

REINVENTING ELECTRICAL RESILIENCY

Enchanted Rock provides the most affordable, long duration backup power to commercial, industrial, and institutional customers by delivering a proven, full-service solution with the cleanest available technology.

The company is responsible for the design, construction, commissioning, operations, maintenance, and ownership of the natural gas-powered generators so customers can have reliable backup power without the capital risks and challenges that come with maintaining a backup generation system. Enchanted Rock has commissioned over 370MW of distributed generation with over 100MW under construction.

Resiliency-as-a-Service: A Win-Win for Utilities and Customers

To remain competitive in today's market, successful utilities are looking for new approaches to provide safe, reliable, and affordable power -- all while continuing to add increasing renewable energy to the grid. Utility-enabled resiliency microgrids are an innovative way to deliver continuous power to large customers while also reducing the cost of quick response capacity to the grid.

The Enchanted Rock Solution

Using Enchanted Rock's resiliency microgrids, public power utilities can offer reliable backup power to large commercial, industrial, or institutional customers. Enchanted Rock's microgrids can be integrated into the overall power stack to run during peak load periods in order to reduce supply costs. Microgrids distributed throughout a community mitigate the effects of long-term outages caused by disruptions such as severe weather events, failed equipment, or cyberattacks. Most importantly, microgrids keep the power on when communities need it most.

Enchanted Rock Benefits

- Improve customer resiliency and mitigate long-term outages
- Reduce costly grid upgrades using distributed energy resources
- Lower supply costs by monetizing distributed assets in support of the grid

Reliability by the Numbers

- 370 MW** of commissioned distributed generation
- 99.999%** combined reliability
- 127** microgrids sites
- 24/7** support from Network Operations Center

Reliability by Design

Enchanted Rock was established on the reliability principles from our founders' experiences with NASA and the US Nuclear Navy. In fact, many of our team members also have backgrounds working with mission-critical applications in the US Nuclear Navy, so they are experts in this field of work. Enchanted Rock's natural gas-powered generators boast a standardized and modular design, allowing for high-quality maintenance due to consistent technical training and readily available parts. Our team's expertise combined with the standardized systems results in quick, straight-forward repairs, resulting in a 99.999% reliability rate.

Risk-Free Turnkey Service

Enchanted Rock's dynamic system management allows customers to have worry-free backup power so they can focus exclusively on their business.

Enchanted Rock utilizes a "Run loaded, Run often," approach instead of only running during emergencies. This minimizes the potential for an operational surprise by providing constant testing and conditioning for the generators. Additionally, Enchanted Rock employs a 24/7 Network Operations Center to ensure routine maintenance is performed at the proper intervals and potential issues are mitigated before they become a problem.

Efficient, Clean Fuel

Enchanted Rock microgrids provide clean, fast-response backup generation that supports end customer loads during a grid outage or disturbance. Enchanted Rock's resiliency microgrids are powered by natural gas, allowing them to provide power for any duration -- ranging from minutes to hours to days, unlike solar and storage microgrids that are limited by available sunlight and a two-to-four hour discharge. Natural gas also produces less carbon, less NOx, and lower particulates than the diesel backup equivalent, all while maintaining extremely high levels of reliability. With NOx emissions below 0.14 lb/MWhe, Enchanted Rock generators have unrestricted annual run time, which allows public power utilities to increase sustainability by integrating more renewables into their energy supply.

Low Rates
+
Local Control
+
High Reliability
=
Public Power
