

Schneider Electric provides energy and automation digital solutions for efficiency and sustainability



Key figures for 2019

5% of revenues devoted to R&D

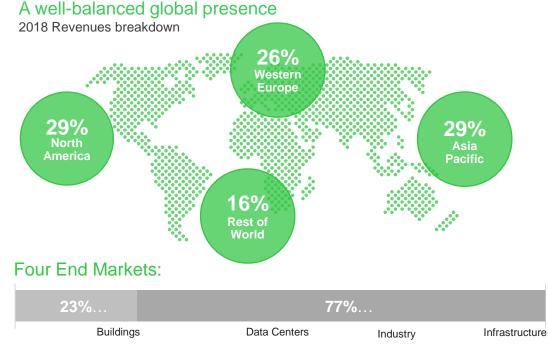
€27.2 billion

2019 revenues

41%

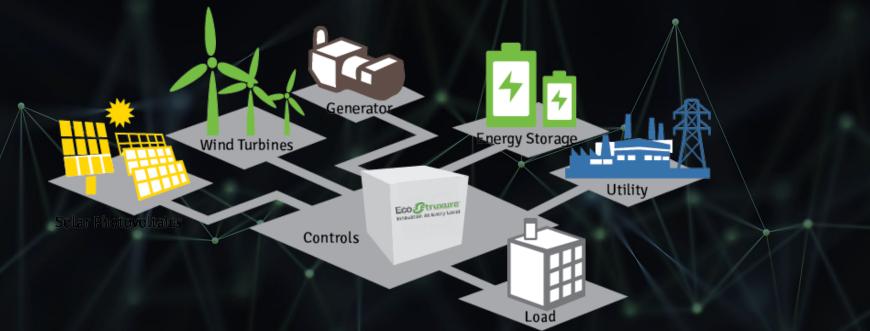
of revenues in new economies

135,000+ Employees in over 100 countries



What is a Microgrid?

An integrated energy system consisting of interconnected loads and distributed energy resources...



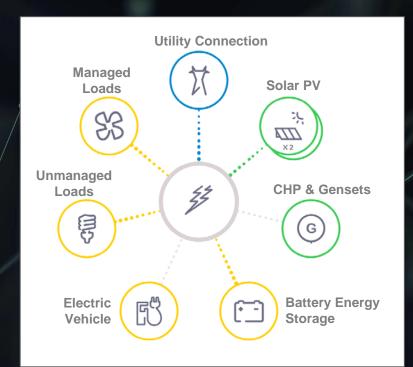
...which as an integrated system can be controlled as a single entity and operate in parallel with the grid or in an intentional islanded mode.

Life Is On



Microgrids - Solving for Integrated Outcomes

Historically passive consumers are thinking about energy in new ways





Cost

- Lower / More Predictable Energy Costs
- Energy / Fuel Source Arbitrage
- Flexibility drives savings / incremental revenue



Resilience

- Serve loads during times of grid stability
- Oasis for employees / customers shelter in place
- Protect power sensitive / critical assets from poor power quality



Sustainability

- Reduce carbon footprint
- Improve brand image
- Attract / Service carbon sensitive customers





Energy as a Service: reliable, efficient, clean energy Public/Private Partnership Model

Sustainability & Resilience

Key technology considerations for microgrid

Integration



Architectures and systems that ease integration of energy assets



Energy Control Center

Resilience



Edge automation that makes microgrids more resilient than the grid



EcoStruxure Microgrid Operation

Orchestration / Analytics



Best-in-class algorithms that make the most of local energy assets





EcoStruxure Microgrid Advisor

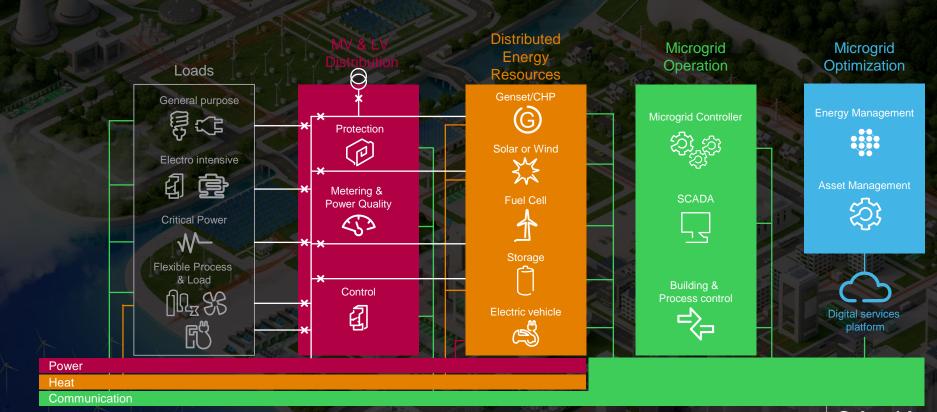


Leader

Life Is On



Microgrid Architecture – It's not that Simple the first time you do it



We partner in everything we do

650 k service providers & partners

45k+ system integrators & developers

3k

electricity companies

connected through

Schneider Electric Exchange





Life Is On Schneider