



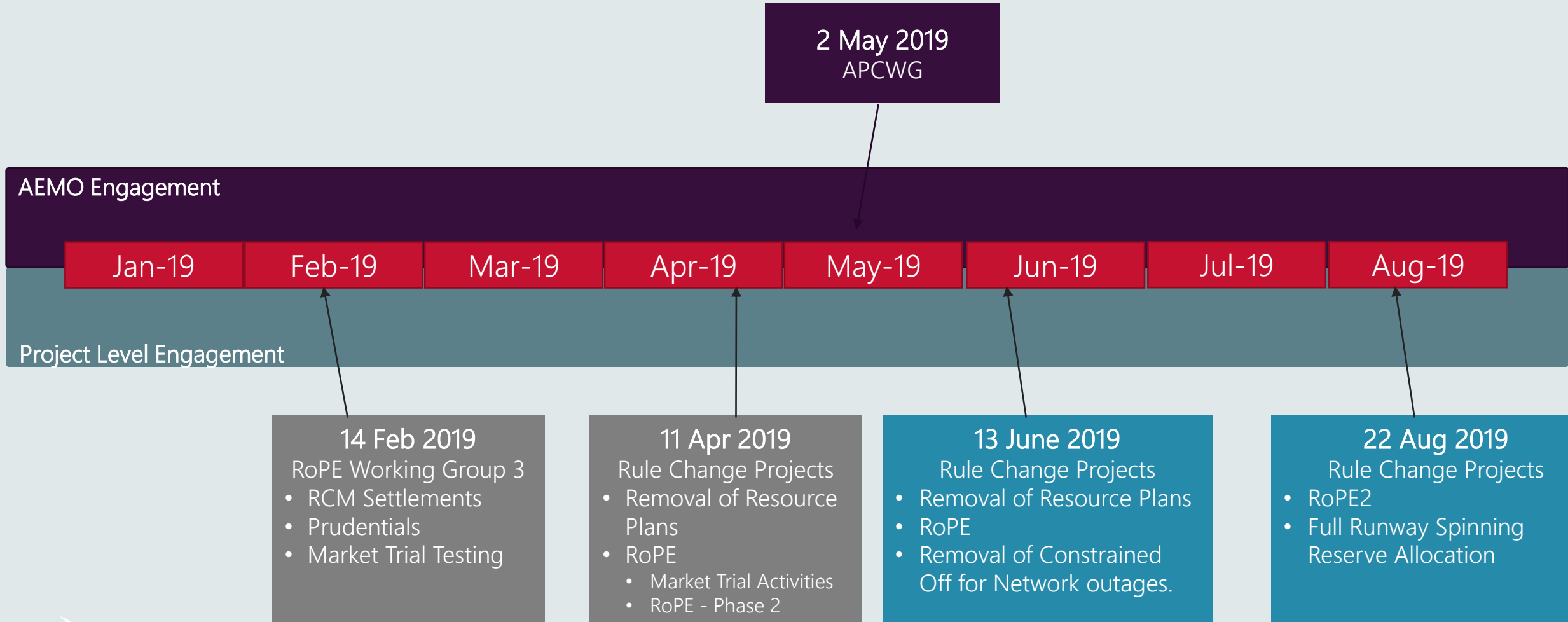
WEM Rule Change Working Group

13 June 2019

Agenda

1. RC_2018_07 – Removal of Constrained Off compensation for Network outages
2. RC_2014_06 – Removal of Resource Plans
3. RC_2017_06 – Reduction of Prudential Exposure in the RCM

Rule Change Projects Working Group Stakeholder Engagement



Rule Change Projects Working Group Previous Working Groups

The information packs from previous meetings can now be obtained from the AEMO website.

This slide pack will be uploaded after this meeting.

The screenshot shows a web page titled "WEM RULE CHANGE WORKING GROUP". The page has a navigation bar at the top with links for "STAKEHOLDER CONSULTATION", "INDUSTRY FORUMS AND WORKING GROUPS", "WA MEETINGS AND ACTIVITIES", and "WEM RULE CHANGE WORKING GROUP". A "SHARE THIS PAGE" icon is also present. The main content area is divided into two columns. The left column, under the heading "In this section", lists several forums and working groups, with "WEM Rule Change Working Group" highlighted. The right column contains text explaining the purpose of the working group and listing its activities. Below this, there is a section for "For Further Information" with contact details. At the bottom, there is a table titled "RECORDS OF WEM RULE CHANGE MEETINGS" with two rows of data.

STAKEHOLDER CONSULTATION | INDUSTRY FORUMS AND WORKING GROUPS | WA MEETINGS AND ACTIVITIES | WEM RULE CHANGE WORKING GROUP | SHARE THIS PAGE

WEM RULE CHANGE WORKING GROUP

In this section

WA Meetings and Activities

- WA Electricity Consultative Forum (WAEFCF)
- WA Gas Consultative Forum (WAGCF)
- WA Generator Forum (WAGF)
- WEM Rule Change Working Group**
- WEM AEMO Procedure Change Working Group

The purpose of the WEM Rule Change Working Group is for the operational or technology users to understand and learn about how changes to the WEM Rules will be implemented by AEMO in its changes to the WEM applications (i.e. WEMS, RCM, Settlements, Prudentials).

The working group will provide participants with:

- an overview of the projects including IT system design, release schedule, and interaction with stakeholders;
- detailed showcases of functionality changes;
- a chance to discuss Market Participant testing; and
- the opportunity to provide AEMO feedback on the design and useability of the systems.

For Further Information:

Please direct any queries regarding WEM Rule Change Working Group to WAelectricityforum@aemo.com.au.

RECORDS OF WEM RULE CHANGE MEETINGS	
APRIL 2019	Reduction of Prudential Exposure Working Group
FEBRUARY 2019	Reduction of Prudential Exposure Working Group

<http://aemo.com.au/Stakeholder-Consultation/Industry-forums-and-working-groups/WA-Forums/WEM-Rule-Change-Working-Group>

RC_2018_07

Removal of Constrained Off compensation for Outages of network equipment

Presented by: Javier Acitores

RC_2018_07 – Removal of Constrained Off compensation Background

- This Rule Change Proposal seeks to remove the payment of compensation to Market Generators when their Balancing Facilities are dispatched downwards Out of Merit due to an outage of any network equipment.

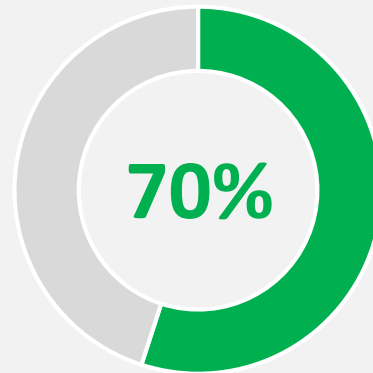
RC_2018_07 – Removal of Constrained Off compensation Project Status

Overall status



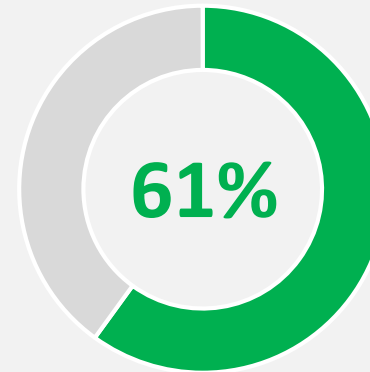
- G** Schedule – under control
- G** Cost – slightly ahead
- G** Scope - on track
- G** Resourcing – suitable
- G** Issues – under control
- G** Risk – under control

Progress



- Execution Stage**
- Required development for Rule Change complete.
 - Testing for settlement changes

Cost



- Project is on track

Count Down

Market Trial

11 June 2019

Production

25 June 2019

Deployments:

WEMS 3.31

- Market Trial: 11 Jun
- Production: 25 Jun

RC_2018_07 – Removal of Constrained Off compensation Approach

- The changes associated with this rule change are primarily internal to AEMO with minor changes to reports available to Market Participants.
- SM will issue a Retrospective Operating Instruction to the Balancing Facility being dispatched.
 - This Operating Instruction will be sent by the normal email mechanism before 12PM of the 1st BD after the end of the Trading Day.
 - This email will show a 'Network Equipment Outage' Instruction Type ('E' flag).
 - Facility not required to respond to this kind of Operating Instruction.

RC_2018_07 – Removal of Constrained Off System Changes

	Effective 1 July 2019
Power System Operations Procedures	<ul style="list-style-type: none">PSOP: Dispatch has been updated as part of AEPC 2019 04 and will come into effect on 9 July 2019
Market Operations Reports	<ul style="list-style-type: none">EM_OperatingInstruction: Addition of 'E' as a possible Reason flag.
Market Operations Web services	<p>https://wems.aemo.com.au/mpi/ws/reports/v7?wsdl</p> <ul style="list-style-type: none">getOperatingInstructionReport: Addition of 'E' as a possible <i>reasonFlag</i>.
Settlements	<ul style="list-style-type: none">For intervals where an operation instruction has been issued, OI_FLG_F will appear in the PIR. This flag will set the Out of Merit Generation to 0.

RC_2018_07 – Removal of Constrained Off System Changes

System Management will generate Operating Instructions to be sent via the normal email mechanism.

Note: An Operating Instruction of the type “*Network Equipment Outage*” does not need to be acknowledged.

<u>SWIS SYSTEM MANAGEMENT</u>	SMMITS Advice
	Network Equipment Outage Operating Instruction has been Issued. If you cannot comply with the instruction you must contact System Management immediately.
Participant Name:	GRIFFINP
Resource Name:	BW1_BLUEWATERS_G2
Instruction ID:	201906121001
Instruction Creation Timestamp:	13-JUN-2019 11:10:00
Start Time:	12-JUN-2019 08:00:00
End Time:	13-JUN-2019 07:59:00
Instruction Type:	Network Equipment Outage
Target MW:	
Instruction Comment:	Facility has been constrained due to a Network Equipment Outage. For further info please contact SM Ops on 1300 989 797, Opt. 2
This message was generated by System Management's Market IT System (SMMITS) - If you have any questions regarding it, they should be directed to System Management Operations.	
Email: wa.sm.operations@aemo.com.au or Telephone: +61 1300 989 797 option 2	

RC_2018_07 – Removal of Constrained Off System Changes

MPI Report:

The screenshot displays the WEMS (wholesale electricity market system) MPI Report interface. The top navigation bar includes links for Home, Notifications, Energy Market, Reserve Capacity, Balancing, LFAS, Registration, Settlements, Reports, Configuration, Help, and Logout. The user is logged in as IMOWA_MC@IMOWA. The report is titled "EM_OperatingInstruction" and is filtered by "By Report". The description is "Operating Instructions". A table of parameters shows "Max days" as 31 and "Earliest date" as 08/07/2012. The start date is 01/01/2020 and the end date is 31/01/2020. The participant is NEWGEN. The main table lists one record with the following details:

PARTICIPANT	FACILITY	START TIME	END TIME	OPERATING ID	ISSUED AT	QUANTITY (MW)	REASON FLAG	NCS CONTRACT ID	COMMENTS
NEWGEN	NEWGEN_KWINANA_CCG	22/01/2020 08:00:00	23/01/2020 06:59:00	201905221001337	21/01/2020 12:16:02		E		UAT - E flag for SG (NEWGEN_KWINANA_CCG1) all day long

Web service:

```
<rows id="4">
  <startTime>2020-01-22T08:00:00+08:00</startTime>
  <endTime>2020-01-23T06:59:00+08:00</endTime>
  <operatingId>201905221001337</operatingId>
  <participant>NEWGEN</participant>
  <facility>NEWGEN_KWINANA_CCG1</facility>
  <issuedAt>2020-01-21T12:16:02+08:00</issuedAt>
  <reasonFlag>E</reasonFlag>
  <comments>UAT - E flag for SG (NEWGEN_KWINANA_CCG1) all day long</comments>
</rows>
```

RC_2014_06

Removal of Resource Plans and Dispatchable Loads (RRP)

Presented by: Rick Dolling

RC_2014_06 - RRP Background

Rule Change RC_2014_06 was introduced by IMO to remove components of the WEM Rules that provided little function following the introduction of the Balancing Market.

The effective date of the Rule Change is 1 July 2019.

The key changes introduced in this Rule Change that require changes to WEMS are:

- Removal of Resource Plans for the Market Rules;
- Extension of the STEM Submission window by one hour;
- Removal of the Dispatchable Load Facility Class from the Market Rules; and,
- Extension of the Balancing Horizon at 1PM.

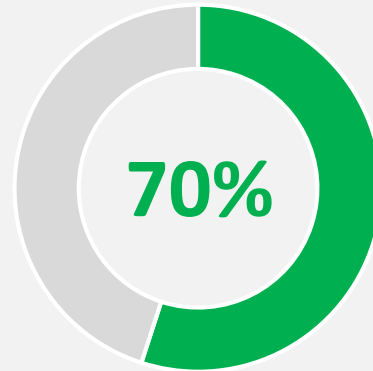
RC_2014_06 - RRP Project Status

Overall status



- G** Schedule – under control
- G** Cost – slightly ahead
- G** Scope - on track
- G** Resourcing – suitable
- G** Issues – under control
- G** Risk – under control

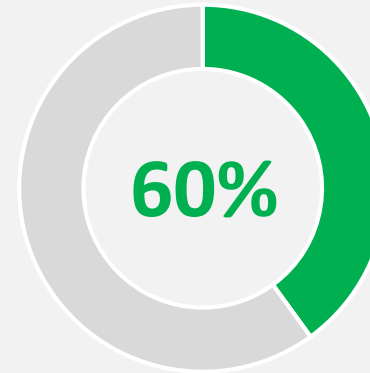
Progress



Execution Stage

- Required development for Rule Change complete.
- Development of a changes to remove unused code underway for a second release in July. (WEMS 3.32)
- Testing for settlement changes
- Market Procedures complete.

Cost



- Project is on track

Count Down

Market Trial

11 June 2019

Production

25 June 2019

Deployments:

WEMS 3.31

- Market Trial: 11 Jun
- Production: 25 Jun

WEMS 3.32

- Market Trial: 26 Jun
- Production: 10 Jul

RC_2014_06 - RRP

Market Procedures

Procedures	Effective 1 July 2019
Market Procedures	<ul style="list-style-type: none">• Balancing Facility Requirements• Balancing Market Forecast• Certification of Reserve Capacity• Determination of DSM Dispatch Payment Tranches and Adjustments• Determining Loss Factors• Settlement
Power System Operations Procedures	<ul style="list-style-type: none">• Communication and Control Systems• Ancillary Services• Power System Security• Dispatch (<i>9 July</i>)

Note: All procedures have completed the consultation process and AEMO will publish the Final Procedure Change Report prior to the effective date. Further details available:

<https://www.aemo.com.au/Electricity/Wholesale-Electricity-Market-WEM/Procedures/Procedure-changes/AEMO-Procedure-Change-Proposals>

Removal of Resource Plans

AEMO has removed the functionality in its operational processes and IT systems to support the submission of Resource Plans.

AEMO has removed the Resource Plan standing and variation submission window from WEMS and Resource Plan publications and reports will be end dated from 1 July 2019.

The following reports have been updated:

- Resource Plan (EM_ResPlan) - This report will no longer be published.
- Resource Plan Standing Data Conversion (EM_RPStndConv) - This report will no longer be published.
- Metered Schedules and Resource Plan Information (PUB_MetSchAndResPlanInfo) - The Resource Plan information will not be populated.

Recommended and required actions:

Market Participants are encouraged to review operational practices and remove processes relating to Resource Plans.

RC_2014_06 - RRP STEM Timelines

The STEM Submission window has been extended one hour, to close at 10:50 AM instead of 9:50 AM.

Due to this extension, the STEM Auction will run at 11:00 AM and the results will be published at 11:15 AM.

The STEM Capacity Obligation is currently updated at 9:30AM and is therefore static, only showing STEM Submissions as at 9:30 AM. This report has been updated to be dynamic so that it will show the most up to date information when queried.

As a result of the STEM timeline changes, the following reports are now published daily at 11:15 AM for the next trading day:

- STEM Bids and Offers (EM_STEMBidsAndOffer)
- STEM Facility Declaration (EM_STEMResInfo)
- STEM Participant Net Bilateral Position and Declarations (EM_STEMPartInfo)
- STEM Portfolio Curve (EM_STEMPortCrv)
- STEM Summary Info (EM_STEMSummaryInfo)
- STEM Trade Results (EM_STEMResultPartInfo)

Recommended and required actions:

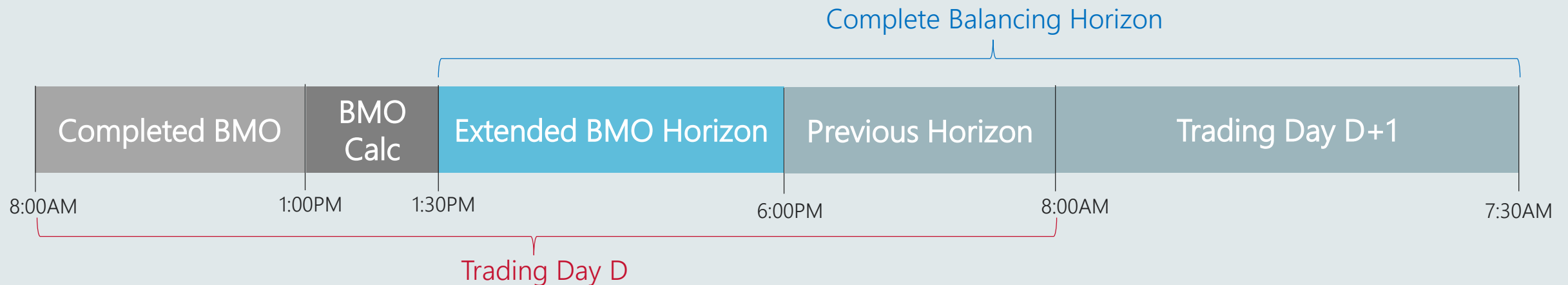
Market Participants are encouraged to review operational practices and to update to account for new STEM timelines.

RC_2014_06 - RRP Balancing Horizon

Due to Resource Plans being removed, AEMO will extend the Balancing Horizon earlier, at 1:00PM (previously 6:00PM). The BMO horizon will contain 85 intervals.

This will provide System Management with an earlier Forecast BMO to use for dispatch planning in lieu of Resource Plans.

The ability for a Market Participant to make a Balancing Submission (Variation and Standing) using Resource Plan Quantity will be removed, submissions using RPQTY and MAXCAP_MINUS_RPQTY will be rejected after 1 July 2019.



Recommended and required actions:

- Market Participants with a Standing Resource Plan submission using RPQTY and MAXCAP_MINUS_RPQTY are required to update their Standing submission prior to 1 July 2019.
- Market Participants are encouraged to review operational processes to account for the new Balancing Horizon.

RC_2014_06 - RRP

Removal of Dispatchable Loads

The RC_2014_06 Rule Change has removed the Dispatchable Load Facility Class.

Accordingly, the ability to register a facility in the Dispatchable Load Facility Class will be removed from the WEMS MPI on the effective date.

There has never been a Dispatchable Load registered in the WEM.

RC_2014_06 - RRP Public Data Site

Dataset	Changes
Facility	Facility Type field definition: remove Dispatchable Load type
Non Balancing Dispatch Merit Order	Merit Order Type field definition: remove Increase type
Load Summary	Resource Plan Generation will have value of 0 after RC_2014_06 effective date
STEM Summary	Modify Update Frequency to Daily at 11.30 (currently 10.30)

RC_2014_06 - RRP RCM Settlements (1)

CAPA – Capacity Available in STEM:

- Removal of RPAQ (end dated)
- Removal of Synergy Specific calculation

Current:

```
if (STEM_Suspension_Flag = 1)
  then
    RCOQLA
  elseif (Participant != SYNERGY)
    IXLRCOQ + STEMPOS + STEMOTY + RPAQ + ASQ + Max(0, IBSFO - RTFO)
  else
    IXLRCOQ + (2 x STEM_NCP) + STEMOTY + ASQ + Max(0, IBSFO - RTFO)
endif
```

New:

```
if (STEM_Suspension_Flag = 1)
  then
    RCOQLA
  else
    IXLRCOQ + STEMPOS + STEMOTY + ASQ + Max(0, IBSFO - RTFO)
endif
```

STEMPOS – STEM Effective Position:

- Removal of STEM_RPSF (end dated)

Current:

$2 \times (\text{STEM_NCP} - \text{STEM_RPSF})$

New:

$2 \times (\text{STEM_NCP})$

DSMDI – Dispatch Instruction in MWh for a DSP:

- Updated description to remove DL

Current:

Dispatch Instruction in MWh for a DSM Facility (DSP and Dispatchable Load).

New:

Dispatch Instruction in MWh for a DSP.

Changes to RCM Settlements will be introduced in RRP Release 2

RC_2014_06 - RRP RCM Settlements (2)

The following variables have been end dated:

Variable Name	Description	Type (Calc/Input)	Change
RPAQ	STEM Resource Plan Applicable Quantity (MW), if no STEM submission exists for an interval, taken from the STEM resource plan	Calc	End Dated
RPQLA	Loss Factor Adjusted STEM Resource Plan Quantity, in MWh	Calc	End Dated
LFAMSQ	Metered Schedule Quantity, in MWh, loss factor adjusted, excluding Demand Side Programmes which are not loss factor adjusted	Calc	End Dated -> only used by DLDAmount and DLIAmount
DLDAmount	Dispatchable Load Decrease Dispatch Instruction Payment	Calc	End Dated
DLIAmount	Dispatchable Load Increase Dispatch Instruction Payment	Calc	End Dated
TPNBFDDIP	Participant Decrease Dispatch Instruction Payment for Dispatchable Load facilities	Calc	End Dated
TPNBFIDIP	Participant Increase Dispatch Instruction Payment for Dispatchable Load facilities	Calc	End Dated
STEM_SUB	STEM Submission Flag - 0 if no submission exists, 1 if submission exists	Input	End Dated
STEM_RPLOAD	Resource Plan Load, in MWh, including demand associated with any Interruptible Load, but excluding demand associated with any Dispatchable Load. imported as a negative quantity	Input	End Dated
STEM_RPSF	STEM Resource Plan Shortfall, in MWh	Input	End Dated
STEM_RPQ	STEM Resource Plan Quantity, in MWh, not loss factor adjusted	Input	End Dated
DLCDP_OffPeak	Dispatchable Load Consumption Decrease Price for an off-peak interval	Input	End Dated
DLCDP_Peak	Dispatchable Load Consumption Decrease Price for a peak interval	Input	End Dated
DLCIP_OffPeak	Dispatchable Load Consumption Increase Price for an off-peak interval	Input	End Dated
DLCIP_Peak	Dispatchable Load Consumption Increase Price for a peak interval	Input	End Dated

Transition provisions for RRP

RC_2014_06 contains no transitional provisions to allow AEMO or Market Participants to conduct scheduling day activities, on 30 June 2019, in the manner expected of the Rule Change, effective 1 July 2019.

Market Participants should continue all STEM and Resource Plan activities on 30 June 2019 as per the existing rules. The modified STEM timeline will take effect on 1 July 2019.

Settlement for the month of July 2019 will be conducted using the rules effective 1 July 2019.

Scheduling Day Activities for 1 July

The following
timeline will be used
on 30 June 2019:

30 June 2019 (Scheduling Day for 1 July 2019)

STEM window (for Trade Date 1 July)

STEM window opens 9:00am - closes 9:50am

STEM results published 10:20am

Resource Plan window (for Trade Date 1 July)

Resource Plan window opens 11:00am - closes
12:50pm

Resource Plans provided to System Management
1:20pm

Balancing Horizon (for Trade Date 1 July)

BMO is extended, to include trade day 1 July 8am –
7:30am, at 6:00pm

Scheduling Day Activities for 2 July

The following timeline
will be used from 1
July 2019 onwards:

1 July 2019 (Scheduling Day for 2 July 2019)

STEM window (for Trade Date 2 July)

STEM window opens 9:00am - closes 10:50am

STEM results published 11:15am

Balancing Horizon (for Trade Date 2 July)

BMO is extended, to include trade day 2 July 8am

– 7:30am, at 1:00pm

RC_2014_06 - RRP Market Trial

Date	Milestone	Recommended Market Participant Actions
11 June 2019	Deploy WEMS 3.31 into Market Trial	
13 June 2019	Scheduling Day - WEMS will function as per current timelines.	Test WEMS functionality as per current rules.
14 June 2019	Effective Date of Rule Change	Test new WEMS functionality including: <ul style="list-style-type: none">• Make successful STEM submission within 9:00 AM – 10:50 AM window.• Do not make a Resource Plan submission.• Make Balancing Submission for 1:00 PM BMO.• Verify removal of ability to make a Balancing Submission at RPQTY and MAXCAP_MINUS_RPQTY will not impact IT systems,• Verify all reports, systems and queries function as anticipated.
25 June 2019	Subject to successful Market Participant testing, deployment to Production	Ensure systems and processes are updated to accommodate changes.

In order for AEMO to complete full testing integration with System Management systems (SMITS), AEMO requests Market Participants ensure STEM and Balancing submission are made during the Market Trial period.

RC_2017_06

Reduction of Prudential Exposure in the RCM (RoPE)

Presented by: Mike Hales

RC_2017_06 - RoPE Project Update

The required software updates to WEMS to comply with the Rule Change RC_2017_06 have been deployed in Production on 9 May 2019. This includes the changes for IRCR, Capacity Credit Allocations, and RCM Settlements.

The IRCR and Capacity Credit Allocations Market Procedures have been updated and the new procedures are now in effect.

The Prudential Requirements Market Procedure will take effect 27 June. This will also coincide with the changes to the Outstanding Amount (OA) calculation in WEMS. The new OA will no longer include an estimate of Capacity Credit Allocations (CCA) and will instead include only the CCAs that have been accepted in the system for the prudential period.

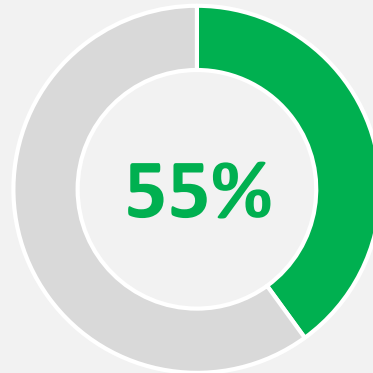
RC_2017_06 - RoPE Project Status

Overall status



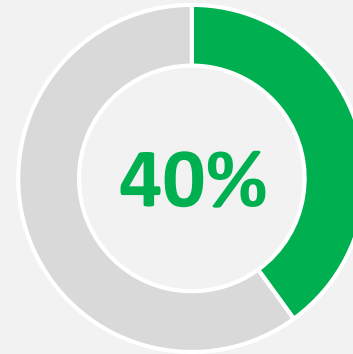
- G** Schedule – under control
- G** Cost – slightly ahead
- G** Scope - on track
- G** Resourcing – suitable
- G** Issues – under control
- G** Risk – under control

Progress



- Execution Stage**
- ROPE1
- Required development for Rule Change complete.
 - Testing for improvements release.
- ROPE2
- Elaboration of Settlement Rules

Cost



- Project is on track

Count Down

ROPE1

10 July 2019

Improvement Release

ROPE2

March 2020

- Deployments:**
- WEMS 3.32 Deployment
- Market Trial: 26 Jun
 - Production: 10 Jul

RoPE2 System Overview

The Prudential service is designed with the intention of following the microservice pattern as a standalone service to perform prudential calculations and give participants access to results via restful web services.

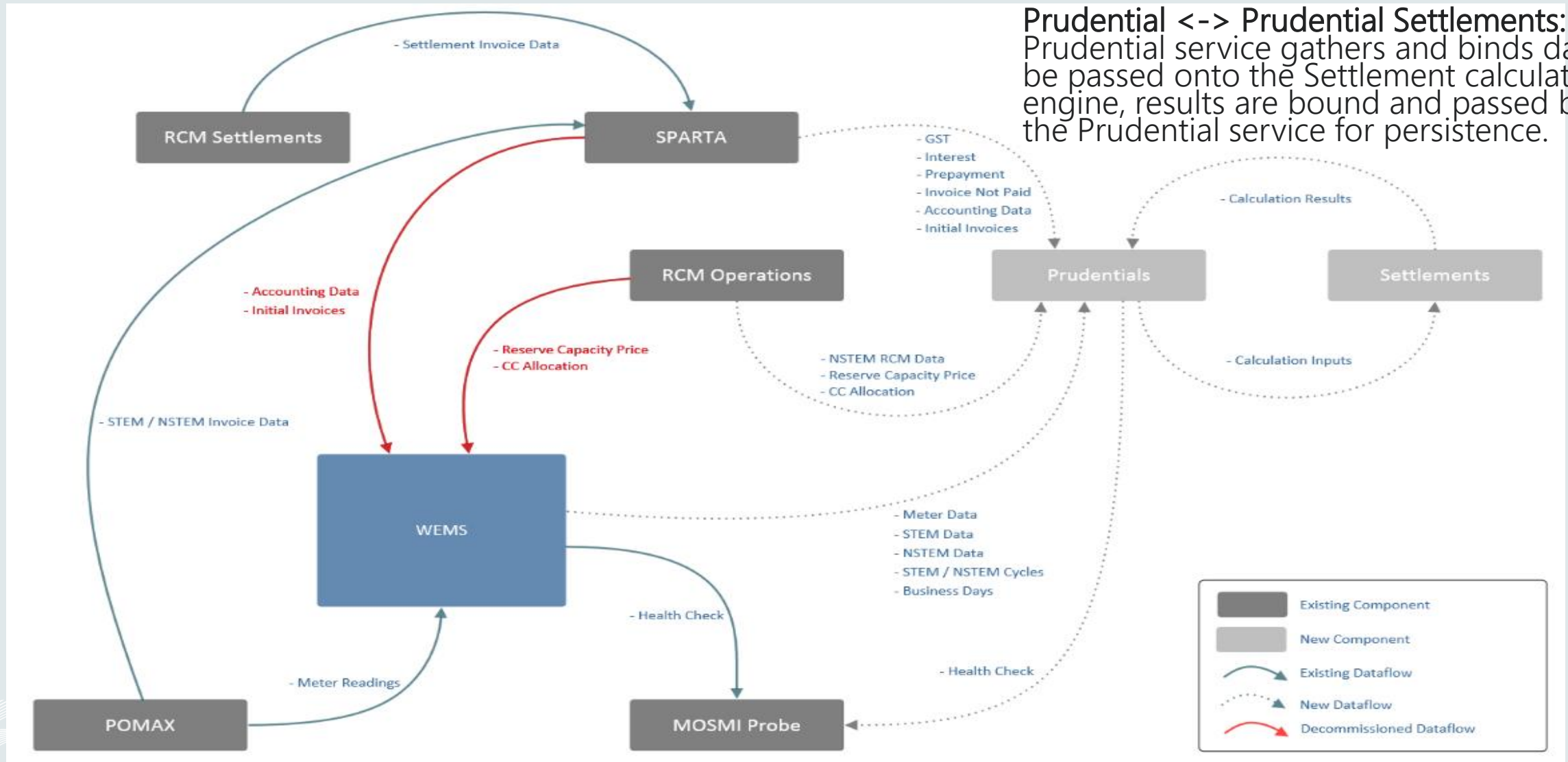
- New Prudential displays accessed via the WEMS MPI
- New Prudential display to provide each Participant their Prudential summary
- New Prudential display to provide the details of latest Prudential Settlement calculation results
- New Credit Support management display to display details of the provided Credit Support
- New REST web services to provide summary information of the Prudential Requirements
- New REST web services to provide detailed breakdown of the calculation results

RoPE2 Future Roadmap

The Prudential System being developed is based on the settlement calculations within the WEM Rules. For AEMO to determine a participant's Outstanding Amount the system must consider any actual or estimated data applicable to the participant.

The AEMO roadmap for a future Settlement System is based on using the calculation engine and settlement rules developed in RoPE2.

RoPE2 System Design



Prudential <-> Prudential Settlements:
 Prudential service gathers and binds data to be passed onto the Settlement calculation engine, results are bound and passed back to the Prudential service for persistence.

Calculation Variables

With the creation of a new Calculation Engine the variables used in the system will be changing names from the current variable names used in Pomax and RCM Settlement. This variable structure will be used in the future Settlement System.

AEMO is using a defined structure for the variable name:

variablename_scope_granularity

Variable name	A short name for the calculation output based on the description within the WEM Rules. Eg. STEMSAD
Scope	The applicability to which the variable applies. Eg. Participant, Facility, NMI or Global
Granularity	The validity period for which the variable applies. Eg. Month, Day, Interval
Complete example	STEMSAD_P_D

5 STEM Settlement Equations

5.1 STEM

5.1.1 STEM Payments and Charges

These equations are based on the equations stated in 9.6.1. They have been modified to aggregate to a Trading Day and to separate quantities into supply and demand.

$$STEMSA_P_D(p, d) = \sum_{i \in I(d)} STEMSA_P_I(p, i) \quad (70)$$

$$STEMSAS_P_D(p, d) = \sum_{i \in I(d)} STEMSAS_P_I(p, i) \quad (71)$$

$$STEMSAD_P_D(p, d) = \sum_{i \in I(d)} STEMSAD_P_I(p, i) \quad (72)$$

$$STEMSA_P_I(p, i) = STEMSAS_P_I(p, i) + STEMSAD_P_I(p, i) \quad (73)$$

$$STEMSAS_P_I(p, i) = SSF_G_D(i) \times STEMP_G_I(i) \times STEMS_P_I(p, i) \quad (74)$$

$$STEMSAD_P_I(p, i) = SSF_G_D(i) \times STEMP_G_I(i) \times STEMQ_P_I(p, i) \quad (75)$$

$$STEMS_P_I(p, i) = \max(0, STEMQ_P_I(p, i)) \quad (76)$$

$$STEMQ_P_I(p, i) = \min(0, STEMS_P_I(p, i)) \quad (77)$$

Variable	Units	Scope	Granularity	Rule	Description
STEMSA_P_D(p, d)	\$	Participant	Day	9.6.1	Settlement amount for energy cleared in STEM for Market Participant p in Trading Day d (70)
STEMSAS_P_D(p, d)	\$	Participant	Day	9.6.1	Settlement amount for energy sold in STEM for Market Participant p in Trading Day d (71)
STEMSAD_P_D(p, d)	\$	Participant	Day	9.6.1	Settlement amount for energy purchased in STEM for Market Participant p in Trading Day d (72)
STEMSA_P_I(p, i)	\$	Participant	Interval	9.6.1	Settlement amount for energy cleared in STEM for Market Participant p in Trading Day i (73)
STEMSAS_P_I(p, i)	\$	Participant	Interval	9.6.1	Settlement amount for energy sold in STEM for Market Participant p in Trading Interval i (74)
STEMSAD_P_I(p, i)	\$	Participant	Interval	9.6.1	Settlement amount for energy purchased in STEM for Market Participant p in Trading Interval i (75)
STEMS_P_I(p, i)	MWh	Participant	Interval		Energy sold in STEM by Market Participant p in Trading Interval i (76)
STEMDQ_P_I(p, i)	MWh	Participant	Interval		Energy bought in STEM by Market Participant p in Trading Interval i (77)
STEMQ_P_I(p, i)	MWh	Participant	Interval		STEM quantity cleared by Market Participant p in Trading Interval i
SSF_G_D(i)	Boolean	Global	Day		0 if STEM was suspended in the Trading Day for which Trading Interval i falls, and 1 otherwise
STEMP_G_I(i)	\$/MWh	Global	Interval	6.9.7	STEM Clearing Price for Trading Interval i
I(d)	{}	Global	Day		Set of Trading Intervals in a Trading Day d

RoPE2 Calculation Output

- The new Prudential System will be providing detailed calculation results via restful web services.
- The new Prudential System will be moving to a new format downloadable Excel file, different from the existing PIR file.

Further information will be provided in a future Working Group.

Questions and Feedback

Any feedback can be provided to:

WA Market Operations wa.operations@aemo.com.au; or

WA Stakeholders WAelectricityforum@aemo.com.au