



# Industry News

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## Underground Coal Gasification

### **Cougar Energy Forms New Underground Coal Gasification to Methane JV in Australia**

(EcoFriendly) (<http://nucoalenergy.ca/news/233/>)

- Cougar Energy Limited and a company associated with Australia Petroleum Ltd. have executed a terms sheet for a proposed 50:50 joint venture for the conversion of underground coal gasification (UCG) syngas to methane.
- Cougar Energy has previously announced a 341 million tonnes JORC compliant coal resource for EPC 1118. The size of this resource enables Cougar Energy to plan for multiple suitable uses of the syngas generated on site.
- Progress at Cougar Energy's flagship UCG power project at Kingaroy remains on track for commissioning of the pilot (pre-production) plant at the end of February this year.

### **Start up of Chinchilla UCG Generator 4 (Linc Energy) (<http://nucoalenergy.ca/news/235/>)**

- Linc Energy reported that the construction of Chinchilla Underground Coal Gasification (UCG) Generator 4 is now complete and the generator is now operational and producing synthesis gas (syngas).
- Generator 4 will validate the ability of Linc Energy's technology to deliver high quality, low cost syngas with increased levels of reliability at commercial scale, which will provide further confidence ahead of commercialization in South Australia and North America.
- One of the key objectives for Generator 4 is the production of high quality synthesis gas to feed the Fischer-Tropsch GTL facility at Chinchilla.

## Integrated Gasification Combined Cycle

### **Linden officials approve \$2.5M deal for PurGen coal-fueled power plant (Star-Ledger Staff)**

(<http://nucoalenergy.ca/news/232/>)

- The prospects of \$2.5 million in payments and 150 permanent jobs convinced the city of Linden to clear legal obstacles to the construction of a unique and controversial coal-fueled power plant on the banks of the Arthur Kill.
- A partnership called PurGen may now pursue permits to erect a \$5 billion, 500-megawatt electrical plant under a deal approved unanimously by the city council.
- In exchange for supporting the PurGen project, Linden will receive structured payments, beginning with \$350,000 this year, and amounting to a total of \$2.5 million over the next five years.

## General Clean Coal News

### **Scientists find way to make cheap gas from coal (QMI Agency) (<http://nucoalenergy.ca/news/236/>)**

- Researchers in Texas say they have found a way of cutting the cost of producing gasoline by two thirds, taking advantage of the lowest grade of coal available - one that is abundant beneath the Canadian prairies.
- A new refining process being perfected at the University of Texas at Arlington can turn the low-cost lignite coal, also known as brown coal, into oil at a fraction of the cost of importing crude oil from abroad.



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- Rick Billo, the school's Dean of Engineering, told a local television station, "We started off some time ago at an uneconomical \$17,000 a barrel. Today, we're at a cost of \$28.84 a barrel."

## NuCoal in the News

### **NuCoal Featured in World Coal Magazine** (World Coal Magazine)

(<http://nucoalenergy.ca/news/230/>)

- NuCoal was featured with many other clean coal technologies companies in their January edition. For more information on World Coal please visit their website at [www.worldcoal.ca](http://www.worldcoal.ca). The site has many interesting news articles in the coal and energy related industries.

**For more information, please go to our website at [www.nucoalenergy.ca](http://www.nucoalenergy.ca) or contact us with any questions or comments. We appreciate all your feedback.**

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Thank you and enjoy,

NuCoal Energy Team