Agility Care Ethics Safety Diligence Respect

Ease of Doing Business -Getting Electricity

Tata Power Initiatives

TATA POWER
Lighting up Lives!

Getting Electricity Indicators

- Procedures to obtain an electricity connections (Nos.)
- Time required to complete each procedure (Days)
- Cost required for each procedure
- Reliability of supply and transparency of tariff index

Getting electricity indicators –

Procedures & Time required to obtain electricity connection

Step-1 (0 Day)

- On Tata Power Customer Portal,
  - Apply Online
  - Upload only two Documents (Identification & Occupancy Proof)
  - Online payment, as per Auto Generation of Estimates

Step-2 (5 Days)

- Site inspection, Network feasibility & Load Sanction.

Step-3 (10 Days)

- Work Order Execution, Install meter & release of power supply to applicant.

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Road excavation by MCGM in 3 days Subject to "Online Approval of Road Excavation Permission by MCGM within 3 days" & "Where road excavation of less than 10 mtrs is involved"

Getting electricity indicators – *Improvement Trend*

Cost required to release Power Supply

Tata Power-D - Schedule of Charges & Security Deposit							
Sr. No.	LT/HT	Phase	Load more than (kW / kVA)	Load less than or equal to (kW / kVA)	Application Registration & Processing Charges	Service Connection Charges	Security Deposit
1	LT	Single Phase	-	10	50	2,000	i. Resi - Rs. 70 per kW ii.Other than Resi - Rs. 100 per kW or kVA*
2		Three Phase	-	10	75	2,000	
3			10	20	75	3,000	
4			20	50	75	6,500	
5			50	150	75	12,000	
6			150		75	250,000	
7			Temporary		75	Actuals	
8	HT	Three Phase	-	500	200	350,000	i. Grp.Resi - Rs. 70 per kW
9			500		200	400,000	
10			Temporary		200	Actuals	

Getting electricity indicators – Reforms Implemented

Reliability of Power Supply

- ✓ **Trolley Mounted Mobile Sub-Station** are being used to provide power supply at short notice to Consumers
- ✓ **E-House** Pre-Fabricated Distribution Sub-Station are being installed in considerable less time (~70%) for creating back bone network
- ✓ **GIS (Geographic Information System) enabled tablets** are being used during site visits, which enables GIS integrated Network Planning & releasing Technical feasibility faster
- ✓ **SAP enabled Mobile & Tablets** provided to site execution teams enables them to expedite site inspection activities, transaction for material requisition, status updates, meter installation updating, etc.
- ✓ **Web base portal linked to SAP system** which enables generation of email to concerned teams of Tata Power, for carrying out the Site visits on priority.

Getting electricity indicators – Reforms Implemented

Reliability of Power Supply

- **Safe & Compact Natural Ester oil based Transformers** - Commissioned **India's 1st Green Sub-Station** providing substantial foot print reduction, improving grid reliability and safety

- **"Self Healing Grid (SHG) technology" -** Adopted **1st of its kind for Indian Utility on a pilot basic** at its 11kV distribution network in Kandivali for automated restoration of power supply

- **Distribution Management System (DMS) –** Deployed for Monitoring & Control of its network operations aiding in quick restoration of power supply without manual intervention
- **Up-gradation of Distribution Automation System (DAS) & SCADA systems** for faster fault identification & restoration of power supply from remote Power System Control Center

Getting electricity indicators – *Improvement Trend*

Reliability of Power Supply - Trend for last four years