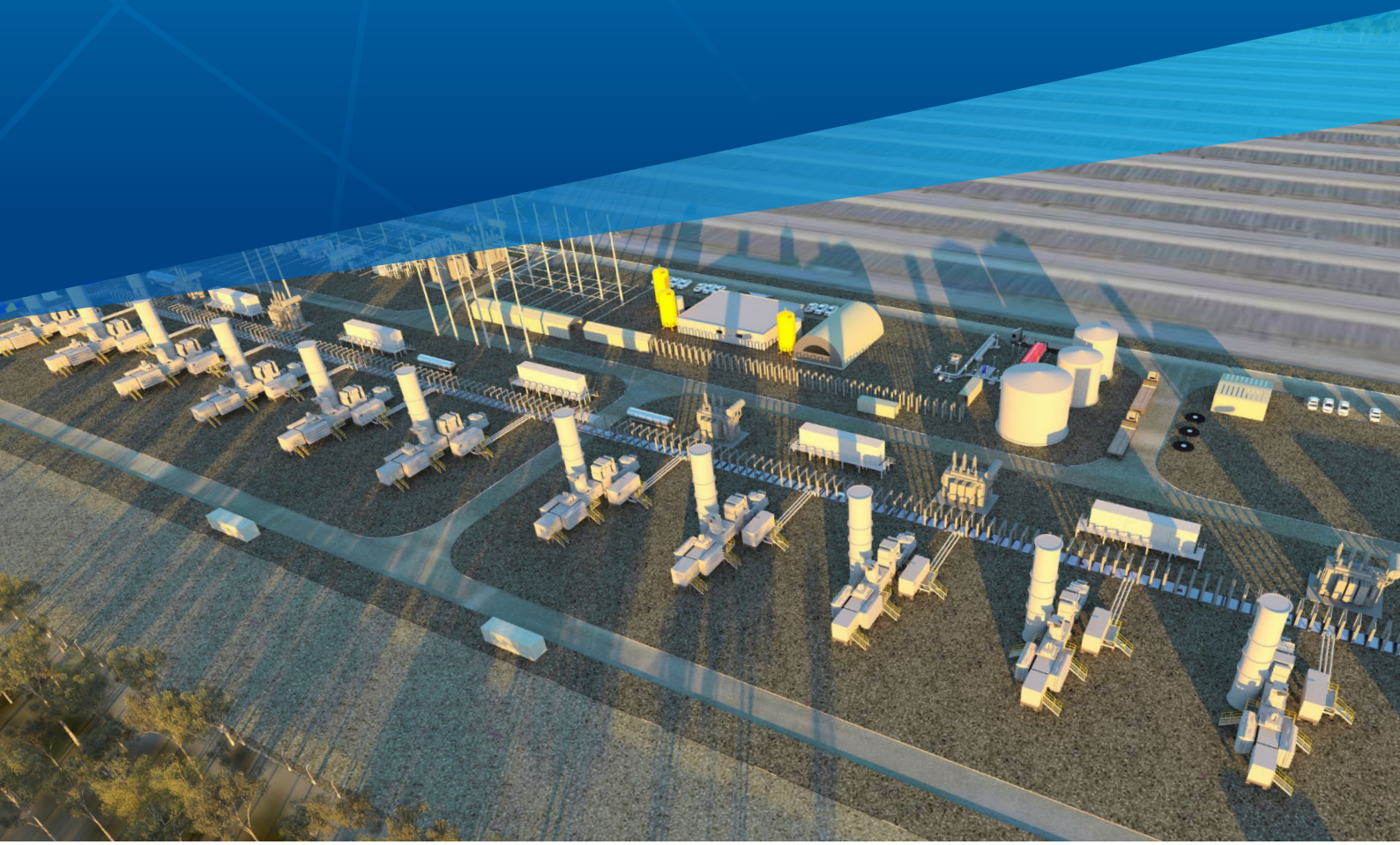
Brigalow Peaking Power Plant



CS Energy is developing a natural gas power station to operate in high demand periods and complement variable renewable energy.

The Brigalow Peaking Power Project will be located next to CS Energy's Kogan Creek Power Station in the Western Downs. This region offers excellent connections into the existing power grid.

The open cycle power station will have fast-start capability and operate in high demand periods to underpin power system reliability.

Development of the Brigalow Peaking Power Plant is a significant step in the continued diversification of CS Energy's portfolio.

We are committed to securing a balanced mix of energy sources to meet our customers' requirements and deliver affordable, reliable and sustainable energy for Queensland.

Fast facts

- **Up to 400 MW capacity**
- **Fast start – 5 minutes from cold to full output**
- **Capacity to power more than 150,000 Queensland homes during peak periods**
- **Features GE Vernova turbines**
- **Commercial operations expected in 2029**
- **Located on the traditional lands of the Barunggam people.**

Technical details

The Brigalow Peaking Power Plant will have 12 GE Vernova aeroderivative turbines (LM2500XPRESS) with a capacity of 33 MW per unit. It will be fuelled by natural gas that will be transported to site via a proposed 21-kilometre APA pipeline that would connect to the existing Roma to Brisbane Pipeline.

The Brigalow Peaking Power Plant will be a reliable source of fast power when needed. With its ability for multiple start/stop cycles per day and to ramp up to full power output within five minutes, the plant can be on the grid quickly to provide sustained power output during peak demand periods. This is important in helping to address the variability of renewable energy generation and providing firm capacity to the grid in addition to the role of batteries and pumped hydro.

The power plant is planned to connect into the Banana Bridge substation located next to the Chinchilla Battery. This will require a few hundred metres of new transmission line to be constructed on land owned by CS Energy.

Key milestones

2023	• **Site selection and initial design and surveys for the power island site were completed.** • **CS Energy signed an agreement with GE Vernova for the supply of long lead time equipment.**
2024	• **CS Energy and APA Group signed a Design and Development Agreement for the pipeline to connect the power plant to APA's Roma Brisbane Pipeline.** • **Planning and development work for the power plant continued.**
2025	• **CS Energy and APA Group finalise a project development and gas transportation and storage agreement.** • **CS Energy and Senex Energy sign a 10-year gas supply agreement.** • **CS Energy signs Joint Development Agreement with APA Group to progress development of the Brigalow Peaking Power Plant.** • **Early groundworks commenced in November.**
2026	• **CS Energy awards the Balance of Plant contract to Monadelphous. This covers the main construction work including civil and mechanical works, piping, and installation of the gas turbines.**

Deliver safe, reliable, affordable and sustainable energy for Queensland

CS energy