gap for FY 2021-22 is not added to regulatory asset

5. Summary of Compliances

Sr. No.	Description	Status	Summary
1.	Tariff Order Issuance - Timeliness		
a)	Generation – Tariff Order	√	Latest Tariff Order: FY 2023-24
b)	Transmission – Tariff Order	NA	Latest True up Order: - FY 2020-21
c)	Distribution – Tariff Order	√	Approved Tariff Hike: ~6%
d)	Distribution – True up Order	X	New Regulatory Asset: Nil
2.	Creation of New Regulatory Assets	√	Proposed Liquidation Plan: No
3.	Cross subsidy within ±20% of ACoS – LT Industrial Category	√	
4.	Cross subsidy within ±20% of ACoS – HT Industrial Category	√	

Note: Complied (√) | Not Complied (X)



1. Tariff Order Issuance Timelines

1.1. Tariff Order (Generation) - TSGENCO

Key Dates	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24
Filing of Tariff Petition	06-Aug-21	06-Aug-21	06-Aug-21	06-Aug-21	06-Aug-21
Tariff Issuance	22-Mar-22	22-Mar-22	22-Mar-22	22-Mar-22	22-Mar-22
Tariff Applicability	01-Apr-19	01-Apr-20	01-Apr-21	01-Apr-22	01-Apr-23
Disposal (in Days)	228	NA	NA	NA	NA



1.2. Tariff Order (Transmission) - TSTRANSCO

Key Dates	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24
Filing of Tariff Petition	30-Nov-19	30-Nov-19	30-Nov-19	30-Nov-19	30-Nov-19
Tariff Issuance	20-Mar-20	20-Mar-20	20-Mar-20	20-Mar-20	20-Mar-20
Tariff Applicability	01-Apr-19	01-Apr-20	01-Apr-21	01-Apr-22	01-Apr-23
Disposal (in Days)	111	NA	NA	NA	NA



1.3. (a) Tariff Order (Distribution) - TSNPDCL/ TSSPDCL

Key dates	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24
Filing of Tariff Petition	16-Dec-19	16-Dec-19	16-Dec-19	30-Nov-21	30-Nov-22
Tariff Issuance	29-Apr-20	29-Apr-20	29-Apr-20	23-Mar-22	24-Mar-23
Tariff Applicability	-	01-Apr-20	01-Apr-21	01-Apr-22	01-Apr-23
Disposal (in Days)	135	NA	NA	113	114

Note: ARR and Wheeling tariff issued for FY 2019-20 to FY 2021-22

1.3. (b) True up Order (Distribution) - TSNPDCL/ TSSPDCL

Key Dates	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
Filing of Tariff Petition	-	-	-	-
True up Issuance	-	-	-	-
Disposal (in Days)	-	-	-	-

Note: True up of only power purchase cost is done upto FY 2021-22

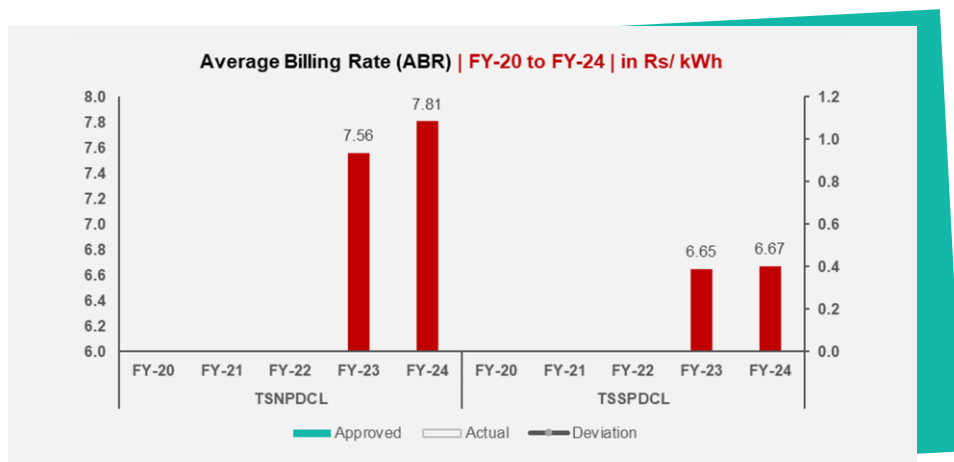
2. Distribution Loss

The Approved and Actual distribution loss for FY 2019-20 to FY 2021-22 and approved distribution loss for FY 2022-23 and FY 2023-24 are as below:

(in %)

Description	FY 2019-20		FY 2020-21		FY 2021-22		FY 2022-23	FY 2023-24
	Approved	Actual	Approved	Actual	Approved	Actual	Approved	Approved
TSNPDCL	-	-	-	-	-	-	7.56	7.81
TSSPDCL	-	-	-	-	-	-	6.65	6.67
State level	-	-	-	-	-	-	6.92	7.00

Note: Approved values as per Tariff Order & Actuals as per DISCOM filed in the True up Order



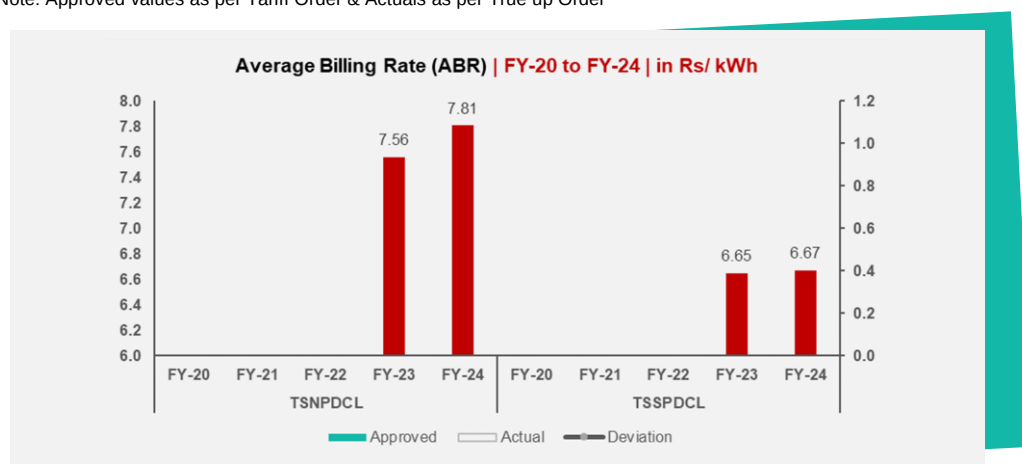
3. Cost Reflective Tariff

3. (a) Average Billing Rate (ABR)

The Approved and Actual ABR as per the tariff order for FY 2019-20 to FY 2021-22 along with approved ABR for FY 2022-23 and FY 2023-24 is provided as below:

Description	FY 2019-20		FY 2020-21		FY 2021-22		FY 2022-23	FY 2023-24
	Approved	Actual	Approved	Actual	Approved	Actual	Approved	Approved
TSNPDCL	-	-	-	-	-	-	7.56	7.81
TSSPDCL	-	-	-	-	-	-	6.65	6.67
State level	-	-	-	-	-	-	6.92	7.00

Note: Approved values as per Tariff Order & Actuals as per True up Order

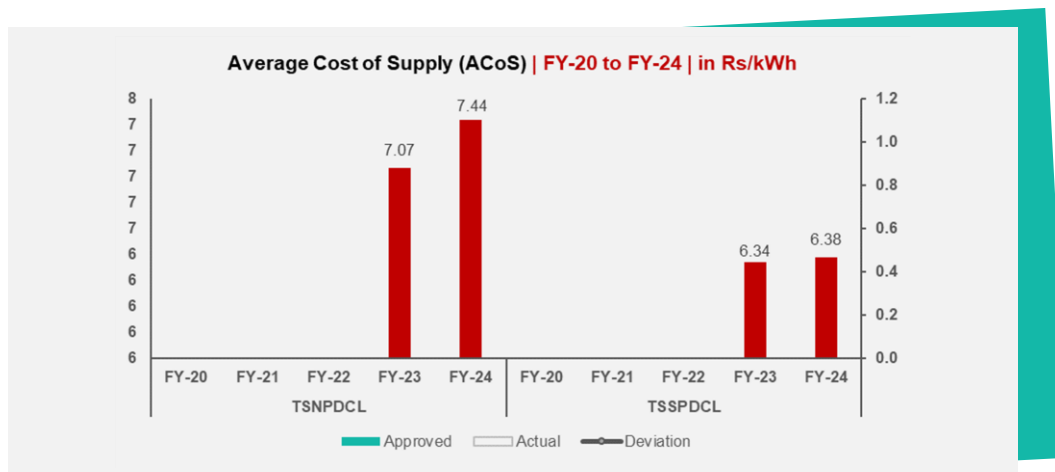


3. (b) Average Cost of Supply (ACoS)

The Approved and Actual ACoS as per the tariff order for FY 2019-20 to FY 2021-22 along with approved ACoS for FY 2022-23 and FY 2023-24 is provided as below:

Description	FY 2019-20		FY 2020-21		FY 2021-22		FY 2022-23	FY 2023-24
	Approved	Actual	Approved	Actual	Approved	Actual	Approved	Approved
TSNPDCL	-	-	-	-	-	-	7.56	7.81
TSSPDCL	-	-	-	-	-	-	6.65	6.67
State level	-	-	-	-	-	-	6.92	7.00

Note: Approved values as per Tariff Order | includes outside the state sale



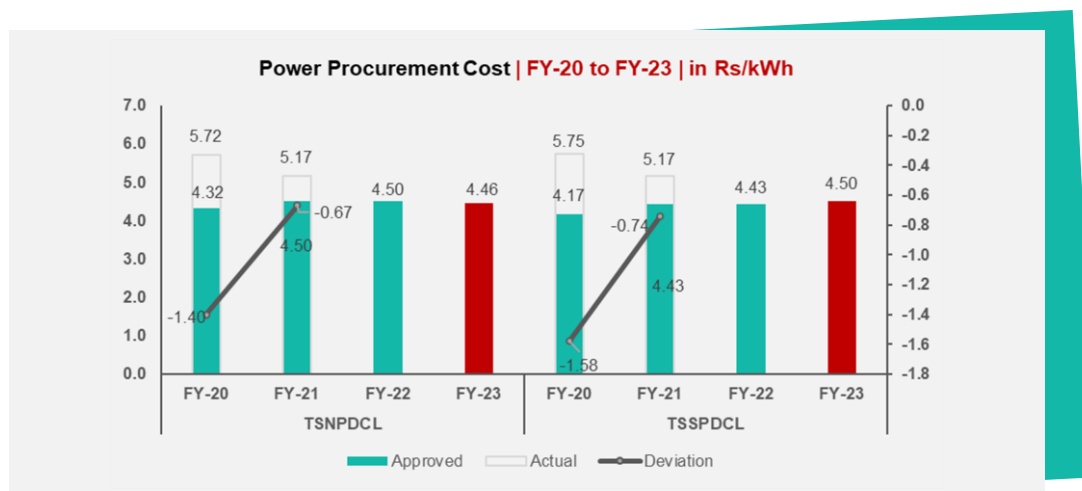
3. (c) Power Procurement Cost

The Power Procurement cost as approved by the State Commission in tariff order vs actual as per the approved true up of FY 2019-20 to FY 2021-22 is provided as below:

(in Rs./ kWh)

Description	FY 2019-20		FY 2020-21		FY 2021-22		FY 2022-23
	Approved	Actual	Approved	Actual	Approved	Actual	Approved
TSNPDCL	4.32	5.72	4.50	5.17	4.50	-	4.46
TSSPDCL	4.17	5.75	4.43	5.17	4.43	-	4.50
State level	4.25	5.74	4.41	5.17	4.41	-	4.49

Note: Approved values as per Tariff Order & Actuals as per True up Order | excludes Transmission charges



3. (d) Expenses and Revenue

The difference in total expenses and revenues, as per filing in the tariff petition and the figures approved in tariff order by TSERC for FY 2023-24, are given below:

(in Rs. Cr.)

Sr. No.	Particulars	TSSPDCL			TSNPDCL			State		
		Tariff Petition (I)	Tariff Order (II)	Disallowance (III= I-II)	Tariff Petition (I)	Tariff Order (II)	Disallowance (III= I-II)	Tariff Petition (I)	Tariff Order (II)	Disallowance (III= I-II)
1	Power purchase Expenses	27,655	26,184	1,471	11,310	10,750	560	38,965	36,934	2,031
2	Distribution cost	5,168	5,168	0	4,081	4,081	0	9,250	9,250	0
3	InSTS charges	2,670	2,670	0	1,126	1,126	0	3,797	3,797	0
4	ISTS charges	1,082	1,082	0	451	451	0	1,533	1,533	0
5	SLDC charges	33	33	0	14	14	0	47	47	0
6	Interest on CSD	312	293	19	81	79	2	393	372	21
7	Supply Margin	43	43	0	31	31	0	74	74	0
8	Aggregate Revenue Requirement	36,963	35,474	1,490	17,095	16,533	562	54,058	52,007	2,052
9	Less: Non-Tariff Income	28	28	0	34	34	0	62	62	0
10	Less: Other Income	203	121	82	-	-	0	203	121	82
11	Net Aggregate Revenue Requirement	36,732	35,324	1,408	17,061	16,499	562	53,793	51,823	1,970
12	Total Revenue ^s	33,521	33,975	(453)	9,738	9,052	685	43,259	43,027	232
13	Revenue Deficit attributable to CESS	-	-	0	-	328	(328)	-	328	(328)
14	Revenue Gap for FY 20223-24	3,210	1,350	1,861	7,324	7,775	(452)	10,534	9,125	1,409
15	Subsidy to be provided by Govt. of Telangana	1,350	1,350	0	7,775	7,775	0	9,125	9,125	0

Note: ^s at approved tariff

4. Cumulative Revenue Gap/ Surplus

(in Rs. Cr.)

Description	TSSPDCL	TSNPDCL	State
Opening Revenue Gap for FY 2023-24	0	0	0
Net Aggregate Revenue Requirement for FY 2023-24	35,324	16,499	51,823
Total Revenue*	33,975	9,052	43,027
Revenue Deficit attributable to CESS	-	328	328
Revenue Gap for FY 20223-24	1,350	7,775	9,125
Subsidy to be provided by Govt. of Telangana	1,350	7,775	9,125
Closing Revenue Gap for FY 2023-24	0	0	0

5. Summary of Compliances

Sr. No.	Description	Status	Summary
1.	Tariff Order Issuance - Timeliness		
a)	Generation – Tariff Order	√	Latest Tariff Order: FY 2023-24
b)	Transmission – Tariff Order	√	Latest True up Order: - FY 2021-22 (Power Purchase True up)
c)	Distribution – Tariff Order	√	Approved Tariff Hike: ~6%
d)	Distribution – True up Order	X	New Regulatory Asset: Nil
2.	Creation of New Regulatory Assets	√	Proposed Liquidation Plan: NA
3.	Cross subsidy within ±20% of ACoS – LT Industrial Category	X	
4.	Cross subsidy within ±20% of ACoS – HT Industrial Category	X	

Note: Complied (√) | Not Complied (X)



1. Tariff Order Issuance Timelines

1.1. Tariff Order (Generation) - TSECL

Key Dates	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24
Filing of Tariff Petition	-	29-Feb-20	30-Apr-22	30-Apr-22	28-Mar-23
Tariff Issuance	-	01-Sep-20	02-Sep-22	02-Sep-22	-
Tariff Applicability	-	01-Sep-20	-	01-Sep-22	-
Disposal (in Days)	-	185	125	125	-



1.2. Tariff Order (Transmission) - TSECL

Key Dates	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24
Filing of Tariff Petition	-	29-Feb-20	30-Apr-22	30-Apr-22	28-Mar-23
Tariff Issuance	-	01-Sep-20	02-Sep-22	02-Sep-22	-
Tariff Applicability	-	01-Sep-20	-	01-Sep-22	-
Disposal (in Days)	-	185	125	125	-



1.3. (a) Tariff Order (Distribution) - TSECL

Key dates	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24
Filing of Tariff Petition	-	29-Feb-20	30-Apr-22	30-Apr-22	28-Mar-23
Tariff Issuance	-	01-Sep-20	02-Sep-22	02-Sep-22	-
Tariff Applicability	-	01-Sep-20	-	01-Sep-22	-
Disposal (in Days)	-	185	125	125	-

1.3. (b) True up Order (Distribution) - TSECL

Key Dates	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
Filing of Tariff Petition	30-Apr-22	30-Apr-22	28-Mar-23	28-Mar-23
True up Issuance	02-Sep-22	02-Sep-22	-	-
Disposal (in Days)	125	125	-	-

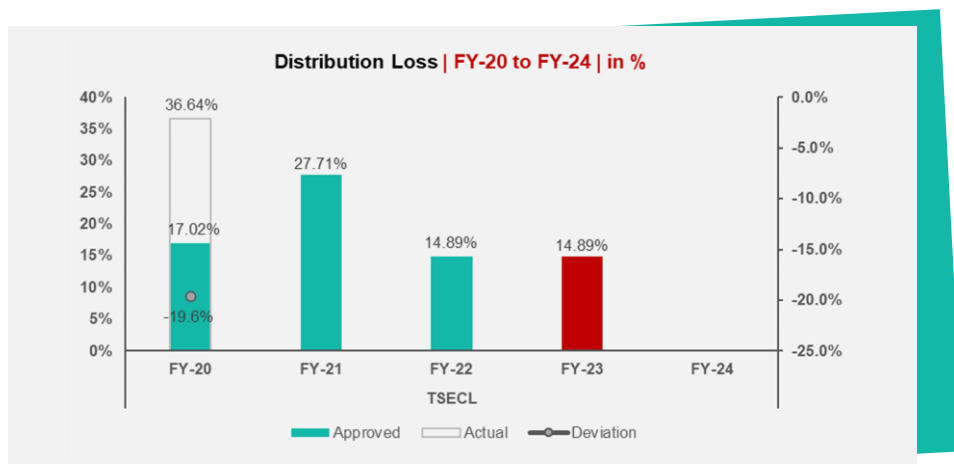
2. Distribution Loss

The Approved and Actual distribution loss for FY 2019-20 to FY 2021-22 and approved distribution loss for FY 2022-23 and FY 2023-24 are as below:

(in %)

Description	FY 2019-20		FY 2020-21		FY 2021-22		FY 2022-23	FY 2023-24
	Approved	Actual	Approved	Actual	Approved	Actual	Approved	Approved
TSECL	17.02	36.64	27.71	-	14.89	-	14.89	-
State level	17.02	36.64	27.71	-	14.89	-	14.89	-

Note: Approved values as per Tariff Order & Actuals as per DISCOM filed in the True up Order | excludes transmission loss



3. Cost Reflective Tariff

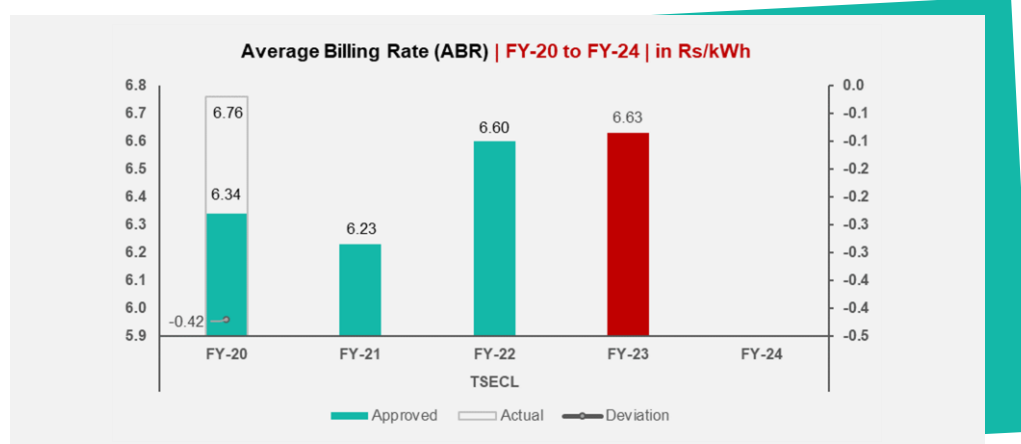
3. (a) Average Billing Rate (ABR)

The Approved and Actual ABR as per the tariff order for FY 2019-20 to FY 2021-22 along with approved ABR for FY 2022-23 and FY 2023-24 is provided as below:

(in Rs./ kWh)

Description	FY 2019-20		FY 2020-21		FY 2021-22		FY 2022-23	FY 2023-24
	Approved	Actual	Approved	Actual	Approved	Actual	Approved	Approved
TSECL	6.34	6.76	6.23	-	6.60	-	6.63	-
State level	6.34	6.76	6.23	-	6.60	-	6.63	-

Note: Approved values as per Tariff Order & Actuals as per True up Order



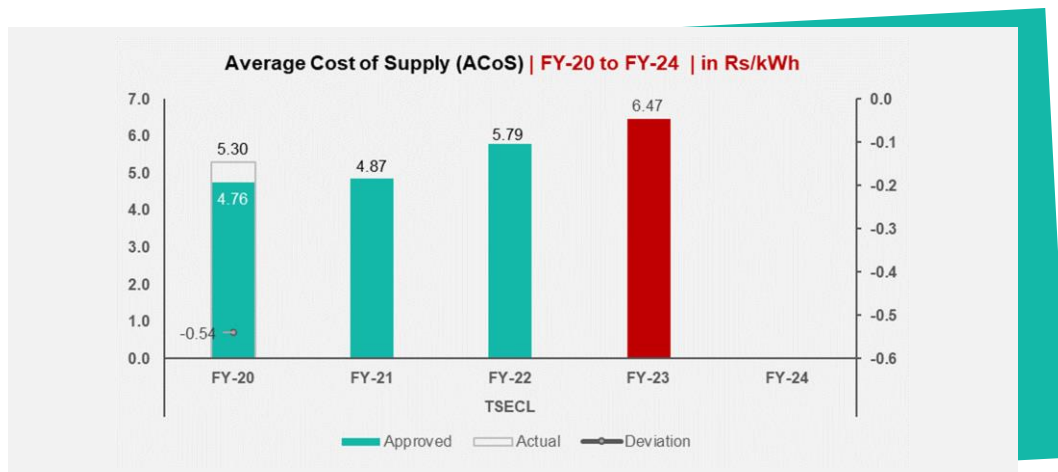
3. (b) Average Cost of Supply (ACoS)

The Approved and Actual ACoS as per the tariff order for FY 2019-20 to FY 2021-22 along with approved ACoS for FY 2022-23 and FY 2023-24 is provided as below:

(in Rs./ kWh)

Description	FY 2019-20		FY 2020-21		FY 2021-22		FY 2022-23	FY 2023-24
	Approved	Actual	Approved	Actual	Approved	Actual	Approved	Approved
TSECL	4.76	5.30	4.87	-	5.79	-	6.47	-
State level	4.76	5.30	4.87	-	5.79	-	6.47	-

Note: Approved values as per Tariff Order & Actuals as per True up Order | includes outside the state sale



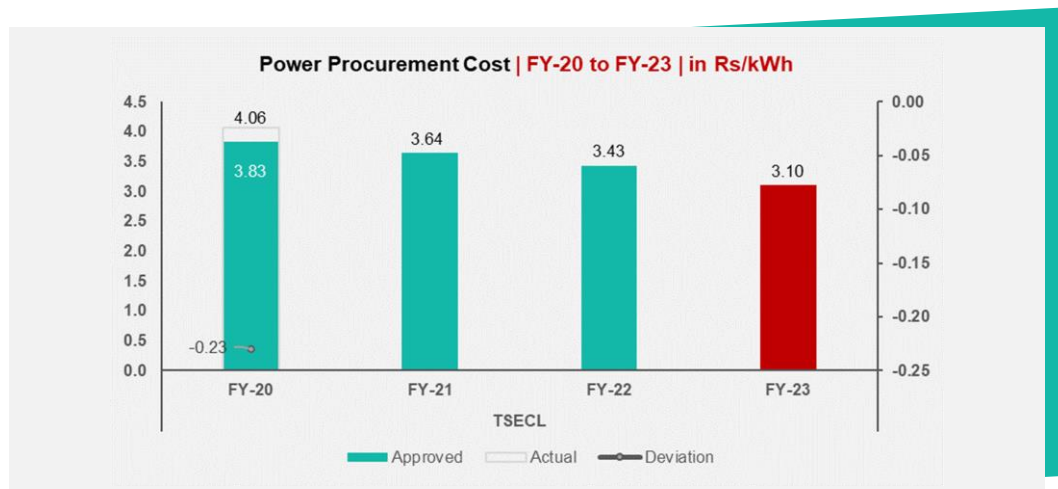
3. (c) Power Procurement Cost

The Power Procurement cost as approved by the State Commission in tariff order vs actual as per the approved true up of FY 2019-20 to FY 2021-22 is provided as below:

(in Rs./ kWh)

Description	FY 2019-20		FY 2020-21		FY 2021-22		FY 2022-23
	Approved	Actual	Approved	Actual	Approved	Actual	Approved
TSECL	3.83	4.06	3.64	-	3.43	-	3.10
State level	3.83	4.06	3.64	-	3.43	-	3.10

Note: Approved values as per Tariff Order & Actuals as per True up Order | Excludes Transmission charges



3. (d) Expenses and Revenue

The difference in total expenses and revenues, as per filing in the tariff petition and the figures approved in tariff order by TERC for FY 2022-23, are given below:

(in Rs. Cr.)

Sr. No.	Particulars	Tariff Petition (I)	Tariff Order (II)	Disallowance (III= I-II)
1	Power Purchase Cost	959	959	0
2	Inter State Transmission Charges	137	137	0
3	Intra State Transmission Charges	51	36	16
4	Cost of State own/ TSECL Generation	530	503	27
5	O&M Expenses	189	223	(33)
6	Depreciation	7	8	(0)
7	Interest on Term Loans & Fin. Charges	6	6	0

Sr. No.	Particulars	Tariff Petition (I)	Tariff Order (II)	Disallowance (III= I-II)
8	Return on Equity	37	20	18
9	Interest on Working Capital	22	19	3
11	Gross ARR	1,940	1,910	30
12	Less: Non-Tariff Income	33	44	(11)
13	Net ARR	1,907	1,867	41
14	Total Revenue	1,483	1,787	(304)
15	Standalone Revenue Gap for FY 2022-23	374	79	295

Note: § at approved tariff | * due to Impact of Past years surplus, FCA and CAPEX

4. Cumulative Revenue Gap/ Surplus

(in Rs. Cr.)

Description	TSECL
Net Revenue Requirement for FY 2022-23	1,867
Total Revenue	1,787
Revenue Gap for FY 2022-23	79
Past Period Revenue Gap/ Regulatory Asset	232
Carrying Cost on past revenue gap	18
Surplus of True up for FY 2017-18 to FY 2019-20	226
Surplus of Provisional True up for FY 2020-21 to FY 2021-22	43
Cumulative Revenue Gap till FY 2022-23	60

5. Summary of Compliances

Sr. No.	Description	Status	Summary
1.	Tariff Order Issuance - Timeliness		
a)	Generation – Tariff Order	X	Latest Tariff Order: FY 2022-23
b)	Transmission – Tariff Order	X	Latest True up Order: FY 2019-20
c)	Distribution – Tariff Order	X	Approved Tariff Hike: Nil
d)	Distribution – True up Order	X	New Regulatory Asset: Nil
2.	Creation of New Regulatory Assets	X	Proposed Liquidation Plan: NA
3.	Cross subsidy within ±20% of ACoS – LT Industrial Category	√	
4.	Cross subsidy within ±20% of ACoS – HT Industrial Category	X	

Note: Complied (√) | Not Complied (X)

1. Tariff Order Issuance Timelines



1.1. Tariff Order (Generation) – UPJVNL/ UPRVUNL

Key Dates	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24
Filing of Tariff Petition	-	-	-	-	-
Tariff Issuance	-	-	-	-	-
Tariff Applicability	-	-	-	-	-
Disposal (in Days)	-	-	-	-	-



1.2. Tariff Order (Transmission) - UPPTCL

Key Dates	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24
Filing of Tariff Petition	11-Mar-19	12-Mar-20	03-Dec-20	08-Mar-22	09-Jan-23
Tariff Issuance	27-Aug-19	10-Nov-20	29-Jun-21	20-Jul-22	-
Tariff Applicability	04-Sep-19	17-Nov-20	04-Jul-21	27-Jul-22	-
Disposal (in Days)	169	243	208	134	-



1.3. (a) Tariff Order (Distribution) - DVVNL/ KESCO/ MVVNL/ PaVVNL/ PuVVNL

Key dates	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24
Filing of Tariff Petition	19-Mar-19	30-Jun-20	22-Feb-21	08-Mar-22	09-Jan-23
Tariff Issuance	03-Sep-19	11-Nov-20	29-Jul-21	20-Jul-22	24-May-23
Tariff Applicability	10-Sep-19	18-Nov-20	05-Aug-21	27-Jul-22	01-Jun-23
Disposal (in Days)	176	134	157	134	135

1.3. (b) True up Order (Distribution) - DVVNL/ KESCO/ MVVNL/ PaVVNL/ PuVVNL

Key Dates	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
Filing of Tariff Petition	30-Jun-20	22-Feb-21	08-Mar-22	09-Jan-23
True up Issuance	11-Nov-20	29-Jul-21	20-Jul-22	24-May-23
Disposal (in Days)	134	157	134	135

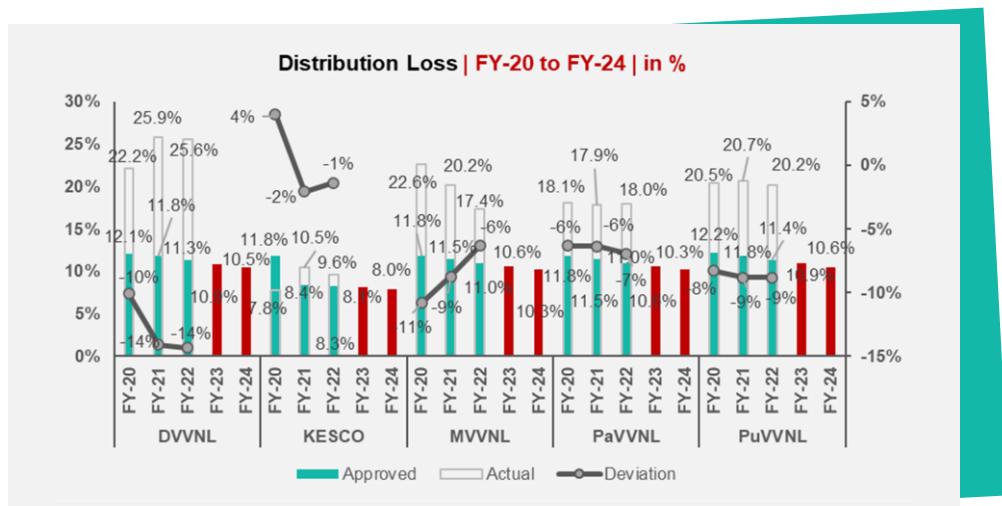
2. Distribution Loss

The Approved and Actual distribution loss for FY 2019-20 to FY 2021-22 and approved distribution loss for FY 2022-23 and FY 2023-24 are as below:

(in %)

Description	FY 2019-20		FY 2020-21		FY 2021-22		FY 2022-23	FY 2023-24
	Approved	Actual	Approved	Actual	Approved	Actual	Approved	Approved
DVVNL	12.10	22.16	11.80	25.90	11.33	25.64	10.90	10.52
KESCO	11.80	7.76	8.42	10.45	8.25	9.61	8.12	7.95
MVVNL	11.80	22.59	11.51	20.22	11.04	17.36	10.63	10.26
PaVVNL	11.80	18.11	11.51	17.85	11.04	17.98	10.63	10.26
PuVVNL	12.20	20.47	11.83	20.65	11.36	20.15	10.93	10.55
State level	11.96	20.15	11.54	20.63	11.08	19.80	10.67	10.30

Note: Approved values as per Tariff Order & Actuals as per DISCOM filed in the True up Order



3. Cost Reflective Tariff

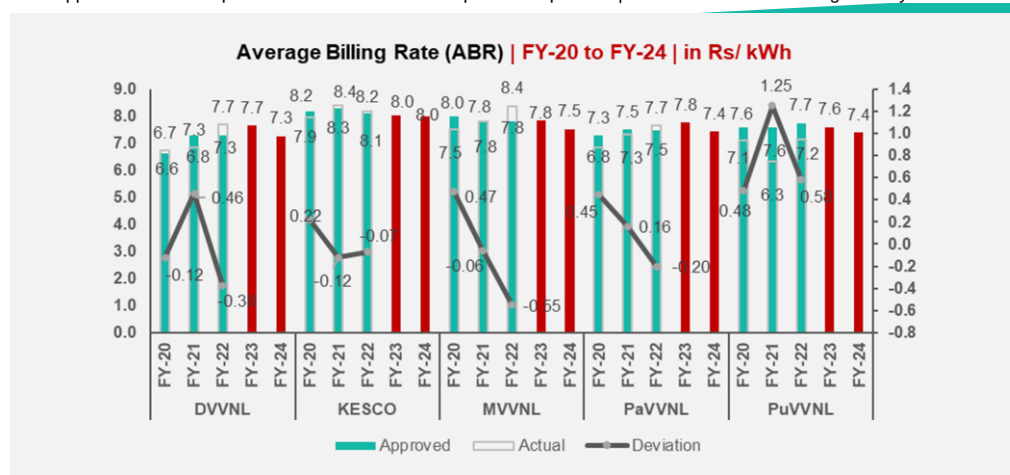
3. (a) Average Billing Rate (ABR)

The Approved and Actual ABR as per the tariff order for FY 2019-20 to FY 2021-22 along with approved ABR for FY 2022-23 and FY 2023-24 is provided as below:

(in Rs./ kWh)

Description	FY 2019-20		FY 2020-21		FY 2021-22		FY 2022-23	FY 2023-24
	Approved	Actual	Approved	Actual	Approved	Actual	Approved	Approved
DVVNL	6.60	6.72	7.28	6.82	7.30	7.68	7.65	7.25
KESCO	8.16	7.94	8.27	8.39	8.11	8.18	8.01	8.00
MVVNL	7.99	7.52	7.75	7.80	7.81	8.36	7.83	7.51
PaVVNL	7.28	6.83	7.49	7.33	7.45	7.65	7.76	7.42
PuVVNL	7.58	7.10	7.58	6.33	7.73	7.15	7.59	7.39
State level	7.38	7.05	7.55	7.11	7.58	7.71	7.72	7.42

Note: Approved values as per Tariff Order & Actuals as per True up Order | ABR calculated excluding subsidy for FY 2023-24



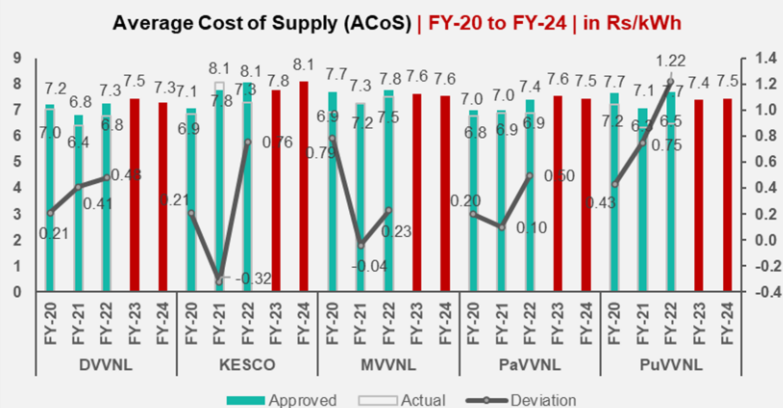
3. (b) Average Cost of Supply (ACoS)

The Approved and Actual ACoS as per the tariff order for FY 2019-20 to FY 2021-22 along with approved ACoS for FY 2022-23 and FY 2023-24 is provided as below:

(in Rs./ kWh)

Description	FY 2019-20		FY 2020-21		FY 2021-22		FY 2022-23	FY 2023-24
	Approved	Actual	Approved	Actual	Approved	Actual	Approved	Approved
DVVNL	7.24	7.03	6.81	6.40	7.26	6.78	7.46	7.29
KESCO	7.07	6.86	7.77	8.09	8.06	7.30	7.78	8.11
MVVNL	7.72	6.93	7.23	7.27	7.77	7.54	7.64	7.56
PaVVNL	6.99	6.79	7.00	6.90	7.41	6.91	7.56	7.45
PuVVNL	7.66	7.23	7.08	6.33	7.69	6.47	7.41	7.45
State level	7.35	6.98	7.05	6.77	7.54	6.93	7.53	7.47

Note: Approved values as per Tariff Order & Actuals as per True up Order | excludes outside the state sale



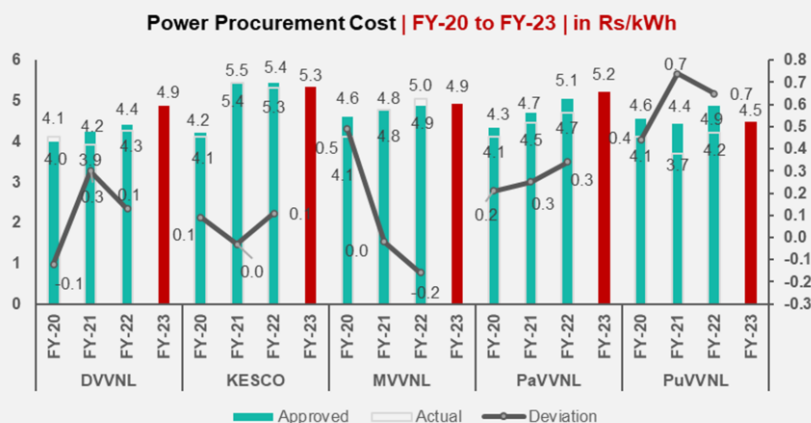
3. (c) Power Procurement Cost

The Power Procurement cost as approved by the State Commission in tariff order vs actual as per the approved true up of FY 2019-20 to FY 2021-22 is provided as below:

(in Rs./ kWh)

Description	FY 2019-20		FY 2020-21		FY 2021-22		FY 2022-23
	Approved	Actual	Approved	Actual	Approved	Actual	Approved
DVVNL	4.00	4.12	4.23	3.93	4.40	4.27	4.87
KESCO	4.21	4.12	5.42	5.45	5.44	5.33	5.34
MVVNL	4.61	4.12	4.76	4.78	4.88	5.04	4.92
PaVVNL	4.33	4.12	4.70	4.45	5.05	4.71	5.21
PuVVNL	4.56	4.12	4.44	3.70	4.87	4.22	4.48
State level	4.22	4.12	4.57	4.26	4.85	4.59	4.91

Note: Approved values as per Tariff Order & Actuals as per True up Order | Excludes Transmission charges



3. (d) Expenses and Revenue

The difference in total expenses and revenues, as per filing in the tariff petition and the figures approved in tariff order by UPERC for FY 2023-24, are given below:

(in Rs. Cr.)

Particulars	DVVNL			MVVNL			PVVNL		
	Tariff Petition (I)	Tariff Order (II)	Disallowance (III= I- II)	Tariff Petition (I)	Tariff Order (II)	Disallowance (III= I- II)	Tariff Petition (I)	Tariff Order (II)	Disallowance (III= I- II)
Power Purchase Expenses*	12,513	13,029	(516)	14,475	14,735	(260)	25,680	22,568	3,112
Transmission Charges	676	671	5	708	716	(9)	1,016	1,050	(34)
Gross O&M Expenses	1,833	1,374	459	2,187	1,648	538	1,997	1,494	504
Employee Expenses	947	629	319	1,280	870	411	1,034	771	264
R&M Expense	655	610	45	441	453	(12)	711	533	178
A&G Expense	145	136	9	368	325	42	197	190	7
Smart Metering OPEX	86	0	86	97	0	97	54	0	54
Add: Additional O&M Expenses	0	0	0	0	0	0	0	0	0
Depreciation	579	542	38	565	510	55	506	485	21
Interest on Long-Term Loan	537	463	74	571	463	109	269	246	23
Interest on Security Deposit	36	36	0	33	33	0	90	90	0
Finance/Bank Charges	41	0	41	33	0	33	61	0	61
Interest on Working Capital	144	133	11	177	164	13	138	129	9
Income Tax	0	0	0	0	0	0	0	0	0
Gross Expenditure	16,359	16,395	(35)	18,750	18,153	596	29,758	26,324	3,433
Less: Interest Capitalization	0	0	0	0	0	0	0	0	0
Less: Employee Capitalization	337	337	0	451	451	0	283	283	0
Net Expenditure	16,022	16,058	(35)	18,299	17,703	596	29,475	26,042	3,433
Bad and Doubtful debts	258	258	0	292	292	0	458	458	0
Net Expenditure with Provisions	16,281	16,316	(35)	18,591	17,994	596	29,933	26,499	3,433
Return on Equity	664	633	31	633	588	45	651	635	16
Less: Disallowance due to delay filing	0	21	(21)	0	20	(20)	0	21	(21)
Less: Non-Tariff Income	51	209	(159)	38	279	(241)	49	259	(210)
Less: Revenue from OA Customers	0	0	0	0	0	0	0	0	0
Carrying cost on security deposit	0	0	0	0	0	0	0	0	0
Net ARR	16,894	16,571	323	19,186	18,400	785	30,535	26,591	3,944
Revenue at Existing Tariff	12,906	16,480	(3,574)	14,587	18,280	(3,694)	22,880	26,481	(3,601)
Govt. Subsidy Received/Declared	3,717	0	3,717	3,841	0	3,841	3,464	0	3,464
Total Gap/(Surplus)	271	91	180	758	120	638	4,191	111	4,081

Particulars	PuVVNL			KESCO			State		
	Tariff Petition (I)	Tariff Order (II)	Disallowance (III= I-II)	Tariff Petition (I)	Tariff Order (II)	Disallowance (III= I-II)	Tariff Petition (I)	Tariff Order (II)	Disallowance (III= I-II)
Power Purchase Expenses*	16,283	16,763	(480)	3,921	2,809	1,112	72,873	69,905	2,968
Transmission Charges	811	820	(9)	112	120	(8)	3,322	3,376	(55)
Gross O&M Expenses	2,438	2,009	429	344	314	30	8,798	6,839	1,959
Employee Expenses	1,093	976	117	195	188	7	4,550	3,433	1,117
R&M Expense	1,045	829	216	101	91	9	2,953	2,516	437
A&G Expense	198	204	(6)	31	34	(3)	939	890	49
Smart Metering OPEX	102	0	102	17	0	17	356	0	356
Add: Additional O&M Expenses	0	0	0	0	0	0	0	0	0
Depreciation	555	525	30	39	38	1	2,245	2,100	145
Interest on Long-Term Loan	471	428	44	18	16	2	1,866	1,615	251
Interest on Security Deposit	26	26	0	8	8	0	194	194	0
Finance/Bank Charges	38	0	38	10	0	10	184	0	184
Interest on Working Capital	226	218	9	27	26	1	712	669	43
Income Tax	0	0	0	0	0	0	0	0	0
Gross Expenditure	20,849	20,515	334	4,478	3,311	1,168	90,194	84,698	5,496
Less: Interest Capitalization	111	111	0	0	0	0	111	111	0
Less: Employee Capitalization	309	309	0	14	14	0	1,393	1,393	0
Net Expenditure	20,428	20,094	334	4,465	3,297	1,168	88,690	83,194	5,496
Bad and Doubtful debts	323	323	0	65	65	0	1,396	1,396	0
Net Expenditure with Provisions	20,752	20,418	334	4,530	3,362	1,168	90,086	84,590	5,496
Return on Equity	658	633	25	57	57	0	2,663	2,545	118
Less: Disallowance due to delay filing	0	21	(21)	0	2	(2)	0	85	(85)
Less: Non-Tariff Income	29	614	(585)	17	47	(30)	184	1,408	(1,224)
Less: Revenue from OA Customers	0	0	0	0	0	0	0	0	0
Carrying cost on security deposit	0	0	0	0	0	0	0	62	(62)
Net ARR	21,380	20,690	691	4,570	3,389	1,180	92,565	85,642	6,923
Revenue at Existing Tariff	16,168	20,523	(4,355)	3,266	3,342	(76)	69,807	85,106	(15,299)
Govt. Subsidy Received/Declared	3,960	0	3,960	37	0	37	15,020	0	15,020
Total Gap/ (Surplus)	1,252	167	1,085	1,266	45	1,221	7,738	471	7,267

Note: *including interstate transmission charges

4. Cumulative Revenue Gap/ Surplus

(in Rs. Cr.)

Description	DVVNL	KESCO	MVVNL	PaVVNL	PuVVNL	State
Opening Gap/ (Surplus) for FY 2023-24	(1,334)	(587)	(7,446)	(1,945)	(1,176)	(7,701)
Gap/(Surplus) on Review of True-up FY 2018-19	-	48	-	111	167	474
Addition in Gap/(Surplus) during the year	91	(57)	120	(193)	(111)	(761)
Carrying Cost on Gap @ 9.50%/ 10.20%	(131)	-	(753)	-	-	-
Cumulative Revenue Gap/ (Surplus) till FY 2023-24	(1,374)	(597)	(8,080)	(2,067)	(1,120)	(7,989)

5. Summary of Compliances

Sr. No.	Description	Status	Summary
1.	Tariff Order Issuance - Timeliness		
a)	Generation – Tariff Order	√	Latest Tariff Order: FY 2023-24
b)	Transmission – Tariff Order	X	Latest True up Order: FY 2021-22
c)	Distribution – Tariff Order	X	Approved Tariff Hike: Nil
d)	Distribution – True up Order	X	New Regulatory Asset: Nil
2.	Creation of New Regulatory Assets	Nil	Proposed Liquidation Plan: NA
3.	Cross subsidy within ±20% of ACoS – LT Industrial Category	√	
4.	Cross subsidy within ±20% of ACoS – HT Industrial Category	√	

Note: Complied (√) | Not Complied (X)



1. Tariff Order Issuance Timelines

1.1. Tariff Order (Generation) - UJVNL

Key Dates	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24
Filing of Tariff Petition	30-Nov-18	29-Nov-19	28-Nov-20	30-Nov-21	30-Nov-22
Tariff Issuance	27-Feb-19	18-Apr-20	26-Apr-21	31-Mar-22	30-Mar-23
Tariff Applicability	01-Apr-19	01-Apr-20	01-Apr-21	01-Apr-22	01-Apr-23
Disposal (in Days)	89	141	149	121	120



1.2. Tariff Order (Transmission) - PTCUL

Key Dates	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24
Filing of Tariff Petition	30-Nov-18	29-Nov-19	31-Dec-20	15-Dec-21	29-Nov-22
Tariff Issuance	27-Feb-19	18-Apr-20	26-Apr-21	31-Mar-22	30-Mar-23
Tariff Applicability	01-Apr-19	01-Apr-20	01-Apr-21	01-Apr-22	01-Apr-23
Disposal (in Days)	89	141	116	106	121



1.3. (a) Tariff Order (Distribution) - UPCL

Key dates	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24
Filing of Tariff Petition	30-Nov-18	30-Nov-19	14-Jan-21	15-Dec-21	15-Dec-22
Tariff Issuance	27-Feb-19	18-Apr-20	26-Apr-21	31-Mar-22	30-Mar-23
Tariff Applicability	01-Apr-19	01-Apr-20	01-Apr-21	01-Apr-22	01-Apr-23
Disposal (in Days)	89	140	102	106	105

1.3. (b) True up Order (Distribution) - UPCL

Key Dates	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
Filing of Tariff Petition	30-Nov-19	14-Jan-21	15-Dec-21	15-Dec-22
True up Issuance	18-Apr-20	26-Apr-21	31-Mar-22	30-Mar-23
Disposal (in Days)	140	102	106	105

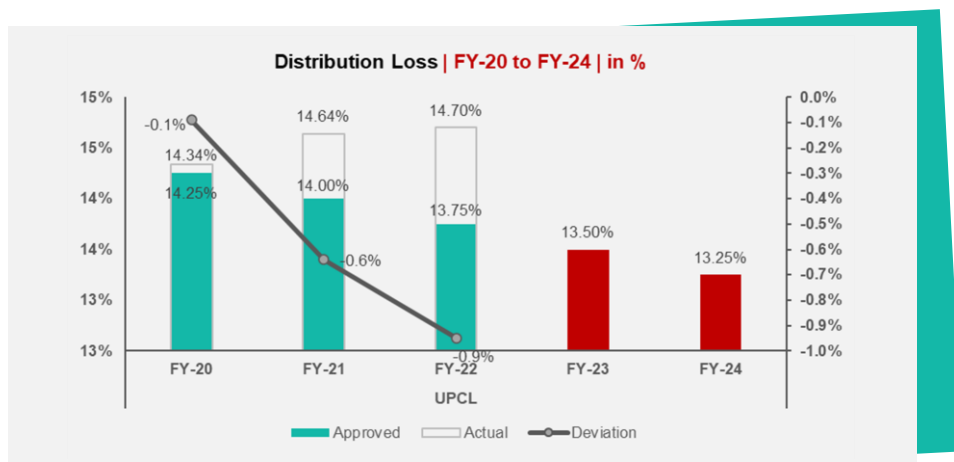
2. Distribution Loss

The Approved and Actual distribution loss for FY 2019-20 to FY 2021-22 and approved distribution loss for FY 2022-23 and FY 2023-24 are as below:

(in %)

Description	FY 2019-20		FY 2020-21		FY 2021-22		FY 2022-23	FY 2023-24
	Approved	Actual	Approved	Actual	Approved	Actual	Approved	Approved
UPCL	14.25	14.34	14.00	14.64	13.75	14.70	13.50	13.25
State level	14.25	14.34	14.00	14.64	13.75	14.70	13.50	13.25

Note: Approved values as per Tariff Order & Actuals as per DISCOM filed in the True up Order



3. Cost Reflective Tariff

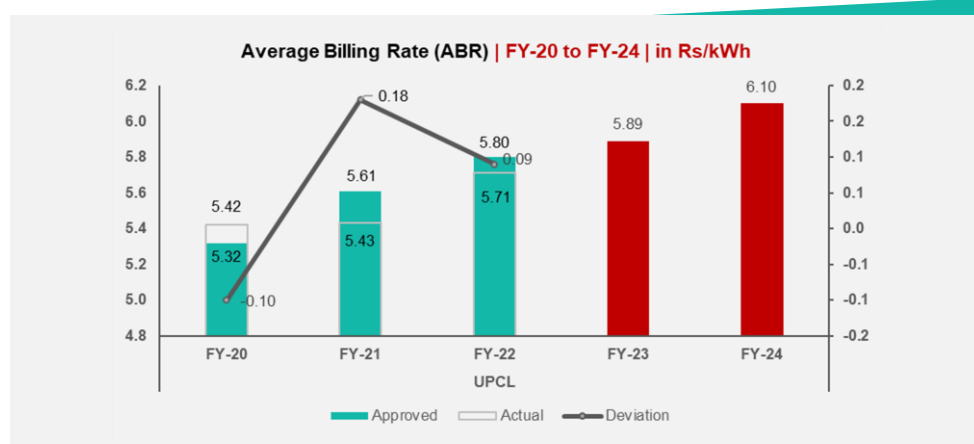
3. (a) Average Billing Rate (ABR)

The Approved and Actual ABR as per the tariff order for FY 2019-20 to FY 2021-22 along with approved ABR for FY 2022-23 and FY 2023-24 is provided as below:

(in Rs./ kWh)

Description	FY 2019-20		FY 2020-21		FY 2021-22		FY 2022-23	FY 2023-24
	Approved	Actual	Approved	Actual	Approved	Actual	Approved	Approved
UPCL	5.32	5.42	5.61	5.43	5.80	5.71	5.89	6.10
State level	5.32	5.42	5.61	5.43	5.80	5.71	5.89	6.10

Note: Approved values as per Tariff Order & Actuals as per True up Order



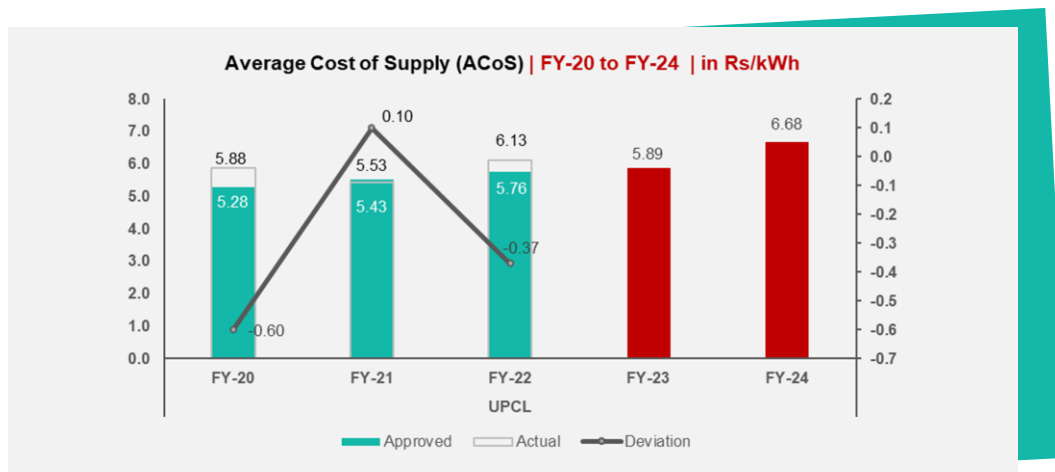
3. (b) Average Cost of Supply (ACoS)

The Approved and Actual ACoS as per the tariff order for FY 2019-20 to FY 2021-22 along with approved ACoS for FY 2022-23 and FY 2023-24 is provided as below:

(in Rs./ kWh)

Description	FY 2019-20		FY 2020-21		FY 2021-22		FY 2022-23	FY 2023-24
	Approved	Actual	Approved	Actual	Approved	Actual	Approved	Approved
UPCL	5.28	5.88	5.53	5.43	5.76	6.13	5.89	6.68
State level	5.28	5.88	5.53	5.43	5.76	6.13	5.89	6.68

Note: Approved values as per Tariff Order & Actuals as per True up Order | excludes outside the state sale



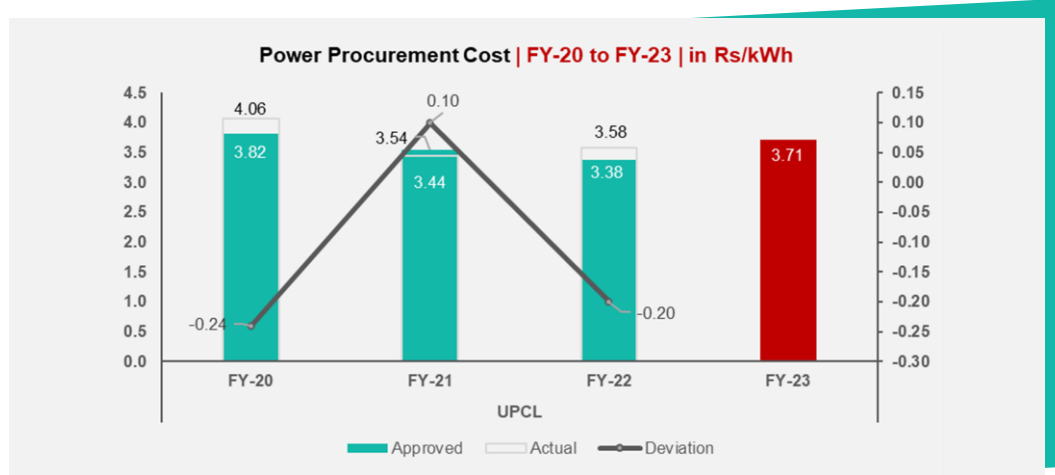
3. (c) Power Procurement Cost

The Power Procurement cost as approved by the State Commission in tariff order vs actual as per the approved true up of FY 2019-20 to FY 2021-22 is provided as below:

(in Rs./ kWh)

Description	FY 2019-20		FY 2020-21		FY 2021-22		FY 2022-23
	Approved	Actual	Approved	Actual	Approved	Actual	Approved
UPCL	3.82	4.06	3.54	3.44	3.38	3.58	3.71
State level	3.82	4.06	3.54	3.44	3.38	3.58	3.71

Note: Approved values as per Tariff Order & Actuals as per True up Order | Excludes Transmission charges



3. (d) Expenses and Revenue

The difference in total expenses and revenues, as per filing in the tariff petition and the figures approved in tariff order by UERC for FY 2023-24, are given below:

(in Rs. Cr.)

Sr. No.	Particulars	Tariff Petition (I)	Tariff Order (II)	Disallowance (III= I-II)
1	Power Purchase Expenses	6,797	7,353	(556)
2	O&M Expenses	771	741	30
a)	Employee Expenses	409	408	0
b)	R&M Expenses	280	272	8
c)	A&G Expenses	76	61	15
3	Depreciation	312	244	67
4	Interest Charges	299	290	10
5	Return on Equity	183	177	6

Sr. No.	Particulars	Tariff Petition (I)	Tariff Order (II)	Disallowance (III= I-II)
6	Transmission Charges	1,184	968	216
a)	PGCIL	775	598	177
b)	PTCUL & SLDC	409	370	39
7	Total Revenue Requirement	9,545	9,747	(202)
8	Less: Non-Tariff Income	273	430	(157)
9	Add: True up impact Gap/(Surplus)	1,122	583	539
10	Net Revenue Requirement	10,394	9,901	494
11	Total Revenue ^s	8,887	9,977	(1,090)
12	Total Revenue Gap/ (Surplus) for FY 2023-24	1,507	(76)	

Note: ^s at approved tariff

4. Cumulative Revenue Gap/ Surplus

(in Rs. Cr.)

Description	UPCL
Net Revenue Requirement for FY 2023-24	9,901
Revenue for FY 2023-24	9,030
Additional Revenue due to tariff hike	947
Total Revenue for FY 2023-24	9,977
Total Revenue Surplus approved for FY 2023-24	76

5. Summary of Compliances

Sr. No.	Description	Status
1.	Tariff Order Issuance - Timeliness	
a)	Generation – Tariff Order	√
b)	Transmission – Tariff Order	√
c)	Distribution – Tariff Order	√
d)	Distribution – True up Order	√
2.	Creation of New Regulatory Assets	√
3.	Cross subsidy within ±20% of ACoS – LT Industrial Category	√
4.	Cross subsidy within ±20% of ACoS – HT Industrial Category	√

Note: Complied (√) | Not Complied (X)

Summary

Latest Tariff Order: FY 2023-24

Latest True up Order: FY 2021-22

Approved Tariff Hike: ~10.5%

New Regulatory Asset: Nil

Proposed Liquidation Plan: NA



1. Tariff Order Issuance Timelines

1.1. Tariff Order (Generation) - WBPDCCL

Key Dates	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24
Filing of Tariff Petition	31-Jul-19	18-Aug-20	18-Aug-20	18-Aug-20	-
Tariff Issuance	14-Jul-21	08-Oct-21	08-Oct-21	08-Oct-21	-
Tariff Applicability	01-Apr-19	01-Apr-20	01-Apr-21	01-Apr-22	-
Disposal (in Days)	NA	416	NA	NA	-



1.2. Tariff Order (Transmission) - WBSETCL

Key Dates	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24
Filing of Tariff Petition	31-Jul-19	28-Aug-20	28-Aug-20	28-Aug-20	30-Nov-22
Tariff Issuance	16-Dec-20*	25-Jun-21	25-Jun-21	30-Jul-22	-
Tariff Applicability	01-Apr-19	01-Apr-20	01-Apr-21	01-Apr-22	-
Disposal (in Days)	NA	301	NA	NA	-



1.3. (a) Tariff Order (Distribution) - WBSEDCL

Key dates	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24
Filing of Tariff Petition	31-Jul-19	28-Aug-20	28-Aug-20	28-Aug-20	20-Jan-23
Tariff Issuance	25-Aug-21	28-Mar-22	28-Mar-22	28-Jul-22	30-Mar-23
Tariff Applicability	01-Apr-19	01-Apr-20	01-Apr-21	01-Apr-22	01-Apr-23
Disposal (in Days)	NA	577	NA	NA	69

1.3. (b) True up Order (Distribution) - WBSEDCL

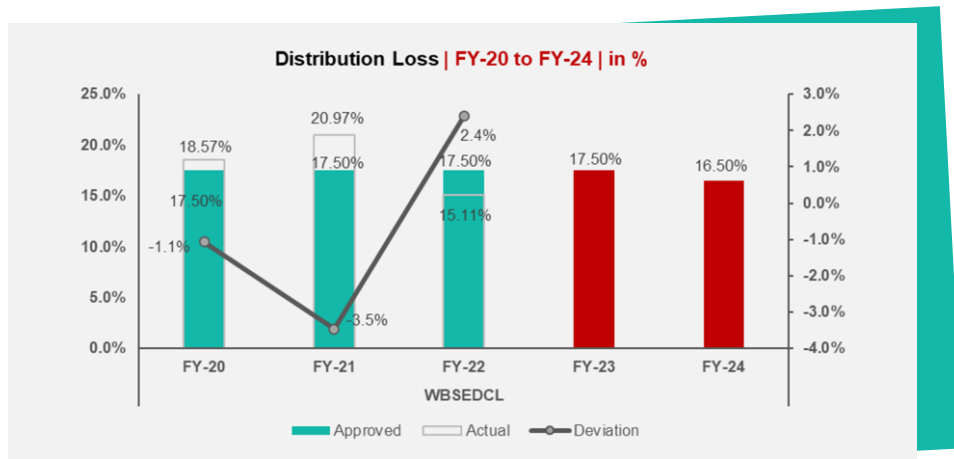
Key Dates	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
Filing of Tariff Petition	24-Nov-21	24-Nov-21	28-Jul-22	24-Nov-22
True up Issuance	27-Jul-22	27-Jul-22	29-Mar-23	26-Apr-23
Disposal (in Days)	245	245	244	153

2. Distribution Loss

The Approved and Actual distribution loss for FY 2019-20 to FY 2021-22 and approved distribution loss for FY 2022-23 and FY 2023-24 are as below:

Description	FY 2019-20		FY 2020-21		FY 2021-22		FY 2022-23	FY 2023-24
	Approved	Actual	Approved	Actual	Approved	Actual	Approved	Approved
WBSEDCL	17.50	18.57	17.50	20.97	17.50	15.11	17.50	16.50
State level	17.50	18.57	17.50	20.97	17.50	15.11	17.50	16.50

Note: Approved values as per Tariff Order & Actuals as per DISCOM filed in the True up Order



3. Cost Reflective Tariff

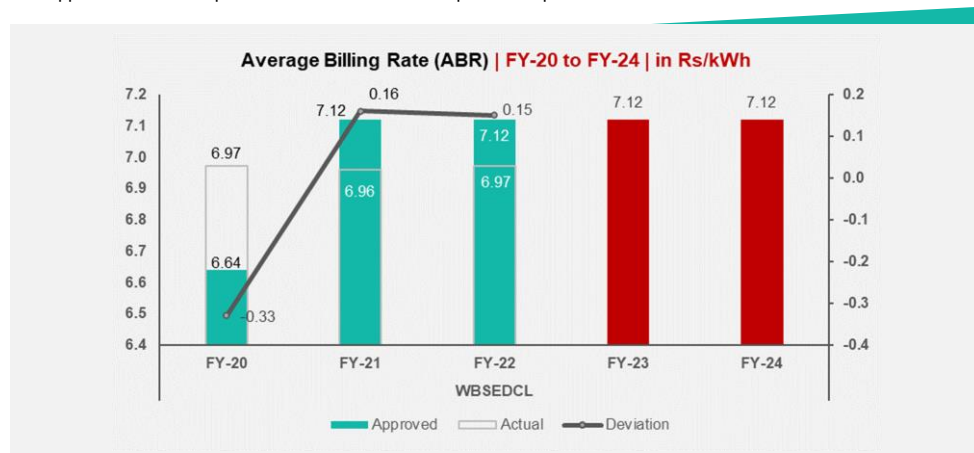
3. (a) Average Billing Rate (ABR)

The Approved and Actual ABR as per the tariff order for FY 2019-20 to FY 2021-22 along with approved ABR for FY 2022-23 and FY 2023-24 is provided as below:

(in Rs./ kWh)

Description	FY 2019-20		FY 2020-21		FY 2021-22		FY 2022-23	FY 2023-24
	Approved	Actual	Approved	Actual	Approved	Actual	Approved	Approved
WBSEDCL	6.64	6.97	7.12	6.96	7.12	6.97	7.12	7.12
State level	6.64	6.97	7.12	6.96	7.12	6.97	7.12	7.12

Note: Approved values as per Tariff Order & Actuals as per True up Order



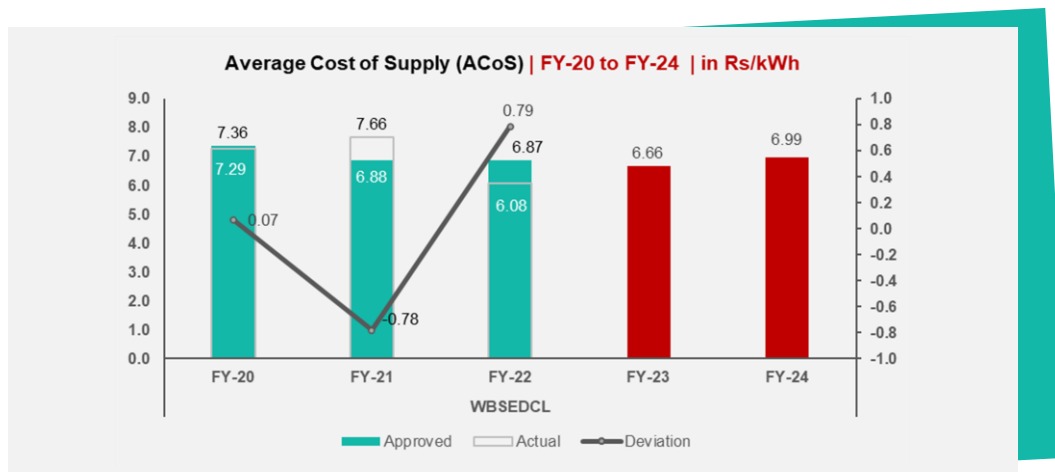
3. (b) Average Cost of Supply (ACoS)

The Approved and Actual ACoS as per the tariff order for FY 2019-20 to FY 2021-22 along with approved ACoS for FY 2022-23 and FY 2023-24 is provided as below:

(in Rs./ kWh)

Description	FY 2019-20		FY 2020-21		FY 2021-22		FY 2022-23	FY 2023-24
	Approved	Actual	Approved	Actual	Approved	Actual	Approved	Approved
WBSEDCL	7.36	7.29	6.88	7.66	6.87	6.08	6.66	6.99
State level	7.36	7.29	6.88	7.66	6.87	6.08	6.66	6.99

Note: Approved values as per Tariff Order & Actuals as per True up Order | excludes outside the state sale



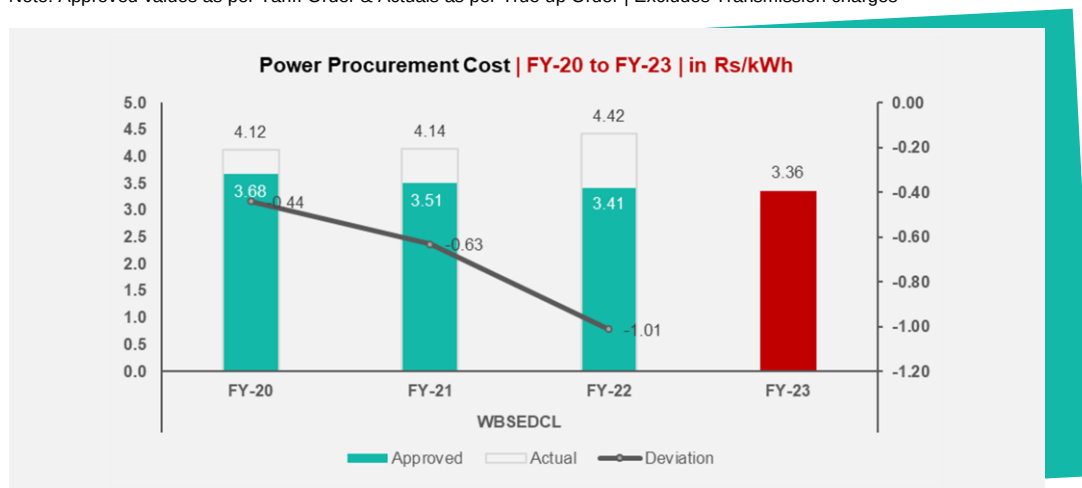
3. (c) Power Procurement Cost

The Power Procurement cost as approved by the State Commission in tariff order vs actual as per the approved true up of FY 2019-20 to FY 2021-22 is provided as below:

(in Rs./ kWh)

Description	FY 2019-20		FY 2020-21		FY 2021-22		FY 2022-23
	Approved	Actual	Approved	Actual	Approved	Actual	Approved
WBSEDCL	3.68	4.12	3.51	4.14	3.41	4.42	3.36
State level	3.68	4.12	3.51	4.14	3.41	4.42	3.36

Note: Approved values as per Tariff Order & Actuals as per True up Order | Excludes Transmission charges



3. (d) Expenses and Revenue

The difference in total expenses and revenues, as per filing in the tariff petition and the figures approved in tariff order by WBERC for FY 2023-24, are given below:

(in Rs. Cr.)

Sr. No.	Particulars	Tariff Petition (I)	Tariff Order (II)	Disallowance (III= I-II)
1	Power Purchase Expenses	20,474	20,474	0
2	Transmission Charges	2,668	2,647	21
a)	Inter-State Transmission charges	1,097	1,097	0
b)	Intra-State Transmission charges	1,572	1,551	21
3	Power System Charge	31	31	0
4	Employee expenses	1,879	1,520	358
5	R&M expenses	1,833	1,127	706
6	A&G expenses	0	504	(504)

Sr. No.	Particulars	Tariff Petition (I)	Tariff Order (II)	Disallowance (III= I-II)
7	Operational Expenses for RDSS	126	126	0
8	Statutory Charges	3	3	0
9	Finance Cost	644	644	0
a)	Interest on Capital Loans	385	385	0
b)	Interest on Working Capital	0	0	0
c)	Other Finance charges	20	20	0
d)	Interest on Consumer Security Deposit	240	240	0
10	Depreciation	389	389	0
11	Income Tax	30	30	0
12	Return on Equity	394	394	0
13	Aggregate Revenue Requirement	28,472	27,891	581
14	Less: Non-Tariff Income	1,091	1,091	0
15	Less: Other Expenses	3,243	3,243	0
16	Net Aggregate Revenue Requirement	24,138	23,557	581

Note: ₹ at approved tariff

4. Cumulative Revenue Gap/ Surplus

(in Rs. Cr.)

Description	WBSEDCL
Net Revenue Requirement for FY 2023-24	24,624
Revenue for FY 2023-24	24,624
Total Revenue Gap approved for FY 2023-24	-

5. Summary of Compliances

Sr. No.	Description	Status	Summary Latest Tariff Order: FY 2023-24 Latest True up Order: FY 2021-22 Approved Tariff Hike: ~4-6% New Regulatory Asset: Nil Proposed Liquidation Plan: Nil
1.	Tariff Order Issuance - Timeliness		
a)	Generation – Tariff Order	X	
b)	Transmission – Tariff Order	X	
c)	Distribution – Tariff Order	√	
d)	Distribution – True up Order	X	
2.	Creation of New Regulatory Assets	√	
3.	Cross subsidy within ±20% of ACoS – LT Industrial Category	X	
4.	Cross subsidy within ±20% of ACoS – HT Industrial Category	X	

Note: Complied (√) | Not Complied (X)



TRAJECTORY FOR AT&C LOSS AND ACS-ARR GAP



Table-1: Trajectory for AT&C loss for FY 2021-22 to FY 2024-25 under RDSS

Sr. No.	State	DISCOM	FY-21 (Baseline)	FY-22	FY-23	FY-24	FY-25
1	Andaman & Nicobar Islands	EDAN	22.04%	21.50%	20.50%	17.00%	13.00%
2	Andhra Pradesh	APCPDCL	20.21%	16.45%	14.13%	11.54%	10.83%
	Andhra Pradesh	APEPDCL	14.39%	13.02%	12.00%	11.00%	9.01%
	Andhra Pradesh	APSPDCL	26.83%	24.29%	20.01%	15.00%	12.78%
3	Arunachal Pradesh	Arunachal PD	46.00%	45.00%	35.00%	28.00%	22.00%
4	Assam	APDCL	18.55%	17.30%	16.50%	15.80%	13.00%
5	Bihar	NBPDCL	27.78%	25.00%	23.00%	21.00%	18.00%
	Bihar	SBPDCL	37.57%	35.00%	31.00%	25.00%	20.00%
6	Chhattisgarh	CSPDCL	23.14%	17.94%	15.90%	14.32%	13.10%
7	Delhi	NDMC	12.40%	-	9.00%	8.00%	7.00%
8	Goa	GED	13.00%	12.50%	12.00%	11.00%	10.25%
9	Gujarat	DGVCL	8.50%	8.00%	7.90%	7.80%	7.70%
	Gujarat	MGVCL	11.31%	10.81%	10.31%	9.81%	9.31%
	Gujarat	PGVCL	19.22%	18.22%	17.22%	16.22%	15.00%
	Gujarat	UGVCL	9.90%	7.35%	7.30%	7.25%	7.20%
10	Haryana	DHBVNL	16.93%	15.25%	14.50%	13.50%	12.50%
	Haryana	UHBVNL	17.21%	15.25%	14.50%	13.50%	12.50%
11	Himachal Pradesh	HPSEBL	14.02%	13.52%	12.70%	11.53%	10.15%
12	Jammu & Kashmir	JPDCL	52.17%	50.00%	44.00%	37.00%	27.00%
	Jammu & Kashmir	KPDCL	69.84%	65.00%	54.00%	44.00%	34.00%
13	Jharkhand	JBVNL	41.36%	36.00%	30.00%	24.00%	19.00%
14	Kerala	KSEBL	14.47%	13.00%	12.20%	11.50%	10.50%
	Kerala	TCED	9.95%	8.54%	8.35%	8.14%	8.00%
15	Ladakh	Ladakh PD	48.17%	49.04%	38.00%	28.00%	20.00%
16	Madhya Pradesh	MP Central	47.34%	41.02%	36.18%	26.99%	19.57%
	Madhya Pradesh	MP East	44.11%	36.55%	32.06%	24.27%	19.49%
	Madhya Pradesh	MP West	33.38%	24.05%	18.70%	16.09%	13.40%
17	Maharashtra	MSEDCL	27.20%	20.00%	18.00%	15.50%	13.00%
	Maharashtra	BEST	8.18%	8.00%	7.80%	7.60%	7.50%
18	Manipur	MSPDCL	20.33%	20.00%	18.00%	15.50%	13.00%
19	Meghalaya	MePDCL	32.47%	30.00%	25.00%	21.00%	18.00%
20	Mizoram	MPED	29.05%	24.00%	21.00%	17.50%	14.00%
21	Nagaland	DOPN	60.39%	52.00%	42.00%	34.00%	25.60%
22	Puducherry	PED	19.92%	16.99%	16.50%	14.00%	11.56%
23	Punjab	PSPCL	18.03%	16.50%	15.00%	14.00%	13.50%
24	Rajasthan	AVVNL	21.65%	21.70%	17.91%	15.75%	14.25%
	Rajasthan	JVVNL	25.21%	23.50%	20.15%	17.70%	15.00%
	Rajasthan	JdVVNL	30.87%	27.25%	23.50%	19.50%	16.00%
25	Sikkim	Sikkim PD	29.88%	29.00%	25.00%	20.00%	15.00%
26	Tamil Nadu	TANGEDCO	14.15%	13.73%	13.24%	12.40%	11.92%
27	Tripura	TSECL	37.37%	32.00%	28.00%	23.00%	19.00%
28	Uttar Pradesh	DVVNL	32.09%	38.24%	31.06%	25.26%	18.97%
	Uttar Pradesh	MVVNL	33.81%	31.76%	26.60%	21.08%	17.97%
	Uttar Pradesh	PVVNL	17.85%	21.10%	17.41%	15.06%	12.69%
	Uttar Pradesh	PuVVNL	32.44%	32.32%	27.84%	22.75%	18.49%

Sr. No.	State	DISCOM	FY-21 (Baseline)	FY-22	FY-23	FY-24	FY-25
	Uttar Pradesh	KESCO	12.45%	15.94%	13.49%	10.65%	8.07%
29	Uttarakhand	UPCL	17.79%	17.20%	16.10%	14.99%	13.96%
30	West Bengal	WBSEDCL	21.35%	20.00%	17.50%	15.50%	12.11%

Table-2: Trajectory for ACS-ARR for FY 2021-22 to FY 2024-25 under RDSS

(in Rs/kWh)

Sr. No.	State	DISCOM	FY-21 (Baseline)	FY-22	FY-23	FY-24	FY-25
1	Andaman & Nicobar Islands	EDAN	1.82	0.1	0.08	0.06	0.05
2	Andhra Pradesh	APCPDCL	0.92	0.69	0.43	0.31	0.25
	Andhra Pradesh	APEPDCL	1.40	0.99	0.86	0.55	0.25
	Andhra Pradesh	APSPDCL	1.50	1.19	0.69	0.35	0.18
	Andhra Pradesh	APSPDCL	1.50	1.19	0.69	0.35	0.18
3	Arunachal Pradesh	Arunachal PD	0.12	0.1	0.09	0.05	0
4	Assam	APDCL	0.47	0.26	0.19	0.08	0
5	Bihar	NBPDCL	1.06	0.75	0.54	0.34	0.2
5	Bihar	SBPDCL	1.34	1.18	0.89	0.55	0.19
6	Chhattisgarh	CSPDCL	0.52	0.48	0.38	0.2	0.15
7	Delhi	NDMC	-1.01	-	0 or <0	0 or <0	0 or <0
8	Goa	GED	1	0.8	0.6	0.4	0
9	Gujarat	DGVCL	-0.08	<0	<0	<0	<0
	Gujarat	MGVCL	-0.11	<0	<0	<0	<0
	Gujarat	PGVCL	-0.06	<0	<0	<0	<0
	Gujarat	UGVCL	-0.02	<0	<0	<0	<0
10	Haryana	DHBVNL	-0.08	<0	<0	<0	<0
	Haryana	UHBVNL	-0.22	<0	<0	<0	<0
11	Himachal Pradesh	HPSEBL	0.11	0.14	0.11	0.08	0.00
12	Jammu & Kashmir	JPDCL	3.55	3.49	2.55	2.16	1.4
	Jammu & Kashmir	KPDCL	3.97	3.94	2.73	2.23	1.41
13	Jharkhand	JBVNL	2.01	1.88	1.61	1.07	0.20
14	Kerala	KSEBL	0.42	0.3	0.28	0.17	0.06
	Kerala	TCED	0.16	0.02	-	-	-
15	Ladakh	Ladakh PD	0.4	0.35	0.3	0.2	0.15
16	Madhya Pradesh	MP Central	1.23	1.21	0.74	0.4	0.2
	Madhya Pradesh	MP East	2.26	1.86	1.23	0.84	0.01
	Madhya Pradesh	MP West	1.47	1.05	0.46	0.35	0.01
17	Maharashtra	MSEDCL	1.3	0.63	0.35	0.2	0
	Maharashtra	BEST	0.705	0.15	0.15	0.09	0
18	Manipur	MSPDCL	0.59	0.55	0.35	0.25	0.1
19	Meghalaya	MePDCL	1.97	1.9	1.4	0.9	0.5
20	Mizoram	MPED	-0.75	0.58	0.38	0.2	0
21	Nagaland	DOPN	0.58	0.55	0.45	0.35	0.25
22	Puducherry	PED	0.88	0.49	0.39	0.24	0.05
23	Punjab	PSPCL	0.08	0.07	0.05	0.05	0.05
24	Rajasthan	AVVNL	0.39	0.59	0.22	0.2	0.19
	Rajasthan	JVVNL	0.57	0.58	0.22	0.12	0.06
	Rajasthan	JdVVNL	1.15	1.67	1.03	0.53	0.19
25	Sikkim	Sikkim PD	0.86	0.86	0.8	0.5	0.05
26	Tamil Nadu	TANGEDCO	2.76	2.69	1.63	0.64	0.25
27	Tripura	TSECL	0.2	0.87	0.66	0.43	0.19
28	Uttar Pradesh	DVVNL	1.36	1.8	1.33	0.93	0.37
	Uttar Pradesh	MVVNL	1.43	1.41	1.04	0.73	0.34
	Uttar Pradesh	PVVNL	1.11	0.86	0.58	0.36	0.11
	Uttar Pradesh	PuVVNL	1.99	1.69	1.31	0.86	0.38

Sr. No.	State	DISCOM	FY-21 (Baseline)	FY-22	FY-23	FY-24	FY-25
	Uttar Pradesh	KESCO	1.8	0.97	0.76	0.37	0.02
29	Uttarakhand	UPCL	0.11	0.11	0.08	0.04	0
30	West Bengal	WBSEDCL	1.02	0.8	0.49	0.13	0.05

