

Insights on Sales Forecasting

Annexures – State-wise MYT Regulations and Details of Sales Forecasting Approach Adopted by Discoms

Annexure 1 – Eastern Region

State	Regulatory Body	Regulation Details	Discoms	Forecasting Methodology Adopted by Discoms	Remark
Bihar	Bihar Electricity Regulatory Commission	Bihar Electricity Regulatory Commission (Multi Year Distribution Tariff) Regulations, 2018	1. North Bihar Power Distribution Company Limited (NBPDCCL) 2. South Bihar Power Distribution Company Limited (SBPDCL)	CAGR method with reasonable assumptions for each consumer category.	
Jharkhand	Jharkhand State Electricity Regulatory Commission	Jharkhand State Electricity Regulatory Commission (Terms and Conditions for Determination of Distribution Tariff) Regulations, 2020	Jharkhand Bijli Vitran Nigam Limited (JBVNL)	CAGR method with reasonable assumptions for each consumer category.	
Odisha	Odisha Electricity Regulatory Commission	Odisha Electricity Regulatory Commission (Terms and Conditions for Determination of Wheeling Tariff and Retail Supply) Regulations, 2022	1. Tata Power Central Odisha Distribution Limited (TPCODL) 2. Tata Power Western Odisha Distribution Limited (TPWODL) 3. Tata Power Northern Odisha Distribution Limited (TPNODL) 4. Tata Power Southern Odisha Distribution Limited (TPSODL)	CAGR method with reasonable assumptions for each consumer category.	

West Bengal	West Bengal Electricity Regulatory Commission	West Bengal Electricity Regulatory Commission (Terms and Conditions of Tariff) Regulations, 2011	West Bengal State Electricity Distribution Company Limited (WBSEDCL)	CAGR method with reasonable assumptions for each consumer category.	
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Annexure 2 – Northern Region

State	Regulatory Body	Regulation Details	Discoms	Forecasting Methodology Adopted by Discoms	Remark
Chandigarh	Joint Electricity Regulatory Commission (JERC)	Joint Electricity Regulatory Commission (JERC) for the State of Goa and Union Territories (Generation, Transmission and Distribution Multi Year Tariff) Regulations, 2021	Electricity Wing Of Engineering Department Chandigarh Administration (EWEDC)	CAGR with category-wise realistic assumptions.	
Delhi	Delhi Electricity Regulatory Commission (DERC)	DERC (Terms and Conditions for Determination of Tariff) Regulations, 2017	<ol style="list-style-type: none"> 1. BSES Rajdhani Power Limited (BRPL) 2. BSES Yamuna Power Limited (BYPL) 3. New Delhi Municipal Corporation (NDMC) 4. TATA Power 	BRPL & BYPL - Adjusted Trend Analysis Method NDMC - Stagnant growth over the past few years, so considered nil growth TATA Power - CAGR	Projection for FY2024-25 not available.
Haryana	Haryana Electricity Regulatory Commission (HERC)	Haryana Electricity Regulatory Commission (Terms and Conditions for Determination of Tariff for generation, Transmission, Wheeling and Distribution & Retail Supply under Multi-Year Tariff Framework) Regulations, 2019	<ol style="list-style-type: none"> 1. Uttar Haryana Bijli Vitran Nigam Limited (UHBVNL) 2. Dakshin Haryana Bijli Vitran Nigam Limited (DHBVNL) 	CAGR with category-wise realistic assumptions.	

Himachal Pradesh	Himachal Pradesh Electricity Regulatory Commission (HPERC)	Himachal Pradesh Electricity Regulatory Commission (Multi Year Wheeling Tariff & Retail Supply Tariff) Regulations, 2023	Himachal Pradesh State Electricity Board Limited (HPSEBL)	CAGR with category-wise realistic assumptions.	
Jammu & Kashmir & UT of Ladakh	Earlier – JERC Now – Joint Electricity Regulatory Commission for the UT of J&K and the UT of Ladakh (JERC)	Joint Electricity Regulatory Commission (JERC) for the State of Goa and Union Territories (Generation, Transmission and Distribution Multi Year Tariff) Regulations, 2021	1. Jammu Power Distribution Corporation Limited (JPDCL) 2. Kashmir Power Distribution Corporation Limited (KPDCL) 3. Ladakh Power Development department (L-PDD)	CAGR with category-wise realistic assumptions.	New MYT regulation notified by JERC of J&K and Ladakh in 2023.
Punjab	Punjab State Electricity Regulatory Commission (PSERC)	Punjab State Electricity Regulatory Commission (Terms and Conditions for Determination of Generation, Transmission, Wheeling and Retail Supply Tariff) Regulations, 2019” (PSERC MYT Regulations 2019) PSERC (Power Purchase and Procurement Process of Licensee), Regulations 2012	Punjab State Power Corporation Limited	CAGR with category-wise realistic assumptions.	

Rajasthan	Rajasthan Electricity Regulatory Commission (RERC)	Rajasthan Electricity Regulatory Commission (Terms and Conditions for Determination of Tariff) Regulations, 2019	<ol style="list-style-type: none"> 1. Ajmer Vidyut Vitran Nigam Limited (AVVNL) 2. Jaipur Vidyut Vitran Nigam Limited (JVVNL) 3. Jodhpur Vidyut Vitran Nigam Limited (JdVVNL) 	CAGR with category-wise realistic assumptions.	Projection for FY2024-25 not available.
Uttar Pradesh	Uttar Pradesh Electricity Regulatory Commission (UPERC)	Uttar Pradesh Electricity Regulatory Commission (Multi-Year Tariff for Distribution and Transmission) Regulation, 2019	<ol style="list-style-type: none"> 1. Dakshinanchal Vidyut Vitran Nigam Ltd., Agra (DVVNL) 2. Madhyanchal Vidyut Vitran Nigam Ltd., Lucknow (MVVNL) 3. Pashchimanchal Vidyut Vitran Nigam Ltd., Meerut (PVVNL) 4. Purvanchal Vidyut Vitran Nigam Ltd., Varanasi (PuVVNL) 5. Kanpur Electricity Supply Company Ltd., Kanpur (KESCO) 	CAGR with category-wise realistic assumptions.	Projection for FY2024-25 not available.
Uttarakhand	Uttarakhand Electricity Regulatory Commission (UERC)	Uttarakhand Electricity Regulatory Commission (Terms and Conditions for Determination of Multi Year Tariff) Regulations, 2021, in short, UERC Tariff Regulations, 2021	Uttarakhand Power Corporation Limited	CAGR with category-wise realistic assumptions.	

Annexure 3 – North-Eastern Region

State	Regulatory Body	Regulation Details	Discoms	Forecasting Methodology Adopted by Discoms	Remark
Arunachal Pradesh	Arunachal Pradesh State Electricity Regulatory Commission (APSERC)	APSERC (Multi Year Tariff) Regulations, 2018 for Generation, Transmission, SLDC, Wheeling and Retail Supply	Department of Power, Govt. of Arunachal Pradesh	CAGR method with reasonable assumptions for each consumer category.	
Manipur	Joint Electricity Regulatory Commission for Manipur and Mizoram	Joint Electricity Regulatory Commission for Manipur and Mizoram (Multi Year Tariff) Regulations, 2014	Manipur State Power Distribution Company Limited	CAGR method with reasonable assumptions for each consumer category.	
Meghalaya	Meghalaya State Electricity Regulatory Commission (MSERC)	Meghalaya State Electricity Regulatory Commission Multi Year Tariff Regulations, 2014	Meghalaya Power Distribution Corporation Ltd. (MePDCL)	CAGR method with reasonable assumptions for each consumer category.	
Mizoram	Joint Electricity Regulatory Commission for Manipur and Mizoram	Joint Electricity Regulatory Commission for Manipur and Mizoram (Multi Year Tariff) Regulations, 2014	Power & Electricity Department Government of Mizoram	CAGR method with reasonable assumptions for each consumer category.	
Nagaland	Nagaland Electricity Regulatory Commission	Nagaland Electricity Regulatory Commission (Multi Year Tariff) Regulations, 2016	Department of Power Government of Nagaland	CAGR method with reasonable assumptions for each consumer category.	

Tripura	Tripura Electricity Regulatory Commission	Tripura Electricity Regulatory Commission MYT Regulation, 2015	Tripura State Electricity Corporation Limited (TSECL)	Trend analysis. Considered impact of DSM measures, usage of energy -efficient appliances, slow growth of industries and increase in prosumers on electricity sales growth	New MYT regulation notified by TERC in 2023.
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Annexure 4 – Southern Region

State	Regulatory Body	Regulation Details	Discoms	Forecasting Methodology Adopted by Discoms	Remark
Andhra Pradesh	Andhra Pradesh Electricity Regulatory Commission	<ol style="list-style-type: none"> APERC Terms and Conditions for determination of tariff for Wheeling and Retail Sale of Electricity (Regulation 4 of 2005) APERC Regulation - Load Forecasts and Resource Plans (Distribution Plans, Power Procurement Plans and Transmission Plans, 2019) 	<ol style="list-style-type: none"> Eastern Power Distribution Company of Andhra Pradesh Limited (APEPDCL) Andhra Pradesh Central Power Distribution Corporation Limited (APCPDCL) Southern Power Distribution Company of Andhra Pradesh (APSPDCL) 	<p>APEPDCL - Linear Regression Method</p> <p>APCPDCL - Time Series</p> <p>Monthly Linear Trend Method</p> <p>APSPDCL - CAGR with realistic assumptions</p>	Circle-wise sales projections.

Karnataka	Karnataka Electricity Regulatory Commission	KERC (Terms and Conditions for Determination of Tariff for Distribution and Retail sale of Electricity) Regulation, 2006	1. BESCO 2. CESCO 3. GESCOM 4. HESCO 5. MESCOM	CAGR with realistic assumptions	New MYT regulation is notified by KERC on 24th June 2024.
Kerala	Kerala Electricity Regulatory Commission	KSERC (Terms and Conditions for Determination of Tariff) Regulations, 2021	Kerala State Electricity Board (KSEB)	CAGR with realistic assumptions. Considered economic and other conditions expectations.	
Puducherry	Joint Electricity Regulatory Commission	Joint Electricity Regulatory Commission for the State of Goa and Union Territories (Generation, Transmission and Distribution Multi Year Tariff) Regulations, 2021.	Electricity Department, Government of Puducherry		
Tamil Nadu	Tamil Nadu Electricity Regulatory Commission	Tamil Nadu Electricity Regulatory Commission (Terms and Conditions for Determination of Tariff for Intra state Transmission / Distribution of Electricity under MYT Framework) Regulations, 2009	TANGEDCO	CAGR and Trend analysis method with realistic assumptions.	
Telangana	Telangana Electricity Regulatory Commission	Telangana State Electricity Regulatory Commission (Multi Year Tariff) Regulation, 2023 – Regulation No. 2 Of 2023	1. Northern Discom - Northern Power Distribution Power Company of Telangana Limited 2. Southern Discom - Southern Power Distribution Power	CAGR and Trend analysis method with realistic assumptions.	Circle-wise sales projections.

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Annexure 5 – Western Region

State	Regulatory Body	Regulation Details	Discoms	Forecasting Methodology Adopted by Discoms	Remark
Chhattisgarh	Chhattisgarh State Electricity Regulatory Commission (CSERC)	Chhattisgarh State Electricity Regulatory Commission (Terms and Conditions for determination of tariff according to Multi-Year Tariff principles and Methodology and Procedure for determination of Expected revenue from Tariff and Charges) Regulations, 2021	Chhattisgarh State Power Distribution Company Limited (CSPDCL)	CAGR method with reasonable assumptions for each consumer category.	
Goa	Joint Electricity Regulatory Commission	Joint Electricity Regulatory Commission for the State of Goa and Union Territories (Generation, Transmission and Distribution Multi Year Tariff) Regulations, 2021.	Electricity Department - Government of Goa	CAGR method with reasonable assumptions for each consumer category.	

Gujarat	Gujarat Electricity Regulatory Commission	Gujarat Electricity Regulatory Commission (Multi-Year Tariff) Regulations, 2016	<ol style="list-style-type: none"> 1. Uttar Gujarat Vij Company Limited (UGVCL) 2. Dakshin Gujarat Vij Company Limited (DGVCL) 3. Paschim Gujarat Vij Company Limited (PGVCL) 4. Madhya Gujarat Vij Company Limited (MGVCL) 	CAGR method with reasonable assumptions for each consumer category.	GERC issued a Draft MYT regulation in 2023.
Madhya Pradesh	Madhya Pradesh Electricity Regulatory Commission	Madhya Pradesh Electricity Regulatory Commission (Terms and Conditions for Determination of Tariff for Supply and Wheeling of Electricity and Methods and Principles for Fixation of Charges) Regulation, 2021	<ol style="list-style-type: none"> 1. Madhya Pradesh Power Management Company Limited 2. Madhya Pradesh Poorv Kshetra Vidyut Vitaran Company Limited 3. Madhya Pradesh Madhya Kshetra Vidyut Vitaran Company Limited 4. Madhya Pradesh Pashchim Kshetra Vidyut Vitaran Company Limited 	CAGR method with reasonable assumptions for each consumer category.	

Maharashtra	Maharashtra Electricity Regulatory Commission	Maharashtra Electricity Regulatory Commission (Multi Year Tariff) Regulations, 2019	<ol style="list-style-type: none"> 1. Mahavitaran - Maharashtra State Electricity Distribution Company Limited (MSEDCL) 2. Adani Electricity Mumbai Limited (Distribution Business) (AEML-D) 3. Brihanmumbai Electric Supply and Transport Undertaking (BEST) 4. Tata Power Company Limited (Distribution) (TPC-D) 	MSEDCL & AEML-D used CAGR method with reasonable assumptions for each consumer category. BEST - 2% growth considered on base and peak load TPC-D used past trend and economic conditions.	MERC issued a Draft MYT regulation in 2024.
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