# FURTHER INFORMATION – AEMO PROCEDURE CHANGE WORKING GROUP (WEM)

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| RELEVANT MEETING: | AEMO Procedure Change Working Group (WEM) Meeting 5 |
| DATE OF PUBLICATION OF MEETING OUTCOMES: | Friday, 20 April 2018 |
| DATE FURTHER INFORMATION PROVIDED TO WORKING GROUP: | 7 January 2019 |

## 1. GENERAL

In the meeting outcomes for the WEM AEMO Procedure Change Working Group on Friday, 20 April 2018 regarding the draft Power System Operation Procedures for Short Term PASA, Medium Term PASA and Commissioning Tests, AEMO indicated a number of areas which it would seek to clarify in the draft Procedures. This document provides updated information.

The meeting outcomes are available at: http://aemo.com.au/-/media/Files/Stakeholder_Consultation/Working_Groups/WA_Meetings/WEM-APCWG/2018/WEM-APCWG-20-April-2018---Meeting-Outcomes.pdf.

## 2. UPDATED INFORMATION REGARDING PASA

The following indicates more substantive variations or departures from the meeting outcomes which are captured in the revised draft Procedures for Short Term and Medium Term PASA attached to this document:

1. Step 3.1: AEMO will direct all Participants that the information specified in clause 3.16.4 (and 3.17.5) of the WEM Rules is not required. As such, AEMO will identify what, if any, information is required from Participants and will make specific requests. AEMO has assessed whether the specific requests AEMO may make can be clarified in the Procedure. However, due to the range of scenarios, AEMO has been unable to provide any further specificity. AEMO welcomes comments on this matter.
2. Step 3.1: When issuing a direction under step 3.1, AEMO intends to provide an ongoing request specifying all relevant timeframes for Participants to respond. Though these timeframes will vary depending upon the situation, a minimum timeframe can be specified to provide further clarity to Participants. AEMO has updated the Procedure to require a minimum timeframe of 5 Business Days.
3. Stakeholders indicated that the proposed Procedure doesn't indicate the workings in detail and questioned whether the Procedure should reference the methodologies used. AEMO has updated the draft Procedure to require AEMO to publish methodologies used in preparation of the PASA study. These methodologies must detail:
   a) Relevant assumptions related to the aggregation of data for the PASA Study;
   b) The peak load forecast where this must include:
      a. daily, weekly and monthly demand patterns;
      b. weather conditions; and

c. significant loads; and
d. assumptions regarding block loads.

c) The determination of transmission constraints between potentially constrained regions;
d) The allowance for the availability of Non-Scheduled Generation where this must vary seasonally and be differentiated by fuel type; and
e) The allowance for the availability of Demand Side Programmes.

4. Step 4.1: Stakeholders questioned how intervals are aggregated. Specifically, if the Reserve Margin is zero for the interval, whether it is zero for the relevant PASA horizon. This detail will be included in the methodology.
5. Stakeholders requested that the Procedure define assumptions AEMO will use. AEMO has revised the Procedure to indicate base-level assumptions which must be included in each methodology and PASA study.

## 3. UPDATED INFORMATION REGARDING COMMISSIONING TESTS

Stakeholders are encouraged to review the following documents from the workshop held on 22 May 2018 which covered all issues detailed in the meeting outcomes:

- Papers: http://aemo.com.au/-/media/Files/Stakeholder_Consultation/Working_Groups/WA_Meetings/WEM-APCWG/2018/AEMO-Workshop-on-commissioning.pdf
- Workshop outcomes: http://aemo.com.au/-/media/Files/Stakeholder_Consultation/Working_Groups/WA_Meetings/WEM-APCWG/2018/WEM-workshop-on-commissioning-22-May-2018---Meeting-Outcomes.pdf

The following provides background explanatory information on Commissioning Tests:

| | Description and example | Participant action | AEMO action |
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| Activity | A part of a Commissioning Test.<br>E.g. ramping up or down, steady output. | N/A | N/A |
| Commissioning Test | A series of activities which confirm the ability of a generating system to operate at different levels of output reliably.<br>E.g. a ramping test, a trip test, tests required by the Technical Rules. | Comply with Dispatch Instruction. | Cancel or defer. |
| Commissioning Test Plan (CTP) | A series of Commissioning Tests that occur during a Commissioning Test Period.<br>E.g. seven days of Commissioning Tests.<br>Note that alternate Commissioning Test Plans can be approved (see step 2.2.5 of the Procedure). | 1. Ensure CTPs are approved.<br>2. Bid in accordance with relevant CTP.<br>3. Indicate which CTP is enabled (see step 2.4.2 of the Procedure). | 1. Approve or reject.<br>2. Issue Operating Instruction for Commissioning Test Period (note this is not revoked when a Commissioning Test is cancelled or deferred – see step 2.3.5 of the Procedure). |