

Generator 4 on-line

Linc Energy has announced the construction of Chinchilla Underground Coal Gasification Generator 4 has been completed.

The generator is operational and producing synthesis gas (syngas).

It has been designed and built to demonstrate key productivity, scale and reliability enhancements that will prove critical for ensuring future sustained commercial UCG success.

The key technical attributes of the generator are based on the learning and success of other UCG generators in Chinchilla and will feature increased gas production rates and economies of scale.

It will also increase coal and energy resource recovery as well as extra and improved techniques for water

resource management.

Another key objective is the production of high quality synthesis gas to feed the Fischer-Tropsch gas to liquids facility at Chinchilla.

The Chinchilla GTL demonstration facility has recently commissioned changes that aim to further increase catalyst activity and gas conversion.

These improvements will allow for further increased production rates, with longer campaigns to produce increased volumes of hydrocarbon liquid products.

It is the company's aim to be able to treat and refine (off site), about 20,000 litres of Linc Energy's synthetic liquids from Chinchilla to Jet A-1 fuel for performance testing in a jet engine later this year.