Submissions captured from out-of-session interactions - OPEN

Submission	Date Raised	Topic	Raised by	Possible action	Responsibility	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	**OPEN** Will bring this discussion back to November FRG when presenting proposed methodology for derating over summer.
2	23/09/2019	Use of historical demand traces for wind and solar generators (see email below)	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	**OPEN** This is currently a work in progress. AEMO now uses weather data to derive some, but not all of the generation traces. Further work to derive more granular historical weather data is ongoing, through collaboration with CSIRO and BoM, so that we may extend this method further.

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4b	17/10/2019	MT PASA daily POE demands (see email on Grid delivered energy below)	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	**OPEN** The reported MTPASA daily POE peak demands are not used within AEMO for any reliability forecast. AEMO is currently exploring the feasibility of reporting the range of maximum demands from the input demand traces instead. At a minimum, AEMO will include some reporting of MTPASA demand trace performance in the upcoming Forecast Accuracy Report.
5	25/09/2019	Vic maximum demand outcome post 2009 (see email below)	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	**OPEN** Will include in a Forecast Accuracy Report methodology paper to be consulted on early next year.

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6	25/09/19	Low FRG DSP Numbers vs ISP Presentation	Ben Skinner	AEMO to clarify reconciliation between DSP forecast and ISP numbers presented to the FRG	AEMO	**OPEN**

7	21/11/19	CSIRO weather/battery analysis	James Bennett	AEMO / CSIRO – please refer email below from James I may not be available to join the meeting next week – we are into the final run to lodgement of our Revised Proposal to the AER for 2020-25 Reset. I note the work that CSIRO is looking at doing. We do this, but not at the localised level that CSIRO is proposing. We find that all of SA responds similarly to the same weather, but that may be a simplification. In our AER Reset process, we have provided two different datasets to the AER with annual data (2018/19). 1. Regional outcomes. Adelaide's 4 transmission zones, plus country cities plus the residual load in the country. The CBD is separately reported (as it has a different profile to the metropolitan East area) and the major industrials are also separately reported (they respond differently to price and season to the rest of the load). We use the ElectraNet TNI supply plus the major embedded generation as the source of load for each of these areas. It covers more than residential – it covers residential plus business with PV treated as negative load.		**OPEN ?**

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				2. Samples of small business and residential customers. Not the amounts that CSIRO is seeking but still significant. The residential samples comprise customers with and without PV, and with/without hot water (OPCL). The data streams distinguish between the import, the export and the separate hot water load, ie NMIs with PV and hot water have three separate data streams, NMIs without PV or hot water have just one data stream. If this work is being done in conjunction with/for AEMO's forecasts, this data may be a good place to start in SA. Of course, it may be that CSIRO just obtains the data directly from AEMO for their required definitions, and that would be fine with us. Our Revised proposal submission is lodged on 10 December 2019. I am happy to discuss this further after that date.		

Submissions captured from out-of-session interactions - CLOSED

Submission	Date Raised	Topic	Raised by	Possible action	Responsibility	Status
3	17/10/2019	MT PASA Graphs – size of USE by month seems unusually large for winter (see email below)	Ron Logan	Request was for AEMO to assess performance of its MTPASA reliability forecasts given unusually large USE values observed in charts.		**CLOSED** AEMO clarified that the graphs in question showed (for the periods where USE occurred) the range of half-hourly USE outcomes for the month. They simply show the size of USE events when they occurred, but not how likely they were to occur. In the examples provided, the largest expected USE for the month was 5.7 MWh, or 0.00001% of annual demand. It therefore has an immaterial impact on the reliability standard and variations from week to week simply reflect dynamic maintenance scheduling and changes in inputs.

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4a	17/10/2019	Grid delivered energy Q32019 vs Q3 2018 (see email below)	Ron Logan	Monitor monthly energy consumption by region, and check the range of forecasts across scenarios captures the possibility of smelter closures.	**AEMO**	**CLOSED** AEMO continuously monitors consumption on a monthly basis. AEMO also confirms that the slow change scenario includes possibility of closures.