

NEW PEAKER PLANT PROJECT

FREQUENTLY ASKED QUESTIONS

[\(EN ESPAÑOL\)](#)

1. Why is LCRA building a new power plant?

LCRA's new power plant will help support the Texas power grid and help meet the growing demand for electricity as more people and businesses move to the state. The new peaker power plant will provide about 190 megawatts of dispatchable power to the Texas power grid.

2. What is a peaker plant?

A peaker plant typically is used for brief periods during times when the demand for power approaches or surpasses the amount of power available. This plant, like other peakers, is not designed to run around the clock. Instead, its high-efficiency engines will allow it to produce power needed in the state in just minutes.

3. Why is the plant needed? What are the benefits of it?

Texas needs more dispatchable thermal power generation that can be available quickly, depending on market conditions and demand. The plant will be available to grid operators to call upon when renewable and other thermal generation are not sufficient to meet the state's demand for electricity. The new LCRA plant will be able to ramp up and shut down in minutes.

4. What type of fuel and technology will be used at the plant?

The new plant will be fueled by natural gas. It will include 10 Wärtsilä reciprocating engines. Each engine can provide about 19 megawatts of power. (One megawatt can power about 200 homes during periods of peak demand, according to ERCOT.)

5. Where will the plant be located?

The plant is being built near Maxwell, Texas.

6. What is the construction schedule for the plant?

Preliminary site work will begin in early 2023, with construction expected to begin over the summer.

7. How much will the plant cost and how will it be funded?

The project cost is considered competitive electric information and is therefore not public. Funding will be provided mostly with debt.

8. Where can I get more information about this plant?

Email questions to [Contact LCRA](#).

9. Does LCRA have other power plants?

LCRA currently owns or has rights to about 3,570 megawatts of power – enough for LCRA and its wholesale electric customers to provide electricity for more than 1 million people. More information on LCRA's diverse generation portfolio is available [here](#).

10. Does LCRA have other peaker plants?

Yes. The new plant will be LCRA's second peaker plant. The first is a 184-megawatt natural gas-fired facility in Fayette County that was built in 2010.