

# Industrial microgrid in Spain

## Schneider Electric & ACCIONA

### Project design

Schneider Electric's factory in Puente La Reina deploys the first industrial microgrid in Spain. The model can be replicated at any industrial plant, lowering deployment time and costs in the future.

The microgrid combines on-site renewable generation, battery storage and charging points for electric vehicles.

### Results of the integrated approach

The digitally optimized microgrid solution reduces dependency on the grid while increasing efficiency and building resiliency for the site, all while lowering energy costs and carbon emissions. The deployment includes an 'energy as a service' model provided by ACCIONA Energia, so Schneider Electric pays for the ongoing service (and does not need to navigate management and operating costs independently).

### Key facts

- Solar PV installation
- Battery storage
- AI algorithm
- 852 kWp of PV energy
- 5 EV charging points
- 80 kWh of battery storage

### Project archetype

Campus/Office decarbonization



Image credit Schneider Electric

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