



5MS & GS Readiness Working Group #28 (incl. Systems Working Group)

Tuesday, 12 October 2021

This meeting is recorded for the purpose of minute taking.

Please disconnect from your workplace VPN for the WebEx call

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

Greg Minney

Agenda

#	Time	Topic	Presenter
1	11:00 – 11:05	Welcome and Agenda	Greg Minney
2	11:05 - 11:10	Minutes/Actions	Anne-Marie McCague
3	11:10 – 11:20	Debrief on the first weeks of 5MS	Greg Minney & Graeme Windley
4	11:20 – 11:30	Metering Update	David Ripper and Dominik Ziomek
5	11:30 – 11:45	May 2022 delivery: approach to engagement and readiness	Anne-Marie McCague & Greg Minney
6	11:45 – 12:00	Next Steps	Greg Minney
7	12:00	Meeting Close	Greg Minney



Minutes & Actions

Anne-Marie McCague

RWG Actions

No.	Status	Action	Comment
27.8.1	Closed	AEMO to add details to slide 41 relating to report row limits to show likely impacts to participants and actions it is recommended they take.	Complete – row limits change was not proceeded with at present
27.8.2	Closed	RWG to provide feedback by 9 September on AEMO proposal to change the RM row limits.	No respondents were in favour, 2 objected to the change, until some data after 5MS. At this time it has not been planned to update.
27.11.1	Closed	AEMO to send an updated invite moving the next RWG from 5 October to 12 October.	Complete



Debrief on the first weeks of 5MS

Greg Minney & Graeme Windley

Debrief on the first week of 5MS

Overall status: 5MS and Customer Switching operations commenced as scheduled on 1 October. The NEM is successfully operating in 5m mode.

Cutover

- Cutover was successful with no major issues reported

Bidding

- Participants have been submitting unique 5-minute bids, through first week of operation.
- Accessing the FCAS and Energy Offers menu option was raised as an issue for some participants, resolved on 1-Oct

Retail

- A number of individual participant impacts were addressed in the hours post cutover e.g. aseXML schema upgrades, participant internal MSATS loader issues.
- Metering data is being delivered to AEMO with 5m granularity by MDPs, with initial teething problems experienced by one MDP
- 6 new issues have been added to the Issues Log : two in relation to RM report reconciliation and 4 in relation to meter data delivery.
- Investigation of RM16/RM27 issue has identified a Standing Data issue which is currently being assessed

Settlements

- Transition week preliminary invoice on track for issuing on 8-Oct.
- Missing data from one MDP is having an impact on the quality of statement issued, BAU processes for impact management in place

Customer Switching

- Implementation of Customer Switching capability was successful as part of the Retail cutover.
- The scheduled reconciliation report (RM29) was not successfully delivered to participants as planned. This was re-run and delivered on 02-Oct
- Operation of CR process post go-live in line with expectations

Participant Support

- The Support Room was open from 23:30 30-Sep until 03:00 01-Oct was utilised by approximately 25 participants during their restart period.
- The Support Room was open from 08:00 to 17:00 on 01-Oct and was utilised by 2 participants
- Daily Q&A sessions have commenced with good attendance. Due to the low number of issues being logged and queries raised the sessions have been short. Ongoing frequency for these sessions will be discussed with the Q&A attendees

Participant Feedback on Industry Cutover

Purpose

- AEMO request informal feedback from a number of participants to get a sense of **the industry-wide cutover experience** and any emerging issues.
- 7 responses have been received to date: 1 MDP, 2 Retailers, 1 Generator, 3 Gentrailers

Summary of responses

1. **Success of your own cutovers from both technical and business operations viewpoint**

- All respondents reported a smooth cutover. Respondents identified the success to be as a result of Market Trial (2), strong internal testing programs (2) and early or staged transition (5)

2. **Initial operations from a market, B2B and business operations viewpoint and views on key upcoming events/ milestones**

- Overall respondents consider that their operations have been smooth with some manageable issues arising e.g. B2B schema compatibility, interval value change to 4 decimal points, MDP data issues
- One respondent noted their operations have been mixed and one respondent noted their operations have been considerably impacted by their MDP's new meter data management system. Other initial B2B issues across multiple participants have been addressed
- Key upcoming events/milestones that were identified included Settlements processes for transition week prelim and final, Tranche 2 rollout activities, WDR commencement later in Oct, B2B release in Nov and planning for MS DR and MCPI

3. **Emerging issues / key concerns**

- No critical issues arising from transition were identified, however, B2B delivery from some participants is of concern
- RM report reconciliation continues to be issue for a number of respondents (as noted in Retail issue list)

• **Other comments:**

- One participant raised their concerns on the engagement and information provided by the MS DR project as well as the impact to GS project – this feedback will be taken into account as part of the planning for GS & MS DR
- One participant noted they did not receive support post on the 01-Oct to the extent communicated by AEMO prior to cutover – this feedback will be included in the PIR process 9
- Impact of the late notice of B2B outage – this feedback will be included in the PIR proces



Metering Update

David Ripper and Dominik Ziomek

1 October 2021

- The transition period for existing Type 1-3 and subset of type 4 meters has now concluded
- MCs must continue to ensure that their MSPs are compliant with the NER and AEMO procedures
- AEMO will continue to monitor compliance to the NER and AEMO Procedures, including the use of Accreditation Audits
- Notes:
 - MPs
 - All type 1-3 and subset of type 4 meters must now be producing 5min metering data
 - Any non-compliant meters should be reported to AEMO, the AER and effected Participants asap
 - All new and replacement type 1-4, 4A and VIC AMI meters installed from 1 Dec 2018 and 1 Dec 2019 (type 4A) must be producing 5min metering data by 1 Dec 2022
 - Read Type Codes (RTCs) must be updated, as per AEMO's Procedures, to reflect the correct capability of the meter
 - MDPs
 - MDPs must now be delivering 5min metering data for all type 1-3, subset of 4, 7 and NCONUML connections in MDFF
 - MDMF metering data associated to 1 Oct 2021 onwards will be rejected by AEMO
 - CNDS records associated to all type 1-3, 4, 7 and NCONUML should now be at Register level
 - Any new CNDS records, for any interval meter type, with an effective date \geq 1 Oct 2021 must now be created at the register level

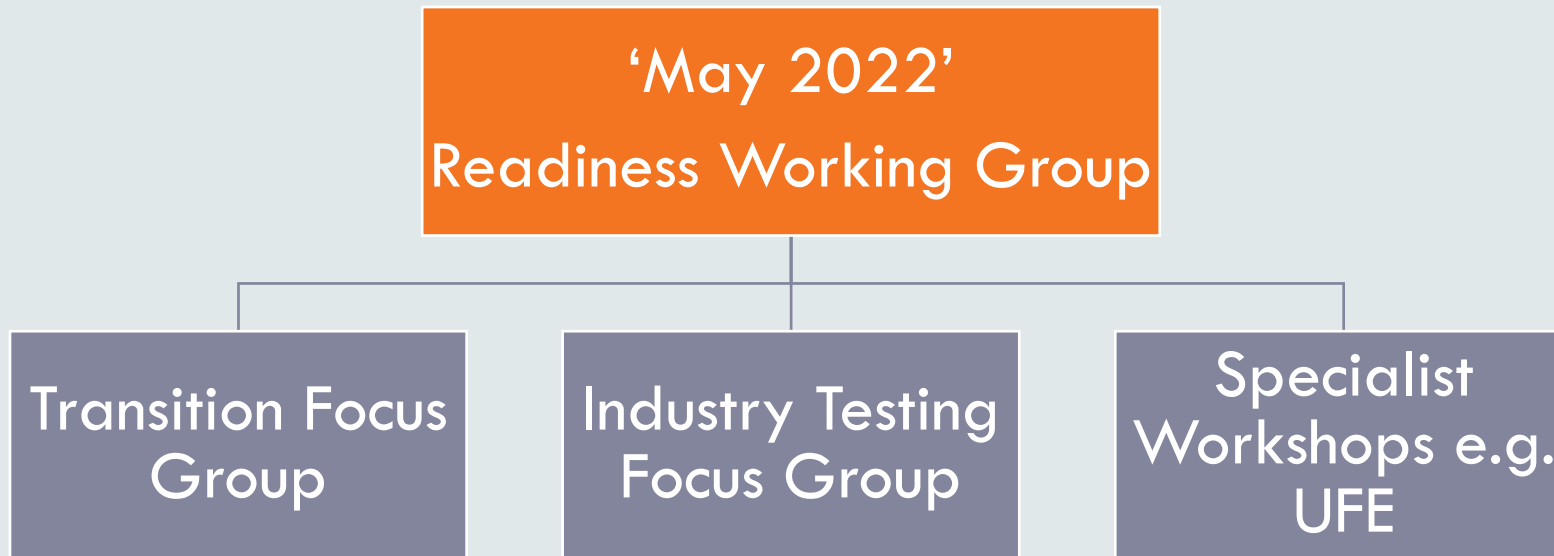
May 2022 Delivery: approach to engagement and readiness

Anne-Marie McCague & Greg Minney

Proposed approach for discussion purposes

- AEMO is proposing to provide a coordinated approach for all key initiatives that commence on 1 May 2022, including:
 - Global Settlements (GS) Rule Commencement
 - MSATS Standing Data Review (MSDR), Phase 1
 - Metering Coordinator Planned Interruption (MCPI)
- A consolidated set of milestones, issues and risks will be developed and managed across all initiatives
- AEMO does not propose a formal readiness reporting regime
- Participants will be responsible for their own readiness and compliance obligations
- Alignment of MCPI/MSDR and GS implementations to be managed as implementation risk under governance framework
 - GS Rule Commencement date is a key priority in managing implementation risk

Proposed Governance



- Nominations to be called for the May 2022 RWG

- May 2022 RWG will be a consolidation of 5MS PCF and RWG topics and objectives.
- An Executive Forum is not proposed given the scope and impact of the changes. Participants will be responsible for briefing their Executives.
- Focus Groups may be established and closed as required, in consultation with RWG.

Engagement Framework

Engagement Option	Purpose	Frequency / Timeframe	Representation	Materials
Readiness Working Group	<ul style="list-style-type: none"> Overall Program management <ul style="list-style-type: none"> Program milestones Issue and risk management Initiative Dependencies Specialist Focus group timing / requirement – e.g. UFE Workshop 	Monthly	<ul style="list-style-type: none"> Applicable Participant resources e.g., Project Managers AEMO resources 	<ul style="list-style-type: none"> Meeting packs and notes distributed to mailing list and published to AEMO's website
Transition Focus Group	<ul style="list-style-type: none"> Determine and manage the discrete activities in the May 2022 transition plan, including: <ul style="list-style-type: none"> Agreed approaches/mechanisms (including MSDR, GS, 5-minute meter activation) Timings on activity (participant and AEMO) Procedure interaction Other considerations e.g., CR volume management 	More often in the early stages, then as required	<ul style="list-style-type: none"> Analysts, SMEs, etc. 	<ul style="list-style-type: none"> Transition plan Guides Position clarifications Consolidated rollout volumes
Industry Testing Focus Group	<ul style="list-style-type: none"> Scope, plan, coordinate and execute Market trial/Industry testing 	Monthly from Jan/Feb 22	<ul style="list-style-type: none"> Test managers, Test Analysts 	<ul style="list-style-type: none"> Test plan Test cases Test data
Specialist Workshops	<ul style="list-style-type: none"> Discuss and consider key concepts and/or implications associated to a specific topic e.g.: <ul style="list-style-type: none"> UFE settlement, reporting and management <ul style="list-style-type: none"> Concepts and mechanics Obligations, Participant and AEMO 	As required	<ul style="list-style-type: none"> Participant and AEMO SMEs 	<ul style="list-style-type: none"> Content and meeting packs available prior to session, notes and other artefacts distributed to mailing list and published to AEMO's website
Dedicated mailbox	<ul style="list-style-type: none"> Provides a single point of contact to AEMO re the program <ul style="list-style-type: none"> Connect participants with the correct AEMO representative to assist with questions or suggestions 	Working days/ Best efforts response	<ul style="list-style-type: none"> As required 	<ul style="list-style-type: none"> Distribution of program information Two-way exchange of information/feedback Confidential email exchanges between AEMO and participants
One-on-one meetings	<ul style="list-style-type: none"> Provide: <ul style="list-style-type: none"> An opportunity for Participants to raise specific matters with AEMO confidentially AEMO an opportunity to understand Participant Readiness 	As requested/required	<ul style="list-style-type: none"> Applicable Participant resources and AEMO 	<ul style="list-style-type: none"> Confidential discussion
Q&A Sessions	To ensure Participants have an opportunity to ask questions as required	TBD		

Indicative Topic Schedule

Month	RWG	Transition Focus Group	Industry Testing Focus Group
November	<ul style="list-style-type: none"> • Scope and governance confirmation • Plan on a page/Milestone review • Discuss key dependencies, risks and issues 	<ul style="list-style-type: none"> • Develop and consolidate Transition Plan activities 	N/A
December	<ul style="list-style-type: none"> • Confirmation of key risks, issues and dependencies • Progress updates 	<ul style="list-style-type: none"> • Finalise the initial version of the Transition Plan 	N/A
January	<ul style="list-style-type: none"> • Review milestone progress • Review and endorse Transition Plan • Establish Industry Testing Focus Group 	<ul style="list-style-type: none"> • Monitor, manage and execute transition plan activities • Discuss key items 	N/A
February	<ul style="list-style-type: none"> • Review milestone progress, risks and issues • Discuss key topics • Consider escalating items 	<ul style="list-style-type: none"> • Monitor, manage and execute transition plan activities • Discuss key items • Develop the Industry Go-Live Plan 	<ul style="list-style-type: none"> • Develop Test Strategy/Plan
March	<ul style="list-style-type: none"> • Review milestone and transition plan progress • Review risk and issues • Discuss the proposed Industry Go-Live Plan • Review and endorse Release Test Strategy/Plan 	<ul style="list-style-type: none"> • Monitor, manage and execute transition plan activities • Discuss key items • Finalise Go-Live Planning 	<ul style="list-style-type: none"> • Conduct participant testing
April	<ul style="list-style-type: none"> • Review milestone and transition plan progress • Receive Industry Testing Planning Update • Finalise Industry Go-Live Plan 	<ul style="list-style-type: none"> • Monitor, manage and execute transition plan activities • Discuss key items • Prepare for go-live 	<ul style="list-style-type: none"> • Complete participant testing
May	Go Live		

Note, this table provides an initial indication of the draft topic schedule, for discussion. This schedule is under development and will continue to evolve over the course of the program.

Participant Feedback Requested

- RWG Feedback is being requested
- Areas for feedback:
 - Proposed approach
 - Proposed governance
 - Proposed engagement framework
 - Proposed topic schedule
 - Initial views on priorities, risks and issues
- Please provide feedback via email to 5MS@AEMO.com.au by Friday 15 October
- AEMO will consider feedback and present the updated approach to the PCF on 22 October

Next Steps

Greg Minney

Next Steps

- 5MS Readiness Working Group is now closed
- Q&A sessions scheduled will proceed as discussed and will be the forum for questions relating to 5MS defects and defect fixes deployments
 - Schedule to be reviewed post Transition Week Preliminary issue based on level of incidents/questions
- All issues and incidents should be logged with Support Hub
 - General questions can also be logged through Support Hub
- GS/MSDR/MCPI approach to be finalised at PCF with first working group in November
 - Full calendar to be issued by end of November.
- A dedicated mailbox for GS/MSDR/MCPI will be set up.

B2M volume testing in pre-production



- If participants want to perform B2M volume testing in pre-production, please provide AEMO with minimum 48 hours' notice through Support Hub so that we can accommodate participant

Questions