



**South Australian Chamber of Mines & Energy**

Level 1, 290 Glen Osmond Road

Fullarton, South Australia 5063

P: +61 8 8202 9999

E: [sacome@sacome.org.au](mailto:sacome@sacome.org.au)

W: [www.sacome.org.au](http://www.sacome.org.au)

19 January 2018

Mr Rainer Korte  
Executive Manager, Asset Management  
ElectraNet  
PO Box 7096  
Hutt Street Post Office  
ADELAIDE SA 5000

Dear Mr Korte,

**RE: Eyre Peninsula Electricity Supply Options – Regulatory Investment Test for Transmission**

ElectraNet's Project Specification Consultation Report (PSCR) for the Eyre Peninsula Electricity Supply Options project noted the age and condition of the existing line is insufficient to manage additional large loads connecting in the Eyre region. A maximum connection of 10MW is insufficient for many proposed mineral projects on the Eyre Peninsula.

SACOME has called for investment in electricity transmission infrastructure for resources provinces on the Eyre Peninsula to enable the development of existing and future projects.

Accordingly, SACOME's response to the PSCR recommended that the strong preference for SACOME members operating in the region was option four: a double circuit 275kV upgrade of the line, which would enable large loads to be connected while maintaining system strength and reliability standards.

The analysis undertaken by ElectraNet has demonstrated a modification of option four, namely option 4B, is preferred. This involves a double circuit 275kV line from Cultana to Yadnarie and a double circuit 132kV line from Yadnarie to Port Lincoln.

Mineral projects noted by ElectraNet in the Project Assessment Draft Report (PADR) include the Iron Road Central Eyre Iron Project and associated infrastructure; and Centrex Metals' Carrow, Port Spencer, Bungalow and Fusion Magnetite projects.

In the time between the PSCR and PADR documents there have been two Graphite mining projects that have advanced in their project development phases with Mining Leases either granted or in the process of approval.

These are Lincoln Mineral's Kookaburra Gully Graphite Project near Koppio; and Archer Exploration's Campoona Graphite project near Cowell. These two projects represent additional loads that will require connection to the network.



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Due to the northerly distribution of advanced resource projects on the Eyre Peninsula, and the preference for a 275kV line to support these projects, the proposed plan to build the double circuit 275kV line to Yadnarie is supported by SACOME.

Sincerely,

A handwritten signature in black ink, appearing to read "Dayne", with a long horizontal line extending to the right.

Dayne Eckermann  
Senior Policy Advisor

*The South Australian Chamber of Mines and Energy (SACOME) is the peak industry association for companies with business interests in the resources industry in South Australia, including those with business, vocational or professional interests in minerals exploration, mining and processing, oil and gas exploration, extraction and processing, power generation, transmission and distribution, logistics, transport, infrastructure, and those with clients in these sectors.*