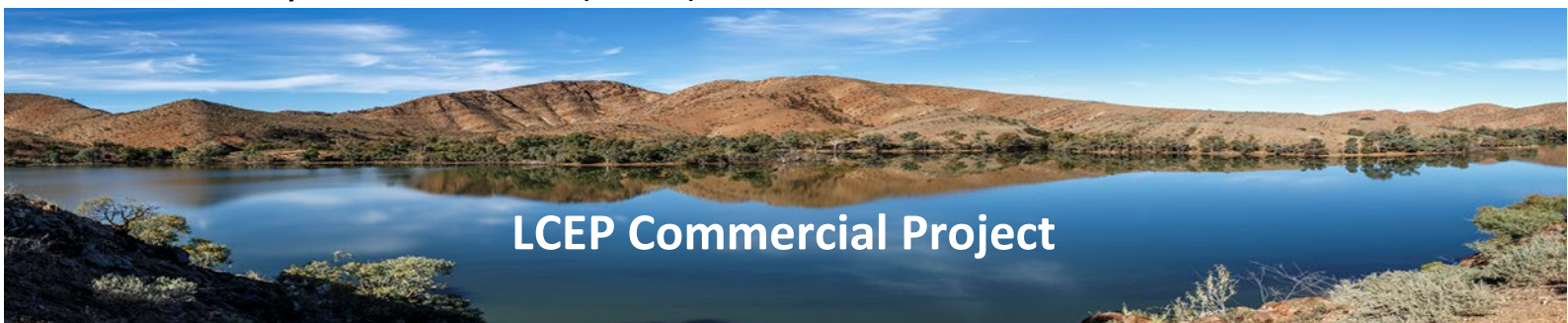


22 February 2021 ASX RELEASE (ASX:LCK)



LCEP Commercial Project

Leigh Creek Energy Limited (“LCK” or “the Company”) has commenced its Commercial Development of the Leigh Creek Energy Project (LCEP).

- Recruitment programme commenced
- EPCM contracts in place and works commenced
- Carbon neutrality program works commenced

LCK’s Managing Director, Phil Staveley commented that, *“Since awarding of the PPL in November we have moved swiftly to progress the commercial project, this is an exciting time for the team.”*

Recruitment Programme

The LCK recruitment programme is a precursor to our operations. It has now commenced and over the coming months the team will continue to expand ensuring mobilisation of project critical roles.

The recent appointment of Chief ISG Technologist, Mr Jim Zhang has been a positive addition to the team. Mr Zhang brings with him over 30 years of operational underground coal gasification (UCG)⁽¹⁾ experience both internationally and locally, as well as having a strong academic background from his former position of Vice Director of the International UCG research centre at the China University of Mining and Technology.

Mr Zhang’s appointment along with newly appointed project critical roles add further rigour to the strong operations team.

In addition, and amongst other roles filled, LCK has recruited an Instrumentation Engineer, Mechanical Engineer, Programme Manager, Quality Manager and Contracts Manager.

(1) ISG is also known as underground coal gasification (UCG), however the terms ‘in situ gasification’ or ‘ISG’ are used in South Australia’s Petroleum and Geothermal Energy Act 2000 to describe the process.

EPCM Contracts

Upstream operations

inGauge Energy Pty Ltd (inGauge) are managing the development of initial gasification wells to provide feedstock syngas for the 5MW power plant.

Following kick-off meetings, inGauge are progressing well with planning well designs and specifying long lead items which we will secure in advance of the drilling program.

Downstream operations

Prudentia Process Consulting Pty Ltd (Prudentia) are managing the selection, engineering, construction, and commissioning of the 5MW gas fired power plant for downstream LCEP operations.

Prudentia in conjunction with the LCK Operations team are on target to deliver on an agreed scope of works ensuring that key program milestones are met.

Carbon Neutrality Program

Leigh Creek Energy recognises the importance of managing our emissions to ensure the success of our company's operations. We continue to work towards our objective of becoming carbon neutral by 2030.

Together with our experienced advisors, carbon capture and storage (CCS) planning works have commenced to ensure that we are well placed to achieve this goal.

The Board of Leigh Creek Energy Limited authorised this announcement to be provided to the ASX.

For further information, contact:

Investors

Nicola Frazer

T: +61 402 311 607 | E: nicola.frazer@lcke.com.au

Tony Lawry

T: +61 412 467 160 | E: tony.lawry@lcke.com.au

Media

Tristan Everett

T: +61 403 789 096 | E: tristan.everett@marketeye.com.au

About Leigh Creek Energy

Located in South Australia, Leigh Creek Energy Limited (ASX:LCK) is an emerging energy company focused on developing its Leigh Creek Energy Project (LCEP). The LCEP will produce nitrogen-based fertiliser and/or hydrogen products at Leigh Creek by utilising In Situ Gasification technologies.

LCK is committed to developing the LCEP using a best practice approach to mitigate the technical, environmental and financial project risks.

For information on the ISG process [CLICK](#)