



14/08/2019

Australian Energy Market Operator
Level 22, 530 Collins Street
Melbourne VIC, 3000

Emailed to planning@aemo.com.au

Re – Victorian Reactive Power Support - Project Assessment Draft Report

Mondo appreciates the opportunity to comment on the AEMO's Project Assessment Draft Report (PADR) on its Victorian reactive power support RIT-T.

Mondo provides a variety of contracted transmission and distribution services, including grid connections for new generators, battery energy storage systems and aggregation of distributed energy resources.

Mondo notes that AEMO have identified in the PADR its preferred option (option 2) which requires installation of:

- 2 x 220 kV 100 MVar Shunt Reactor at Keilor (2021/22)
- 1 X 330 kV +200/-100 MVar Synchronous Condenser at South Morang (2022)
- 2 x 220 kV 100 MVar Shunt Reactor at Moorabool (2023)

AEMO have estimated the total capital cost of this option to be \$85 M, noting this cost would be distributed over the period 2021 to 2023.

Mondo also notes that the PADR on page 18 includes the statement "Battery storage systems were also considered, but due to cost and product life they were not included as a credible option in the market benefit analysis".

Mondo agrees that it would be difficult to justify the full expense of a suitably sized battery storage system based entirely on the reactive requirement identified in the PADR. However, it may well be that

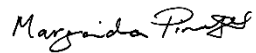
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there are already appropriately sized battery storage systems in advanced planning stages at suitable locations that could be configured at relatively little additional cost, to meet at least part of the identified reactive requirement.

Mondo is aware of grid scale battery developments that are well progressed and could be suitable for this purpose. We would be pleased to have a detailed discussion with AEMO on this matter.

Mondo hopes that the comments contained in this submission are of assistance to the AEMO in its deliberations on this consultation. Please do not hesitate to contact me either by email (margarida.pimentel@mondo.com.au) or on 03 9695 6061 if you have any further inquiries.

Yours sincerely



Margarida Pimentel

Manager Policy and Insights