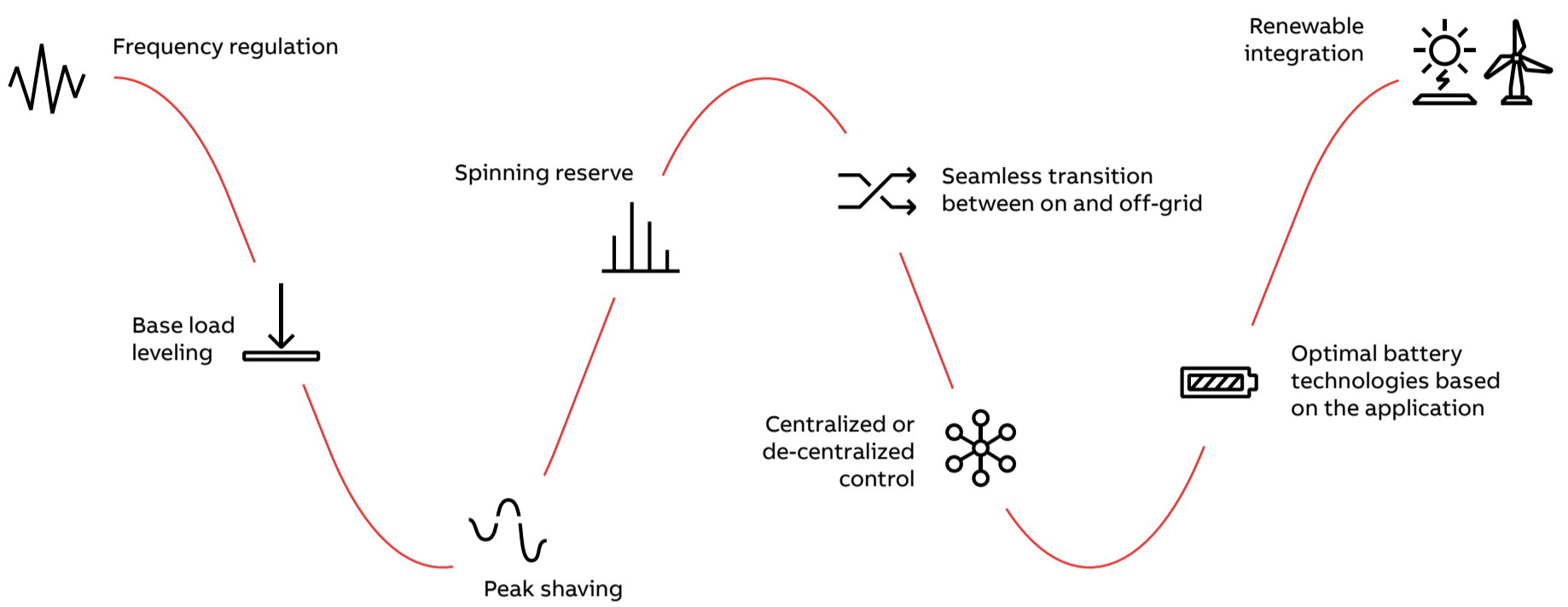


e-mesh PowerStore battery energy storage solution

Revolutionizing the way energy is managed and consumed

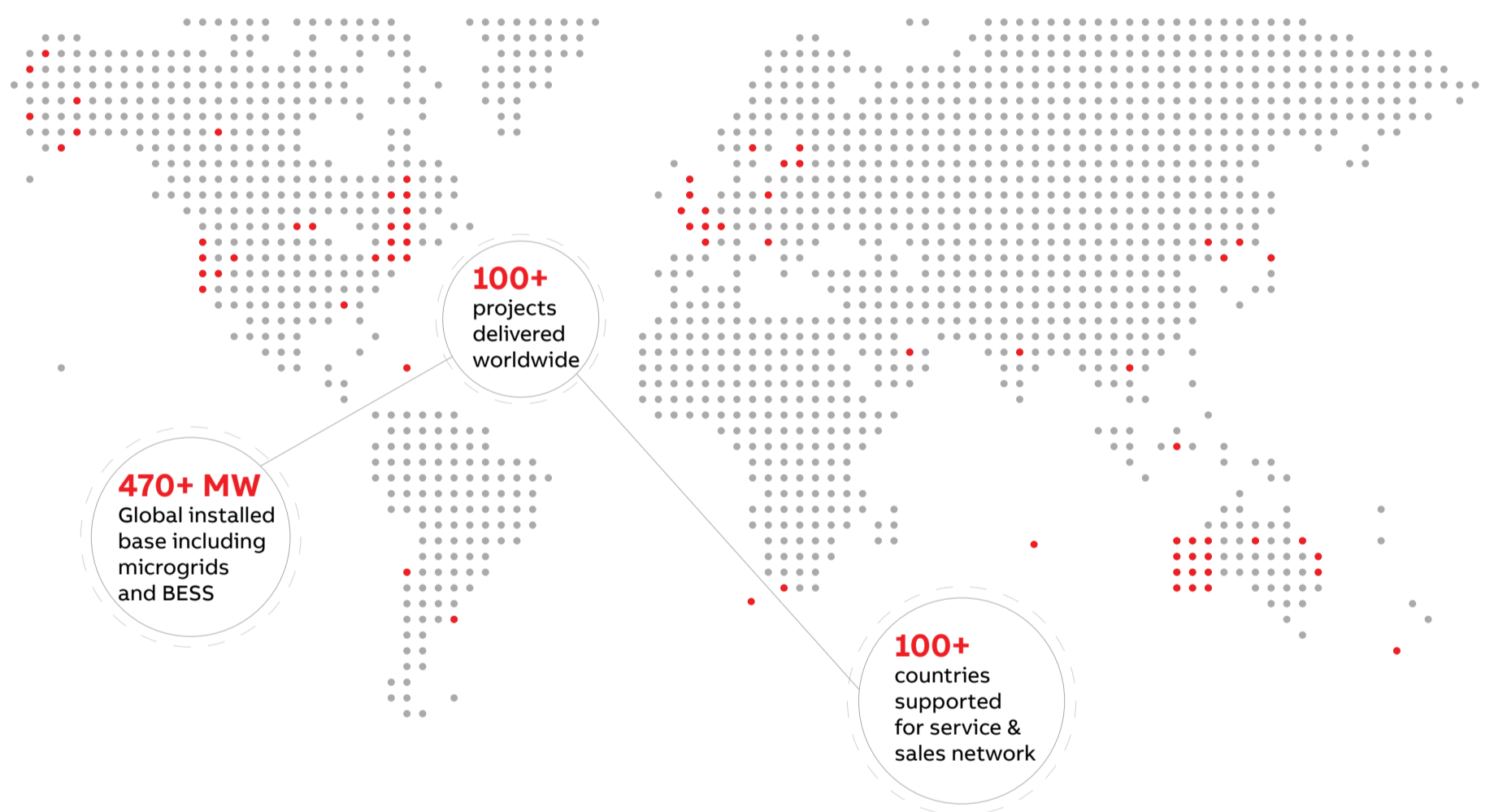
ABB's Grid Edge Solutions enable:

- Maximum customer value
- Optimum system performance
- Grid reliability
- Energy services
- New business opportunities for energy providers



Our global presence

Microgrids and battery energy storage projects



Our latest projects

KEY CONTRIBUTIONS » » »

Optimal production	Reduced carbon footprint	Fast response	Localized HMI	Renewable integration	Grid code compliance



Chitose, Hokkaido, Japan

Supporting Japan's renewable energy goals

The project is part of an initiative to promote the use of renewable energy. The power plant's more than 10,000 PV panels are expected to generate 35 gigawatt-hours (GWh) of energy annually, equivalent to the annual power consumption of around 11,000 local households.

- Compliance to the most stringent grid code requirements
- Optimized PV production with minimal waste of energy
- Stable and reliable power supply even during blackouts



Dalrymple, Australia

Strengthening South Australian power grid

The Energy Storage for Commercial Renewable Integration (ESCRI) project will provide a more secure power supply in an area that has high renewable penetration into the grid. The solution will connect an ABB e-mesh™ PowerStore™ 30 megawatt (MW) battery energy storage solution to the Electranet transmission system and deliver enough power to run 400 households for 24 hours without input from renewable generators.

- Overall reliability of power supply in the region
- Uninterrupted power supply during transmission line outage
- Fast and efficient deployment with a modular & scalable system