

2022 Implementation Forum

Tuesday 26th July 2022

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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	10:00 – 10:05	Welcome and Agenda	Greg Minney
2	10:05 – 10:10	Actions	Chris Fleming
3	10:10 - 10:25	November Milestone update	Chris Fleming
4	10:25 – 10:40	May 23 Release - Update	Meghan Bibby
5	10:40 – 10:50	MSDR / B2B delivery Update	Jim Agelopoulos
7	10:50 – 11:00	MSDR Focus Group Update	Blaine Miner
8	11:00 – 11:20	November Release Industry Test Update	Tui Grant
10	11:20 – 11:35	Industry Risk and Issues review	Greg Minney
11	11:35 – 11:45	Forward Plan and Other Business - Tranche 2 meter Rollout	Greg Minney
12	11:45 – 12:50	Questions	Greg Minney
13	12:00	Meeting Close	Greg Minney

Actions

Greg Minney



Actions

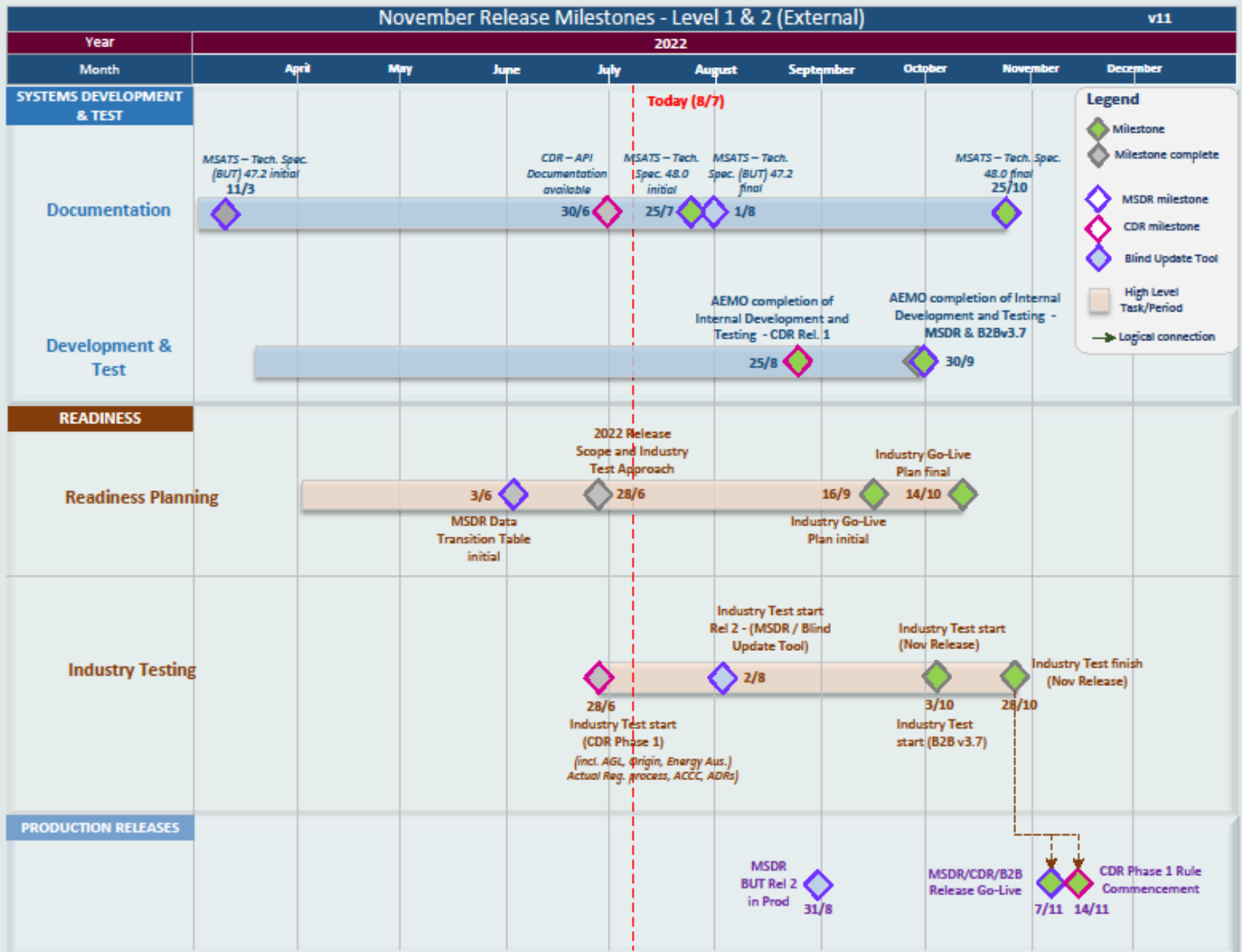
ID	Status	Action	Comment
5.1	Open	Enumeration Lists	AEMO to confirm how the enumeration list details will be published and provide update to the Implementation Forum
5.2	Open	Code Groups	AEMO to confirm if the code groups and descriptions within MSATS are available through the C1 report
8.1	Open	Risks and Issues	AEMO to consider inclusion of Industry risk to reflect B2M and B2B alignment
8.2	Open	Risks and Issues	AEMO to distribute details of Industry Risk R12 for Participant input
8.3	Open	Risks and Issues	Participants to reflect on the impacts and mitigations in place to risk R12 and provide suggested ratings and updated mitigation approaches

November 22 Milestones

Chris Fleming



Program Updates



AEMO development and Testing on track for commencement of Bulk Update Tool Industry test on 2/8.

AEMO development (MSDR, CDR Phase 1, B2Bv3.7) remains on track with the final release on 30/9.

MSATS Technical Specification revision and CDR documentation is on schedule. The final version of MSATS Tech Spec v47.2 is due on 1/8 and the initial version of the MSATS Tech Spec v48.0 is due on 25/7.

MSDR Focus Group – Reviewed Participant Blind Update Script feedback and forecast volume impacts. Most LNSPs have received requested Address extracts. Requested input on transition planning & coordination from Participants.

CDR API documentation has been published. DERR CDR APIs have been released to pre-production. Currently onboarding Retailers for Industry Testing.

Industry Test Scope and Approach has been released. ITFG and Q&A sessions have been established and participants have nominated representatives. Working with the ITFG to determine if the Industry Test start date for the Nov Release can be moved forward.

May 23 Release Planning

Meghan / Greg



May 23 Release

Initiative	Scope	Comment
Meter Exemptions (MSDR)	Automation of AEMO Exemption process	Component of MSDR scope
CDR Phase 2	Complex Account Query Introduction of Last Consumer Change Date in MSATS	Applies to 3 major retailers AEMO has extended the timeframe for the publication of draft report to allow for a third workshop on 27 July 2022 to be run by the DSB. Note that MSATS change will apply to all retailers.
SAPS	Introduction of Stand Alone Power Systems (SAPS)	AEMO has <i>further</i> extended the date for publication of the second draft determination and procedures for the Standalone Power Systems (SAPS) – Identifying a SAPS NMI in MSATS. Second workshop scheduled for 2 nd August 2022. The extension is required for AEMO to consider and evaluate the complex issues arising from stakeholder submissions provided to the first draft determination, including arrangements in Victoria, application of calculation methodology for SAPS customers, and the flow of metering data between participants and AEMO.
B2Bv3.8	<ul style="list-style-type: none"> Coincident Service Orders using a Single Notified Party Shared Fuse One Way Notification 	Final report published 5 th July 2022.
IESS (Phase 1)	31 March 2023: the ‘interim’ release which will enable: <ul style="list-style-type: none"> Aggregators of small generating and storage units to provide ancillary services Hybrid systems to use aggregated dispatch conformance 	NEM 2025 initiative with interim implementation scheduled 31 March 2023. Dispatch Information Paper due to be published on 21 July 2022.

MSDR Delivery Update

Jim Agelopoulos



MSDR Delivery update

Deliverable	Content	Status	Draft Release	Final Release
PACKAGE 1 – Blind Update Tool (MSATS Release 47.2)				
MSATS Technical Specification (v47.2)	Describes the projects and enhancements planned by AEMO from a participant perspective and includes the related changes to participants' IT systems	Draft published	11-Mar-22 (Updated monthly if required)	02-Aug-22
Guide to CSV Data Format Standard*	Updated with new fields required for the Blind Update Tool (BUT).	Draft published	TBC 06-Jun-22	02-Aug-22
Guide to MSATS reports	Updated with changes to MSATS C1 report and information about the Snapshot report Note: Details documented in published MSATS Tech Spec 47.2	Under Development	02-Aug-22	02-Aug-22
Guide to MSATS Web Portal*	Updated with: <ul style="list-style-type: none"> Using the Blind Update Tool (BUT) interface How to construct payloads for the web and API interfaces. Blind Update Tool (BUT) validation matrix 	Draft published	17-Jun-22	02-Aug-22
Blind Update Tool API Reference*	Updated with Blind Update Tool APIs	Draft published	17-Jun-22	02-Aug-22
Guide to User Rights Management	Updated with new URM entity for the Blind Update Tool Note: Details documented in published MSATS Tech Spec 47.2	Under Development	02-Aug-22	02-Aug-22
Technical Guide to MSATS	Updated to include information about the Blind Update Tool (BUT) and Snapshot report Note: Details documented in published MSATS Tech Spec 47.2	Under Development	02-Aug-22	02-Aug-22
Enumeration publication	A list of enumerations with Code groups and descriptions. Note: Proposed ENUMs have been published in the PreProd Markets portal. Final publication to the Production Markets Portal pending approval by the ERCF which is convening on 28 th July.	Under Development	02-Aug-22	02-Aug-22
PACKAGE 2 – MSDR core changes & B2B v3.7 (MSATS Release 48.0)				
MSATS Technical Specification (v48.0)	Describes the projects and enhancements planned by AEMO from a participant perspective and includes the related changes to participants' IT systems	Under Development	25-Jul-22 (Updated monthly if required)	04-Oct-22
B2M Mapping to aseXML	New guide detailing the mapping between the MSATS B2M procedures and the aseXML schema	Under Development	02-Aug-22 15-Sep-22	02-Aug-22 04-Oct-22
Validation Module Matrix	Version 2.1 of the Validation Module Matrix to reflect the field validation requirements of B2B v3.7	Under Development	TBC	04-Oct-22

* Link to item detailed in Section 1.9 of the MSATS Technical Specification (v47.2)

MSDR Focus Group

Blaine Miner



MSDR Focus Group Update

- The MSDR Focus Group met on Monday 18 July 2022
- Agenda included:
 - BUT Update
 - Development and testing update
 - Blind Scripts Update
 - Feedback from members and updated approach
 - Provision of Address Details Update
 - All LNSP requests have been actioned, future dated requests are pending
 - MSDR MSATS CR Validation Logic
 - AEMO CR Validation logic supporting 7 November 2022, 1 May 2023 and 7 November 2023
 - Transition Planning and Scheduling
 - Consideration of what ongoing planning, scheduling and coordination is required to assist Industry in successfully completing MSDR Data Transition Table activities
- Next meeting scheduled for Monday 22 August 2022

Industry Testing Update

Tui Grant



Industry Testing - ITFG Scheduling and Confirmed Participants

- Last meeting, nominations for ITFG were requested. Confirmed members are:
 - AGL, Origin, Jemena, Alinta, TasNetworks, Red Energy, Telstra Energy, PlusES, Alcoa, Endeavour Energy, Brave Energy, and Hansen
 - Further nominations requested ahead of tomorrow's ITFG
- ITFG meetings have been scheduled for the following dates
 - Wed 27th July
 - Wed 24th Aug
 - Wed 21st Sept
- Q&A Sessions have been scheduled for the following dates
 - Tues 2nd August & Friday 5th August
 - Tues 9th August & Friday 12th August
 - Tues 16th August & Friday 19th August
 - Tues 23rd August & Friday 26th August
 - Tues 30th August

BUT Volume Testing

Approach:

- AEMO's BUT volume testing in lower environments has confirmed that batches of 75,000 transactions can be supported
- Given the configurations and capacity of the higher environments we expect improved performance in both Pre-prod (initially) and Prod (when deployed)
- Propose that once the BUT capability is released to Pre-prod, the project will schedule a volume test with a volunteer participant to confirm likely improved performance and to provide updated metrics
- Arrangements for the Participant testing will be confirmed via the ITFG

Industry Risks and Issues Review – November 2022

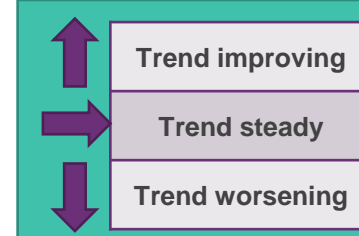
Greg Minney



Approach to the risk review

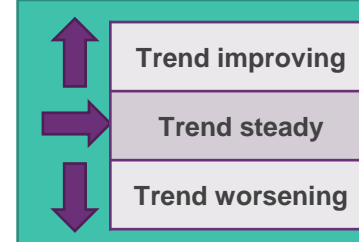
- Review of trends and Risk ratings against key Industry risk and verification of mitigation strategies with November emphasis
- New industry risks noted from previous review
- Re-rating of November risks for Participant review

November Readiness Risks



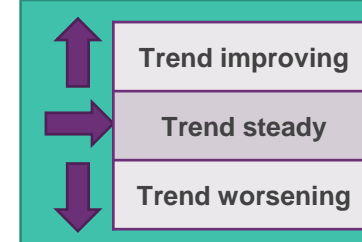
ID	Description	Inherent Rating	Controls/Comments	Residual Rating	Proposed Trend
R4	<p><u>Risk of AEMO cutover failure</u> There is a risk that AEMO systems will not go-live as scheduled with the planned cutover window resulting in an impact to participants' processes and market operations</p>	<p>Likelihood: Possible Consequence: Major Rating: Significant</p>	<ul style="list-style-type: none"> No Standing data conversion required at cutover reduces impact Cutover Planning to prove expected timings and manage impacts on production operations Industry Go-Live Plans to be developed to establish production operation timings and review post execution 	<p>Likelihood: Unlikely Consequence: Major Rating: Medium</p>	
R5	<p><u>Resource constraints due to volume of market change</u> There is a risk that the key resources needed to focus on the upcoming rule changes are not able to do so due to these ongoing production defects as a result of recent changes including 5MS / GS and MCPI and the overall program workload</p>	<p>Likelihood: Possible Consequence: Major Rating: Significant</p>	<ul style="list-style-type: none"> Outstanding Defects from Go-Live have been addressed Stable production operation since go-live Participants to manage their resource schedule and implementation plans Transition approaches to stagger timing of bulk updates for participant planning Proposing that this risk now be updated to reflect ongoing program of work 	<p>Likelihood: Unlikely Consequence: medium Rating: Medium</p>	

November Industry Risks



ID	Description	Inherent Rating	Controls/Comments	Residual Rating	
R8	Late changes to the schema or procedural documents may result in rework and put regulatory timeline at risk	Likelihood: Unlikely Consequence: Moderate Rating: Medium	<ul style="list-style-type: none"> R42 schema has undergone extensive consultation through the ASWG and an open industry consultation. It is not expected that there will be additional changes post the final version being issued for the May release Procedure consultations took place in 2019 and a consolidation process is due for completion on 31-Jan-21 MSDR focus group has considered compliance windows in association with procedural requirements 	Likelihood: Unlikely Consequence: Minor Rating: Low	↑
R9	Inconsistencies between schema and procedural documents may cause confusion, delays and rework and put regulatory timeline at risk	Likelihood: Unlikely Consequence: Minor Rating: Low	<ul style="list-style-type: none"> Risk for May is low as only changes is the Shared Isolation Point Flag MSDR implementation timeframes support procedure changes with compliance windows identified 	Likelihood: Unlikely Consequence: Minor Rating: Low	↑
R10	<u>BUT Production availability for participant use</u> Production availability of BUT update capability must provide for sufficient opportunity for participant testing prior to release to address potential impacts to participant operations and May 1 GS / MCPI delivery	Likelihood: Possible Consequence: Minor Rating Low	<ul style="list-style-type: none"> Proposed availability date for BUT / SIFP updates confirmed as post May 1 production release AEMO program to support Industry Test period, including issue resolution, prior to production release Agreed milestones provide 1 month of industry test prior production deployment 	Likelihood: Possible Consequence: Minor Rating Low	↑

November Industry Risks



ID	Description	Inherent Rating	Controls/Comments	Residual Rating	
R11	<p><u>Scope and Delivery timeframes for BUT are still being established</u> Delays in finalising scope and in the delivery of BUT capability have the potential to compress participant timeframes and delay population of SIPF</p>	<p>Likelihood: Possible Consequence: Medium Rating: Medium</p>	<ul style="list-style-type: none"> SIPF population timeframes for existing NMI extend to May 23 BUT Delivery scope and timeframes have been agreed Participant population plans have been received Proposing that this risk now be closed 	<p>Likelihood: Unlikely Consequence: Minor Rating: Low</p>	
R12	<p><u>Market Update Volumes in 2022/ 1st Half 2023 impact participant processing capacity</u> Volume of market updates for Tranche 2 meters, RTC updates, Net to Register CR updates, MSDR standing data updates combined with lack of visibility to consolidated timings for each activity may result in participant inabilities to support total volume of change</p>	<p>Likelihood: Possible Consequence: Major Rating: Significant</p>	<ul style="list-style-type: none"> Consolidated Tranche 2 rollout plans are being circulated with rollout / update scheduled to complete by December 2022 ... Consolidated 5 Minute RTC Volumes are shifting out towards the end of the year. Sept 630,00, Oct 516,000, Nov 277,000 respective updates Data transition (via BUT) for MSDR fields will occur post Nov 7 release with timings by participant being developed MSDR Focus group to co-ordinate development of participant data transition timings / plan to establish timings Procedures support phased transition through 2023 (2025 for GPS Co-ordinates) for data population activities Consideration to limit BUT tool usage to 12-18 months to limit participant necessity to continue C1 / snapshot reports 	<p>Likelihood: Possible Consequence: Medium Rating: Medium</p>	

Next Steps

- Industry Risks and Issues Register will be updated and published on the website
- Review of November Risks by Participants
- Key risks will be reviewed on a monthly basis with new risks and issues being added as they arise
- Participants to indicate risks where further mitigations are required to effectively manage documented risk
- RWG to provide any additional feedback on risks to GSMSTR@aemo.com.au

Forward Planning & Other Business

Greg Minney



Other Business

- Tranche 2 rollout plans
 - June updates have been distributed

August Implementation Forum Indicative Topics

- Preparations for BUT delivery to prod
 - Issues (if any) noted in Industry Test period
- Scope update for May 23 release
- Update on NEM2025 Stakeholder Engagement Approach

Upcoming Meetings

JUNE

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		

JULY

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AUGUST

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SEPTEMBER

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OCTOBER

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NOVEMBER

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WORKING GROUPS
2022 Implementation Forum
Last Tues of month 10am-12pm
ITFG
Last Wed of Month 10am – 11am
UFE (UFE FG)
Thurs before Imp. Forum 2-4pm
MSDR (MSDR FG)
3rd Mon of month 10am-12pm
National Public Holiday
State Public Holiday

Questions

