

A high-angle photograph of two construction workers in a quarry. One worker, wearing a yellow hard hat and a brown jacket with reflective stripes, is holding a tablet. The other worker, wearing a white hard hat and a brown jacket with reflective stripes, is pointing at the ground with a gloved hand. The ground is covered in loose rocks and dirt. The Hitachi logo and tagline are in the top right corner.

HITACHI
Inspire the Next

Top 5 energy essentials for achieving net zero

Bernard Norton, Country Managing Director

1. Reliable, stable and sustainable electricity networks



Eco-efficient
transformers
with superior
environmental
performance



Digital,
automated
substations for
improved
reliability and
power quality



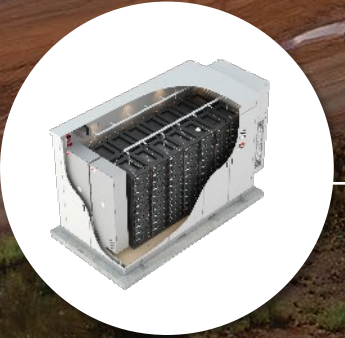
2. Integrating renewables



On site renewable
energy
generation,
seamless
integration

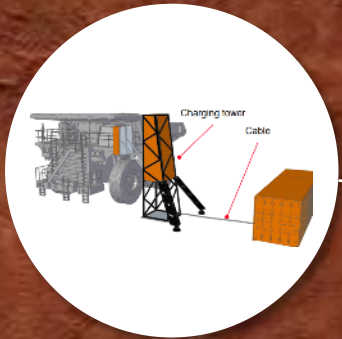


Improving power
quality and
stabilising the grid



Battery energy
storage systems
and advanced
inverters to
reduce the use
of fossil fuels

3. Flexible electrification and automation



Electric and hybrid vehicles and equipment, flash charged in minutes

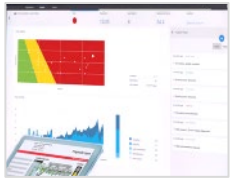
Digitalisation for safer and more productive mine sites



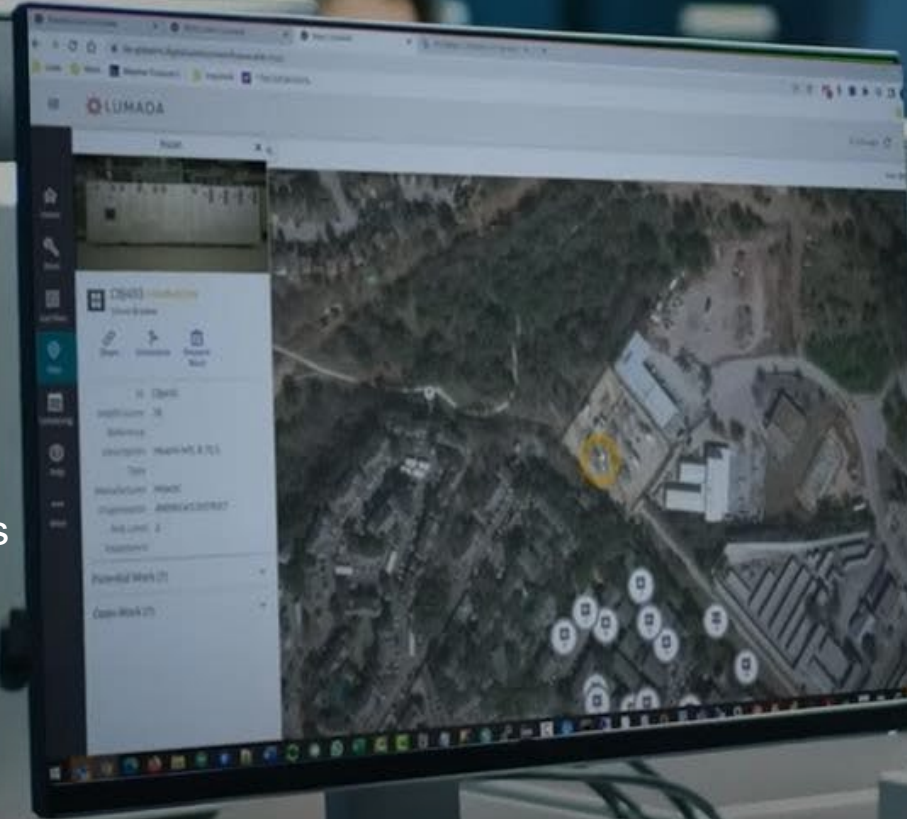
High-tech, reliable and future-proof electricity networks



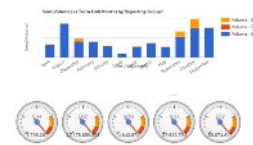
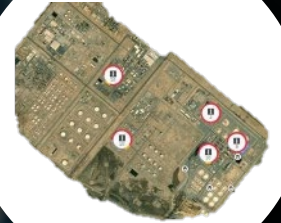
4. Understanding and using data



Management of assets, weather forecasting, load and generation forecasting and predictive maintenance to optimise operations



Live monitoring of mobile equipment and employees for greater safety and productivity



Emissions tracking, compliance reporting and trading

5. Strong partnerships and collaboration



Co-created
solutions to
address
environmental,
social and
governance
challenges





Advancing a
sustainable energy
future for all