
Solutions for India's largest seawater desalination plant

Improving energy efficiency and reducing operating and maintenance costs

ABB delivered a complete electrical, control and instrumentation solution for India's largest seawater reverse osmosis desalination plant in Chennai.

Chennai, Tamil Nadu,
India



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Customer : VA Tech Wabag

Location : Chennai, Tamil Nadu, India

Industry : Water treatment

Customer need

- Electrical system for the desalination plant (motors, drives, switchgear, capacitor banks, transformers, cabling, lighting)
- A 110/11 kV substation
- Distributed control system and wireless communication system
- Instrumentation
- Engineering, supply, erection and commissioning

ABB's solution

- Reduce energy consumption and electrical losses
- Reduce plant downtime
- Reduced operating and maintenance costs