

# May 2022 Readiness Working Group #6

Friday, 22 April 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	Greg Minney
3	10:10 - 10:15	May Program Update	Greg Minney
4	10:15 – 10:25	MCPI/MSDR Update	Blaine Miner
5	10:25 – 10:40	Market Trial Status – and Outstanding Defect Summary	Tui Grant
6	10:40 – 11:10	Updated Industry Go Live plan for May release	Paul Lyttle
7	11:10 – 11:25	GS Go- Live	Greg Minney
8	11:25 – 11:30	UFE Focus Group #6 - Update	Greg Minney
9	11:30 – 11:40	November Implementation Forum	Greg Minney , Meghan Bibby
10	11:40 – 11:50	Industry Risk and Issues – April Review (not run due to overlap with Go-Live	Greg Minney
11	11:50 – 11:55	Forward Plan and Other Business Exec Forum – agenda and timing	Greg Minney
12	11:55 – 12:50	Questions	Greg Minney
13	12:00	Meeting Close	Greg Minney

# Actions

Greg Minney



# Actions

ID	Status	Action	Comment
4.9.2	Open	Tranche 2 metering rollout plans	GM to follow up on the outstanding tranche 2 metering rollout plans.
5.6.1	Open	Feedback on the NMI submissions	DB's to provide feedback and AEMO to circulate participants' proposed positions on having a window of the 28th April to the 3rd May. AEMO to provide summary on receipt for Participant planning.
5.8.1	Open	Industry Risks and Issues	GM to add new risk re BUT tool scope delivery to the current register.

# May 2022 Program Update

Greg Minney





# May 2022 Milestone List (1/3)

Update and move to Appendix

ID	Description	Workstream	Date	Owner	
L2-MS/MC-01	Draft aseXML Schema r42 (includes MS DR and MCPI) presented to ASWG	MSDR / MCPI	29 Nov 21	AEMO	Complete
L2-MS-02	MSDR Procedure minor amendments process commences	MSDR	03-Dec-21	AEMO	Complete
L2-MS/MC-03	Final aseXML Schema r42	MSDR / MCPI	14-Jan-22	AEMO / ASWG	Complete
L2-RE40	Industry Transition Plan - GS (Draft update)	GS	17-Dec-21	AEMO	Complete
L2-MS09	MSDR Procedure minor amendments submissions due	MSDR	17-Dec-21	Participants	Complete
L2-MS05	MSDR Phase 2 delivery approach	MSDR	17-Dec-21	AEMO	Initial Draft released 17th December, updates to be incorporated into 2022 Implementation plan for Nov
L2-MC04	Tech Spec update v2 – MCPI CR Processing - aseXML edits	MCPI	21Dec-21	AEMO	Complete
L2-MC	Tech Spec update v3 – MCPI CR Processing - MSATS Config Changes	MCPI	31Jan -22	AEMO	Complete
L2- MC	Tech Spec update v4 – MCPI CR Processing - MSATS Code Changes	MCPI	28 Feb-22	AEMO	Complete
L2-RE37	May Release Industry Test Strategy	GS / MCPI	18 Feb 22	AEMO / Participants	Complete
L2-MS10	MSDR Procedure amendment Final Determination	MSDR	04-Feb-21	AEMO	Complete

# May 2022 Milestone List (2/3)

ID	Description	Workstream	Date	Owner	Update
L2-MC06	User Guides Updates (GR processing)	MSDR	(TBC)	AEMO	Will not be issued for MCPI / May release, all changes incorporated into release for MSDR/ Nov
L2-RE38	Market Trial Plan - Draft	GS / MCPI	18-Feb-22	AEMO/ Participants	Complete – based on Market trial approach
L2-RE41	Industry Transition Plan -GS (Final)	GS	28-Feb-22	AEMO	complete
L2-RE42	AEMO capability completed for Market Trial / Industry Test	GS / MCPI	21-Mar-22	AEMO	complete
TBC	MCPI/MSDR Data Transition Plan	MCPI/ MSDR	TBC	AEMO	IN Progress as reported through MSDR focus group
L2-MC07	AEMO completion of Internal Development and testing	MCPI	21-Mar-22	AEMO	complete
L2-RE39	Market Trial Plan - Final	GS / MCPI	21-Mar-22	AEMO/ Participants	Complete
L2-RE26/27	Market Trial Preparation completed	GS / MCPI	21-Mar-22	AEMO/ Participants	Complete
L1-18	Market Trial Commencement	GS / MCPI	21-Mar-22	AEMO / Participants	Complete
L2-RE21	May Release Go-Live Plan - Final	GS / MCPI	12-Apr-22	AEMO	On Track

# May 2022 Milestone List (3/3)

ID	Description	Workstream	Date	Owner	Update
L1-20	Market Trial Completion	GS / MCPI	22-Apr-22	AEMO/ Participants	On Track
L1-5	GS and MCPI Go Live	GS / MCPI	01-May-22	AEMO/ Participants	On- Track
L1-23	Trends in UFE Report	GS	01-Jun-22	AEMO	On- Track
L1-24	Guidelines for UFE Reporting Framework	GS	01-Mar- 23	AEMO	Future deadline

# MCPI/MSDR Update

Blaine Miner

Update Required



# MCPI/MSDR Update

- The fifth meeting of the MSDR Focus Group occurred on Thursday 7 April
- The agenda included:
  - Key Milestones Update
    - Targeted BUT Pre-prod and Prod BUT dates, mentioned in MSDR FG #3, will unfortunately not be able to be met due to:
      - Increased effort associated to the development of the 3 native APIs
      - Unexpected key resource unavailability
    - Revised SIPP Update Plans will be requested from LNSPs once revised BUT dates have been confirmed
  - AEMO Blind Script Approach
    - Update existing values in the applicable CATS table to reflect the applicable valid procedural values
      - AEMO and FG members to ensure that the updates do not alter the meaning/intent of any existing data in the effected records
      - These updates would be blind script updates
        - No notifications would be generated to effected participants.
        - The updates would not be included in the C1 reports
    - AEMO would share the tested SQL script (or perhaps a pseudo script) with all participants as a means of assisting them in keeping their data in sync with MSATS

# MCPI/MSDR Update

- BUT Configurable Items

- BUT ONCE

- When set, it indicates that a BUT update can only be executed once against Standing Data by a submitting Participant ID for that 'Field ID' and Business Key\*

- CURRENT IS NULL

- When set, it indicates that a BUT update can only be executed if the current Standing Data record's value for the nominated 'Field ID' and Business Key is NULL.

- NEW NOT NULL

- When set, it indicates that the new/supplied 'Value' cannot be NULL for the corresponding BUT CSV Submission 'Field ID'.

- MSDR Data Transition Table/Plan

- Members had varying views re a number of field transition end dates

- Completion of the transition to Structured Addresses is viewed as the key priority

- 5 additional fields to be added to the MSDR Data Transition Table:

- 3 relating to the BUT's configurable items
    - 1 relating to the field's priority
    - 1 relating to field groupings

- A subgroup of the MSDR FG has been formed to initially populate 5 new fields

- The updated MSDR Data Transition Table will be circulated to the MSDR FG 2 weeks prior to the next MSDR FG for consideration and feedback

- Next MSDR FG meeting scheduled for Monday 23 May

# Industry Test / Market Trial Update

Tui Grant



# GS Market Trial Summary Outcomes

Strong representation from impacted participants in Industry Testing and Market Trial

All planned Global Settlement runs successfully completed

- Reschedule of run timing due to environment issues and at participant request
- No defects identified in settlement process
  - Participant noted differences due to:
    - GS calculation v/s Settlement by Difference
    - Metering data differences between prod and pre-prod environments
    - Data “cleanup” activity and timing in prod and pre-prod
- Defect identified in RM Reports (43/46) for calculation of ADMELA and consequently UFEF

Updated CR Processes for MCPI and GS tested via Industry Test

- Minor defects for backdated NMI create resolved

GS Transition

- Pre-prod used to confirm likely production run times
- All NMIs successfully updated to reflect Global Settlement transition
- Defects identified with reconciliation reports which required reports to be re-run
  - Exceptions noted in reports due to backdating of “glopool” updates for Market trial and timing of report process – will not occur in production

# GS Market Trial Summary Outcomes

## Defects Outstanding for Go-Live

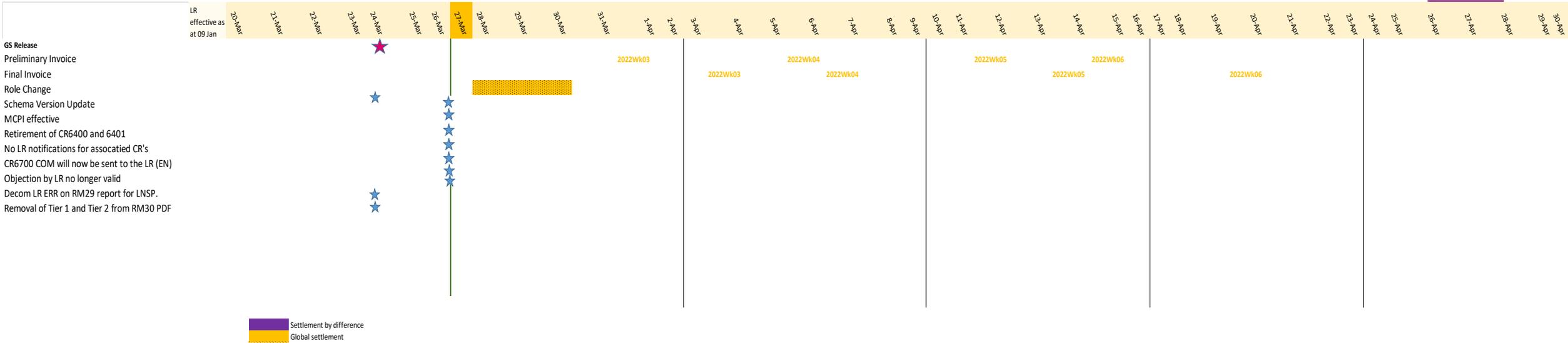
- Issue 239 – Mismatch in UFEF for RM reports (ADMELA)
  - Impacts calculation of ADMELA in Profile Areas with generation within embedded networks. Settlement process confirmed as correct, but RM reports will not exactly reconcile UFEA
  - Timeframe for fix deployment to be determined. Will have expedited release to prod and available for test in pre-prod

## Conclusion:

- GS market trial and GS/MCPI Industry Test successful
- No issues identified that will impact go-live

# Planned Market Trial Summary Timeline

- Trial Period Commences 21<sup>st</sup> March



## Progress to date 21/4/22

- Preliminary and Final Invoices provided for Participant consumption, schedule adjusted at participant request and for pre-prod environment issue, all scheduled runs successfully completed
- Defect 239 (RM 43/ 46 ) resolution in progress with availability date yet to be confirmed
- No defect identified that impact settlement values
- GS Reconciliation reports redistributed following updates, with participant follow up on individual NMI exceptions, mainly relate to date alignment in prep-prod environment
- Participant testing of CR processes conducted,
- Participant verification of first 3 GS Settlement Runs

# Market Trial GS Settlement Runs as at 21/4

Run	Planned Date	Issue Date	Status	Comment
2022WK3 Prelim	1 April	4 April		Prelim issued on 4 April for participant consumption, participant validation in progress
2022WK3 Final	4 April	7 April		Issued on 7 <sup>th</sup> April at 11.00am due to environmental issues in pre-prod. Rescheduled to allow participant consumption and verification of 2022WK03 Preliminary prior to issue of Final
2022WK4 Prelim	6 April	9 April		Rescheduled as a result of environment issues in preprod . Environment issues are preprod environment only and are not production impacts. Released 9 <sup>th</sup> April
2022WK4 Final	7 April	11 <sup>th</sup> April		Released 11 <sup>th</sup> April following participant request for reschedule
2022WK5 Prelim	12 April	14 <sup>th</sup> April		Released 14 <sup>th</sup> April following reschedule
2022WK5 Final	14 April	19 <sup>th</sup> April		Settlement Run Released
2022WK6 Prelim	15 April	21 <sup>th</sup> April		Run in Progress, delay due WDR data error which has now been rectified
2022WK6 Final	20 April	21 <sup>st</sup> April		Run in Progress, delay due WDR data error which has now been rectified

# GS Market Trial – Potential Defects raised as at 21/4



Practitest ID	Description	Priority	Expected resolution Date	Comments
232	CND_04 field on C1 report	Medium	Closed	Refer email with detail of field usage in MSATS
233	Transaction not received for XBOUNDRY where Essential Energy is the NSP2	medium	Closed	not valid, BCT does not current notify NSP2
234	Reconciliation files not matching Specification	High	Closed	Files Reissued, AEMO supporting follow up questions on NMIs included in file
235	Schema Issues - r42 Transactions return a r39_p1 Acknowledgement	medium	Closed	Represents current system operation
236	MSATS rejects retrospective update to Shared Isolation Point Flag	High	Closed	Deployed 12th April for retest
237	Prelim Settlement invoices does not have line item for UFE Charges	Medium	Closed	No separate line item for UFE
238	Schema Issues - NMI Standing Tags in r42 Schema have an incorrect version - Migration issue seen in previous releases	Medium	Closed	Due to missed step in deployment
239	Mismatch between UFE Factor (to calculate UFEA) in setcpdata and RM43 for TNI QTRL for STANWELL	High	Assigned	Issue with RM43/46 identified. Settlement values calculated correctly
240	Final Settlement Report for 2022Wk03 has a number of differences compared to Production	Medium	Closed	Explanation for differences provided to Participant , no defect identified-
241	NMIs excluded from UFE calculation	Medium	Closed	Explanation for differences provided to Participant , no defect identified-

# GS Market Trial – Potential Defects raised as at 21/4

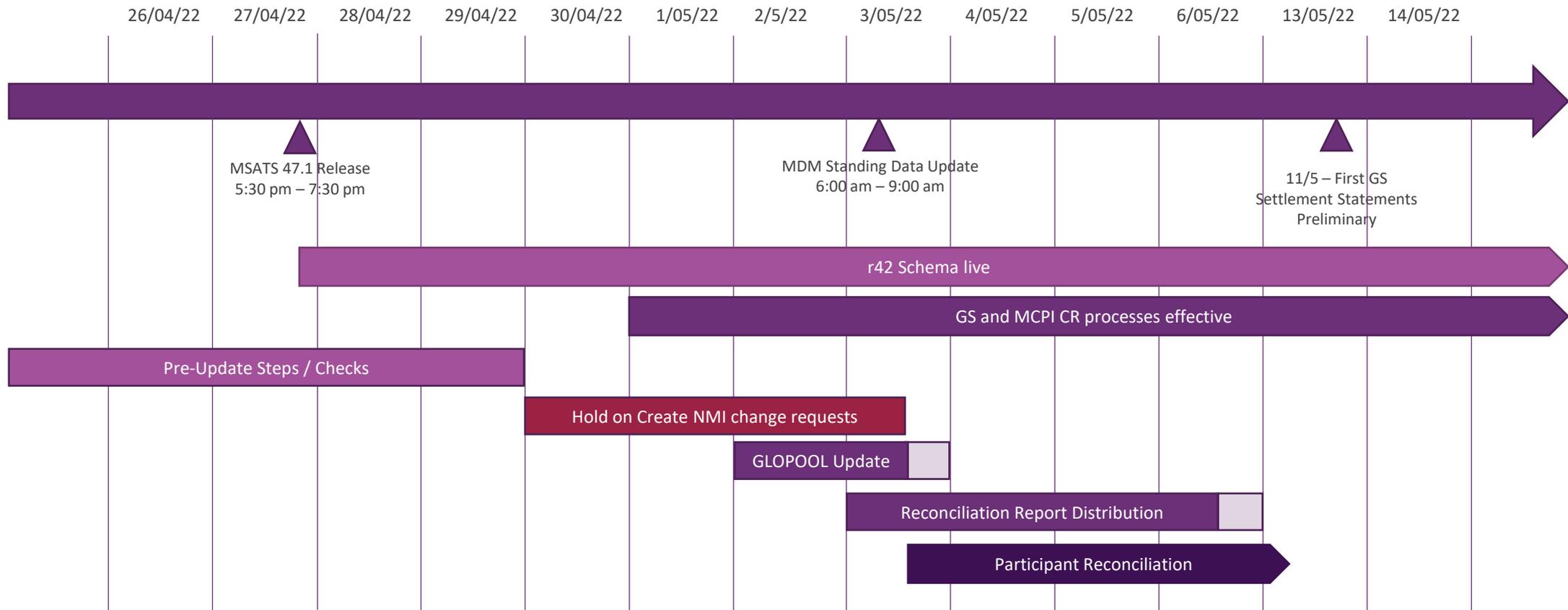
Practitest ID	Description	Priority	Expected resolution Date	Comments
242	GLOPOOL Reconciliation file is missing update and insert records for IEQLD participant	Medium	Assigned	In progress
243	Final Settlement Report for 2022Wk03 has some TNIs that have energy values different between RM27 and Settlement Report	Medium	Rejected	
244	GLOPOOL Reconciliation file is missing update and insert records for Powercor participant	Medium	Test Ready	
245	ADME values are 'NULL' in SETLOCALAREAENERGY table for all Local Area Id's	Medium	assigned	
246	GLOPOOL Reconciliation Report - Error extracting the report from sharepoint	Medium	Closed	

# May Release (GS and MCPI) Industry Go Live

Greg Minney and Paul Lyttle



# High level Timeline



# Key Changes to Draft Approach

- Timing for Software deployment confirmed as at Wednesday 27th 5.30 - 7.30pm - During regular production outage window
- Partial outage to MSATS / eMDM during Standing Data Synchronisation
  - Planned timeframe 6:00am – 9:00am Tuesday 3rd May – 3 Hrs outage
  - API NMI discovery not available during outage
  - Metering Data accepted but not ingested / acknowledged
  - RM settlement report requests not processed during Outage
- Timeframe for distribution of GLOPOOL reconciliation reports extended to Friday 6th
  - Updated timings for reconciliation queries and report preparation

# Industry Go-Live - Schedule

#	AEMO actions	Industry Impacts and actions	Planned Start Time (Market Time, Approximate only)	Communication Channel
1	Notice of planned release for MSATS 47.1 including r42 Schema		Wednesday 20 <sup>th</sup> April	Support Hub Bulletin
2		Participants confirm MSATS schema preferences in preparation for r42 schema release	Friday 22 <sup>nd</sup> April	GSMSDR Mailbox
3	AEMO provides extract <u>Count</u> of NMIs LR to be updated, and provide a <u>List</u> of NMIs FRMP to be updated		Tuesday 26 <sup>th</sup> April	List to be made available to LR participants only, Emailed to nominated account
4	AEMO deploys MSATS release 47.1 including r42 B2M schema	MSTATS, B2B and B2M outage during upgrade.	Wednesday 27 <sup>th</sup> 5.30 – 7.30 pm	Support Hub Bulletin at commencement and completion of outage?
5	MSATS 47.1 deployed	R42 Schema live, B2M schema preferences activated	Wednesday 27 <sup>th</sup> April 7.30pm	Support Hub Bulletin on outage completion
6	AEMO notifies Participants to stop raising NMI Create prior to GS update run	Participant to hold NMI create from 11:59 pm 29 <sup>th</sup> April - until completion of Bulk Glopool update – Task 12	Friday 29 <sup>th</sup> April 10:00 am	GSMSDR Mailbox

# Industry Go-Live - Schedule

#	AEMO actions	Industry Impacts and actions	Planned Start Time (Market Time, Approximate only)	Communication Channel
7	GS and MCPI procedure changes become effective	CR 200x, 505X transaction apply validation validations for changes effective post 1/5	Sunday 1 <sup>st</sup> May 12.01 AM	Nil
8	AEMO commences “GLOPOOL” Update	No MSATS outage. NMI discovery may return GLOPOOL or previous LR value during update period. No standing data replication to eMDM until completion of all updates	Monday 2 <sup>nd</sup> May 3:00 am	GSMSDR Mailbox
9	AEMO Provides progress update on BCT updates – includes estimate of completion progress		Monday 2 <sup>nd</sup> May 9:00 am	GSMSDR Mailbox
10	AEMO Provides progress update on BCT updates – includes estimate of completion progress		Monday 2 <sup>nd</sup> May 3:00 pm	GSMSDR Mailbox
11	AEMO Provides progress update on BCT updates – includes estimate of completion progress		Monday 2 <sup>nd</sup> May 9:00 pm	GSMSDR Mailbox
12	AEMO Provides progress update on BCT updates confirm Completion of BCT / MSATS update and will commence eMDM Standing Data Update	All GLOPOOL updates applied to MSATS Participants can recommence NMI create activity	Monday 2 <sup>nd</sup> May 11:30 pm	GSMSDR Mailbox

# Industry Go-Live - Schedule

#	AEMO actions	Industry Impacts and actions	Planned Start Time (Market Time, Approximate only)	Communication Channel
13	AEMO notifies participants that Metering data ingestion will be paused during Standing Data Synchronisation	Partial outage during eMDM standing data synchronisation. B2M, B2B, MSTAST available, with exception of NMI Discovery via API	Tuesday 3 <sup>rd</sup> May 4:00am	GSMSDR Mailbox
14	AEMO pauses Meter Data Ingestion during eMDM standing data synchronisation	Metering Data will be accepted but not ingested. API NMI Discovery not available during outage Delays in transaction acknowledgement, potential stop files, RW Settlement report requests not processed	Tuesday 3 <sup>rd</sup> May 6:00am	
15	AEMO restarts Meter Data Ingestion	Backlog files will commence reprocessing. RM Settlement reports processed Standing Data synchronisation complete API NMI Discovery available	Tuesday 3 <sup>rd</sup> May 9:00 am	GSMSDR Mailbox
16	AEMO finalises distribution of Reconciliation reports	Participant reconciliation of GLOPOOL updates	Friday 6 <sup>th</sup> May 5.00pm	Email to participant registered address
17	AEMO produces first preliminary invoice (week 19) under Global Settlement regime	Commencement of financial settlement of UFE	Friday 13 <sup>th</sup> May	Settlement calendar
18	AEMO conducts Industry Q&A following production of preliminary statements for first Global Settlement run		Wednesday 18 <sup>th</sup> May 10:00	Invitation via UFE Focus Group

# Participant Approaches to NMI creation during Transition

Participant	Hold NMI creation Date / Time	Restart NMI Create Date / Time	Approach
SA Power Networks	COB Apr-29	3-May	Our Connection team will stop process any Allocate NMI B2B SO Request after COB Apr-29 and only resume on 3-May (Tuesday).
Endeavour	29th April 10.00am	2nd May 11:30 pm	We expect retailers not to raise new NMI allocations during this period as we will be rejecting transactions with expectations that retailers will be able to reraise the request from the suggested recommencement time
CitiPower/ Powercor	29th April Midnight	3rd SOD	<p>From midnight 29th April all new connection, related meter, data stream and NMI 'made active' Change Requests will be parked (CRs not sent to MSATS). On start of day May 3rd May, the parked CR-2xxx transactions will be released to MSATS adhering to GS and MCPI changes effective May 1st i.e. LR will be GLOPOOL and payloads will include SIPF</p> <p>Post successful completion of the parked CR-2xxx transactions (i.e. May 4<sup>th</sup>), then associated meter (CR-30xx), data stream (CR-40xx) and NMI 'made active' (CR-5051) Change Requests (as appropriate) will be released to MSATS There is no change on the acceptance of the service orders during this period</p>
United	April 27th	3-May	<p>The completion of all inbound ALLOCATE NMI service orders will stop on Wednesday (27 April); Related CR2001 will be sent to AEMO as part of the regular CR processing. Last CR2001 will go out 00:01 28 April Completion process will restart on the 03 May (Tuesday). There is no change on the acceptance of the service orders during this period</p>
Ausgrid	27th April	3-May	<p>CR20xx will be paused from Thursday 27th April until Tuesday 3rd May 2022. GLOPOOL LR updates will be applied to our systems on Sunday 1st May 2022 via script. Parameters will be updated for GLOPOOL on Sunday 1st May 2022 to ensure future CR20xx are correct. CR20xx hold will be released on Tuesday 3rd May 2022. PVT on Tuesday as we return to Business as Usual.</p>
Jemena	midnight 29th April	11:30 pm May 2nd	JEN intend to pause their NMI Creation from <b>midnight 29<sup>th</sup> April</b> , recommencing at <b>11:30pm Monday 2<sup>nd</sup> May</b> (or when notified from AEMO).
Aurora	COB 29th April	3rd May	<p>TasNetworks will continue to process Allocate NMI Requests up until COB Friday 29<sup>th</sup> April. NMI creations are initiated with a Proposed Date of the day they are actioned (i.e. 29/04/22 in this case). If we are not allowed to create NMI's on Monday 2<sup>nd</sup> May, then we will recommence from Start of Business (SOB) on Tuesday 3<sup>rd</sup> May</p>
Energex	28th April	3rd May	<p>EQL will pause all publications of CR200X to MSATS. Applies from very early hours on 28 April 2022 This is an internal process that does not prevent Retailers sending "Allocate NMI" requests. Once AEMO advise the freeze can be lifted, NMI Creation publication will commence. Any in-flight CR200X will be handled as prescribed by AEMO in the fact sheet (published 22 Feb). In-flight CR200X are considered to be those CRs with an effective date of 28/04, 29/04, 30/04 AND LR = Not GLOPOOL – as advised by AEMO we will invoke scenario 3 Any CR200X with an effective date of 1/05, 2/05 and 3/05 will be sent with a LR = GLOPOOL (not considered an inflight) if the AEMO notification to cease the NMI freeze is provided post 4:30pm on 3 May – the EQL NMI freeze will be lifted on the morning of 4 May 2022</p>

# GS Go-Live approach

Greg Minney



# GS Go-Live Approach

- No major / showstopper issues identified during Market Trial
- Settlement Issues (if identified) addressed through settlement revision process
  - Changes applied, where possible, to be incorporated into subsequent settlement revisions for week in question
- Engagement for UFE management will continue via UFE Focus group
  - May 18 session for Q&A on preliminary invoice
- System issues logged through service desk using BAU process
  - Project team in place to support BAU operations
  - Priority defects incorporated into planned production releases

# UFE Focus Group Update

Greg Minney



# UFE Focus Group Update

- 6<sup>th</sup> UFE Focus Group held 15 March
- Agenda
  - Participant lead data population
  - Cross Boundary metering summary
  - Global Settlement Implementation
  - UFE trend and comparison analysis
- Next meeting scheduled for 18th May
  - Focus on first preliminary GS invoice – industry Q&A
  - Initial profile area comparative analysis

# Status of Global Settlement data updates

Below is a list of Participant related changes – Scheduled for UFE soft start 1/10/2021

- Create NMIs and activate datastreams, this includes:
  - Non Contestable Unmetered Loads – NCONUML
    - Completed with 99,336 Active NMIs
  - Tier 1 Basic NMIs and datastreams
    - Continuing with 45 NMIs still requiring update
- Standing Data
  - Boundary Loads - BULK
    - Completed with 1216 connection points
  - Transmission Wholesale - WHOLESAL
    - Completed with 483 connection points
  - Distribution Wholesale - DWHOLSAL
    - Completed with 1 connection points
  - Cross Boundary - XBOUNDRY
    - Continuing with 96 Registered
    - Including 12 Greenfield
    - Plus 6 still to be registered (Between United & CitiPower)
- 5 Minute Meter Data
  - Update the Read Type Code all 5 minute capable meters to have a 4<sup>th</sup> character of 'A' or 'D'
  - Deliver 5 Minute reads for all of the following connection types:
    - COMMS1, COMMS2 & COMMS3
      - 239 with incorrect RTC code.
    - COMMS4, COMMS4C & COMMS4D where the NMI Class Code is GENERATOR or NREG
      - 16 with incorrect RTC code.

Numbers provided as at 12 April 2022

All essential meters are providing 5 minute reads – monitoring continues

# 2022 Engagement Approach

Greg Minney and Meghan Bibby



# Engagement Approach

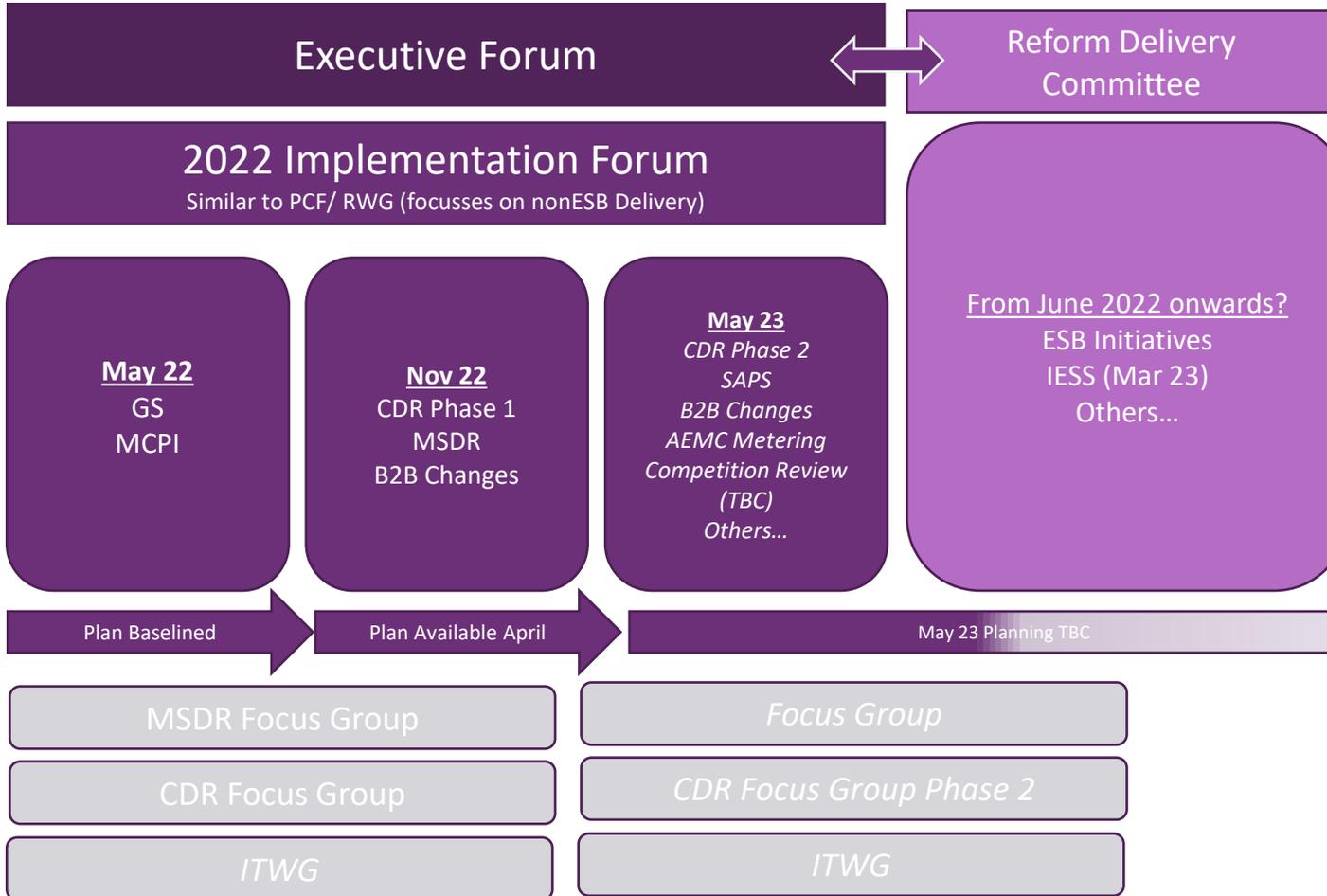
## Context:

- In response to Industry feedback AEMO proposes to extend the Engagement model established for 5MS to address delivery and implementation of regulatory reform initiatives in an integrated manner

## Scope:

- Retail systems, including Settlement as required

# Engagement Approach 2022



## Executive Forum:

Meets as Req'd, senior stakeholder engagement  
**Purpose:** 2022 AEMO Regulatory Implementation

## 2022 Implementation Forum

Meet Monthly, Project management and delivery team  
**Purpose:** Program Oversight co-ordination of all 2022 implementation programs  
 Milestone and progress management, including change impacts  
 Industry Issue and risk

## Focus Groups:

Meet Monthly / As Required  
**Purpose:** Detail development on specific subject areas eg MS DR Data Transition, Industry testing approach

# Industry Risks and Issues Review

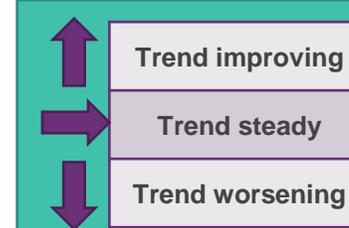
Greg Minney



# Approach to the risk review

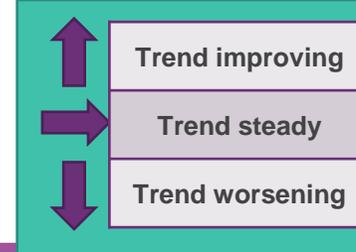
- Review of trends and Risk ratings against key Industry risk and verification of mitigation strategies
- New industry risks noted from previous review
- Risks raised relating to Nov 22 go-live will be managed through the MSDR FG to ensure that the RWG focuses on the May release

# May 22 Readiness Risks



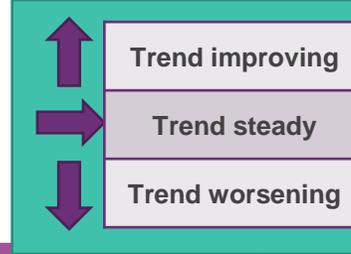
ID	Description	Inherent Rating	Controls/Comments	Residual Rating	Proposed Trend
R1	<p><b>Small participant readiness</b> Small participants are not adequately engaged due to resource limitations, resulting in small participants not having the ability or the information to execute their programs</p>	<p>Likelihood: Possible Consequence: Minor Rating: Medium</p>	<ul style="list-style-type: none"> <li>AEMO completed a number of rounds of small participant mailouts</li> <li>Relevant FRMPs will have started to see UFE as a line item on their bill and should be aware of the changes</li> <li>Rule commencement does not require a critical mass of participant readiness <b>(No Change)</b></li> </ul>	<p>Likelihood: Unlikely Consequence: Minor Rating: Low</p>	
R2	<p><b>Resources Constraints over summer period</b> There is a risk that there will be resource constraints over the summer period, particularly given the impact of covid and the intensity of 5MS, Customer Switching &amp; WDR commencements. This could impact participant delivery plans for 1 May 2022</p>	<p>Likelihood: Possible Consequence: Moderate Rating: Significant</p>	<ul style="list-style-type: none"> <li>Participants to manage their resource schedule and implementation plans</li> <li>Industry Test and Market Trials have been scheduled after the summer period where aligned resource delivery is required</li> <li>Scope of MS DR delivery removed from May release</li> <li><b>Risk Closed</b></li> </ul>	<p>Likelihood: Unlikely Consequence: Moderate Rating: Medium</p>	
R3	<p><b>The AEMO business and operations are not ready for GS and MCPI on 1 May 22</b> The AEMO business may not be ready to deliver the full extent of the 5MS deliverables by 5MS and GS rule commencement including business processes and resource training, resulting in failure of Go Live for 5MS and GS Program</p>	<p>Likelihood: Possible Consequence: Major Rating: Significant</p>	<ul style="list-style-type: none"> <li>GS rule commencement is incremental to 5MS implementations, Business resources are in place supporting current settlement processes with ongoing engagement approach established</li> <li>AEMO Delivery Program on track with testing underway and Market Trial to commence on schedule</li> <li>AEMO business operations in place for rule commencement</li> </ul>	<p>Likelihood: Unlikely Consequence: Major Rating: Medium</p>	
R4	<p><b>Risk of AEMO cutover failure</b> 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"> <li>Cutover Planning including trial transitions to prove expected timings and manage impacts on production operations</li> <li><b>Transition approaches tested successfully with industry during Market Trial</b></li> <li>Industry Go-Live Plans to be developed to establish production operation timings and review post execution</li> </ul>	<p>Likelihood: Unlikely Consequence: Major Rating: Medium</p>	
R5	<p><b>Resource constraints due to volume of market change</b> 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 and re-platforming of AEMO systems.</p>	<p>Likelihood: Possible Consequence: Major Rating: Significant</p>	<ul style="list-style-type: none"> <li>Participants to manage their resource schedule and implementation plans</li> <li>GS and MCPI go-live alignment to minimise overlapping change in 1<sup>st</sup> ½ of 2022</li> <li>Tfr risk to 2022 Implementation Forum</li> </ul>	TBC based on industry discussion	

# May 22 Industry Risks



ID	Description	Inherent Rating	Controls/Comments	Residual Rating	
R6	<b>Insufficient time for industry development for r42</b> The industry consultation for r42 will push to beyond 10-Dec-21 and therefore into the end of year shutdown period. There is a (low) risk that the industry will not pick up the final r42 files in time for internal development and testing ahead of market trials	Likelihood: Unlikely Consequence: Minor Rating: Low	<ul style="list-style-type: none"> <li>Functionality testing of new / changed fields beyond Shared Isolation Point Field not required prior November 7 release</li> <li>Data migration has been addressed in line with MSDR timeframes</li> <li>Industry testing for May release completed</li> </ul>	Likelihood: Unlikely Consequence: Minor Rating: Low	↑
R7	There is a risk that the schema cannot be sufficiently tested in May-22 as participants won't be ready to test all fields in the schema as/if a sufficient number of participants by role (FRMP, DNSP, MDP) is not ready to engage in testing. Specific focus needs to also be on 'negative testing', i.e. AEMO to not update fields even if provided	Likelihood: Unlikely Consequence: Minor Rating: Low	<ul style="list-style-type: none"> <li>The only field to be communicated for May-22 is the Shared Isolation Point Field. Other changes will not be activated in B2M process prior to 7<sup>th</sup> November</li> <li>Changes for May available for Industry test from 24<sup>th</sup> March</li> </ul>	Likelihood: Unlikely Consequence: Minor Rating: Low	↑
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"> <li>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</li> <li>Procedure consultations took place in 2019 and a consolidation process is due for completion on 31-Jan-21</li> <li>Tfr to 2022 Implementation Forum</li> </ul>	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"> <li>Risk for May is low as only changes is the Shared Isolation Point Flag</li> <li>Risk for November may be higher (Tfr to 2022 Implementation forum)</li> </ul>	Likelihood: Unlikely Consequence: Minor Rating: Low	→
R10	<b>BUT Production availability for participant use</b> 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"> <li>Proposed availability date for BUT / SIPF updates confirmed as post May 1 production release</li> <li>AEMO program to support Industry Test period, including issue resolution, prior to production release</li> <li>Delivery date to be revised- tfr risk to 2022 Implementation Forum</li> </ul>	Likelihood: Possible Consequence: Minor Rating Low	↓

# May 22 Industry Risks



- Trend improving
- Trend steady
- Trend worsening



ID	Description	Inherent Rating	Controls/Comments	Residual Rating	
R11	<p><b><u>Scope and Delivery timeframes for BUT are still being established</u></b>                      Delays in finalising scope and in the delivery of BUT capability have the potential to compress participant timeframes and delay population of SIPF</p>	To Be Rated	<ul style="list-style-type: none"> <li>Tfr to 2022 implementation forum</li> <li>Risk has moved to issue</li> <li>Timeframes for delivery of BUT to be confirmed</li> </ul>		↓

# Issues

ID	Description	Actions
I1	Schema update to r42 at same time as data update for Global Settlements role field from "LR" to "GLOPOOL" for all NMIs adds to risk of Go-Live activities	AEMO to understand the dependencies for participants. Both changes are required for MCPI and GS delivery Release and test process established with opportunity for Industry testing prior to go live  Issue to be closed

# Next Steps

- Industry Risks and Issues Register will be updated and published on the website
- Key risks will be reviewed on a monthly basis with new risks and issues being added as they arise
- Risks related to the Nov-22 go-live will be discussed through the MS DR FG
- RWG to provide any additional feedback on risks to [GSMSDR@aemo.com.au](mailto:GSMSDR@aemo.com.au)

# Forward Planning & Other Business

Greg Minney



# Executive Forum

- Executive Forum
  - Scheduled for 10<sup>th</sup> May
  - Agenda Topics:
    - 5MS Lessons Learned (PWC review)
    - 2022 Implementation and governance approach
    - GS Go-Live and operational implementation
    - Relationship to NEM2025 forums
- RWG members requested to confirm your Organisation's representative for purpose of invite
  - Forum aimed at senior participant stakeholder

# Other Business

- "Tranche 2" rollout plan updates and distribution
  - Consolidated plans from Last request to be distributed W/B 18/4
  - A number of requested plans not received – last provided plan has been substituted in consolidated list
  - AEMO to request updated plans as April, including Actual to Date

# Indicative RWG Topic Schedule

Month	RWG
November	<ul style="list-style-type: none"> <li>✓ Scope and governance confirmation</li> <li>✓ Plan on a page/Milestone review</li> <li>✓ Discuss key dependencies, risks and issues</li> </ul>
December	<ul style="list-style-type: none"> <li>✓ Confirmation of key risks, issues and dependencies</li> <li>✓ Test Strategy and trial approach</li> <li>✓ Approach to GS Transition</li> <li>✓ Progress updates</li> </ul>
January	<ul style="list-style-type: none"> <li>• Review milestone progress</li> <li>• Review GS Transition Plan</li> <li>• Tech Spec Approach (For MCPI)</li> <li>• Nov 22 Plan</li> </ul>
February	<ul style="list-style-type: none"> <li>• Review milestone progress, risks and issues</li> <li>• Market Trial Preparation</li> <li>• Industry Go-Live approach</li> <li>• Discuss key topics</li> <li>• Consider escalating items</li> </ul>
March	<ul style="list-style-type: none"> <li>• Review milestone and transition plan progress</li> <li>• Review risk and issues</li> <li>• Discuss the proposed Industry Go-Live Plan</li> <li>• Industry testing update</li> </ul>
April	<ul style="list-style-type: none"> <li>• Review milestone and transition plan progress</li> <li>• Receive Industry Testing Update</li> <li>• Finalise Industry Go-Live Plan</li> </ul>
May	<p>Go Live review</p> <p>Engagement approach for November release, including key scope and milestone review</p>

# Indicative Focus Group Topic Schedule

Month	Industry Testing FG	UFE FG	MSDR FG
November	N/A	✓ Complete	N/A
December	✓ Market Trial scope and timing	✓ Complete	N/A
January	<ul style="list-style-type: none"> <li>Market Trial and Industry Test Approach</li> </ul>	<ul style="list-style-type: none"> <li>Industry status on GS data population and provision</li> <li>Local Area Assessments</li> <li>Embedded Network treatment</li> </ul>	<ul style="list-style-type: none"> <li>Scope and approach for MSDR FG</li> </ul>
February	<ul style="list-style-type: none"> <li>Develop Test Strategy/Plan</li> </ul>	<ul style="list-style-type: none"> <li>Industry status on GS data population and provision</li> <li>Local Area Assessments</li> <li>Engagement approach</li> </ul>	<ul style="list-style-type: none"> <li>TBC</li> </ul>
March	<ul style="list-style-type: none"> <li>Conduct participant testing</li> </ul>	<ul style="list-style-type: none"> <li>Off market approaches</li> </ul>	<ul style="list-style-type: none"> <li>TBC</li> </ul>
April	<ul style="list-style-type: none"> <li>Complete participant testing</li> </ul>		<ul style="list-style-type: none"> <li>TBC</li> </ul>

# Upcoming Meetings



MAY						
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	31				

WORKING GROUPS
Readiness (RWG)
FOCUS GROUPS
UFE (UFE FG)
Industry Testing (ITFG)
MSDR (MSDR FG)
OTHER
Q&A session
Industry Testing
National Public Holiday
State Public Holiday
AEMO Holiday Closure
*Relevant state has been marked in a comment for VIC, NSW, QLD & SA only.

# Questions

