
Standing information request for 2020

January 2020

Information request to registered participants in
accordance with NER clause 3.13.3A(d)

Important notice

PURPOSE

AEMO publishes the National Electricity Market Electricity Statement of Opportunities (ESOO) under clause 3.13.3A of the National Electricity Rules (NER). To facilitate the accuracy of the ESOO, including the Reliability Forecast produced to meet the requirements NER 4A.B.4(b), and for the benefit of stakeholders overall, AEMO will request information from Registered Participants in accordance with NER clause 3.13.3A(d). This document outlines the information requested in 2020 and when this data should be submitted to AEMO.

DISCLAIMER

This document or the information in it may be subsequently updated or amended. This document does not constitute legal or business advice, and should not be relied on as a substitute for obtaining detailed advice about the National Electricity Law, the National Electricity Rules, or any other applicable laws, procedures or policies. AEMO has made every effort to ensure the quality of the information in this document but cannot guarantee its accuracy or completeness.

VERSION CONTROL

Version	Release date	Changes
1	31/1/2020	Initial publication

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1. Background

1.1 Purpose

To facilitate the accuracy of the Electricity Statement of Opportunities (ESOO), including the recently-introduced reliability forecast requirements under the National Electricity Rules (NER), AEMO requests information from Registered Participants in accordance with NER clause 3.13.3A(d). Information required to support the ESOO is requested and collected through a number of processes, including generation surveys and key connection information¹, the demand side participation information portal², this Standing Information Request and ad-hoc information requests.

At its Forecasting Reference Group meeting³ in November 2019, AEMO presented an outline of some of the information planned to be sought through the 2020 Standing Information Request. Following further consideration, this document outlines the standing information AEMO will request from Network Service Providers (NSPs) and registered Generators in 2020.

1.2 Compliance requirement

The standing information in this document is requested in accordance with NER clause 3.13.3A(d) and the Interim Reliability Forecast Guidelines, clause 3.3.2.⁴

Under NER clause 3.13.3A(e), a Registered Participant must comply with an information request in accordance with the Interim Reliability Forecast Guidelines, clause 3.3.3. This includes responding within the relevant time specified in this request, identifying any confidential information, and taking steps to ensure the information complies with NER clause 3.13.3A(g), namely that it is:

- (1) not false or misleading in a material particular;
- (2) in relation to information of a technical nature, is prepared in accordance with good electricity industry practice; and
- (3) represents the Registered Participant's current intentions and best estimates.

1.3 Structure of this document

In this document:

- Section 2 presents the 2020 standing information sought from registered NSPs.
- Section 3 presents the 2020 standing information sought from registered Generators.

¹ In accordance with the Generation Information Guidelines available at: <https://www.aemo.com.au/energy-systems/electricity/national-electricity-market-nem/nem-forecasting-and-planning/forecasting-and-planning-data/generation-information>

² In accordance with the Demand Side Participation Information Guidelines available at: <https://www.aemo.com.au/Electricity/National-Electricity-Market-NEM/Planning-and-forecasting/Demand-Side-Participation-Information-Guidelines>

³ See: <https://www.aemo.com.au/Stakeholder-Consultation/Industry-forums-and-working-groups/Other-meetings/Forecasting-Reference-Group>

⁴ Available at: https://www.aemo.com.au/-/media/files/stakeholder_consultation/consultations/nem_consultations/2019/interim-reliability-forecast-guidelines/interim-reliability-forecast-guidelines.pdf

2. Information Request for registered NSPs

The following outlines the information requested under NER clause 3.13.3A(d) by registered network service providers (NSP).

2.1 Large transmission/distribution connected load information

2.1.1 Information requested

AEMO will send all NSPs a list of its current information about their large customers. AEMO requests each NSP to:

- Validate AEMO's list of existing large customers (>5 MW potential peak⁵)
- Inform AEMO of committed changes (new loads or closures) to this list
- Inform AEMO of possible changes (new loads or closures)

Note that for Jurisdictional Planning Bodies, the information is requested under NER clause 3.13.3A(c).

2.1.2 Timeline for providing this information to AEMO

AEMO will provide the NSPs with its current list by 31 January 2020 and requests the information above by the 28 February 2020.

2.1.3 Reason for the request

This information is requested to improve the quality of AEMO's large industrial load forecast, in particular by acting as a key source of information for ensuring that AEMO includes all known changes to large customer loads.

⁵ This will include large loads like desalination plants that may not operate all years, but has the potential to exceed this level when operating.

3. Information Request for registered Generators

The following outlines the information requested under NER clause 3.13.3A(d) by registered scheduled and/or semi-scheduled generators as specified below.

The main reason for this request is for AEMO to collect and use information about generating unit auxiliary loads and outage rates and publish information about these in accordance with NER 3.13.3A(a)(8).

3.1 Forced outage information

3.1.1 Information requested

AEMO requests the same historical forced outage information as requested for 2019, that is for scheduled generators to update the timing and classification of outages at each scheduled unit over the previous 12 months. After receiving this information, AEMO will update its calculations of forced outage parameters and provide this information back to each generator operator. Participants are then provided the opportunity to propose amendments to the calculated outage parameters. If these proposals are substantiated with evidence that the historical performance is not reasonable as a forward-looking projection AEMO may amend the outage parameters.

AEMO is also looking to improve upon forward looking projections of generator performance, particularly when strong trends are observed in historical data. Therefore, in addition to the data described above, AEMO may request specific generators to provide additional information related to their budgeted or forecast reliability of those stations. Generators required to submit this additional information will be contacted separately.

3.1.2 Timeline for providing this information to AEMO

AEMO requests that scheduled generators provide the requested information by 30 April 2020. Further requests (where required) for forward looking projections will be sent out in May 2020.

3.1.3 Reason for the request

Forced outage information is requested in order to provide the data required to assess plant specific reliability. Additional information requested from nominated generating systems is required to allow AEMO to assess the potential changes to forward-looking plant reliability, where there is reason to believe it could differ from the recent historically observed reliability.

3.2 Generating unit auxiliary load

3.2.1 Information requested

AEMO is requesting all existing and committed scheduled and semi-scheduled generators to provide an expected auxiliary load (as a percentage of generation). This value should reflect expected auxiliary load when a generator is at maximum output.

3.2.2 Timeline for providing this information to AEMO

The information is to be provided through AEMO's generator survey process⁶, and must be submitted before 6 April 2020 to feed into AEMO's April Generation Information Page update.

3.2.3 Reason for the request

Auxiliary load percentage is used in AEMO's PLEXOS market modelling process to simulate auxiliary load at any point in time across the forecast horizon, and therefore determine the volume of generation available to be "sent-out" to the grid. This is also used to convert AEMO's demand forecasts that are prepared on "sent-out" demand to "as-generated" demand (the definitions used in the one-in-two year peak demand forecast AEMO must provide under the RRO).

⁶ For more information, see 3.1(d) in the Interim Generation Information Guidelines available at: https://www.aemo.com.au/-/media/files/electricity/nem/planning_and_forecasting/generation_information/interim-generation-information-guideline.pdf