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POWER DISTRIBUTION IN INDIA 2018

Market Analysis and Trends; Outlook and Projections

- ❖ Report (PDF)
- ❖ Data-set (Excel)

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Each profile will cover the following:

- Operational Area
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- Transformer Capacity
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- AT&C losses
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TSSPDCL's Reliability Indices	DVNL's Trend in AT&C Losses (%)	KESCO's Planned Distribution Line Length Addition (ct km)	Primary Energy Supply
TSSPDCL's Revenue Gap (Rs per unit)	DVNL's Revenue Gap (Rs per unit)	KESCO's Planned Transformer Capacity Addition (MVA)	State-wise Marginal Cost of Power (Rs/kWh)
TSSPDCL's Planned Distribution Line Length Addition (ct km)	DVNL's Planned Distribution Line Length Addition (ct km)	KESCO's Planned Capital Expenditure	State-wise Total Consumer Base (2016-17)
TSSPDCL's Planned Transformer Capacity Addition (MVA)	DVNL's Planned Transformer Capacity Addition (MVA)	NPCL's Customer Base and Energy Sales as of March 2017	Utilities with Power Purchase Costs over Rs 100 billion in 2016-17 (Rs billion)
TSSPDCL's Planned Capital Expenditure (Rs million)	DVNL's Planned Capital Expenditure (Rs million)	NPCL's Key Financials (2012-13 to 2016-17)	Top 10 Discoms in terms of Line Length
TSNPDC's Customer Base and Energy Sales as of March 2017	PVNL's Customer Base and Energy Sales as of March 2017	NPCL's Costs and Expenditure (Rs million)	Top 10 Discoms in terms of Transformer Capacity (2016-17)
TSNPDC's Metering Coverage as of March 2017	PVNL's Metering Coverage as of March 2017	NPCL's Power Purchase Costs Per Unit	Expected Growth in Distribution Line Length
TSNPDC's Line Length by Voltage (ct km)	PVNL's Line Length by Voltage (ct km)	NPCL's Capital Expenditure (Rs million)	Expected Growth in Distribution Substations
TSNPDC's Number of Substations	PVNL's Number of Substations	NPCL's Category-wise Tariffs for 2017-18	Expected Growth in Transformer Capacity
TSNPDC's Transformer Capacity by Voltage (MVA)	PVNL's Transformer Capacity by Voltage (MVA)	NPCL's Planned Distribution Line Length Addition (ct km)	Expected Consumer Metering Requirement
TSNPDC's Key Financials (2012-13 to 2016-17)	PVNL's Key Financials (2012-13 to 2016-17)	NPCL's Planned Transformer Capacity Addition (MVA)	Growth in Capital Expenditure of Discoms
TSNPDC's Trend in AT&C Losses (%)	PVNL's Costs and Expenditure (Rs million)	NPCL's Planned Transformer Capacity Addition (MVA)	Top 10 Discoms based on Total Capex
TSNPDC's Costs and Expenditure (Rs million)	PVNL's O&M Costs (Rs million)	WBSEDCL's Customer Base and Energy Sales as of March 2017	between 2012-13 and 2016-17
TSNPDC's Power Purchase Costs Per Unit	PVNL's O&M Costs (Rs million)	WBSEDCL's Metering Coverage as of March 2017	Planned Capital Expenditure of Discoms - 2018-19 to 2022-23
TSNPDC's Revenue Gap (Rs per unit)	PVNL's Power Purchase Costs Per Unit	WBSEDCL's Line Length by Voltage (ct km)	Indicative Break-up of Planned Capex
TSNPDC's Capital Expenditure (Rs million)	PVNL's Capital Expenditure (Rs million)	WBSEDCL's Number of Substations	Voltage-wise Demand for Overhead Conductors (km)
TSNPDC's O&M Costs (Rs million)	PVNL's Category-wise Tariffs for 2017-18	WBSEDCL's Transformer Capacity by Voltage (MVA)	Voltage-wise Demand for Underground Cables
TSNPDC's Category-wise Tariffs for 2017-18	PVNL's Trend in AT&C Losses (%)	WBSEDCL's Key Financials (2012-13 to 2016-17)	Voltage-wise Projected Transformer Capacity
TSNPDC's Planned Distribution Line Length Addition (ct km)	PVNL's Revenue Gap (Rs per unit)	WBSEDCL's Costs and Expenditure (Rs million)	Projected Additions in Transformer Capacity
TSNPDC's Planned Transformer Capacity Addition (MVA)	PVNL's Planned Distribution Line Length Addition (ct km)	WBSEDCL's O&M Costs (Rs million)	Demand Projection for DT meters
TSNPDC's Planned Capital Expenditure (Rs million)	PVNL's Planned Transformer Capacity Addition (MVA)	WBSEDCL's Power Purchase Costs Per Unit	Demand Projection for Smart Meters
TSECL's Customer Base and Energy Sales as of March 2017	PuVNL's Customer Base and Energy Sales as of March 2017	WBSEDCL's Capital Expenditure (Rs million)	State-wise AT&C losses (2016-17)
TSECL's Metering Coverage as of March 2017	PuVNL's Metering Coverage as of March 2017	WBSEDCL's Category-wise Tariffs for 2017-18	State-wise ACS-ARR Gap for 2016-17 (Rs per unit)
TSECL's Line Length by Voltage (ct km)	PuVNL's Line Length by Voltage (ct km)	WBSEDCL's Trend in AT&C Losses (%)	Other Operational Parameters* (%)
TSECL's Number of Substations	PuVNL's Number of Substations	WBSEDCL's Reliability Indices	State-wise UDAY bonds issued under UDAY (Rs billion)
TSECL's Transformer Capacity by Voltage (MVA)	PuVNL's Transformer Capacity by Voltage (MVA)	WBSEDCL's Revenue Gap (Rs per unit)	Growth in Village Electrification over the Years
TSECL's Key Financials (2012-13 to 2016-17)	PuVNL's Key Financials (2012-13 to 2016-17)	WBSEDCL's Planned Distribution Line Length Addition (ct km)	State-wise Number of Un-electrified Rural Households
TSECL's Costs and Expenditure (Rs million)	PuVNL's Costs and Expenditure (Rs million)	WBSEDCL's Planned Transformer Capacity Addition (MVA)	State-wise Number of Un-electrified Urban Households
TSECL's O&M Costs (Rs million)	PuVNL's O&M Costs (Rs million)	WBSEDCL's Planned Capital Expenditure (Rs million)	State-wise Household Electrification (%) (As of January 2018)
TSECL's Power Purchase Costs Per Unit	PuVNL's Power Purchase Costs Per Unit	India Power's Customer Base and Energy Sales as of March 2017	Status of Village Electrification (As of January 2018)
TSECL's Capital Expenditure (Rs million)	PuVNL's Capital Expenditure (Rs million)	India Power's Metering Coverage as of March 2017	Status of Household Electrification (As of January 2018)
TSECL's Category-wise Tariffs for 2017-18	PuVNL's Category-wise Tariffs for 2017-18	India Power's Line Length by Voltage (ct km)	Household Electrification Progress under SAUBHAGYA (with effect from October 11, 2017)
TSECL's Trend in AT&C Losses (%)	PuVNL's Trend in AT&C Losses (%)	India Power's Number of Substations	Physical progress of RTU and FRTU installation (%)
TSECL's Revenue Gap (Rs per unit)	PuVNL's Revenue Gap (Rs per unit)	India Power's Transformer Capacity by Voltage (MVA)	State-wise amount disbursed under SCADA Smart Meter Growth (500 kWh consumers)
TSECL's Planned Distribution Line Length Addition (ct km)	PuVNL's Planned Distribution Line Length Addition (ct km)	India Power's Key Financials (2012-13 to 2016-17)	Smart Meter Growth (200-500 kWh consumers)
TSECL's Planned Transformer Capacity Addition (MVA)	PuVNL's Planned Transformer Capacity Addition (MVA)	India Power's Costs and Expenditure (Rs million)	Year-wise Growth in Total Power Purchase Cost of Discoms (Rs billion)
TSECL's Planned Capital Expenditure (Rs million)	PuVNL's Planned Capital Expenditure (Rs million)	India Power's O&M Costs (Rs million)	Top 10 Discoms in terms of Aggregate Power Purchase Costs (2016-17)
UPCL's Customer Base and Energy Sales as of March 2017	MVNL's Customer Base and Energy Sales as of March 2017	India Power's Power Purchase Costs Per Unit	Year-wise Growth in Per Unit Power Purchase Cost of Discoms (Rs/kWh)
UPCL's Metering Coverage as of March 2017	MVNL's Metering Coverage as of March 2017	India Power's Capital Expenditure (Rs million)	Break-up of Quantum of Power Procured by Source
UPCL's Line Length by Voltage (ct km)	MVNL's Line Length by Voltage (ct km)	India Power's Category-wise Tariffs for 2017-18	Break-up of Cost of Power Procured by Source
UPCL's Number of Substations	MVNL's Number of Substations	India Power's Trend in T&D Losses (%)	Volume Trend in short-term Market
UPCL's Transformer Capacity by Voltage (MVA)	MVNL's Transformer Capacity by Voltage (MVA)	India Power's Reliability Indices	Price Trend in short-term Market
UPCL's Key Financials (2012-13 to 2016-17)	MVNL's Key Financials (2012-13 to 2016-17)	India Power's Revenue Gap (Rs per unit)	Price Trends in short-term Market in 2017-18
UPCL's Costs and Expenditure (Rs million)	MVNL's Costs and Expenditure (Rs million)	India Power's Planned Distribution Line Length Addition (ct km)	Year-wise trend in O&M costs
UPCL's O&M Costs (Rs million)	MVNL's O&M Costs (Rs million)	India Power's Planned Transformer Capacity Addition (MVA)	Year-wise break up O&M costs
UPCL's Power Purchase Costs Per Unit	MVNL's Power Purchase Costs Per Unit	India Power's Planned Capital Expenditure (Rs million)	Tariff Revisions in the Last Few Years
UPCL's Capital Expenditure (Rs million)	MVNL's Capital Expenditure (Rs million)	CESC's Line Length by Voltage (ct km)	State-wise Agricultural Tariff Trend (2014-15, 2016-17 and 2017-18)
UPCL's Category-wise Tariffs for 2017-18	MVNL's Category-wise Tariffs for 2017-18	CESC's Number of Substations	Average domestic tariff trend
UPCL's Trend in AT&C Losses (%)	MVNL's Trend in AT&C Losses (%)	CESC's Transformer Capacity by Voltage (MVA)	State-wise Trend of Average Domestic Tariffs
UPCL's Reliability Indices	MVNL's Revenue Gap (Rs per unit)	CESC's Key Financials (2012-13 to 2016-17)	Average commercial tariff trend
UPCL's Revenue Gap (Rs per unit)	MVNL's Planned Distribution Line Length Addition (ct km)	CESC's India Power's Trend in T&D Losses (%)	State-wise Trend of Average Commercial Tariffs
UPCL's Planned Distribution Line Length Addition (ct km)	MVNL's Planned Distribution Line Length Addition (ct km)	CESC's Costs and Expenditure (Rs million)	Average LT Industrial Tariff Trend
UPCL's Planned Transformer Capacity Addition (MVA)	MVNL's Planned Transformer Capacity Addition (MVA)	CESC's Category-wise Tariffs for 2017-18	State-wise Trend of Average LT Industrial Tariffs
UPCL's Planned Capital Expenditure (Rs million)	MVNL's Planned Capital Expenditure (Rs million)	LIST OF FIGURES	Average HT Industrial Tariff Trend
DVNL's Customer Base and Energy Sales as of March 2017	KESCO's Customer Base and Energy Sales as of March 2017	Year-wise Growth in Distribution Line Length (2012-13 to 2016-17)	State-wise Trend of Average HT Industrial Tariffs
DVNL's Metering Coverage as of March 2017	KESCO's Metering Coverage as of March 2017	Year-wise Growth in Number of Substations (2012-13 to 2016-17)	Trend in Income of Distribution Utilities
DVNL's Line Length by Voltage (ct km)	KESCO's Line Length by Voltage (ct km)	Year-wise Growth in Transformer Capacity (2012-13 to 2016-17)	Trend in Expenditure of Distribution Utilities
DVNL's Number of Substations	KESCO's Number of Substations	Growth in Energy Sales by category (2012-13 to 2016-17)	Trend in Subsidy Booked and Subsidy Received by Distribution Utilities
DVNL's Transformer Capacity by Voltage (MVA)	KESCO's Transformer Capacity by Voltage	Year-wise Growth in Number of Consumers (2012-13 to 2016-17)	Trend in ACS-ARR Gap for Distribution Utilities
DVNL's Key Financials (2012-13 to 2016-17)	KESCO's Key Financials (2012-13 to 2016-17)	Category-wise Energy Sales in 2016-17	Trend in total outstanding debt of state discoms (Rs billion)
DVNL's Costs and Expenditure (Rs million)	KESCO's Costs and Expenditure (Rs million)	Trend in AT&C Losses (2012-13 to 2016-17)	Projected Power Purchase Cost for Discoms
DVNL's O&M Costs (Rs million)	KESCO's O&M Costs (Rs million)	System Metering	Impact of Procuring RE Power on Average Discom Tariff
DVNL's Power Purchase Costs Per Unit	KESCO's Power Purchase Costs Per Unit		AT&C Loss Reduction Performance
DVNL's Capital Expenditure (Rs million)	KESCO's Capital Expenditure (Rs million)		
DVNL's Category-wise Tariffs for 2017-18	KESCO's Category-wise Tariffs for 2017-18		
	KESCO's Trend in AT&C Losses (%)		
	KESCO's Revenue Gap (Rs per unit)		

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