Microgrid for an industrial campus in India

Cost-effectively meeting expanding facility’s growing energy needs with power from the sun.

One of ABB’s biggest manufacturing locations in the world
400,000 m² facility with 3,000 employees

Power from the sun
14,000 m² photovoltaic field sits on the factory’s roof

ABB Ability™ microgrid solution
1 megawatt hour (MWh) of excess solar energy generated daily will be stored in an ABB Ability™ PowerStore™ battery with cloud-based remote operations, to be used when needed

100% renewable penetration
Microgrid can work seamlessly in off-grid mode to achieve 100% solar integration

Driving energy efficiency & sustainable growth
Reducing dependency on diesel generators will lower the factory’s CO₂ footprint by approximately 1,400 tons annually