



# 5MS & GS Program Consultative Forum #25

Thursday, 3 September 2020

This meeting is recorded for the purpose of minute taking.

# AEMO Competition Law Meeting Protocol

AEMO is committed to complying with all applicable laws, including the Competition and Consumer Act 2010 (CCA). In any dealings with AEMO regarding proposed reforms or other initiatives, all participants agree to adhere to the CCA at all times and to comply with this Protocol. Participants must arrange for their representatives to be briefed on competition law risks and obligations.

Participants in AEMO discussions **must**:

1. Ensure that discussions are limited to the matters contemplated by the agenda for the discussion
2. Make independent and unilateral decisions about their commercial positions and approach in relation to the matters under discussion with AEMO
3. Immediately and clearly raise an objection with AEMO or the Chair of the meeting if a matter is discussed that the participant is concerned may give rise to competition law risks or a breach of this Protocol

Participants in AEMO meetings **must not** discuss or agree on the following topics:

1. Which customers they will supply or market to
2. The price or other terms at which Participants will supply
3. Bids or tenders, including the nature of a bid that a Participant intends to make or whether the Participant will participate in the bid
4. Which suppliers Participants will acquire from (or the price or other terms on which they acquire goods or services)
5. Refusing to supply a person or company access to any products, services or inputs they require

Under no circumstances must Participants share Competitively Sensitive Information. Competitively Sensitive Information means confidential information relating to a Participant which if disclosed to a competitor could affect its current or future commercial strategies, such as pricing information, customer terms and conditions, supply terms and conditions, sales, marketing or procurement strategies, product development, margins, costs, capacity or production planning.

# Agenda

#	Time	Topic	Presenter
1	10:00 – 10:05	Welcome	Peter Carruthers
2	10:05 – 10:10	Actions from previous meetings	Anne-Marie McCague
3	10:10 – 10:20	Program Update	Rowena Leung
4	10:20 – 10:25	Executive Forum Debrief	Peter Carruthers
5	10:25 – 10:35	Risks and Issues	Anne-Marie McCague
6	10:35 – 10:45	Readiness Workstream Update – reporting,	Greg Minney
7	10:45 – 10:50	Systems Workstream Update – staging	Graeme Windley
8	10:50 – 11:00	Cost Recovery	Kevin Ly
9	11:00 – 11:05	Forward Meeting Plan	Anne-Marie McCague
10	11:05 – 11:10	General Questions	Peter Carruthers
11	11:10	Meeting Close	Peter Carruthers

# Welcome

Peter Carruthers

# Actions from Previous Meetings

Anne-Marie McCague

# PCF Actions

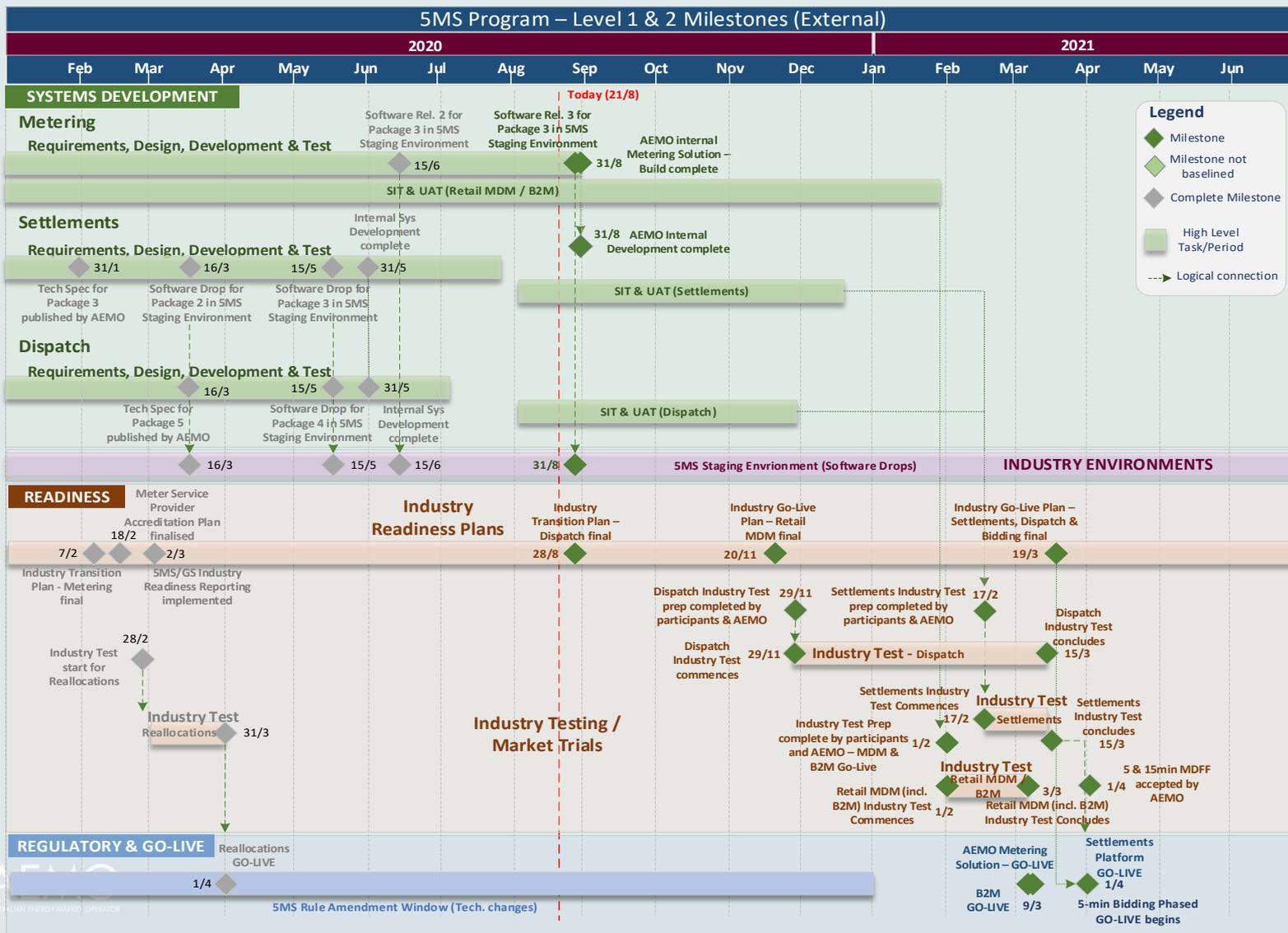
No.	Action	Comment
23.10.1	PCF and RWG to provide feedback on the proposed changes to the industry test and market trial milestones as a result of the three-month deferral by 22 July 2020	Complete – all feedback was supportive and the milestones have been rebaselined.
23.11.1	AEMO to update the Industry Risks and Issues Register with agreed decisions from meeting.	Complete – updated version available on the <a href="#">5MS website</a>
23.12.1	AEMO to add Technical Specifications to the list of co-ordination matters on slide 60.	Complete – updated pack circulated to PCF and available on <a href="#">PCF webpage</a>

# Program Update

Rowena Leung

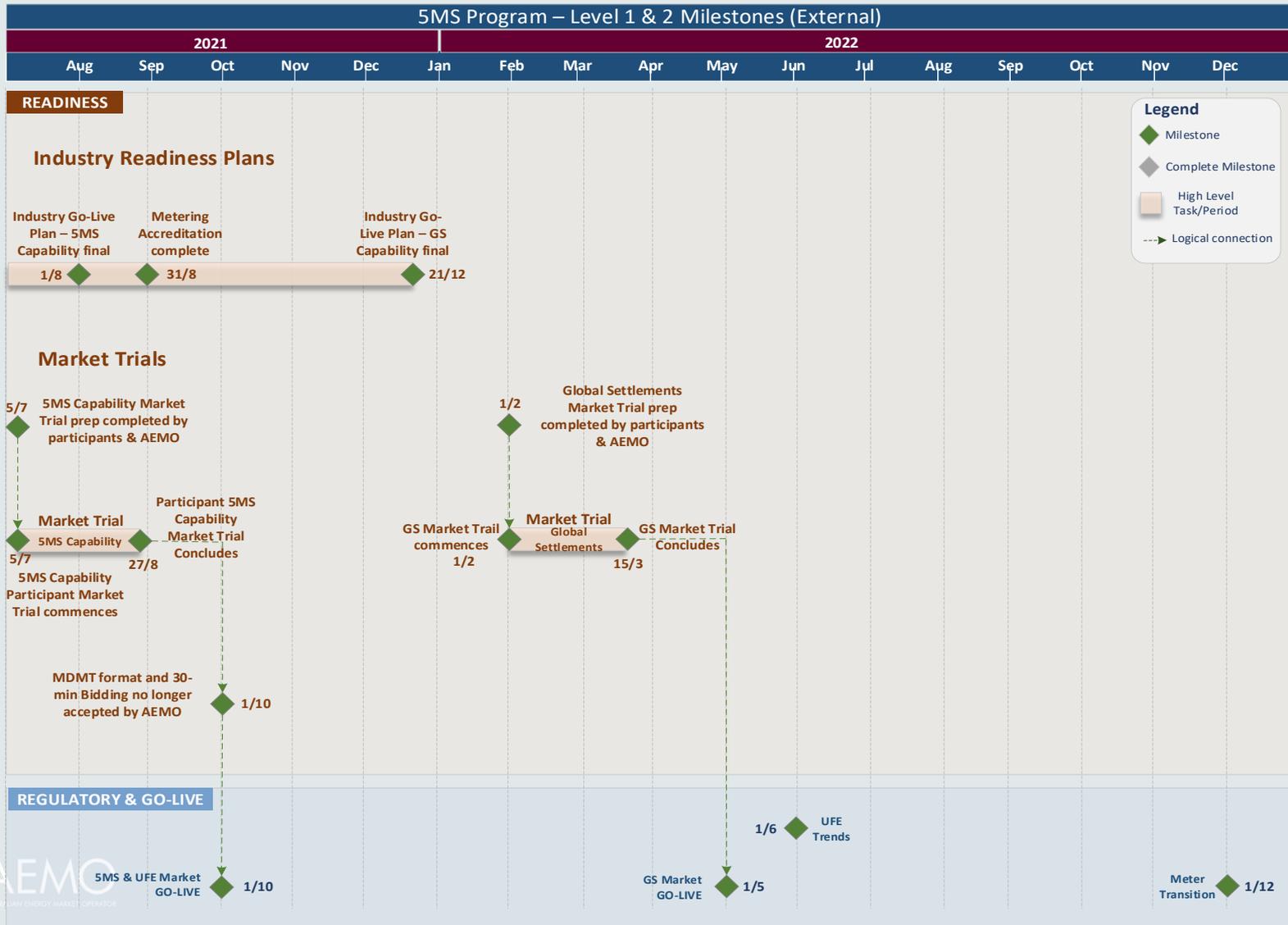
# 5MS Program Timeline

## Level 1 and External Level 2 Milestones 1/2

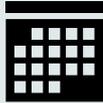


# 5MS Program Timeline

## Level 1 and External Level 2 Milestones 2/2



# Program update and current activities



## *AEMO program*

- Overall Program remains Green trending down
- Milestones impacted by AEMC deferral decision have been re-baselined
- Whilst the program is on track with the key L1-13 core functionality milestone complete at the end of Aug, pressures remain with a very busy schedule.
- Focus of the program is now on testing with all 3 workstreams in SIT.
- AEMO business readiness, change mgt and cutover activity has also commenced.



## *Systems*

- Deployment for 3<sup>rd</sup> Staging drop for Retail in progress (verbal update to be provided).
- Dispatch and Settlements System Testing completed. System Integration Testing is on track, target completion early October.
- Defect fixing, fine tuning and solution optimization will continue.



## *Readiness*

- Industry Readiness Survey #3 conducted with 41 organisations providing responses. Report to be provided 3<sup>rd</sup> September
- Metering Transition Plan updated for 3 month deferral following input from TFG and endorsement at RWG
- Bidding Transition Plan finalised following industry consultation

# AEMO Systems Deployment Cutover Risk

Risk Description	Risk Assessment		
<p>The current Cutover approach has the 3 AEMO systems deployments in close succession. Retail Metering the largest, most technically complex and riskiest cutover going first on 9 March, then followed by both the Dispatch and Settlements systems deployments together 3 weeks later on 1 April.</p> <p>A go-live criteria for Settlements is a stable metering platform. The current timetable only allows one week for the Retail solution to be stabilised prior to commencing cutover activity for Settlements which is high-risk.</p>	Inherent Likelihood	Inherent Consequence	Inherent Risk Rating
	Possible	Major	Significant
	Residual Likelihood	Residual Consequence	Residual Risk Rating
	Unlikely	Moderate	Medium

- To mitigate this risk AEMO is proposing to move the Settlements go-live to **19 April 2021**
- Settlements deployment into pre-production remains 17 February 2021
- The Dispatch and Retail Releases are required to facilitate 5MS market go live transitional activities (i.e. submit 5-min bids; deliver 5-min reads).
  - go-live dates, pre-prod dates and transition plans remain as is (9 March 2021 for Retail and 1 April 2021 for Dispatch)
- The Settlements solution platform go-live does not facilitate any 5MS industry go-live or transitional activities – it only must be deployed in Prod before 1 October 2021

# Impacts of moving Settlements Go-Live date

- Benefits:

- Separation of all three go-lives, ensuring individual focus on each deployment.
- Enables six weeks between the Retail and Settlements deployments, allowing for four weeks stabilisation period prior to commencing deployment activities for Settlements.
- Maintains a period of operational stability for all platforms prior to both 5MS market trials and rule commencement.
- Means Settlements does not go-live the day before the Easter break.

- Consequences:

- Splits the data model. At a high-level:
  - There is no requirement for participants to take the data model for Settlement purposes until UFE & GS market go-live in 2022.
  - Participants are advised to take the new data model when they start bidding in 5-min intervals or by 1 October 2021, whichever is earliest.
  - The data model retains n-1 backward compatibility.
  - A detailed discussion will be facilitated via the RWG / SWG, as the discussion will also need to include other projects (i.e. MT-PASA).

# Next Steps

- AEMO will present proposal at RWG on 14-Sep-20
- AEMO requests feedback from PCF and RWG by 25-Sep-20
  - Are there any impacts to participants' programs?
  - In what way does this impact your program e.g. testing requirements?

# Executive Forum Debrief

Peter Carruthers

# Executive Forum Debrief

- Executive Forum took place on 30 July 2020
  - Slide pack and draft minutes available on 5MS website
  - Minutes will be finalised with comments included by next Exec Forum
- Key areas of discussion:
  - Changes to 5MS & GS commencement dates and impact on participant programs and AEMO implementation
  - Potential for covid-19 further impacts
  - Interaction with other market changes
  - Process for cost recovery
  - Update on critical capability for go-live

# Risks and Issues

Anne-Marie McCague

# Open Issues due for review

ID	Title	Rating	Mitigation / Proposal
I05	<p><u>Visibility of 5MS implementation costs</u> No visibility of the financial impact of 5MS on participant fees, results in participants questioning any changes to fees</p>	Medium	Issue remains open until the fee structure process has completed.
I07	<p><u>Support for Global Settlement go live</u> Level of support required for GS financial implementation from <del>06-Feb</del> <b>01-May-2022</b> is not yet defined, results in participants inability to plan for go-live</p>	Medium	Market Trial for GS financial implementation planned in line with agreed transition strategy. Current testing availability planned in staging. Issue to be closed
I10	There is no single environment for complete industry testing	Medium	AEMO will discuss with RWG to understand testing requirements and if they can be met through the 5MS Staging Environment and pre-prod.

# Participant Readiness Risks for Review

ID	Title	Residual Rating	Trend	Comments
R02	<p><u>Risk that there is one or more participants that aren't 'ready' at go-live</u></p> <p>Participants may <b>not be ready at rule commencement dates resulting in</b> have inadequate systems to operate within new market conditions <b>and an inability to participate in the market or complete business transactions.</b> <del>at rules effective date, resulting in failure to be ready for go-live.</del></p>	Significant (to the participant)	↔	This risk rating focuses on the impact to a participant where that participant is not ready at the rule commencement dates. In many cases, this would have a low risk rating to the market i.e. the market could still function appropriately without this participant or group of participants.
R19	<p><u>Risk of a critical <del>mass</del> capability of participants not being ready at identified critical path milestones</u></p> <p>Critical <del>mass</del> <b>capability</b> of participants fail to meet expected industry Readiness critical path milestones, <b>including not having adequate systems to undertake market trials and testing,</b> resulting in failure to be ready for go-live <b>and impacting the proper functioning of the market.</b></p>	Medium	↔	This risk relates to the impact to the market if a critical capability of participants are not ready. If this risk was realised proper market functioning would not be possible. The residual risk rating of Medium takes into account the mitigation measures that are in place.

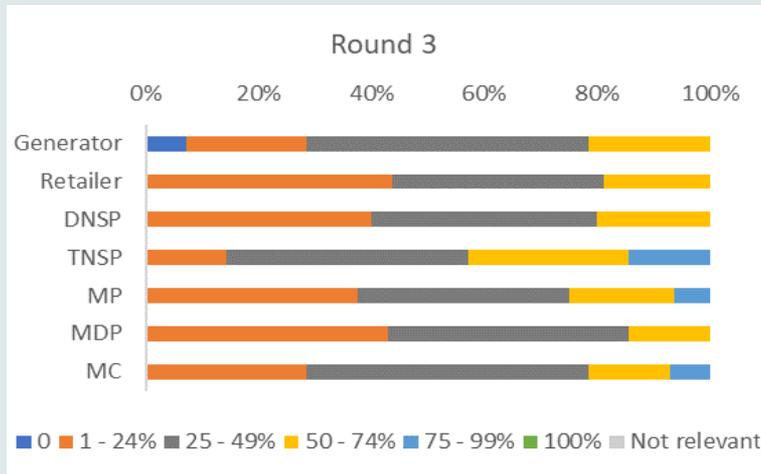
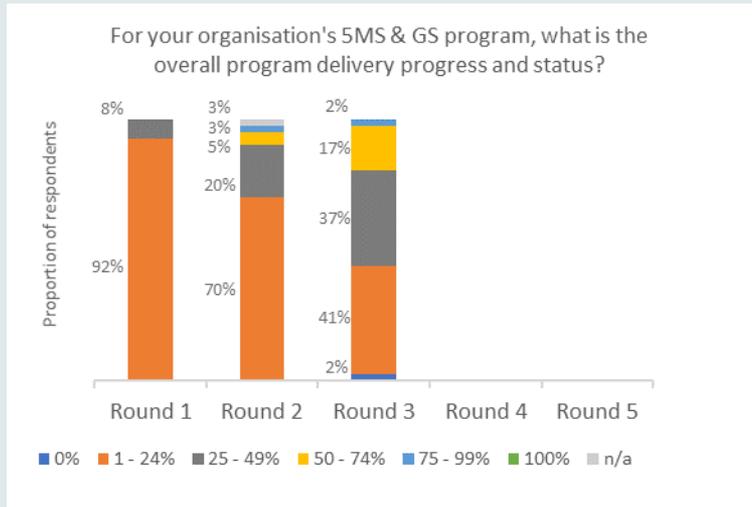
# Volume of Industry Change

ID	Title	Residual Rating	Trend	Actions
R06	<p><u>Interaction with other industry changes that have already been adopted through rule changes</u></p> <p>Significant regulatory changes across the energy sector will stretch resources allocated to market change programs, resulting in potential impacts to participants' resourcing and program delivery.</p>	Significant	↔	<p>AEMO has undertaken a review of the regulatory roadmap and consulted on proposed changes with industry.</p> <p>Proposing that trend remains as neutral although note improving clarity through the regulatory roadmap.</p>
R30	<p><u>Risk that new 5MS and GS Go-Live dates could impact other industry change programs</u></p> <p>The new commencement dates are closer to some other industry change programs. There is a risk that industry and AEMO resources and systems may be constrained during a period of multiple major go-lives which may lead to difficulties with timelines and system</p>	Significant	↔	<p>AEMO is currently developing an approach to managing the interdependencies between the 5MS Program and other programs including WDR and Customer Switching.</p> <p>Proposing to leave the residual risk rating as "Significant" until the review and approach have been identified.</p>

# Readiness Workstream Update

Greg Minney

# Readiness Reporting Round 3

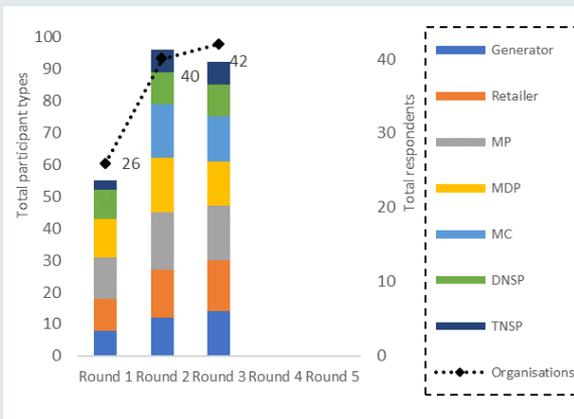


## Results Summary:

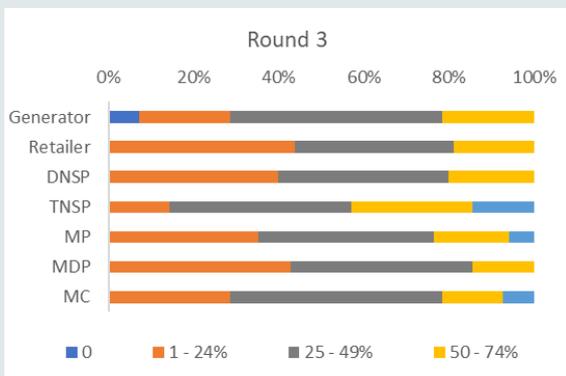
- 42 Organisations responded to Round #3, c/f 40 in Round #2
- Reporting coverage in all areas > 95% (as per industry coverage definition)
- Organisations requested to report against revised Rule Commencement Dates
- 1 Organisation reported overall program as late, 40 on track
- Essential Capability
  - Generation – 11 of 14 on track to specific criteria- 2 late, 1 at risk
  - Metering - 15 of 16 MPs reported on track, 1 no response
  - AEMO Capability – On Track

Updated analysis of Round 3 will be provided for PCF Meeting

# Readiness Report Round 3



Industry coverage		
	% Industry coverage	Industry coverage methodology
Generator	95.1%	Generator respondents' capacity / NEM capacity
Retailer	97.6%	Retailer respondents' settlement vol. / NEM vol.
MP	99.8%	MP respondents' total type 1-4 NEMs/ total type 1-4 NEMs
MDP	99.9%	MDP respondents' total type 1-4 NEMs/ total type 1-4 NEMs
MC	99.7%	MC respondents' total type 1-4 NEMs/ total type 1-4 NEMs
DNSP	100%	Number of DNSP survey respondents / Total DNSPs
TNSP	100%	Number of TNSP survey respondents / Total TNSPs



Participant Program Status

- Coverage sufficient to be considered representative of overall industry position
- Trend on participant progress favourable given participant replanning requirements
- 1 organisation reporting overall program late, all others reporting on track
- Continued monitoring of COVID impacts noted by a number of participants, no further impact noted to overall status or progress
- Planned market Testing participation rates between 87 and 100% across roles
- Reduction in participant roles mainly due to 2-3 organisations not reporting all roles they have in previous surveys
- Limited intention noted for early 5 minute metering data delivery

# Readiness Reporting – Essential Capability

Essential capability	Relevant participants	Readiness Reporting Criteria	Reporting Criteria Met	Number of Participants	Part On-Track	Part At-Risk	Part Late	Not responded	Remediation Plan In Place?	Escalation Required?
Generators and MNSPs are able to submit 5-min offers	Generators / MNSPs	a) Generators representing >80% of regional load are responding to Industry Readiness Surveys, and; b) Generators representing >80% of regional load are reporting 'On-track' to be able to submit 5-minute granularity offers	No	14	11	1	2	0	No	No
All essential meters* are able to produce and store 5-min data	MPs	a) 100% of MPs associated to essential metering are responding to Industry Readiness Surveys, and; b) 100% of MPs associated to essential metering are reporting 'On-track' for all applicable MTP activities	Yes	17	17	0	0	0	No	No
All essential meters* are able to produce and store 5-min data	MCs	a) 100% of MCs associated to essential metering are responding to Industry Readiness Surveys, and; b) 100% of MCs associated to essential metering are reporting 'On-track' for all applicable MTP activities	Yes	14	14	0	0	0	No	No
All essential meters* are able to deliver 5-min metering data	MDPs	a) 100% of MCs associated to essential metering are responding to Industry Readiness Surveys, and; b) 100% of MCs associated to essential metering are reporting 'On-track' for all applicable MTP activities (S01)	Yes	3	3	0	0	0	No	No
The 5-minute bidding and dispatch solution, including the web bidding interface is deployed	AEMO	a) AEMO reporting 'On-track' for all Bidding/Dispatch reporting criteria and milestones	Yes	1	1	0	0	0	No	No
The Metering Data Management (MDM) solution is deployed	AEMO	a) AEMO reporting 'On-track' for all MDM Milestones	Yes	1	1	0	0	0	No	No
The 5-minute settlements solution is deployed	AEMO	a) AEMO reporting 'On-track' for all Settlement Milestones	Yes	1	1	0	0	0	No	No

# Essential Capability

- Corresponds to Essential Capability identified as critical for rule commencement
- Participant follow up regarding return to on-track delivery and impact assessment
- Ongoing management against requirement for contingency activation as timeframes progress

# Areas for RWG consideration

- Tracking and Reporting of essential capabilities
- Progress on MTP activities and Bi-Lateral participant engagement
  - Focus on activities underway and scheduled for completion
  - Progress reporting for metering installation and configuration
  - Target completion for GS data updates
- Impacts of participant approach to “early” delivery and processing of 5 minute metering data

# Readiness Workstream Update

- Initial Combined RWG / SWG conducted 17<sup>th</sup> August
- Metering Transition Plan
  - V1.5 endorsed as for distribution by RWG following TFG update
  - Updated Participant rollout plans and progress updates due from MC/MP and MDP participants
    - Highlight Meter Implementation progress (Tranche 1)
    - Basis for participant transaction volume management and rollout preparation
- Bidding Transition Plan due for finalisation 28<sup>th</sup> August
  - Seven responses, of which three had no further comment
  - Most feedback was seeking clarification
  - Some participants were seeking information on aspects of dispatch that are outside the scope of the BTP. AEMO has/will follow up individually with these participants.
- Review of Transition risks impacted by 3 Month Deferral
  - 2 speed industry transition – risk reduced due to 3 month deferral limiting timeframes
  - Exposure of LRs to early delivery of 5 minute data – risk reduced as above
  - “Big Bang” transition of meter changes – Participants to review their program positions on risk mitigations

# Level 2 Milestones – Readiness

Domain	Initiative	2019				2020				2021													
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4										
Readiness																							
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct

## Key Milestones (Program)

-  Milestone complete
-  Milestone on track
-  Milestone at risk
-  Milestone not achieved

ID	Milestone	Target Date	Expected Date	Owner	Status
L2-RE11	Metering Service Provider Accreditation Plan Finalised	13-Mar-2020	18-Feb-2020	AEMO	Completed
L2-S12	Reallocations Go-Live	01-Apr-2020	01-Apr-2020	AEMO	Completed
L2-RE32	Industry Test for Reallocations Concludes	31-Mar-2020	31-Mar-2020	AEMO	Completed
L2-RE22	Industry Transition Plan – Dispatch final complete	28-Aug-2020	28-Aug-2020	AEMO	
L2-M11	Industry Test preparation completed by participants for MDM and B2M Go-Live	01-Feb-2021	01-Feb-2021	Participants	
L2-M12	Industry Test preparation completed by AEMO for MDM and B2M Go-Live	01-Feb-2021	01-Feb-2021	AEMO	
L2-RE29	Retail MDM (incl. B2M) Industry Test Commences	01-Feb-2021	01-Feb-2021	AEMO	
L2-RE30	Retail MDM (incl. B2M) Industry Test Concludes	03-Mar-2021	03-Mar-2021	AEMO	
L2-RE18	Industry Go-Live Plan Retail MDM finalised	20-Nov-2020	20-Nov-2020	AEMO	
L2-M24	B2M Go-Live	09-Mar-2021	09-Mar-2021	AEMO	
L2-M10	5 minute files in MDFF accepted by AEMO	01-Apr-2021	01-Apr-2021	AEMO	
L2-D7	Dispatch Industry Test preparation completed by participants	29-Nov-2020	29-Nov-2020	Participants	
L2-D8	Dispatch Industry Test preparation completed by AEMO	29-Nov-2020	29-Nov-2020	AEMO	

# Level 2 Milestones – Readiness

Domain	Initiative	2019				2020				2021											
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4								
Readiness																					

Key Milestones (Program)					
ID	Milestone	Target Date	Expected Date	Owner	Status
L2-S10	Settlements Industry Test preparation completed by participants	17-Feb-2021	17-Feb-2021	Participants	
L2-S11	Settlements Industry Test preparation completed by AEMO	17-Feb-2021	17-Feb-2021	AEMO	
L2-RE28	Dispatch Industry Test concludes	15-Mar-2021	15-Mar-2021	AEMO	
L2-RE32	Settlements Industry Test concludes	15-Mar-2021	15-Mar-2021	AEMO	
L2-RE19	Industry Go-Live Plan Settlements, Dispatch & Bidding finalised	19-Mar-2021	19-Mar-2021	AEMO	
L2-RE23	5MS Capability Market Trial preparation completed by participants	05-Jul-2021	05-Jul-2021	Participants	
L2-RE24	5MS Capability Market Trial preparation completed by AEMO	05-Jul-2021	05-Jul-2021	AEMO	
L2-RE31	5MS Capability Market Trial commences	05-Jul-2021	05-Jul-2021	AEMO	
L2-RE20	Industry Go-Live Plan – 5MS Capability final complete	01-Aug-2021	01-Aug-2021	AEMO	
L2-D10	5MS Capability Market Trial concludes	27-Aug-2021	27-Aug-2021	AEMO	
L2-D11	30-min Bidding no longer accepted by AEMO	01-Oct-2021	01-Oct-2021	AEMO	
L2-RE25	MDMT format no longer accepted by AEMO for interval meters	01-Oct-2021	01-Oct-2021	AEMO	
L2-RE26	GS Market Trial preparation completed by participants	01-Feb-2022	01-Feb-2022	Participants	
L2-RE27	GS Market Trial preparation completed by AEMO	01-Feb-2022	01-Feb-2022	AEMO	
L2-RE21	Industry Go-Live Plan – GS Capability final complete	21-Dec-2021	21-Dec-2021	AEMO	

-  Milestone complete
-  Milestone on track
-  Milestone deferred
-  Milestone at risk
-  Milestone not achieved

# Systems Workstream Update

Graeme Windley

# Overall systems delivery status

Overall Program Status

- On track ●
- At risk ●
- Delayed ●
- Complete ✓



	Staging Environment	Pre-Production	Production Go-Live
Dispatch	<ul style="list-style-type: none"> <li>✓ P1 – Bidding FTP &amp; API – 29-Nov-19</li> <li>✓ P2 – Bidding Web UI – 29-Nov-19</li> <li>✓ P3 – Dispatch, Pre-dispatch and PASA – 29-Nov-19</li> <li>✓ P4 – Pricing &amp; Miscellaneous – 15-May-20</li> </ul>	<ul style="list-style-type: none"> <li>● 5-min Bidding (all packages) – 29-Nov-20</li> </ul>	<ul style="list-style-type: none"> <li>● 5-min Bidding (all packages) – 01-Apr-21</li> </ul>
Retail	<ul style="list-style-type: none"> <li>✓ P1: MTRD FTP Metering Data Ingestion – 01-Dec-19</li> <li>✓ P2: B2M via API (API Push) &amp; All Meter Data Ingestion scenarios – 15-Jun-20</li> <li>✓ P3: B2M via API (API Pull) &amp; MSATS Reports, 30-min transition state w 30-min reporting – 31-Aug-20</li> <li>● P4: Environment set to 5-min, 5-min reporting enabled – 31-Oct-20</li> </ul>	<ul style="list-style-type: none"> <li>● MDM solution (all packages) – 01-Feb-21</li> </ul>	<ul style="list-style-type: none"> <li>● MDM solution (all packages) – 09-Mar-21</li> </ul>
Settlements	<ul style="list-style-type: none"> <li>✓ P1: Reallocations – 01-Nov-19</li> <li>✓ P2: Settlements &amp; Billing – 16-Mar-20</li> <li>✓ P3: Prudentials &amp; Estimation – 15-May-20</li> </ul>	<ul style="list-style-type: none"> <li>✓ Reallocations (P1) – 26-Feb-20</li> <li>● Settlements Platform (P2&amp;3) – 17-Feb-21</li> </ul>	<ul style="list-style-type: none"> <li>✓ Reallocations (P1) 01-Apr-20</li> <li>● Settlements Platform (P2&amp;3) – 01-Apr-21</li> </ul>

# 5MS Staging Environment – Retail Release

- The 3rd Retail 5MS Staging Deployment is due on 31 August 2020, currently in progress.
- The full set of functionality deployed is available in the AEMO 5MS [Functional Deployment Matrix](#). Go to the 'Staging\_30min' tab and filter column B on 'Retail' and column D on '31-Aug-2020'.
- A reminder for test teams – the data date will be as of 30-Jul-2020.
- A verbal update on state of functionality and defects will be provided at the meeting (as per the Release Notes).

# 5MS Cost Recovery

Kevin Ly

# Electricity Fees Structure Review

## Background

- The current Electricity Market fee structure was determined five years ago
- Many changes have occurred in the energy market since that time which have increased NEM forecasting complexity and regulatory reporting requirements that have affected AEMO's planning and operational activities:
  - Rapid increase in variable renewable and distributed resources;
  - Retirement of aging thermal resources;
  - Improvements in and use of data; and
  - Changes in the behaviour of consumer consumption.
- The next fee period commences 1 July 2021

# Electricity Fees Structure Review

## 5MS program

- As part of the Electricity Fees structure review, AEMO is consulting on cost recovery of the 5MS program, in particular:
  - Options for cost recovery e.g. as a separate fee or recovered according to the different components (general or incremental components) of the 5MS program
  - The charging methodology
  - Who costs could be recovered from
  - When recovery of costs should commence
  - The period over which costs of the 5MS program should be recovered
- Submissions to the Consultation Paper are due by 23 September 2020
  - Final Determination is due by 31 March 2021

# Forward Meeting Plan

Anne-Marie McCague

# Vendor Briefing Session

- PCF has been issued invites to Vendor Briefing Session on 16 September.
- Please ensure that you forward the invite to your vendors in advance so that we can circulate the materials
- Proposed agenda:

Agenda Item	Explanation
Program status overview	A look at the current status for the 5MS Program and the key milestones that AEMO and the industry are working towards
Key Changes	A summary of changes to the technical solutions for 5MS and GS
Testing Environments	An overview of the 5MS Staging Environment and the AEMO pre-production Environment
Systems Technical Documents	A guide to the technical documents relating to 5MS and GS and how to find them on the 5MS website
Plan for Industry Test and Market Trial	An overview of the approach to Industry Test and Market Trial
Transition Plans	A look at how the period between AEMO system deployment and rule commencements will be managed
Approach to go-live plans	An insight into the AEMO cutover process and how this will be communicated to participants
Q&A session on Functionality Deployment Matrix	The Functionality Deployment Matrix provides a list of when functionality is available in the 5MS Staging Environment and AEMO pre-production environment. This is an opportunity to ask any questions about the matrix

# Forward Meeting Plan

- Next PCF: 01-Oct-21
- Agenda topics:
  - 5MS, WDR and Customer Switching – the approach to an integrated timeline

# 5MS Website

- [Participant testing](#) webpage has been added under the Systems Workstream
- Participant implementation section added to provide guidance for:
  - Metering participants
  - DNSPs
  - Retailers
  - Generators
- The following tools are available on the [Program Management webpage](#):

Program Management Tool	Update Cycle
Program actions log	monthly
5MS Program document tracker	as necessary
Industry risks and issues register	as agreed with PCF and reviewed at least quarterly
5MS Functionality Deployment Matrix	as necessary

# Upcoming meetings

<https://aemo.com.au/initiatives/major-programs/nem-five-minute-settlement-program-and-global-settlement>

Current as at 28/08/2020



## SEPTEMBER

Su	Mo	Tu	We	Th	Fr	Sa
30	31	1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	1	2	3

## OCTOBER

Su	Mo	Tu	We	Th	Fr	Sa
27	28	29	30	1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

## NOVEMBER

Su	Mo	Tu	We	Th	Fr	Sa
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	1	2	3	4	5

Forums/Working Groups
Executive (EF)
Program Consult. (PCF)
Procedures (PWG)
Systems (SWG)
Readiness (RWG)
Industry Testing (ITWG)

Focus Groups
Dispatch
Metering
Settlements
Transition
Reconciliation
Contingency
Industry Testing

Other
Information sessions
Q&A session
National Public Holiday
State Public Holiday*

\*Relevant state has been marked in a comment. WA, NT, TAS, ACT holidays have not been

# General Questions

Peter Carruthers

# Meeting Close

Peter Carruthers

