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Subject: Eyre Peninsula Electricity Supply Options PSCR feedback - RDAWEP & EPLGA

Eyre Peninsula Electricity Supply Options PSCR feedback - Regional Development Australia, Whyalla and Eyre Peninsula & Eyre Peninsula Local Government Association

Resolution: Option No. 3 as a minimum, Option 5 preferred (with one line from Cultana to Port Lincoln via Wudinna).

Regional Development Australia Whyalla and Eyre Peninsula (RDAWEP) is the lead agency for driving economic, business and tourism development in the Whyalla and Eyre Peninsula region. The RDAWEP mission is to facilitate the achievement of sustainable development outcomes and promote the region as a quality destination to live, work, invest and visit. RDAWEP is part of a national network of 55 regional development agencies established by the Australian Government in 2009.

The Eyre Peninsula Local Government Association (EPLGA) enables its 11 member councils to excel, innovate, and thrive by providing advocacy and representation as the principal regional local government advocate. Member Councils include:

- District Council of Ceduna
- Wudinna District Council
- District Council of Streaky Bay
- District Council of Franklin Harbour
- District Council of Tumby Bay
- City of Port Lincoln
- Corporation of the City of Whyalla
- District Council of Kimba
- District Council of Cleve
- District Council of Elliston
- District Council of Lower Eyre Peninsula

The EPLGA at its Board meeting in Wudinna on Friday 30 June 2017 passed a resolution that the EPLGA considers option No. 3 as a credible minimum, but prefers option 5 as an optimum to improve energy transmission to the region.

Regional Development Australia Whyalla and Eyre Peninsula supports this resolution. Furthermore both organisations support taking one of the high voltage lines from Cultana to Port Lincoln via Wudinna, rather than Yadnarie.

On a per capita basis, the Eyre Peninsula far exceeds its fair contribution to South Australia's economy. On average it produces over 40 per cent of the State's wheat crop and over 80 per cent of the State's seafood exports. It is within this context that we highlight emphasis on the importance of a reliable electricity transmission supply to Eyre Peninsula because of the critical contribution it makes to the ongoing economic development of the wider South Australian economy.

The Independent Review into the Future Security of the National Electricity Market, Blueprint for the Future June 2017 by Dr Alan Finkel AO, Chief Scientist (Finkel Review) identified a range of whole-of-system benefits that can be realised through greater strategic planning of transmission infrastructure including:

- Creating more options for reliability through the development of a diverse mix of large-scale generation capacity in a range of locations through the grid, including the development of new renewable energy zones.
- By enabling the connection of large-scale renewables and large-scale backup generation and storage, such as gas, grid-scale batteries and pumped hydro, the transmission system can be a critical enabler of significant emissions reductions.
- Ensuring the transmission system is able to contribute to the preservation of network security and stability, including through inter-regional provision of security services.
- Ensuring reactive power control, and in future by procuring necessary inertia and fast frequency response.
- Increasing affordability by ensuring consumers are able to access the benefits of a competitive wholesale market.

The Eyre Peninsula with its abundant wind and solar resources (300 days of sunshine) and advantageous time difference to the east coast of Australia see's it well placed to be a significant renewable energy zone for the National Energy Market (NEM) providing all of the above benefits for the next 50 year investment into the transmission network for Eyre Peninsula. Taking one of the lines from Cultana to Port Lincoln via Wudinna would open up significant solar resources for the NEM.

Thank you for the opportunity to provide a submission on supply options.

We look forward to continued progress and cooperation.

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