

Utility Consulting Services from Schneider Electric

Microgrid Impact Study



Provides critical information on the impact the proposed microgrid will have on the existing interconnected utility.

Our dedicated team of Power System Engineers, who have extensive utility and engineering expertise, will deliver a **comprehensive report** that consists of:

- A technical evaluation of the proposed microgrid project that will be interconnected on the distribution feeder
- A broader utility system review that will deliver regulatory, business, operational, and technical mitigation strategies

Features of a Microgrid Impact Study

- Considers the impact of the microgrid on the existing electrical system
- Assists in looking at ways to minimize cost, improve the renewable energy utilization efficiency and maximize profits
- Reviews the effects of the microgrid on different operating conditions of the electric power system



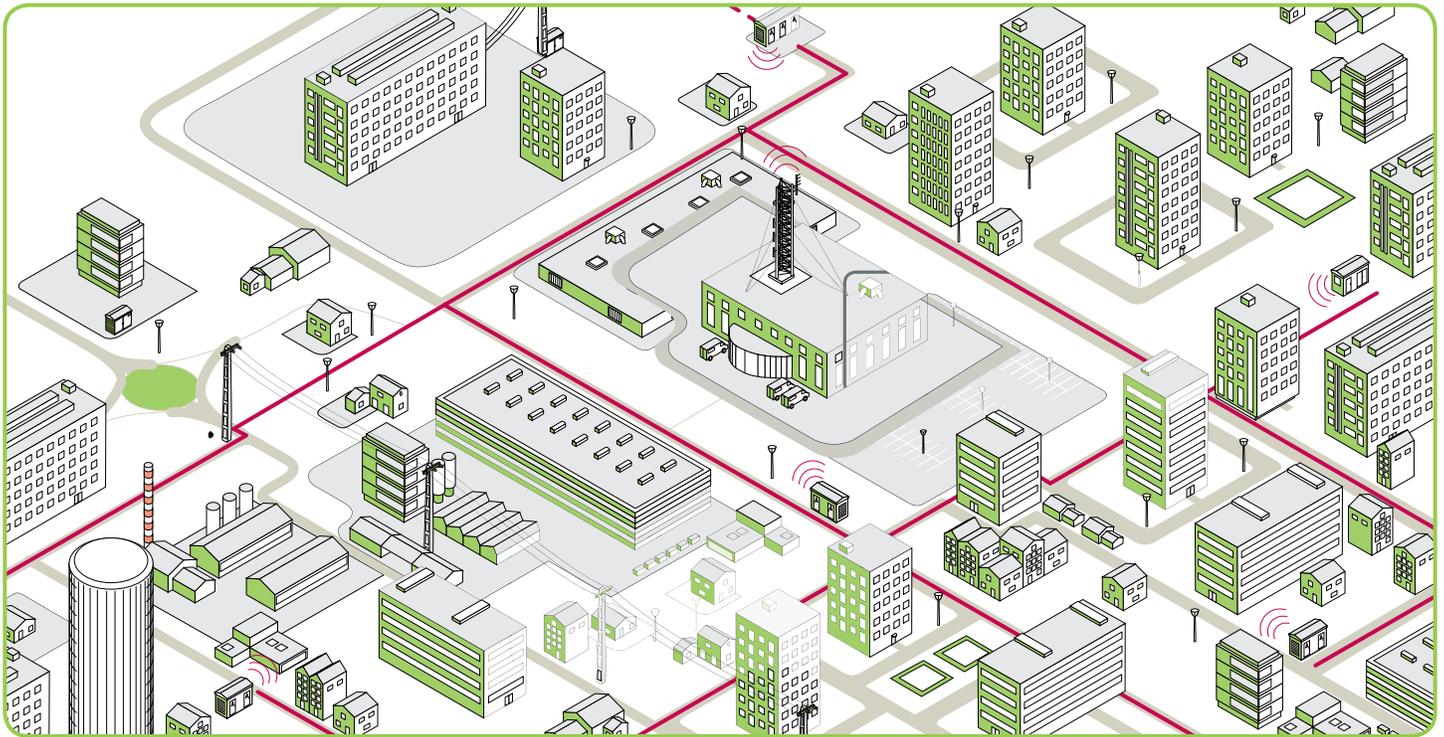
By **2018**, U.S. microgrid capacity will exceed **1.8 gigawatts** with a total value over **\$3 billion**.

**Source: GTM Research*

Make the most of your energySM

Schneider
 **Electric**TM

A successfully-implemented Microgrid Impact Study from Schneider Electric optimizes electrical reliability by allowing for seamless integration of the microgrid to the interconnected utility.



Microgrid installations typically fit into one of four categories:*

Off-grid Microgrids

Systems not connected to a local utility network, including islands and remote sites.

Campus Microgrids

Fully interconnected with a local utility grid, but can also maintain some level of service in isolation from the grid, such as during a utility outage.

Community Microgrids

Integrated into utility networks and serve multiple customers or services within a community, generally to provide resilient power for vital community assets.

Nanogrids

Serve single buildings or assets, such as commercial, industrial, or residential facilities, or dedicated systems, such as water treatment and pumping stations.

The purpose of all microgrid installations is to optimize energy usage and generation to achieve customer goals for resilience, reliability and sustainability.

*Source: www.microgridinstitute.org

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Why Choose Utility Consulting Services from Schneider Electric?

Our Consulting Services are delivered by **energy experts**, not general consultants. We serve as trusted advisors to utilities and end users to help them plan for a changing future.

They are supported by a national network of over 120 professional engineers who are collectively registered in every state of the U.S. Having a power system engineer close by assures familiarity with authorities having jurisdiction, local codes and standards, utility systems, and operations.

For more information:

 **call 888-778-2733**

 **Visit www.schneider-electric.com**

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