

# MEETING OUTCOMES – AEMO WEM PROCEDURE CHANGE WORKSHOP

MEETING: AEMO WEM Procedure Change Workshop  
 DATE: Monday, 26 June 2017  
 TIME: 1.30 pm – 3.00 pm (AWST)  
 LOCATION: AEMO Perth Boardroom

**ATTENDEES:**

<b>NAME</b>	<b>COMPANY</b>
Dean Frost	Western Power
Ross Glossop	Tesla
Brad Huppatz	Synergy
Susanna Floth	SkyFarming
Andrew Woodroffe	SkyFarming
Patrick Peake	Perth Energy
Wendy Ng	ERM
Sara O'Connor	ERA
Steve Gould	Community Electricity
Krystof Rezek	CleanTech Energy
Ignatius Chin	Bluewaters
Tim Rosser	Blair Fox
Mark Riley	AGL (dial-in)
Greg Ruthven	AEMO
Matthew Fairclough	AEMO
Amanda Niklaus	AEMO
Andrew Winter	AEMO
Mark Katsikandarakis	AEMO
Martin Maticka	AEMO
Phil Kelloway	AEMO
Teresa Smit	AEMO
Rebecca Petchey	AEMO

## 1. Welcome

## 2. Procedure Change Proposal for Market Procedure - Individual Reserve Capacity Requirements

- Question – Step 1.1: Why was the text under step 1.1 deleted?

Answer – The new format numbers all text, and has introduced an expanded Procedure Overview section. The text has generally been moved to step 1.3.

- Question – Step 1.1.1: Why the change from ‘made’ to ‘developed’?

Answer – “Developed” is the preferred term.

- Question – Step 1.1.2: Should not the date refer to 1 October 2017?

Answer (question taken on notice during the meeting and response now provided) – AEMO agrees and will update the Procedure accordingly.

- Question – Step 1.2.2: What is the ‘Initial IRCR’?

Answer – The WEM Rules differentiate between the processes (including timing) for determining the IRCR for the first month in the Capacity Year (the ‘Initial IRCR’) from the processes for subsequent months (the ‘Updated IRCR’).

- Question – Step 2.1: Why were the old steps 1.7.2, 1.7.3, and 1.7.4 deleted?

Answer – This information is reiterated throughout steps 2.1.1 and 2.1.3.

- Question – Step 2.2.1: Is a fixed timeframe required to ensure the process does not fail?

Answer (question taken on notice during the meeting and response now provided) –The existing Procedure requires, in Table 2, that AEMO determines if adequate information is provided by the Market Customer within 3 business days of provision. AEMO has removed this restriction to allow for flexibility in assisting Market Participants to ensure the information submitted is correct prior to proceeding with the NTDL assessment. Market Participants must provide the relevant information for the NTDL assessment 25 Business Days prior to the IRCR month for which the application applies. Providing AEMO with only 3 Business Days to validate the information provided would leave no scope for AEMO to query and resolve an issue with the Market Participant, if these fall after the deadline of 25 Business Days before the IRCR month applies. AEMO considers that removing this timeline offers more flexibility for AEMO to assist Market Participants in providing the right information after the deadline.

## 3. Procedure Change Proposal for Market Procedure - Undertaking the Long Term PASA and Conducting a Review of the Planning Criterion

- Question – Step 1.2.2: Please clarify the definition of Operational Consumption.

Answer – This term is used to align with the term used in planning documents prepared for the National Electricity Market. The value calculated is identical to the previous term of sent-out generation. AEMO will clarify the definition to indicate that the value excludes, and does not double count, the effect of rooftop PV.

- Question – Step 2.7.2: Is there conflict with step 2.7.4?

Answer – Step 2.7.2 relates to the economic scenarios that must be prepared, while step 2.7.4 relates to the explanatory variables used to develop these scenarios. AEMO will clarify this in the Procedure.

- Question – Step 2.10.2: Does the term “input information” need clarity?

Answer (question taken on notice during the meeting and response now provided) – The text in step 2.10.2(a) repeats clause 4.5.13 of the WEM Rules, and AEMO would prefer to maintain consistency between the WEM Rules and the Procedure.

#### **4. Procedure Change Proposal for Market Procedure – IMS Protocol**

- Question – Table 1: Transmission network and connection point topology indicates ‘access to Western Power’s GIS systems at all times’. Please explain who runs what and what is run?

Answer – Western Power’s Geographical Information System (GIS) is currently made available to AEMO by Western Power. The GIS is not the primary operation tool for the SWIS. The GIS provides network equipment locations in geographical format showing the pathways of lines, and positions of network substations and other facilities on a map background. To assist operation of the SWIS visual overlays can be provided to show the location of storm activity, cloud fronts, lightning strikes, bushfires and other environmental factors that could indicate changes to the risks affecting the operation of the SWIS. Western Power’s SCADA/EMS, which is also currently made available to AEMO from Western Power, is the primary tool used for operation of the SWIS. AEMO suggests that further questions on this can be raised at the Generator Forum.

- Question – Does the protocol in step 2.3 include real-time telemetry units (RTUs)?

Answer – The Inter Control Centre Protocol (ICCP) referred to in step 2.3 only relates to SCADA derived data. ICCP provides two-way transfers of real-time SCADA data and controls between SCADA Master Stations in different control centres. ICCP is separate from the communications between one or more SCADA Remote Terminal Units (within Networks and other Facilities) and a SCADA Master Station in a control centre.

#### **5. Procedure Change Proposal for Market Procedure – PSOP Network Data Modelling**

- Question – Does this Procedure include generator modelling data?

Answer – No, the PSOP refers to Network Modelling Data only. AEMO does not have powers to request generator modelling data. The Minister for Energy is considering a rule change regarding this issue.

#### **6. Procedure Change Proposal for Market Procedure – Reserve Capacity Performance Monitoring**

- Question – Step 1.2.2: Does “Good industry practice” need to be defined?

Answer (question taken on notice during the meeting and response now provided) – After consideration, AEMO has removed this definition from the Procedure.

- Question – Step 2.1.4: WEM Rule 4.27.3A indicates that AEMO may consult with System Management. Why was this not included?

Answer – Since System Management is now part of AEMO, the term AEMO includes System Management. AEMO considers that this is a WEM Rule drafting error that is likely to be rectified.

- Question – Step 2.1.5: How can the relevant Participant be reassured that costs are reasonable?

Answer (question taken on notice during the meeting and response now provided) – Step 2.1.5 repeats the WEM Rules. As this is a new requirement to commence on 1 October 2017, it is difficult to foresee any actions required and therefore define limits of ‘reasonableness’. AEMO invites stakeholders to make formal submissions and suggest drafting on this issue.

- Question – Step 4.2.8: Is ‘Authorised Officer’ a defined term?

Answer – The term is defined in the Glossary of the WEM Rules.

- Question – Step 4.3.5: Should AEMO's 'reasonable steps' be defined?

Answer (question taken on notice during the meeting and response now provided) – It is difficult to foresee any actions required and therefore define limits of 'reasonableness'. AEMO invites stakeholders to make formal submissions and suggest drafting on this issue.

- Question – Step 4.4.6: Can a website link be added?

Answer (question taken on notice during the meeting and response now provided) – AEMO has added a link to the Procedure.

## 7. General

- Question – Who is the approver Peter Geers?

Answer – As part of integrating functions, the WA Operations and Technology group (including the System Capacity and Market Operations teams) now report to Peter Geers, the Executive General Manager Markets, who is based in Brisbane.

- Question – Did AEMO publish a new structure?

Answer – AEMO has provided information on the restructure to heads of Participant organisations.

- Question – What does the 'AEPC' reference refer to?

Answer – The Market Procedure: Procedure Administration at step 2.3.2 defines the reference number to be quoted on submissions related to AEMO's WEM (i.e. Electricity) Procedure Change Proposals to be "AEPC\_YYYY\_ID". This includes AEMO's function as System Management.

- Question – Will settlement information arising from the WEM Rules gazetted on 31 May 2016 be published?

Answer – Please refer to next RCM Forum.

- Question – Can AEMO provide an explanation of where text has been moved within the Procedure?

Answer – AEMO has shown amendments to the procedures in 'tracked changes' mode, which it considers provides sufficient information for stakeholders.

- Question – Should 'clause' in the Procedures be 'Clause'?

Answer – The term 'clause' is not defined in the WEM Rules or the Electricity Act. The Procedures refer specifically to 'Clause' within bold square brackets as a reference to the WEM Rules included for convenience only. Refer to step 1.1.2 of each Procedure.

## 8. Next meeting

Stakeholders will be advised of the date for the next Workshop, which will be the first meeting of the AEMO WEM Market Procedure Working Group.