Enabling greener mining with the largest microgrid facility in Indonesia and Southeast Asia

Reducing reliance on diesel generation

The project successfully integrated solar generation into the network, stabilizing and improving energy efficiency with the Grid Edge Solutions e-mesh™ portfolio, including the PowerStore™ battery energy storage system (BESS), and advanced controls.

Our microgrid solutions harness solar energy of 230 MWh annually while helping to reduce the carbon footprint up to 192 tons.

2 MW / 2 MWh PowerStore™ battery energy storage system

Existing 2x7 MW steam turbine generators

Integrated e-mesh™ Control & SCADA

3 MWp solar PV plant

Existing diesel generators

Bontang, East Kalimantan