2022 Implementation Forum

Tuesday 27th September 2022

This meeting is recorded for the purpose of minute taking.

Please disconnect from your workplace VPN for the Teams 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

Chris Fleming





Agenda

#	Time	Торіс	Presenter
1	10:00 – 10:05	Welcome and Agenda	Greg Minney
2	10:05 – 10:10	Actions	Chris Fleming
3	10:10 - 10:20	November Milestone update	Chris Fleming
4	10:20 - 10:30	2023 Release - Update	Greg Minney / Meghan Bibby
5	10:30 – 10:40	MSDR / B2B delivery Update	Jim Agelopoulos
6	10:40 – 10:50	0 – 10:50 MSDR Focus Group Update Blaine Miner	
7	10:50 – 11:00	November Implementation Plan	Chris Fleming
8	11:00 – 11:20	Industry Test Update	Tui Grant
9	11:20 – 11:25	Industry Risk and Issues review	Greg Minney
10	11:25 – 11:35	NEM2025 Engagement and upcoming sessions	Greg Minney
10	11:35 – 11:45	Forward Plan and Other Business - Tranche 2 meter Rollout Greg Minney	
11	11:45 – 12:50	Questions Greg Minney	
12	12:00	Meeting Close	Greg Minney



Actions

Chris Fleming







ID	Status	Action	Comment
9.1	Open	Close Risk #10 'Scope and Delivery timeframes for BUT are still being	Risk to be closed as development is complete for November Release
		established'	



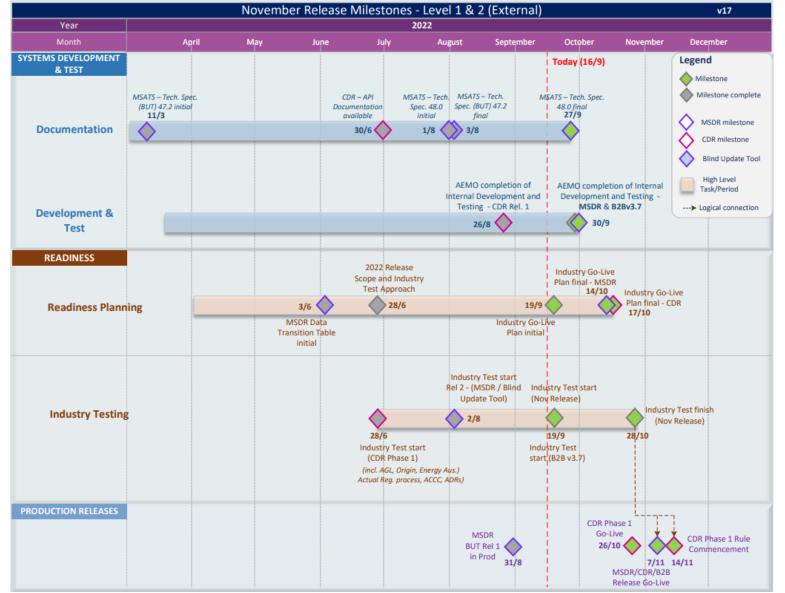
November 22 Milestones

Chris Fleming



Nov 22 - Program Updates





Blind Update Tool (BUT) has been released in Production (30/8) and the SIPF updates are now progressing.

Draft Go-Live Plan for MSATS/B2B socialised for review. CDR Go-Live Plan to be released 3/10.

AEMO development (MSDR, B2Bv3.7) remains on track to be deployed into pre-prod on 27/9.

CDR Industry Testing is continuing and eMDM APIs have been released to Pre-Prod (30/8). APIs will be available to Retailers in production for connectivity & performance testing from 26/10. This has been brought forward from 14/11.

Blind Update Pseudo code for has been released to participants.

MSDR Focus Group – SIPF updates are now in progress with approx. 75% to 80% of SIPF updates executed.

ITFG Q&A sessions have resumed. No functional issues from Industry testing are currently outstanding.

Industry Testing for the November release commenced on 19/9 (pre-release testing) with the release deployed to pre-prod on 27/9.



2023 Release Planning

Meghan / Greg



Draft Milestone Structure



Milestone	Level	Overall Release	SAPS	B2B3.8	CDR - Customer Change Date	5 min Load Profile (ICF060)	Comments
	L1				0	,	L1 Milestones to manage progress against key Implementation in line with Regulatory Roadmap identifying where significant delay has potential to Impact rule commencement
Initiative							
Draft Determination Published (AEMC)	L1						Identifies point of NEM2025 Program Implementation Engagement
Rule Commencement Date(s)	L1		30/05/2023	30/05/2023	30/05/2023		Reflects effective date(s) for rule that will be met by implementation program
AEMO Internal Development and							
Testing Completed	L1	TBC					Produced for alignment with Industry Testing and deployment activities
Industry Testing Commence	L1	TBC					Will be staged go-live to support registration
	L2						L2 Milestones provide transparency for the completion of L1 milestones and support for participant preparation
Solution/ implementation							
Phase go-Live/ Deployment (s)	L2		TBC				Registrations available prior to Go-Live to support SAPS generator registration ahead of rule commencement
Procedures							
Consultation Papers issued	L2					30/09/2022 (TBC)	
Draft Documents Published	L2		25/08/2022		12/09/2022	2/12/2022 (TBC)	Draft Procedures determination
Final Documents Published	L2		3/11/2022	5/07/2022	8/11/2022	24/02/2024 (TBC)	Procedures finalised
2nd procedures Release for SAPS	L2		TBC				
Systems Development							
Technical Specs Draft	L2	TBC					Technical Documentation milestones to be supported by detailed scheduled of all supporting - milestone to reflect scope/ build requirements
Technical Specs Final	L2	TBC					
Data Model / Schema Draft	L2	TBC					B2M and B2B Schema's to B2B 3.8 and CDR Cust Change Date initiatives (r43/44)
Data Model / Schema final	L2	TBC					
AEMO Development Complete	L2	TBC					Progress milestone for Industry transparency
Industry Testing / Market Trial							
Testing Strategy (Approach) Published	L2	Nov 22 (TBC)					Outline of proposed Industry Testing Approach
Participant Preparation Completed	L2	TBC					
AEMO Preparation Completed	L2	TBC					
Industry Staging Environment release Available	L2	N/A					Not supported for this release
Readiness		,,,					By "Release"
Readiness Approach Published	L2	14/12/2022 (TBC)					Confirm Key aspects of Readiness support for Release
Transition Plan Published	L2	,,			ТВС		Dependent on outcome of consultation for history migration
Industry Go-Live Plan Published	L2	31/03/2023 (TBC)			.50		Activities and communication to take release live
Accreditation / Registration Plan	L2	. , ,	TBC			ТВС	If required to meet release changes post consultation on procedures

Draft Milestone Structure with dates to be confirmed at next Implementation Forum

Overall release milestones to apply to all initiatives

Scope / approach confirmation on basis of finalised procedures consultation

2023 Release 1 – Major Initiatives



Initiative	Scope	Comment
Meter Exemptions (MSDR)	 Automation of AEMO Exemption process Availability of Enumerations via C1 reports 1 May 2023: MCPI Compliance Holiday Ends 	Component of MSDR scope
CDR Phase 2	Complex Account Query	Applies to 3 major retailers
	Introduction of Last Consumer Change Date in MSATS	AEMO extended the timeframe for the publication of draft report to allow for the third workshop on 27 July 2022 run by the DSB. Draft Report published 12 September 2022. Submissions due 27 September. Final report due by 8 November 2022. Note that MSATS change will apply to all retailers.
SAPS	Introduction of Stand Alone Power Systems (SAPS)	AEMO 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 occurred on 2nd August 2022. Second Draft Report published 25 August 2022. Submissions due 22 September. Final report due by 3 November 2022.
B2Bv3.8	 Coincident Service Orders using a Single Notified Party Shared Fuse One Way Notification 	Final report published 5 th July 2022. New B2B schema to introduce Shared Fuse One Way Notification.

2023 Release 1 – Major Initiatives cont.



Initiative	Scope	Comment
5 Minute Load Profile (ICF060)	Review of methodology outlined in AEMO's Metrology Procedures Part B due to 'Spikes' in settlement volumes within a 30-minute period	AEMO presenting their analysis, options assessment and proposed next steps to the subgroup on Wed 24 Aug. Formal consultation expected to commence late Sept/early Oct 2022. Targeting a May 2023 effective/release date, this timing is dependent on consultation feedback and the complexity of the final solution.
IESS (Phase 1)	 31 March 2023: the 'interim' release which will enable: 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 published on 21 July 2022.

2023 Release 1 – Minor Initiatives



Initiative	Scope	Comment
ECRF Changes	 ICF_032: Child NMI standing data quality - TNI and DLF: Create a process that will automatically update the Embedded Network Codes Table in MSATS when a DLF or TNI changes at the Parent. When the Embedded Network Codes Table is updated the changed information will be provided to the participants via the daily replication report (C1). Once the ENM has been advised of these changes they can then apply these changes to the Child NMI where applicable. ICF_047: Updating Network Tariff for a Greenfield NMI: A configuration change to validation in MSATS on the CR3101 to allow the CR3101 to update the NTC for a Greenfield NMI rather than the system reject the CR. ICF064: 'House Number To Suffix' is a part of the Australian structured address standards. ICF065: Extend the current 130 business day limitation on NMID3 requests. ICF066: New 'CT Ratio Available' field values requested. 	Some ICFs still require consultation but are included for information as they are targeted for the 2023 Release 1.

NB. Implementation Dates included in the Scope column are the regulatory dates – Software deployment dates are being determined as part of Release Planning



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	Final 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	06-Jun-22	16-Sep-22 7-Nov-22
Guide to MSATS Web Portal*	Updated with: Using the Blind Update Tool (BUT) interface How to construct payloads for the web and API interfaces. Blind Update Tool (BUT) validation matrix	Final published	17-Jun-22	02-Aug-22
Blind Update Tool API Reference*	Updated with Blind Update Tool APIs	Final published	17-Jun-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.	Draft published	02-Aug-22	26-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	Draft published	25-Jul-22 (Updated monthly if required)	27-Sep-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 & MSATS Tech Spec 48.0	Under Development	16-Sep-22 7-Nov-22	27-Sep-22 7-Nov-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 & MSATS Tech Spec 48.0	Under Development	16-Sep-22 7-Nov-22	27-Sep-22 7-Nov-22
B2M Mapping to aseXML	New guide detailing the mapping between the MSATS B2M procedures and the aseXML schema	Under Development	TBD	TBD
Validation Module Matrix	Version 2.1 of the Validation Module Matrix to reflect the field validation requirements of B2B v3.7 Note: Details documented in published MSATS Tech Spec 48.0	Draft published	02-Aug-22	27-Sep-22 19-Sep-22

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



MSDR Focus Group

Blaine Miner







 The MSDR Focus Group did not meet during the month of September, as the execution of the BUT enabled SIPF updates was the group's priority

General Update:

- BUT enabled SIPF updates are progressing as scheduled
 - Almost 7.5M updates to have been completed by the time of this meeting
- Blind script mappings and pseudo scripts have been provided to FG members for their ongoing consideration
- Ongoing planning around MSDR Priority 1 fields to continue
 - Structured addresses
 - Meter Use
 - Controlled Load
 - Time of Day
- Next meeting scheduled for Monday 19 October 2022
 - Agenda to focus on activities relating to the Nov 2022 release and the associated transitional activities post the release e.g.:
 - The execution of the AEMO and Participant update scripts
 - The enablement of the MSDR supported BUT processes



Implementation Approach

Chris Fleming





Implementation Planning and Support

Go-Live Planning

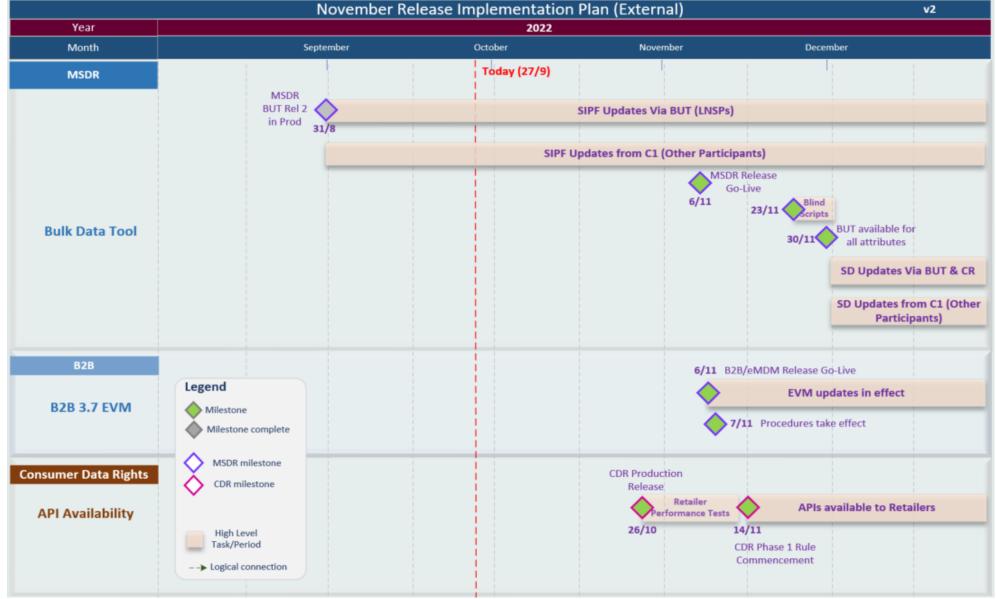
- Draft Go-Live Plan for MSATS/B2B has been released for review. Feedback requested by 3rd October
- Separate Draft Go-live Plan for CDR will be available for review on 3rd October

Support, Issues and Communications

- Go-Live Communications to participants during the go-Live window will be via the following channels
 - Support hub for outage notifications
 - GSMSDR mailbox
- Post Go-Live issues can be raised directly with the Support Hub
- Q&A Sessions will be run for Participants on alternate days from 7th November











#	AEMO actions	Industry Impacts and actions	Planned Time (Market Time)	Communication Channel
1	Notice of planned release for MSATS 48.0 and B2B 3.7		Monday 31 st October	Support Hub Bulletin
2	AEMO deploys MSATS release 48.0	MSATS, B2B and B2M outage during upgrade.	Sunday 6 th 10 am – 2 pm	Support Hub Bulletin at commencement and completion of outage. Completion of deployment and notification of B2M restart via GSMSDR mailbox.
3	MSATS Procedures for Standing Data, CATS & WIGs v5.31 come into effect	Refer to MSATS 48.0 Tech Spec section 8.3 (to be updated on 27/9) for B2M in-flight scenarios	Monday 7 th Nov 12:01 am	Notification via GSMSDR Mailbox as per Activity #2
4	B2B Procedures v3.7 Come into effect	Participants requiring new Standing Data values need to be using aseXML r41. B2B 3.7 - Change in Salutation/Personal name. No longer mandatory.	Monday 7 th Nov 12.01 am	Nil
5	AEMO executes Blind Script Updates	Blind Script updates to Standing Data according to rules in published pseudo scripts. BUT unavailable for the 24-hour period that AEMO and Industry are executing blind Script Updates.	Wednesday 23 rd Nov from 17:30	Notification via GSMSDR Mailbox on completion of the updates.
6		Participants to execute their versions of Blind scripts against their respective systems. Failure to run these scripts could result in significant operational impact to participants due to misalignment with MSATS.	Participants to proceed with updates on receipt of notification from GSMSDR Mailbox	24





Go-Live Plan MSATS/B2B (continued)

#	AEMO actions	Industry Impacts and actions	Planned Time (Market Time)	Communication Channel
7	MSATS BUT configured to enable update of remaining Standing Data Attributes	NA	Wednesday 30 th November	Notification via GSMSDR Mailbox when BUT is available again
8		Participants to commence use of BUT for remaining attributes	Participants can proceed with BUT updates as per the agreed schedule.	NA
9		Participants to monitor C1 reports for BUT changes and make updates to their systems' Standing Data to reflect the changes	From completion of activity # 8	NA





#	AEMO actions	Industry Impacts and actions	Planned Time (Market Time)	Communication Channel
1	Notice of planned CDR Phase 1 API release		Wednesday 19 th October	Support Hub Bulletin
2	AEMO deploys CDR Phase 1 APIs	CDR APIs are available for connectivity and performance testing. Availability of DERR APIs subject to the passing of NEL/NER amendments.	Wednesday 26 th October Time TBA	Support Hub Bulletin at completion of installation window. GSMSDR mailbox when APIs are available.
3	CDR Phase 1 Rule comes into effect.	APIs available to support CDR requests. Availability of DERR APIs subject to the passing of NEL/NER amendments.	Monday 14th November 2022 Time 00:00 hrs	GSMSDR mailbox



Industry Testing Update

Tui Grant



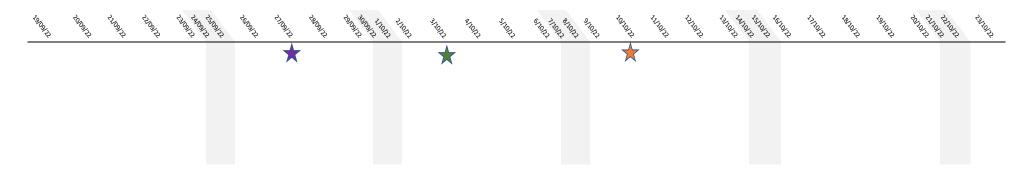


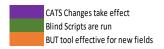
Industry Testing - MSDR November Release

Approach:

Testing intends to mimic the planned execution sequence of the MSDR go live which will be staggered over a number of weeks post go live.

- Set up and verification of inflight CATS changes
- Verification of blind script changes
- Release of BUT functionality for the agreed additional fields.





Industry Testing Progress



Current update on progress will be provided at the Implementation Forum

NEM2025 Engagement Approach

Greg Minney

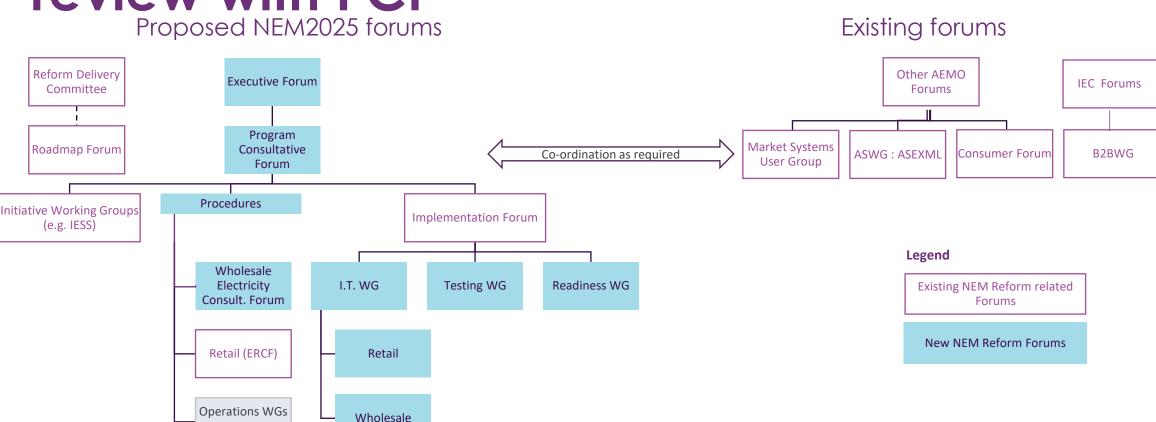






Proposed NEM Reform Implementation Forum and working group structure for review with PCF

(New & Existing)



Program forums and working groups



Туре	Channel	Purpose	Membership	Chair	Cadence
Decisions	EXECUTIVE FORUM	To facilitate engagement between AEMO and executive-level representatives from market bodies, market participants and consumer groups on matters relating to the implementation of the NEM2025 Program.	Executive and Senior industry stakeholders, Open nomination	Violette Mouchaileh	6-monthly and to be determined by the forum (October / April)
Dec	REFORM DELIVERY COMMITTEE	Co-design the development of, and updates to NEM2025 Implementation Roadmap	Executive and Senior industry stakeholders, Attendance by nomination by peak industry bodies	Violette Mouchaileh	Quarterly (Nov / Feb / May /Aug)
orums	PROGRAM CONSULTATIVE FORUM (PCF)	To collaborate with participants and intending participants on matters relating to the planning, coordination and implementation of the NEM2025 Program.	Open to nominated representatives	Peter Caruthers	Monthly (1st week of month)
ration F	INITIATIVE WORKING GROUPS	Undertake impact assessment following a final determination, collaborate on high level design & update mobilisation plan.	Open to nominated representatives	Initiative business lead	As Required
Coordination and Collaboration	IMPLEMENTATION FORUM (IF)	To collaborate with participants and intending participants on matters relating to the planning, coordination and implementation of the NEM2025 Program. See sub-groups on following page.	Open forum with current membership	Greg Minney	Monthly (3 rd week of month)
	PROCEDURES -Wholesale Electricity Consultative Forum - Retail Electricity Consultative Forum	To collaborate with participants and intending participants on the coordination, and the development of amendments to, procedures, guidelines and documentation required for implementation of reforms.	Open to nominated representatives		Monthly
ŏ		Will utilise AEMO / initiative forums to consult on specific topic areas as appropriate			



Program forums and working groups cont'

Туре	Channel	Purpose	Membership	Chair	Cadence
on Forum Groups	IT WORKING GROUP	Consultation on AEMO foundational/strategic initiatives implementation - Retail subgroup - Wholesale subgroup	Open to nominated representatives	TBD	TBD
Implementation - Working Gr	TESTING WORKING GROUP	Coordination and dialogue between subject matter experts on testing prior to each release, Test Planning and Joint issue resolution	Open to nominated representatives	Tui Grant	TBD
Implem - Wo	READINESS WORKING GROUP (RWG)	Coordination and dialogue between subject matter experts on readiness to go-live- if required given scale of initiative and level of market impact	Open to nominated representatives	Greg Minney	Monthly (As Required)
Information Forums	NEM REFORM ROADMAP FORUM	Facilitate broad industry perspectives on NEM reform and Roadmap iterations	Open attendance	Peter Caruthers	6 monthly/as required by roadmap updates
Infor	INDUSTRY INFORMATION SESSION	Provide high-level, transparent, timely information on program implementation	Open attendance	Peter Caruthers	Quarterly



NEM Reform Engagement Approach

- Initial PCF scheduled for 5th Oct
 - Agenda to address role, approach and scope of engagement
 - Participants requested to provide nominations via <u>NEM2025@aemo.com.au</u>
- Executive Forum
 - Seeking Registrations via <u>NEM2025@aemo.com.au</u>
- Implementation Forum
 - Will continue to focus on upcoming releases
 - Scope to include Wholesale and Retail electricity Implementations
 - Current participant nominations to continue, participants impacted by upcoming initiatives expected
- Procedures consultation
 - Retail Procedures consultation co-ordinated via ERCF
 - Wholesale procedures will be co-ordinated via WECF
 - Initial Session planned for late October
 - AEMO will issue request for participant registration along with draft TOR
 - Registration via <u>NEM2025@aemo.com.au</u>

Industry Risks and Issues Review – November 2022

Greg Minney







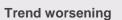


- Industry risks and issues will be consolidated with the PCF registers where appropriate
- Review of trends and Risk ratings against key Industry risk and verification of mitigation strategies with November emphasis
- New industry risks noted from previous review
- Re-rating of November risks for Participant review
- Implementation Forum Members to provide any additional feedback on risks to GSMSDR@aemo.com.au



Trend improving

Trend steady





November Industry Risks

ID	Description	Inherent Rating	Controls/Comments	Residual Rating	
R4	Risk of AEMO cutover failure 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	Likelihood: Possible Consequence: Major Rating: Significant	 No Standing data conversion required at cutover reduces impact Cutover Planning to provide expected timings and manage impacts on production operations Industry Go-Live Plans to be developed to establish production operation timings and review post execution November Go-Live plan in Draft 	Likelihood: Unlikely Consequence: Major Rating: Medium	
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	 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 No issues to date identified from Testing 	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	 MSDR implementation timeframes support procedure changes with compliance windows identified To be moved to the PCF risk register 	Likelihood: Unlikely Consequence: Minor Rating: Low	

November Industry Risks





ID	Description	Inherent Rating	Controls/Comments	Residual Rating	
R12	Market Update Volumes in 2022/ 1st Half 2023 impact participant processing capacity 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	Likelihood: Possible Consequence: Major Rating: Significant	 27/7 SIPF Updates are proceeding to schedule 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 	Likelihood: Possible Consequence: Medium Rating Medium	
R13	Ongoing level of Regulatory change impacts to participant capacity to implement. Volume and size of legislated (and planned) reform initiatives may exceed participant resourcing capacity resulting in delays and issues at rule implementation	Likelihood: Possible Consequence: Major Rating: Significant	 Regulatory Roadmap produced in consultation with industry representatives AEMO to adopt co-ordinated implementation program across Electricity reforms To be moved to the PCF risk register 	Likelihood: Unlikely Consequence: Minor Rating: Low	
R40	Not all participants have access to aseXML Enumerations via Market Net	Likelihood: Unlikely Consequence: Minor Rating: Low	This has been raised with the ERCF who are responsible for publishing the enumeration lists. Will monitor outcome from ERCF	Likelihood: Unlikely Consequence: Minor Rating: Low	
R41	Risk that ongoing changes result in the B2M and B2B procedures become misaligned	Likelihood: Unlikely Consequence: Moderate Rating: Medium	 AEMO to consider B2M / B2B mapping alignment To be moved to the PCF risk register 	Likelihood: Unlikely Consequence: Minor Rating: Low	



Forward Planning & Other Business

Greg Minney



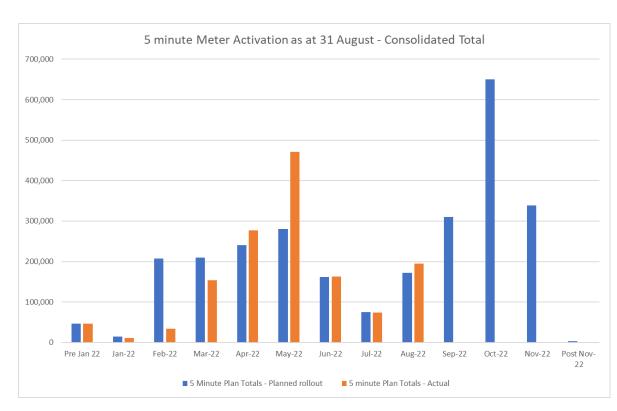
Other Business

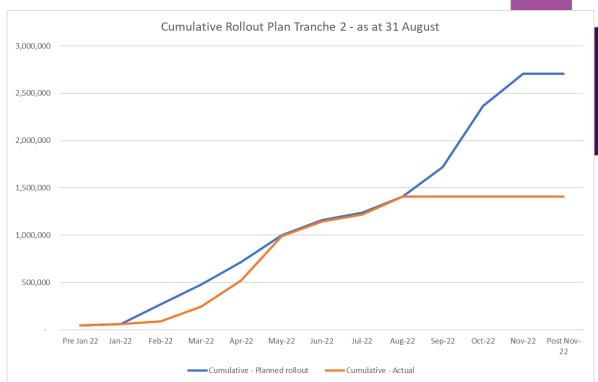


Consolidated Tranche 2 rollout plans

Consolidated 5-minute meter conversions







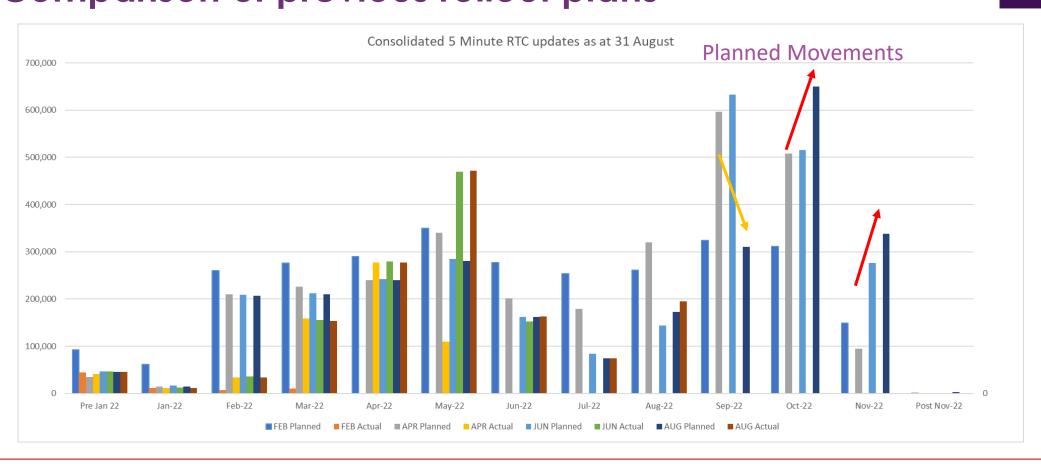
Based on plans provided by MDPs, as at 31 August

Approximately 1.42 million meters have been updated, with a further 1.28 million meters still require updating prior to 1 December 2022. This equates to an average of 428,000 per month for the next 3 months this is 100,000 more per month than reported in last months report

Note: 1 plan was not received

Consolidated 5-minute meter conversionsComparison of previous rollout plans





Comparison of February, April, June and August consolidated plan trends
Minor movement in July and August planned to actual
Large drop (300,000) planned for September, pushing more changes to the October and November periods.

October Implementation Forum Indicative Topics

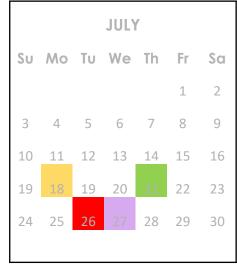


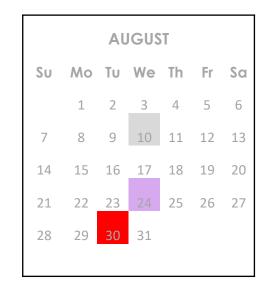
- Focus on Industry Test progress and November Implementation
- Planning for qtr 1 2023







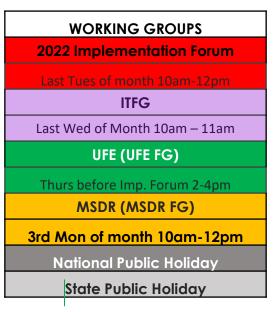




SEPTEMBER									
Su	Мо	Tu	We	Th	Fr	Sa			
				1	2	3			
4	5	6	7	8	9	10			
11	12	13	14	15	16	17			
18	19	20	21	22	23	24			
25	26	27	28	29	30				









Questions

