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Our Ref: 60542  
Contact Officer: Ali Hassan  
Contact Phone: 02 9230 9106

07 May 2019

Alex Wonhas  
Chief System Design & Engineering Officer  
Australian Energy Market Operator (AEMO)  
Level 22, 530 Collins Street  
MELBOURNE VIC 3000

Dear Mr Wonhas,

**Re: Follow-up Information Request- SAET RIT-T Dispute**

Thank you for meeting with AER staff on 1 May 2019 to discuss the South Australian Energy Transformation (SAET) dispute.

As you are aware SACOSS contend that ElectraNet's Project Assessment Conclusions Report (PACR) for the SAET RIT-T provides little detail about the operation of a Special Protection Scheme (SPS) proposed to detect and manage system security risks associated with the loss of Heywood and/or the proposed interconnector. SACOSS is concerned that the modelled market benefits of the preferred option are based on combined interconnector capacities that are not achievable if the SPS does not work as intended.

As discussed at our May 1 meeting, AEMO's & April 2019 response to AER's 1 April 2019 information request provides limited details about the feasibility and design studies undertaken to date. Accordingly, the AER seeks seek information on the following:

- (a) Please provide details on the processes undertaken to date by AEMO and/or jointly with ElectraNet to assess the feasibility of the proposed SPS for the proposed new interconnector. We are interested in how AEMO used the processes to satisfy itself that the SPS can provide the services claimed by ElectraNet in its SAET RIT-T.
- (b) Page 3 of your 7 April 2019 response says: "*Detailed feasibility studies have demonstrated the capability of an SPS to achieve interconnector transfer levels outlined in the SAET RIT-T.*"

Additionally, we understand from the discussion in the meeting that AEMO staff had undertaken in-house feasibility studies (including power system simulation studies).

Please provide further details on the findings of the feasibility studies to date, explaining how they demonstrate the capability of the SPS to achieve interconnector

transfer levels outlined in the SAET RIT-T. Please include references to the feasibility studies undertaken to date.

- (c) We understand that the SPS would need to operate within very tight time limits to avoid system security risks and maintain connection to the rest of the NEM. Please provide further details including references to international examples that demonstrate that these times are achievable.
- (d) In the event of the loss of either interconnector and based on AEMO's power system modelling, please advise the likely maximum load shedding requirement. Please provide any details of information provided by ElectraNet that demonstrate that tripping of this required quantity of load in the timeframes required are achievable.

We would appreciate your response by 17 May 2019.

If you have any questions regarding this matter, please contact Ali Hassan on 02 9230 9106.

Yours sincerely



for

Sebastian Roberts  
General Manager  
Transmission and Gas Branch

Sent by email on: 07.05.2019