

Submissions captured from out-of-session interactions

New Submissions (attached below)	Date Raised	Topic	Raised by	Possible action	Responsible	Status
19 (New)	2/8/2020	June Minutes	Ron Logan	Re-draft June minutes	AEMO	CLOSED

Submission 19

From: Ron Logan

Sent: Sunday, 2 August 2020

To: Daniel Collins

Subject: FRG Minutes

Daniel

We support the view expressed by Mark Grenning of the EUAA that more detailed minutes would be preferable. We also believe that additional time should be allowed at the start of the meetings for review of the previous meetings minutes. We also support the circulation with the minutes of all the questions asked and comments raised via the Webex chat and question areas and the SLIDO question facility as an appendix to the minutes to provide a more full record of the FRG meeting discussions.

As requested by yourself, I have some comments on the draft FRG meeting minutes for 10 and 24 June 2020.

10 June

Forced Outage Assumptions

AEP indicated that data for future forced outage rates was based on AEP staff experience. AEP did not review data or literature from international experience on changes in forced outage rates based on weekend or longer reserve shutdowns or 2 shifting operations.

AEP were asked when considering weekend or reserve shutdowns based on economic considerations, if this would allow for potential reductions in forced outage rates compared to normal as the reserve shutdowns would allow time for repairs and maintenance that would reduce the potential for failures. AEP indicated that they had not considered this factor in their assessment.

On the question of two-shifting AEP indicated that the coal fired fleet in Australia was not designed for 2 shifting. This was queried as Eraring, Bayswater and Mt Piper in NSW, Tarong and Stanwell in Qld and Loy Yang A and Loy Yang B in Victoria were all specifically designed via the construction contract specifications for 2 shifting operations which included additional boiler, steam mains and turbine drainage points and other automated features such as turbine bypass systems for 2 shifting operations. AEP indicated they were not aware this was the case.

With regards to the following point “Unit by unit refurbishment assumptions in the 2019 forecasting workbook are general and don’t assume specific refurbishment details. Known short term refurbishments were included, longer term ones assumed general trends.”

FRG members also asked how the planned major refurbishments on some of the units were factored into the future outage rate forecasts. AEMO indicated that major refurbishments would in AEMO’s view not influence future forced outage rates.

DSP

With regards to the following point “All Large Industrial Loads are assessed for DSP. Additionally, since participants can self-report being price exposed, very few DSP participants are missed. Some sites may be included in RERT and therefore excluded from DSP.”

Concerns were raised by FRG members that the level of DSP included in the report fell short of DSP observed in the NEM. There is a lot of DSP, some of which is on spot price pass through contracts that don’t seem to have been allowed for. Many of these loads though are not prepared to go in to the DSP Portal and log their participation on DSP.

AEMO indicated their view was that there was a difference between voluntary and paid response but were unclear as to the extent of this difference. AEMO however believe they are capturing the majority of price responsive load. FRG members indicated that it was unclear that this was the case.

AEMO were asked if they requested details regarding individual NMI’s that were on spot price pass through contracts. AEMO indicated that this question was not asked directly. It was noted by AEMO that forecasts will only be as good as the information provided to AEMO allows.

24 June

Section 3

AEMO indicated that a change in methodology has reduced the level of energy efficiency impacts at times of peak demand. This has led to an increase in maximum demand forecasts. Further details to be supplied with regards to this.

Section 4

With regards to “Graphs of historical POE’s are published in the Forecast Accuracy Report.”

This is incorrect. It should have indicated that data is not currently included in either the ESOO or Forecast Accuracy Report and AEMO will consider its inclusion in future Forecast Accuracy Reports.

Section 5

With regards to “AEMO reviews past LIL survey responses and corresponding actual loads.”

The question asked was with regards to where does AEMO publish a comparison of forecast to actual aggregated LIL data. AEMO indicated that currently this does not occur but will be considered for future Forecast Accuracy Reports.

Section 6

When queried, AEMO indicated that growth in SA maximum demand forecasts were driven by assumptions of new connections and also by the impact of forecast lower future electricity prices driving increased consumer consumption.

Section 7

When queried, AEMO indicated that growth in Vic maximum demand forecasts were driven by assumptions of new connections and also by the impact of forecast lower future electricity prices driving increased consumer consumption. In addition, AEMO assumptions are that electric vehicle charging aligns with the daily peak demand periods further increasing maximum demand forecasts. FRG members asked how network tariffs for EV charging may influence this outcome. AEMO indicated that further work needs to be undertaken in this area.

Concerns were raised about the significant change in minimum demand forecasts compared to the 2019 ESOO forecasts and whether the distribution networks could physically except the level of rooftop solar PV feed-in being forecast. AEMO acknowledged this issue and indicated that AEMO were only trying to paint a picture of what could occur. AEMO also indicated that a dedicated team has been formed to consider the forecasts of rooftop solar PV feed-in for future forecasts.

May I ask that you circulate these amendments to the FRG membership DL please.

Kind regards

Ron Logan

ERM Power

Closed Submissions

Item #	Date Raised	Topic	Raised by	Possible action	Responsible	Status
1	29/08/2019	Proposed Change to Seasonal Generator Capability Ratings	Ron Logan	AEMO to consider Ron's suggestion in developing method for derating generators over summer	AEMO	CLOSED
2	23/09/2019	Use of historical demand traces for wind and solar generators	Ron Logan	AEMO to report back, when ready, on research underway to use weather data directly to generate future traces, thereby removing anomalies attributed to market responses.	AEMO	CLOSED
4b	17/10/2019	MT PASA daily POE demands	Ron Logan	Concerns were raised around the accuracy of the MTPASA daily POE demands, despite these demands NOT actually being used by AEMO in any part of the MTPASA process. AEMO considers it more important to assess accuracy of the maximum demands from the demand traces that ARE used in the MTPASA process.	AEMO	CLOSED Being addressed through the MTPASA rule change.
5	25/09/2019	Vic maximum demand outcome post 2009	Ron Logan	AEMO to clarify how counter-factual actual demand is calculated for the purpose of assessing forecast accuracy, including how actual USE, RERT, DSP and household disconnections are added back on to load in order to better train the forecasting models.	AEMO	CLOSED With respect to FRG
6	25/09/2019	Low FRG DSP Numbers vs ISP Presentation	Ben Skinner	AEMO to clarify reconciliation between DSP forecast and ISP numbers presented to the FRG	AEMO	CLOSED
7	20/1/2020	FRG Meeting 20 January 2019	Mark Grenning	Update gas methodology report and provide an explanation about forecast accuracy methodology at the same time as GSOO is published Share questions on LiL for both gas and electricity with FRG ahead of next survey.	AEMO	CLOSED Refer to gas methodology report and 2020 GSOO. Questions on LiL survey shared with FRG members in March FRG.

8	20/1/2020	Analysis of Change in GPG vs Forecast 2019	Ron Logan	As above, AEMO will make as transparent as possible assumptions used to assess forecast accuracy AEMO agrees that there is much uncertainty relating to future annual GPG consumption and the merits of discussing ranges of possible outcomes.	AEMO	CLOSED Refer to 2020 GSOO.
9	25/3/2020	Note data on building approvals vs commencements	Jennifer Brownie	AEMO and FRG note	AEMO	CLOSED
10	25/3/2020	Mark MTD Consumption and Max Demand Outcomes	Ron Logan	AEMO to share data with FRG participants	AEMO	CLOSED
11	14/4/2020	Request for actual/forecast over Easter period, of interest due to COVID19	Ron Logan	Distribution of COVID19 updates	AEMO	CLOSED
12	15/4/2020	Draft ISP assumptions and expected publication date of AEMO/CSIRO Gencost report	Norman Jip	2020 ISP consultation process	AEMO	CLOSED
13	14/5/2020	Feedback from Covid-19 meeting	Ron Logan	Distribute to FRG members	AEMO	CLOSED
14	14/5/2020	Feedback from Covid-19 meeting	Herath Samarakoon	Distribute to FRG members	AEMO	CLOSED
15	10/6/2020	Feedback from FOR discussion	David Headberry	Take comments onboard & Distribute to FRG members	AEMO	CLOSED
16	10/6/2020	Feedback from FOR discussion	Ron Logan	Take comments onboard & Distribute to FRG members	AEMO	CLOSED
17	10/6/2020	Feedback from FOR discussion	John Sligar	Take comments onboard & Distribute to FRG members	AEMO	CLOSED
18	1/7/2020	Including generators which are transferring registration as "committed" in the ESOO	Ron Logan	Finalise GenInfo and ESOO documentation	AEMO	CLOSED