

STRATA RESILIENCE

Strata Resilience is the software-based microgrid manager that delivers grid connected, island and black start operations while optimizing the value of microgrid assets for customers with grids and market integration.

Customers in remote areas or who experience extreme weather events, natural disasters (e.g. floods or wildfires) can be more cost effectively or reliably served using local DER managed in a microgrid. Installing and operating adequate DER capacity to sustain a microgrid the DER often requires managing constrained networks and scheduling the assets intelligently. DER needs to be operated and enabled to participate in black start services.

Features include:

- Maximizing the utilization and revenue of DER assets while grid connected
- Optimizing devices before islanding events to sustain the island microgrid as long as possible
- Leveraging protection, control and synchronising hardware for seamless island transitions.

SOLUTIONS

» RENEWABLE AND DISTRIBUTED GENERATION

Solutions for bi-directional power flows, over-voltages and other hosting capacity limitations created by utility scale and residential distributed generation.

» BATTERIES

Solutions for network optimisation, revenue optimisation and revenue stacking of utility scale and residential batteries.

» ELECTRIC VEHICLES

Solutions for off-street commercial and residential charging infrastructure connections.

» LOAD GROWTH AND NON-WIRES ALTERNATIVES

Solutions for utilities to implement flexibility services / non-wires alternatives.

» VIRTUAL POWER PLANTS

Solutions for DER Owners and Operators to interface DER to electricity markets.

» MICROGRIDS

Solutions to optimise mixed DER sites as interconnected or non-interconnected microgrids.

» ENERGY AS A SERVICE

Solutions to enable new business models, combining and optimising mixed portfolios of DER assets for grid and market applications

CUSTOMERS

