ABB microgrid solution - Johannesburg, South Africa
Providing uninterrupted power supply and integrating renewables

- 750 kilowatt rooftop photovoltaic (PV) plant
- ABB factory and head office facilities 96,000 sqm ~1,000 employees
- PowerStore™ to stabilize intermittent renewables
- Battery-package
- Cloud-based remote service system to manage operations and maintenance

Benefits

- Uninterrupted power supply, seamless transition between grid connection and microgrid
- Integration of renewables, peak solar penetration up to 100%
- CO₂ reduction, up to 50% reduction in electricity bills and fossil fuel consumption

Power and productivity for a better world™

ABB