

1 February 2021



Ms Audrey Zibelman
Chief Executive Officer and Managing Director
Australian Energy Market Operator
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Dear Ms Zibelman

Consultation - Draft 2021 Inputs, Assumptions and Scenarios Report

Energy Queensland Limited (Energy Queensland) welcomes the opportunity to provide comment to the Australian Energy Market Operator (AEMO) on the *Draft 2021 Inputs, Assumptions and Scenarios Report* (Report). This submission is provided by Energy Queensland, on behalf of its distribution network service providers, Energex Limited and Ergon Energy Corporation Limited.

For the slow/step change scenarios noted in the Report, Energy Queensland would appreciate clarity on the impacts these technologies have on demand and/or energy forecasts based on the different combinations of factors in addition to homogeneous cases. For example, the Report assumes all factors such as electric vehicles (EVs), solar photovoltaic (PV) and batteries all follow the low growth paths in the slow change scenario. However, it could be suggested that EVs and batteries follow a slow change scenario, but PV follows a high growth scenario, as evidenced in current data.

Energy Queensland also seeks to understand from the AEMO the following:

- what the key reasons or main drivers behind the under-estimated PV forecasts are;
- the approach to estimating PV internal usages, as this quantity directly impacts energy sales; and
- the relationship between PV and battery adoption in the mid and long term, as they may be inter-connected.

In our opinion, PV forecasts have significant historical data which are used to estimate the impact on energy and demand forecasts. As EVs and batteries are likely to increase substantially, and play an important role in future forecast horizons, it would be prudent to examine the assumptions underpinning the impacts these technologies will have on load profiles and therefore, on energy and demand forecasts.

Should AEMO require additional information or wish to discuss any aspect of this submission, please contact me on 0467 782 350 or Laura Males on 0429 954 346.

Yours sincerely

A handwritten signature in black ink, appearing to read "Trudy Fraser".

Trudy Fraser
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