FINANCIAL REVIEW

SE Companies and Markets

HD SA's high power prices drive project

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Surging electricity prices for industrial customers in South Australia have triggered plans for a new gas-fired power station between local junior Leigh Creek **Energy** and giant **Chinese** equipment manufacturer Shanghai Electric.

Leigh Creek managing director David Shearwood said the ASX-listed **company** had altered the shape of its integrated **energy** project, planned at the Leigh Creek **coal** deposit 550 kilometres north of Adelaide, to be able to supply electricity to industrial customers facing huge increases in power costs due to the closure of Alinta's power stations at Port Augusta.

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The power plant would have a capacity of 300 megawatts to 600MW, costing between \$450 **million** and \$900 **million**, depending on the final capacity, Mr Shearwood said. Start-up is targeted for early 2019, with all power to be sold under long-term contracts with customers.

Leigh Creek's business strategy centres on a proposal to produce gas from the underground **coal** deposit using a controversial process known as in-situ gasification. Some of the gas would be used in the power plant and for fertiliser production, and the rest transported through a new pipeline to supply east coast markets.

The heads of agreement signed with **Hong Kong**-listed Shanghai Electric provides for the two to work together to set up a joint venture in South Australia that would construct, own and run the gas-fired generator.

The **equity** split between the partners, funding and arrangements for electricity sales have still to be determined.

The venture aims to construct a generator to provide cheaper and reliable electricity to industry and mines in South Australia, according to Justyn Peters, executive chairman of Leigh Creek. The **company**'s shares surged 16.7 per cent in morning trading.

Leigh Creek, formed through a back-door listing last year using the shell of the former Marathon Resources, is about 7.5 per cent owned by **China**'s CITIC.

Mr Peters said the deal was "a great first step" in Leigh Creek's development as an energy company.

"The generation of base-load power through a gas-fired power station is important both to our company and to South Australia," he said.

Mr Shearwood said the total project, including power plant, gas production and pipelines, could involve an investment approaching \$2 billion.

In-situ gasification involves heating **coal** underground, to produce methane and other usable gases.

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