
Irrigation canals that generate power

Gujarat canal top

The space-efficient **10 MW** photovoltaic power plant generates emission-free energy while preventing water loss in an irrigation canal.

Canal top PV power plant in Vadodara



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Customer : Gujarat State Electricity Corporation and Sardar Sarovar Narmada Nigam Ltd.

Location : Vadodara, India

Industry : Solar

Customer need

- **Innovative and durable solution** that accommodates scarce land and water resources
- Technology that **maximizes solar power generation** and output
- Load balancing and seamless **integration with grid**

ABB's solution

- Integrated **electrical balance of plant** solution for photovoltaic (PV) power plant
- **Reliable equipment** such as central inverters, transformers, indoor and outdoor switchyards
- Connection to the local distribution network in **compliance** with utility grid codes