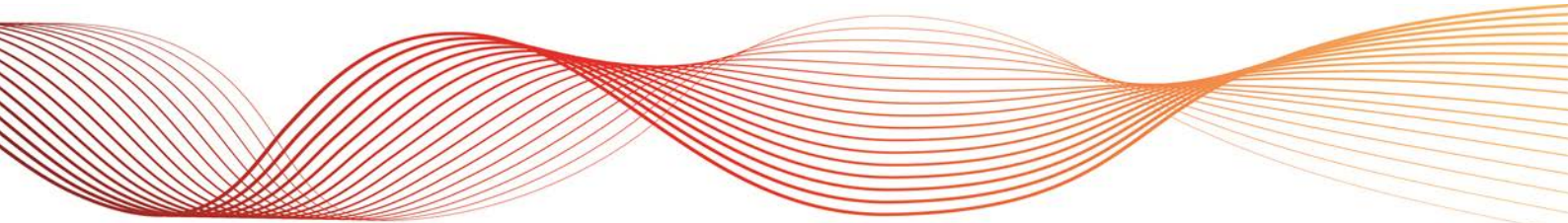# WEMS 3.18 (BUILD 1183-5) RELEASE NOTES

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IMPORTANT NOTICE

Purpose

The Australian Energy Market Operator has prepared this document to provide information about the Wholesale Electricity Market System (WEMS) 3.18 (Build 1183-5) release, as at the date of publication.

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VERSION RELEASE HISTORY

Version	Effective Date	Summary of Changes
1.0	9/9/2016	Document Creation
1.1	27/9/2016	Addition of WEMS-6456, WEMS-6454 and WEMS-6451

DOCUMENT APPROVAL

Name and Position	Date
Mark Katsikandarakis A/Group Manager, Operations and Technology (WA)	27 September 2016

CONTENTS

1.   INTRODUCTION

These are the release notes for WEMS 3.18 (Build 1183-5). This release includes a number of changes to AEMO's WA market systems driven by the WA State Government's Electricity Market Review (**EMR**). This release also addresses a number of important issues which are discussed in the sections below.

2. ELECTRICITY MARKET REVIEW: RESERVE CAPACITY MECHANISM

This release introduces a change to the Non-Dispatchable Load (**NDL**) association processes for Demand Side Programmes (**DSP**). This is described in the section below.

NDL Association for DSPs (WEMS-6367)

For DSP NDL association changes performed on Trading Day 1 October 2016 onwards, additional validation has been implemented in WEMS so that NDLs which are associated with a DSP which has passed a verification test will not be able to be associated with other DSP. Refer to Market Rule 2.29.5E(f) which will become effective on 1 October 2016.

Please note that the other conditions specified under Market Rule 2.29.5E(f) will not be triggered after a DSP passes its verification test. These include a DSP passing a Reserve Capacity Test or if any part of the Reserve Capacity Security associated with a DSP is returned or relinquished.

3.   OTHER CHANGES

Retirement of imowa.com.au URLs (WEMS-6418)

The following table summarises the retirement of URLs in this release. The valid URLs have been available to participants in production since November 2015.

Retired URL	Valid URL
wems.imowa.com.au	wems.aemo.com.au
wems-mkt.imowa.com.au	wems-mkt.aemo.com.au
wems-pte1.imowa.com.au	wems-pte1.aemo.com.au
wems-pte2.imowa.com.au	wems-pte2.aemo.com.au

Market Participants who use web services to participate in the WEM will need to ensure that the valid URLs are used.

DSP Verification Testing (WEMS-6368)

In the first two months of each Capacity Year, each DSP must undertake a Verification Test under Market Rule 4.25A. DSPs are required to demonstrate that they are able to reduce their consumption by at least 10% of their Capacity Credits, measured against their Relevant Demand. If a DSP fails this test, AEMO must reduce the Capacity Credits assigned to the DSP to zero.

The Verification Test is currently a manual process undertaken by AEMO. In an effort to streamline and improve internal processes, the Verification Test has been systemised in WEMS 3.18.

4.   RESOLVED ISSUES

	Reference	Summary	Problem
●	WEMS-6409	The MPI and Data Website does not display the Capacity Credits for a specific facility.	The code responsible for displaying the Capacity Credit values incorrectly excluded a facility. The issue has been rectified and the MPI and Data Website both display the missing value. The underlying Capacity Credit value was correct and there was no material impact on the operation of the market.
●	WEMS-6456	NDL association failed when it covers a future period which has been terminated.	When participants attempt to create NDL association change request for a NDL which has a terminated future dated associations, the creation process failed due to incorrect validation. This validation has been modified to allow the change request to be created.
●	WEMS-6451	NDL termination failed when it has multiple active contracts in the future.	When AEMO attempts to approve a NDL termination change request for NDLs which have multiple active contracts in the future, the approval process failed due to incorrect validation. This validation has been modified to allow the change request to be approved.
●	WEMS-6454	Non-Balancing merit order report performance slow on specific trade dates	Performance of EM_NonBalDispMeritOrder report was not acceptable for certain trade dates. This issue has been rectified and the overall performance has been improved.

Status	
●	Internal changes
●	Minimal or no impact to Market Participants
●	Needs Market Participants' attention. Potentially requires system or operational procedure changes

MEASURES AND ABBREVIATIONS

Abbreviations

Abbreviation	Expanded name
AEMO	Australian Energy Market Operator
DSP	Demand Side Programme
EMR	Electricity Market Review
MPI	Market Participant Interface
MR	Market Rule
NDL	Non-Dispatchable Load
URL	Uniform Resource Identifier
WEM	Wholesale Electricity Market
WEMS	Wholesale Electricity Market System

GLOSSARY

Term	Definition
Capacity Credit	A notional unit of Reserve Capacity provided by a facility during a Capacity Year.
Capacity Year	A period of 12 months commencing at the start of the Trading Day which commences on 1 October and ending on the end of the Trading Day ending on 1 October of the following calendar year.
Data Website	Means http://data.wa.aemo.com.au/
Verification Test	The process of testing DSPs in accordance with MR 4.25A.1