
Optimization of distribution networks with E-House

Power Distribution Centre (PDC) or E-House for West Bengal and Kerala

This state of the art, packaged substation enables footprint, cost, resource and time optimization

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Power Distribution
Centre for West
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Customer : Calcutta Electric Supply Corporation (CESC), Kerala State Electricity Board (KSEB)

Location : West Bengal and Kerala, India

Industry : Power Distribution

Customer need

- CESC, Kolkata: Installing **substations in public areas** with little or no open space and limited costs and installation time
- KSEB, Kerala: Packaging multiple equipment elements in a walk-in enclosure to **optimize the space** available, product integration and co-ordination, reduce procurement **cost**, and optimize project engineering and resource management

ABB's solution

- A prefabricated, **modular enclosure solution** for switchgear and auxiliary equipment, assembled and tested in a controlled factory environment
- Kolkata: Installed the **first 33kV containerized PDC** with Gas Insulated Switchgear ZX0.2 as primary switchgear at Nagerbazar, Kolkata
- Kerala: Installed a customized **engineered PDC solution** in a very congested location in Thiruvananthapuram