



City of Houston Resiliency Projects

Enchanted Rock Natural Gas Generator

Reliable, Clean Power for Extended Outages

Performance & Reliability

- 99.999% operational reliability
- Proven in Texas during Winter Storm Uri, Hurricane Beryl, and other major outages
- <10 seconds to full load transfer
- 50,000-hour engine service life
- Diesel-like transient response for smooth, uninterrupted power
- Comprehensive synchronizing and load-sharing capabilities
- Fully managed: 24/7 monitoring, maintenance, and dispatch handled by Enchanted Rock

Fuel & Runtime

- Fueled by natural gas from the pipeline—no onsite fuel storage
- Unlimited runtime during long-duration outages
- Clean, sustainable power with rich-burn natural gas technology

Low Emissions

- Up to 99% fewer particulates than diesel
- Complies with EPA Tier 4 Final and TCEQ standards
- Ideal for use in urban and environmentally sensitive areas

Quiet Operation

- <68 dBA at 21 feet — quieter than a conversation
- Ideal for hospitals, water plants, data centers, and city infrastructure

Size & Specs

- Generator dimensions: 120"L × 96"W × 144"H
- Weight: 19,000 lb
- Switchgear dimensions: 72"W × 76"D × 92"H.
- Standardized, modular design allows for scalable deployment

Modular & Scalable

- Supports everything from single buildings to entire facilities
- Easy integration into new or existing infrastructure
- Scalable microgrid systems tailored to city and utility needs

Automatic Paralleling Switchgear

- Instant backup power: Switches to generator automatically during outages
- Seamless transition: No manual action needed for source changeover
- Smart-enabled: Supports remote monitoring and diagnostics
- Grid resilience: Key to stable, distributed energy systems
- Code compliant: Built to UL 891/1008 safety standards