
Enabling clean transportation in Jabalpur city

Connecting power from sun to
socket to reduce carbon emissions

ABB string inverters installed at a key location in
the city are supporting the Smart City Mission
by helping harness solar power for the 400 e-
rickshaws in the city.

Jabalpur, India



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Customer : Jabalpur Smart City Corporation

Location : Jabalpur, India

Industry : Electric mobility

Customer need

- Solar-powered **charging station** for e-rickshaws
- Convert the 5,000 diesel-run city rickshaws to a cleaner, greener mode of propulsion, **reducing carbon emissions**
- Additional power generated through **solar panel** to be used for net metering

ABB's solution

- Renewable-energy-powered charging stations
- Solar powered charging stations, capable of generating 50 kilowatts of electricity, enable the vehicle to travel 100 to 150 kilometers.