

Powering Texas

NRG is in late-stage development of a new 689 MW natural gas generating unit in ERCOT, with the potential for two additional new units for a total of 1,500 MW of new generation in the Houston area.

The successful completion of any of these development projects is contingent upon several factors, including the Legislature reaffirming its support for competitive electricity markets and a functional Performance Credit Mechanism (PCM).

With favorable legislative conditions and long-term regulatory certainty providing the right incentives, NRG will be positioned to advance new units to provide the quick-start, fast-ramping capabilities the grid needs.

689 MW combined-cycle natural gas unit

A new, high-efficiency, combined-cycle natural gas unit capable of powering 137,800 additional homes.

Air permit: Approved

Interconnection Application: Approved

Status: Equipment manufacturer and EPC contractor ready

417 MW simple-cycle natural gas peaking units

Two new, simple-cycle, natural gas peaking units, capable of providing power within 30 minutes. The new units will be capable of powering 83,400 additional homes.

436 MW simple-cycle natural gas peaking unit

A new, simple-cycle, natural gas peaking unit capable of providing power within 10 minutes. The new unit will be capable of powering 87,200 additional homes.

Up to ~1,500 MW
new capacity to ERCOT in development

~300,000
additional Texas homes powered during extreme summer and winter days

30%
Hydrogen fuel capability for all three projects

“NRG intends to put steel in the ground with the potential for up to three new units in Texas. While there are many factors that will need to come together for NRG to move forward with these plans, having a functional PCM is a critical step.”

- Chris Moser, NRG Head of Competitive Markets and Policy