

# GENERATION INFORMATION GUIDELINES

Notice of final instrument and response to submissions

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## 1. FINAL GENERATION INFORMATION GUIDELINES

AEMO published final Generation Information Guidelines (Guidelines) on 23 July, 2020, consistent with clauses 3.7F(e) and 11.117.3(a) of the National Electricity Rules (NER).

The final Guidelines are unchanged from the Draft Guidelines<sup>1</sup>, which were published on 5 May, 2020.

## 2. SUBMISSIONS RECEIVED

AEMO received one submission in response to the Draft Generation Information Guidelines and the accompanying Discussion Paper, from Ergon Energy Retail (Energy Queensland).<sup>2</sup>

### 2.1 Issues raised in submissions

Energy Queensland's submission sought clarity on the exact nature of data provided in the Scheduled Capacities Tab of AEMO's Generation Information Page and the relationship of this data to that used in the Medium-term Projected Assessment of System Adequacy (MT PASA).<sup>3</sup>

### 2.2 Response to issues raised

The summer and winter capacity values provided in the Generation Information file are the capacities associated with the conditions of 10% probability of exceedance (POE) demand events.

However, there is not a single temperature threshold or weather pattern that drives 10% POE demand events. Furthermore, the response of generator capacity to temperature is complex, with potential dependencies on other variables such as humidity, temperatures in the hours preceding a period, or even weather conditions the day before.

Given the complexity of these relationships, AEMO considers that the current reference temperatures represent a reasonable approximation of the conditions associated with 10% POE demand events and does not consider that forecast accuracy would be improved by refining the temperatures to reflect the potential for peak to move later in the day.

AEMO monitors the accuracy of the seasonal capacities through the Forecast Accuracy Report and considers that the current approach to assessing 10% POE capacity is an adequate approximation, particularly when supplemented by the new approach to typical summer capacity.

For clarity, AEMO collects both the winter and summer capacities at the time of 10% POE demand conditions, as well as an additional value which reflects regular summer capacity.

Generators should consider that the methodology for reflecting the impact of temperature deratings is consistent when submitting PASA availability and providing seasonal ratings in the Generation Information process.

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<sup>1</sup> All materials related to this consultation, including AEMO publications and stakeholder submissions, are available at: <https://aemo.com.au/en/consultations/current-and-closed-consultations/generation-information-guidelines>.

<sup>2</sup> Energy Queensland, *Australian Energy Market Operator: Draft Generation Information Guidelines*, 10 June, 2020, available at: [https://aemo.com.au/-/media/files/stakeholder\\_consultation/consultations/nem-consultations/2020/generation-information/submissions-draft-guidelines/ergon-energy-retail-response-to-aemo-draft-generator-information-guidelines.pdf?la=en](https://aemo.com.au/-/media/files/stakeholder_consultation/consultations/nem-consultations/2020/generation-information/submissions-draft-guidelines/ergon-energy-retail-response-to-aemo-draft-generator-information-guidelines.pdf?la=en)

<sup>3</sup> Ibid, 1.