5MS & GS Readiness Working Group #15 (incl. Systems Working Group)

Monday 14th September 2020

WebEx only: **Please disconnect from your workplace VPN for the WebEx call**

PLEASE NOTE THIS MEETING WILL BE RECORDED FOR THE PURPOSE OF PREPARING MINUTES

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
- Make independent and unilateral decisions about their commercial positions and approach in relation to the matters under discussion with AEMO
- 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 (1/2)
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#	TIME	AGENDA ITEM	RESPONSIBLE
1	10:00 – 10:05	Welcome, introduction and apologies	Greg Minney
2	10:05 – 10:10	Agenda	Greg Minney
3	10:10-10:20	Minutes/Actions	Greg Minney
		General Update	
4	10:20 – 10:30	5MS Program Update	Greg Minney, Graeme Windley
5	10:30 – 10:35	Procedure update	Anne-Marie McCague, Simon Tu
6	10:35 – 11:05	Industry readiness reporting	Austin Tan
7	11:05 – 11:10	Data Model Update	Sangeeta Paii
8	11:10 – 11:15	Testing Update	Tui Grant
9	11:15 – 11:25	Risks and Issues	Greg Minney
		Dispatch / Bidding Readiness	
10	11:25 – 11:30	Dispatch / Bidding Update	Ian Devaney
		Settlements Readiness	
11	11:25 – 11:30	Settlements Update –	Mark Hillaby
		Retail / Metering Readiness	
12	11:30 – 11:35	Retail / Metering Update	Jim Angelopoulos
13	11:35 – 11:45	Retail Documentation and System Updates	Paul Lyttle
14	11:45 – 11:50	Retail Go-Live Plan	Greg Minney

Agenda (2/2)

#	TIME	AGENDA ITEM	RESPONSIBLE	
		Meeting Closing Items		
15	11:50 – 11:55	Forward Plan and Other Business	Greg Minney	
16	11:55 – 12:00	Upcoming meetings/ focus groups	Anne-Marie McCague	
17	12:00	Meeting Close	Greg Minney	



List of Appendices

A1: L2 Readiness Milestones



Minutes & Actions

Greg Minney



RWG Actions (1/2)

No.	Status	Action	Comment
14.7.2	Open	RWG to provide feedback on proposed approach to track if industry is on track for 5MS and GS commencements	Reporting of essential capability included in Readiness Report Feedback received on need for consistency in definition of what is essential meters – to be reviewed.
14.7.1	Open	RWG to consider their organisation's exposure to the risk of a 'big bang' delivery of 5min metering data in Production i.e. waiting until 5MS commencement to deliver/receive 5min metering data for the first time in Production.	To be discussed in this agenda
14.6.1	Closed	AEMO to consider publishing table of procedure versions and procedure development timelines	5MS Program versions were determined as part of the various 5MS/GS consultations which occurred in 2019. Should Participants have any questions regarding AEMO's management of document versions more broadly, they can direct their questions to ercf@aemo.com.au
14.5.1	Closed	AEMO to circulate regulatory roadmap workshop slide pack to RWG	Complete.
14.14.1	Open	RWG to provide feedback on the proposed high level structure of the Retail platform go-live plan	Three responses receive. No issues were raised. "Origin supports the approach to de couple the Retail, Settlement and Dispatch go live dates. PLUS ES have no further comment on the Retail platform go live plan at this high level. TasNetworks are comfortable with the high level structure being proposed. No feedback at this stage."

RWG Actions (2/2)

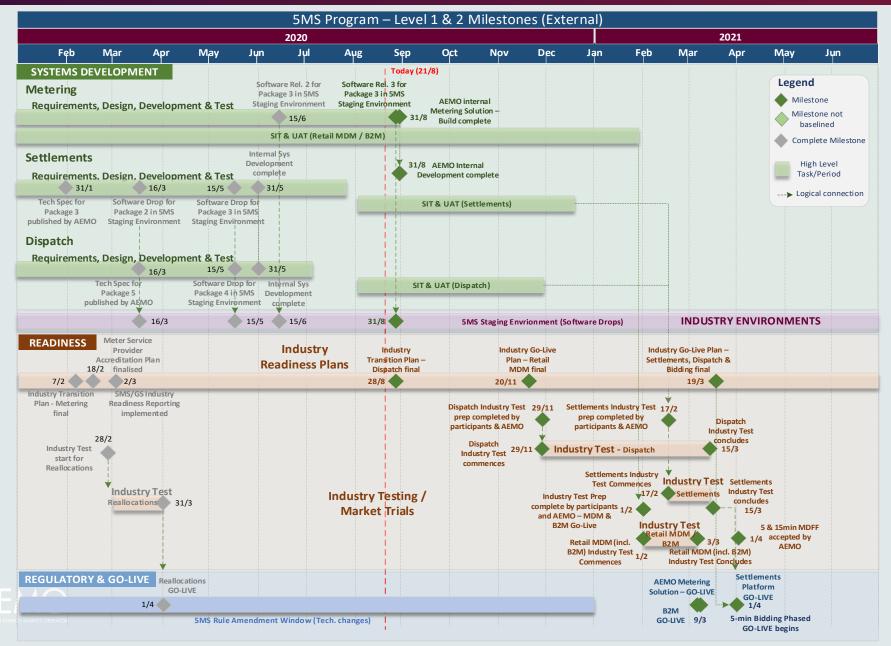
No.	Status	Action	Comment
14.13.2	Open	AEMO to confirm the timeframes and the approach for the transition of GLOPOOL	To be discussed at next TFG
14.13.1	Closed	AEMO to confirm if Participants will receive push reports if there is no data missing	If the report does NOT have any data then NO report will be sent.
14.12.1	Open	RWG to provide feedback on the proposed changes to the MTP, and inform AEMO if a more restrictive or flexible transition period is preferred for MSATs Standing Data Creation and Maintenance activities	Three responses received. Two preferring a flexible extended transition windows, while another prefers a shorter 1 month transition window from 1 August 2021. "Origin recommends the transition end date for capability to receive and process the new NCC be extended by 3 months. PLUS ES is comfortable with the proposed changes to the MTP dates and additional tasks. PLUS ES would prefer a flexible transition period for MSATS Standing Data Creation & Maintenance activities. We are keen on firm dates so we can plan. TasNetworks preference would be for a more flexible transition period. Participants need to then manage the updates with impacted parties being considered.
14.11.1	Closed	AEMO to include transition diagrams in the functionality matrix document	Complete.

Program Update

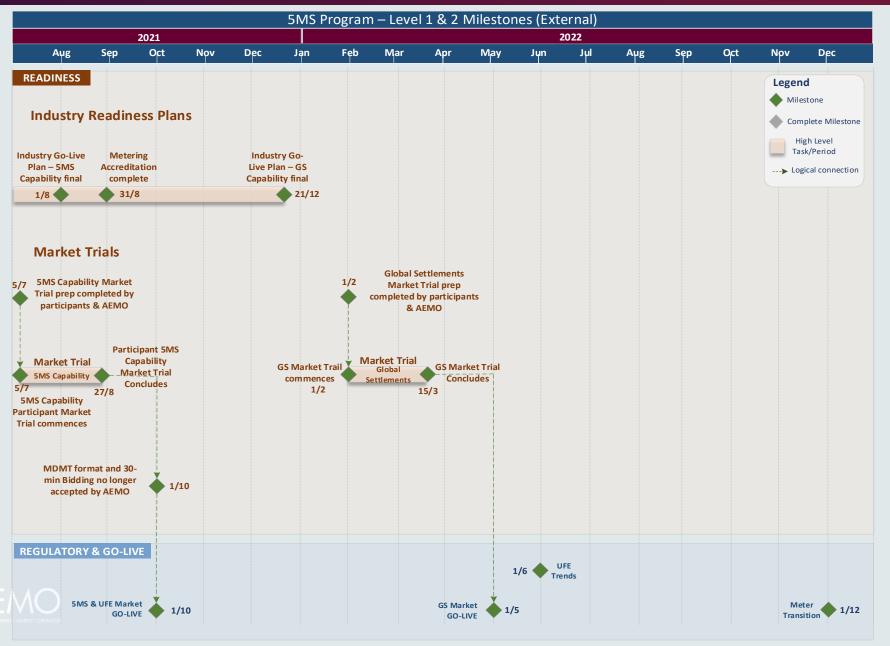
Greg Minney



5MS Program Timeline Level 1 and External Level 2 Milestones 1/2



5MS Program Timeline Level 1 and External Level 2 Milestones 2/2



AEMO Systems Deployment Cutover Risk

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

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

Impacts of moving Settlements Go-Live date

Benefits:

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

• Consequences:

- Splits the data model. At a high-level:
 - Impacts to the implementation of the data model for 5MS purposes are not considered significant by AEMO.
 - A detailed discussion will be facilitated via the RWG / SWG, as the discussion will also need to include other projects (i.e. MT-PASA). The target date for this is early October.



Next Steps

- AEMO requests feedback from the RWG by the next RWG on 13-Oct-20
 - Are there any impacts to participants' programs?
 - In what way does this impact your program e.g. testing requirements?
 - Where impacts exist do you have any suggested mitigations



Procedure update

Simon Tu



5MS/GS-related procedure change log

Procedure issue	Status	Final Determination Date
Proposed procedural change to MDFF quality flag (N flag)*	Consultation commenced 6 August, anticipated to be concluded early December.	December 2020
New NCONUML NMI Class codes available in list for SORD.	To become part of broader requirements for the changes to the SORDs (v3.5 of the procedures) currently scheduled for an effective date of 10 Nov 2021.	22 July 2020
Proposal for RWD	Part of MSATS Standing Data Review. Final Determination has been published.	Published – 7 September 2020
Removal of end user details from inventory table	Consultation commenced 6 August, anticipated to be concluded early December.	December 2020
TNI 2 for cross-boundary meters*	Part of MSATS Standing Data Review. Final Determination has been published.	Published - 7 September 2020
Removal of register ID = suffix requirement	Consultation commenced 6 August, anticipated to be concluded early December.	7 December 2020
5MS Procedures washup	Consolidation to open for comment 1 May 2021.	1 July 2021



5MS/GS-related procedure change log

Procedure issue	AEMO Retail Systems Impact	Available in Staging	Readiness Considerations
MDFF file size and transaction limit in file*	 10MB file size supported for B2M MTRD for Mkt Settlements. 10MB file size supported for B2B MTRD for B2B Mkt Activities. 	R30 - 31-Aug-20 - Staging environment supports B2B Transaction (SORD, CUST, MTRD etc) exchange between Participants.	Participant Mkt Systems must be capable of accepting 10MB B2B MTRD files unless a bilateral agreement is in place,
New NCONUML NMI Class codes available in list for SORD.	System impacts are yet to be identified.	TBD: Dependant on evaluation of system impacts and finalisations of v3.5 of the B2B Procedures: Service Order Process.	TBD
Proposed procedural change to MDFF quality flag (N flag)*	 Rejection of B2M MTRD MDFF meter reads where quality flag is 'N'. Results in B2M MTRD Transactions with the status of 'Partial' or 'Rejected'. 	R1 - 1-Dec-19 - Support for new B2M MTRD validations.	Participant Mkt Systems must not send 'N' for B2B or B2M MTRDs.
Proposal for RWD	No impact to 5MS Retail systems.	N/A	ReadTypeCode amended from 'Optional' to 'Required'. Fourth character added to identify whether a meter is capable of reading at five-minute granularity.
Removal of end user details from inventory table	No impact to 5MS Retail systems.	N/A	N/A
TNI 2 for cross-boundary meters*	 CATS CR support for TNI2 field. MSATS Browser to support display TNI2 for NMI Discovery Transactions. aseXML schema support extension to support TNI2 inclusion (r39). 	R18 and R19 - 31-Aug-20 - Support for TNI2 for CATS CRs.	TNI Code assigned, by AEMO, however Participants to undertake the generation of associated CR2xxx transactions, to register a cross boundary meter using TNI 2. Migration to r39 aseXML necessitated.
Removal of register ID = suffix requirement	No impact to 5MS Retail systems.	N/A	Material participant readiness activity impact if existing requirement retained.



Industry readiness reporting

Austin Tan



Industry readiness reporting – Round 3 participation rate

- A total of 42 organisations responded to the third round of readiness reporting, representing an even mix of participant types. Response rate across all participant types provides representative industry coverage.
- Coverage across the industry for all participant types ranges from 95% to 100%.
- Discussion: A handful of organisations are not providing responses for all their respective participant types, resulting in a reduction in total MP, MDP and MC responses in round 3 of reporting. Implications

Figure 1: Survey respondents by participant type (%)

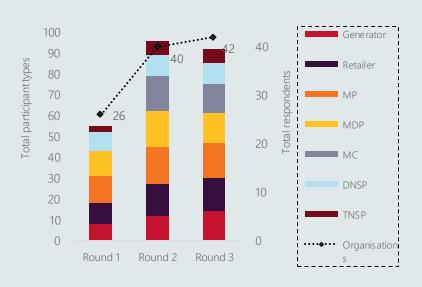


Table 1: Industry coverage by participant type (%)

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

Industry progress with 5MS & GS

For your organisation's 5MS & GS program, what is the overall program delivery progress and status?

Figure 2: Participant program progress by survey round

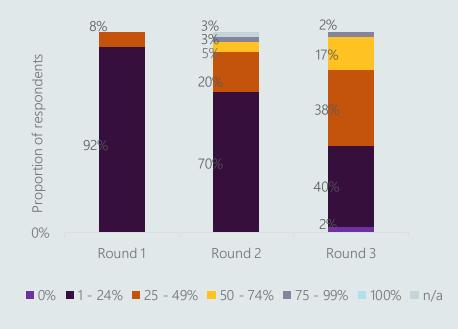
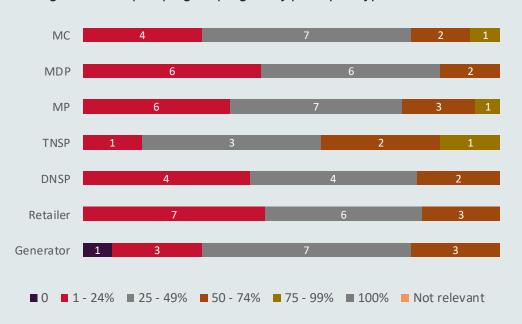


Figure 3: Participant program progress by participant type, round 3



- Participants overall are reporting that they are on track, reflecting replanning activity against the deferred rule commencement dates. One organisation flagged that their overall program is 'late', noting that they were impacted by the AEMC's deferral decision
- Although there has been a significant shift in progress reported between survey two and three, with more than half of respondents now focused on implementation, there are still 42 % of respondents in the scoping and design phase of their programs. This includes an MDP with essential meters and other MDPs with responsibility of tranche 1 meters.
- **Discussion**: Given the range of responses when it comes to participant program progress, and that participants are mostly reporting on track, is progress across participant roles representative of where the industry needs to be?

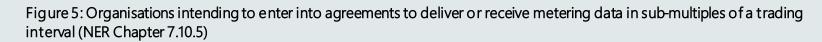
5MS GS Essential Industry Capabilities

Table 1: Industry coverage by participant type (%)

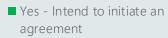
Essential capability	Relevant	Reporting Criteria	Reporting			Νι	ımber of pa	articipants	
	participants		criteria met	On- Track		Late	Not responded		Escalation Required?
Generators and MNSPs are able to submit 5-min offers	Generators / MNSPs	a) Generators representing >80% of regional load are responding to Industry Readiness Surveys, and; b) Generators representing >80% of regional load are reporting 'On-track' to be able to submit 5-minute granularity offers	No	11	1	2	6	No	No
All essential meters* are able to produce and store 5-min data	MPs	a) 100% of MPs associated to essential metering are responding to Industry Readiness Surveys, and; b) 100% of MPs associated to essential metering are reporting 'On-track' for all applicable MTP activities	Yes	10	0	0	0	No	No
All essential meters* are able to produce and store 5-min data	MCs	a) 100% of MCs associated to essential metering are responding to Industry Readiness Surveys, and; b) 100% of MCs associated to essential metering are reporting 'On-track' for all applicable MTP activities	Yes	14	0	0	0	No	No
All essential meters* are able to deliver 5-min metering data	MDPs	a) 100% of MDPs associated to essential metering are responding to Industry Readiness Surveys, and; b) 100% of MDPs associated to essential metering are reporting 'On-track' for all applicable MTP activities (S01)	Yes	3	0	0	0	No	No
The 5-minute bidding and dispatch solution is deployed, including the web bidding interface	AEMO	a) AEMO reporting 'On-track' for all Bidding/Dispatch reporting criteria and milestones	Yes	1	0	0	0	No	No
The Metering Data Management (MDM) solution is deployed	AEMO	a) AEMO reporting 'On-track' for all MDM Milestones	Yes	1	0	0	0	No	No
The 5-minute settlements solution is deployed	AEMO	a) AEMO reporting 'On-track' for all Settlement Milestones	Yes	1	0	0	0	No	No

- The reporting criteria relating to the essential capability of generators submitting 5-min offers was not met, due to two generators reporting a 'late' status, and one reporting a 'at risk' status. This resulted in the proportion of 'on track' generators dropping below 80% in one NEM region. AEMO will establish with the participants if a remediation plan or escalation is required at present, given the timeframe remaining until 5MS rule commencement.
- Discussion: All MPs, MDPs, and MCs are reporting on track for essential criteria, with some reporting that they have not commenced activities, and others noting that the criteria was not relevant to them. AEMO will cross check participant roll-out plans, and follow up with participants that should have commenced activities in the MTP. Note that in future rounds of reporting, participants will not be able to select conflicting responses when responding to the survey (e.g select not started On Track when MTP indicates that activities for the category should have completed).

Early Delivery of 5-minute Data



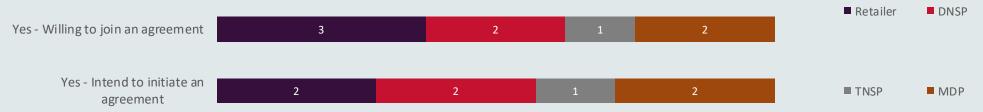




Yes - Willing to join an agreement

No

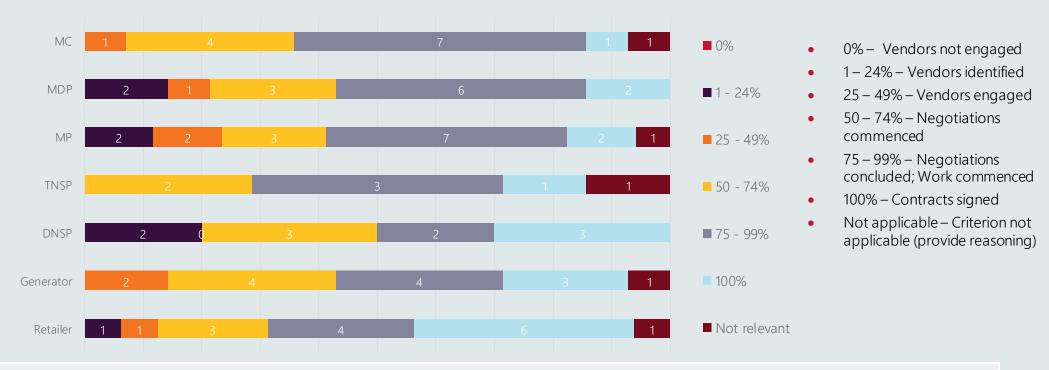
Figure 6: Participant types intending to enter into agreements to deliver or receive metering data in sub-multiples of a trading interval (NER Chapter 7.10.5)



- Among retailers, network service providers and MDPs, a minority noted that they intend to enter into agreements to deliver or receive metering data in sub-multiples of a trading interval. Participants are flagging that Q1 and Q2 2021 is when they expect to initiate or enter into agreements
- There is potential for an agreement in one NEM region, noting that the associated MDP is capable of providing different levels of granularity of metering data as required
- **Discussion**: Given that a number of participants are not planning on sending/receiving 5-metering data before 5MS commencement, what is the implication of this on the MTP transition dates, in particular those relating to metering data delivery?

Vendor agreements

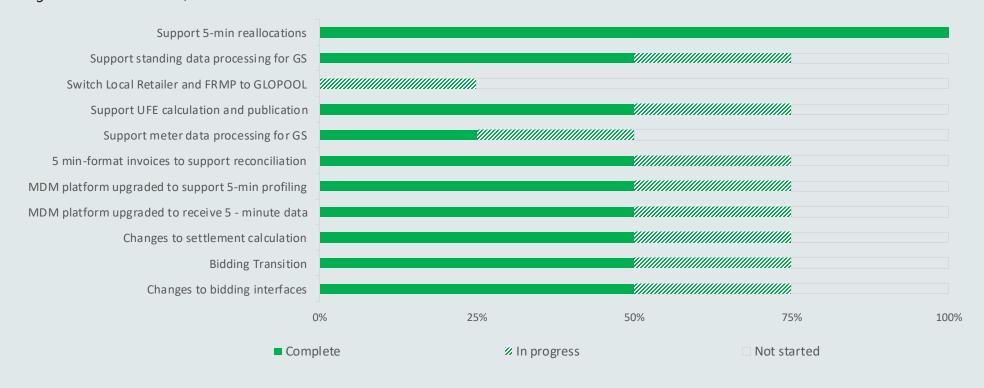
Figure 7: Participant progress on vendor agreements



- There was a spread of responses when it comes to participant's progress on vendor agreements, with just under half yet to commence negotiations with vendors. Two organisations with negotiations underway reported that their status of vendor agreements are late or at risk, with one noting that workstream requirements are being finalised, and another noting that they are working to close negotiations.
- Discussion:
 - Are vendor negotiations/delivery impacting participants ability to implement 5MS & GS?
 - What are the nature of vendor agreements, are they with existing vendors or new vendors?

AEMO Readiness

Figure 4: AEMO Readiness, round 3



Observations:

• AEMO has delivered the reallocations platform, and is on track to deliver the bidding, settlements and metering market systems. However, pressures remain on the delivery schedule, with regards to the execution of systems testing within the scheduled timeframes. Focus of the program is now on system testing and AEMO business readiness.



COVID-19 Response

Compared to your response in the previous reporting round (April 2020), have recent developments in the COVID-19 situation or your program's response changed your ability to implement 5MS and GS?



Observations:

• Compared to the previous round of reporting, more than half of participants are not experiencing any change in their ability to implement 5MS and GS due to COVID-19. One in three are experiencing minor changes, noting increased challenges associated with vendors working on-site, staff onboarding, and resourcing due to additional focus on BAU activities. These finding are consistent with the results of the special readiness survey issued in August.



■ No change

Wholesale Data Model Updates for upcoming intiatives?

Sangeeta Pai



Data Model Update – other regulatory changes

- Data Model Release v5.0 will contain other application changes outside of the 5MS Program.
- These changes include updating and adding new tables in MTPASA, STPASA, PDPASA and Demand Forecasts packages
- All these changes will be consolidated in the 5MS Data Model Technical specification
- 5MS Program will facilitate a Focus Group with members from other the AEMO programs to provide more detail – as referred to on slide 14, targeting early October.



Testing Update

Tui Grant



5MS Staging Environment Defects Identified

IssueID	Description	Status	Action
NCR0155236	Dispatch and Bidding - Missing 5MS Trading Price data since the 18/07/2020	Closed	Defect Identified and data populated
NCR0154924	Dispatch and Bidding - Gap identified in the market data Trading price, Averageprice30 and Dispatchload for the 1st and 2nd July.	In Progress	Defect Identified and fix in progress
1581	Settlements - Missing files from 2 June – 8 June including transition week (settlement week preliminary files 2020Wk14 and 2020Wk15) data	Closed	Deployed defect fix and regenerated
1585	Settlements - Missing transition week and 5minute files	Closed	Regenerated for 2020Wk1 and 2020Wk2 identified a further issue with 2 tables resulting in a patch being applied to resolve issues with these tables
1584	Missing files from 25 June – 30 June (settlement week final 2020Wk14 and 2020Wk15) data	Closed	Unable to repair ran for 2020Wk1 and 2020Wk2
1696	Retail - SetParticipant no longer works in MSATS	Closed	Fix expected in Staging 07/08



Retail – Functionality in Staging Release 3

Supported Function	Staging Release 1	Staging Release 2	Staging Release 3	Functional Matrix ID
B2M Inbound Transaction	MTRD	MTRD, MDMT	MTRD, MDMT, NMID, CATS (REQ only)	R1, R2, R3, R4, R5, R14, R21, R25,
Group(s)				R26
B2M Inbound Transaction Type(s)	MTRD MeterDataNotification	MTRD, MDMT	MTRD MeterDataNotification	R1, R2, R3, R4, R5, R14, R21, R25,
			MDMT MeterDataNotification	R26
			MDMT ReportRequest	
			CATS CATSChangeRequest	
			CATS CATSChangeWithdrawal	
			CATS CATSObjectionRequest	
			CATS CATSObjectionWithdrawal	
			CATS ReportRequest	
			NMID NMIDiscoveryRequest	
			NMID NMIStandingDataRequest	
Meter Type(s)	Interval	Interval, Profile & Basic	Interval, Profile & Basic	R1, R3, R5
aseXML schema	r39	r39, r35	r39, r35	R9
FTP Protocol	Yes	Yes	Yes	R1, R3, R5
Metering Data page	No	Yes	Yes	R7
Support for Bunding	No	Yes	Yes	n/a
API-Push Protocol	No	Yes	Yes	R6
API-Pull Protocol	No	No	Yes	R15, R11
Settlement Runs	No	No	30 minutes	R22, R23
Settlement Cases viewable via	No	No	Yes	R20
Browser				
Settlement Data Reports	No	No	RM16, RM17, RM20, RM21, RM22, RM25	R26, R12
Meter Data Reports	No	No	RM9, RM11, RM13, RM26, RM37, RM38, RM39	R21, R25, R12
CATS Reports	No	No	All CATS reports	R14
5MS/GS Standing Data	No	No	New NMI Classification codes, Meter	R16, R17, R18, R19
			Installation Type Codes (MITC),	
			Datastream Type 'N' and TNI2	
B2B Transaction exchange	No	No	Yes	R30
B2M/B2B schema & protocol self	No	No	Yes	R8, R10
service via Browser				

Retail – Functionality in Staging Release 3

Assumptions/Constraints

- Standing Data updates Will update in MSATS but will not be flow through to Meter Data validations.
- Connectivity is only via AEMO's MarketNet.



Issue: There is no single environment for complete industry testing

- Issue has been raised by a participant.
- Currently, the functional releases into 5MS Staging Environment do not allow for participants to test end-to-end (integrated) 5MS and GS functionality across streams (including B2B). Participants can test the majority of market system capabilities in the 5MS Staging environment, with the exception of the transition state for bidding as 5MS Staging is set to end state. It will be possible to test 5MS and GS E2E processes once it is available in preproduction, however this will be closer to the 5MS and GS commencement dates. 5 minute functional testing can occur in the 5MS Staging environment currently with the exception of integration with the settlements system.
- Actions to close issue:
 - AEMO is requesting participants to provide a list and description of any required testing that:
 - Cannot be carried out in the 5MS Staging Environment
 - · Is unacceptably complicated by the requirement to repoint from one environment to the other, and
 - Cannot wait until the functionality has been deployed into the pre-production environment
 - AEMO will review the responses and discuss potential mitigation actions through the RWG
- Please provide feedback to <u>5MS@aemo.com.au</u> by 25 September.

Readiness Risks and Issues

Greg Minney





Risks due for review

ID		Residual Rating	Trend	Comments
R04	AEMO Big bang approach AEMO systems for bids/offers and meter data all going live at once on 1 October 2021, results in a failure of go live.	Significant	†	Proposing to reduce the residual likelihood to "Unlikely" giving a residual rating of "Medium" and to change trend to "improving". AEMO remains on track to deliver the staggered go-live approach in March and April 2021
R11	The AEMO internal project is not ready for 5MS Go Live AEMO may not be ready to deliver the full extent of the 5MS deliverables by Go Live, results in failure of Go Live for 5MS and GS Program	Medium	1	Proposal is to change trend "improving" Internal build successfully complete and AEMO is reporting 50-75% complete in readiness reporting
R17	Industry 'big bang' approach Potential for Participant systems to fail at go-live due to insufficient transitional provisions e.g. market trial participation and staged system implementation resulting in market disruption (meter data flows and standing data flows)	Significant		86% of participants that responded to Round 3 have stated they intend to participate in market trials Limited number are looking to transact in 5-min data prior to commencement date Action: continue to monitor through readiness reporting. Trend remain "improving"



Risks relating to MTP

ID	Risk Title and Description	Residual Rating	Trend	Comments
R14	Metering implementation activities affecting participant business functions during transitional period Potential for disconnect between Procedure effective dates and required transitional activities. Need to consider interdependencies between Participants (e.g. MDPs and Retailers)	Medium	←→	Proposing to leave trend is "stable". Continues to be managed through MTP and monitored through readiness reporting.
R15	Potential impacts from AEMO accreditation resource and timing constraints Resource and timing constraints for AEMO may result in delays to accreditation updates in timeframe required for transition activity	Medium	←→	Continued to review participant changes and timing. Currently stable. Activities A124/AA132: Review scope and scale of change with AEMO – mostly complete Now dependent on MSP delivery against established plans.
R16	Potential impacts from MSP accreditation resource and timing constraints Resource and timing constraints for MSP participants may result in delays to accreditation updates in timeframe required for transition activity	Medium	\longleftrightarrow	Same as above



Participant Readiness Risks for Review



ID	Title	Residual Rating	Trend	Comments
R02	Risk that there is one or more participants that aren't 'ready' at go-live Participants may not be ready at rule commencement dates resulting in have inadequate systems to operate within new market conditions and an inability to participate in the market or complete business transactions not referred to by critical capability definition at rules effective date, resulting in failure to be ready for go-live.	Significant (to the participant)	←→	This risk rating focuses on the impact to a participant where that participant is not ready at the rule commencement dates. In many cases, this would have a low risk rating to the market i.e. the market could still function appropriately without this participant or group of participants.
R19	Risk of a critical mass-capability of participants not being ready at identified critical path milestones Critical mass capability of participants fail to meet expected industry Readiness critical path milestones, including not having adequate systems to undertake market trials and testing, resulting in failure to be ready for golive and impacting the proper functioning of the market.	Medium	*	This risk relates to the impact to the market if a critical capability of participants are not ready. If this risk was realised proper market functioning would not be possible. The residual risk rating of Medium takes into account the mitigation measures that are in place. 20/09/2020 37

Dispatch / Bidding Update

lan Devaney



Bidding / Dispatch Staging, Pre-production & Production timelines



LEGEND

LEGACY	BIDDING TRANSITION	5MS RULE
30-minute bidding only via:FTP (txt)Web Bidding (Legacy)	30-minute bidding via:FTP (txt)Web Bidding (Legacy)	5-minute bidding* only via:FTP (JSON)Web BiddingAPI
	5-minute bidding* via:FTP (JSON)Web Bidding (5MS)API	*30-minute bid emulation restriction lifted
	*Each 5-minute bid within each half hour must be identical, giving the same effect as the submission of a 30-minute bid.	



Systems Workstream – Dispatch & Operations

5 MINUTE SETTLEMENT					TI	MING				
SYSTEMS TRACKING	Internal HLIA	Focus/Group	SWG Engagement	External HLIA	Draft Tech Spec	Final Tech Spec	User Guides	5MS Staging	Preprod	Production
DISPATCH and OPERATIONS										
			PACKAGE 1 -	Bidding FTP	and API					
Transition	Aug-18	Oct-18	Aug-18	Nov-18	Dec-18	2-Apr-19	31-Oct-19	29-Nov-19	29-Nov-20	01-Apr-21
Bidding Data Model	Aug-18	-	Sep-18	Mar-19	Dec-18	2-Apr-19	31-Oct-19	29-Nov-19	29-Nov-20	01-Apr-21
Bidding Format	Aug-18	-	Sep-18	Nov-18	Dec-18	2-Apr-19	31-Oct-19	29-Nov-19	29-Nov-20	01-Apr-21
			PACKAGE 2	2 - Bidding V	Veb UI					
Bidding Web UI and APIs	Aug-18	Nov-18	Dec-18	Jan-19	Mar-19	31-Jul-19	16-Dec-19	29-Nov-19	29-Nov-20	01-Apr-21
	,	PACI	(AGE 3 - Dispat	ch, Pre-disp	atch and PAS	SA				
Dispatch	Aug-18	-	Oct-18	Nov-18	Oct-18	2-Apr-19	-	29-Nov-19	29-Nov-20	01-Apr-21
Predispatch P30/7DAY	Aug-18	-	Oct-18	Nov-18	Oct-18	2-Apr-19	-	29-Nov-19	29-Nov-20	01-Apr-21
Predispatch P5	Nov-18	Oct-18	Nov-18	TBC	TBC	TBC	-	TBC	29-Nov-20	01-Apr-21
ST and PD PASA	Aug-18	-	Oct-18	Nov-18	Oct-18	2-Apr-19	31-Oct-19	29-Nov-19	29-Nov-20	01-Apr-21
		P	ACKAGE 4 - Pri	cing and Mi	scellaneous					
Trading Price / Price Revision	Aug-18	-	Feb-19	Nov-18	Mar-19	31-Jul-19	-	15-May-20	29-Nov-20	01-Apr-21
Administered Pricing and CPT	Aug-18	-	Feb-19	Dec-18	Mar-19	31-Jul-19	-	15-May-20	29-Nov-20	01-Apr-21
Suspension Pricing	Sep-18	-	Feb-19	Dec-18	Mar-19	31-Jul-19	-	15-May-20	29-Nov-20	01-Apr-21
Negative Residue Management	Sep-18	-	Feb-19	Dec-18	Jun-19	31-Jul-19	-	15-May-20	29-Nov-20	01-Apr-21
RERT	Oct-18	-	-	-	-	-	-	-	-	-
			PACKAGE 5	- Full Data	Model					
Full Data Model	Sep-18	Ongoing	Ongoing	Apr-19	Ongoing	31-Jan-20	16-Mar-20	29-Nov-19	29-Nov-20	01-Apr-21



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Settlements Update

Greg Minney & Mark Hillaby



Settlements Staging, Pre-production & Production timelines



Legend

Legacy	New Settlement Platform	5MS Rule	GS Rule		
30-minute Settlements	30-minutes settlement to 1 October 2021	Five-minute settlement and Global Settlement soft-start - UFE Reporting	All Retailers become liable for UFE		

Systems Workstream -Settlements

5 MINUTE SETTLEMENT					TIM	IING							
SYSTEMS TRACKING	Internal	Focus/Group	SWG	External	Draft	Final	User	5MS Staging	Preprod	Production			
	HLIA		Engagement	HLIA	Tech Spec	Tech Spec	Guides						
SETTLEMENTS													
PACKAGE 1 - Reallocations													
Reallocations	Dec-18	Nov-18	Dec-18	Mar-19	31-Jul-19	15-Oct-19	1-Nov-19	1-Nov-19	1-Mar-20	1-Apr-20			
PACKAGE 2 - Settlements and Billing													
Settl ements	Oct-18	Nov-18	Dec-18	Mar-19	30-Aug-19	15-Dec-19	-	16-Mar-20	Feb-21	Apr-21			
Billing	Oct-18	Nov-18	Dec-18	Mar-19	30-Aug-19	15-Dec-19	-	16-Mar-20	Feb-21	Apr-21			
		PAC	KAGE 3 - Prudo	entials and E	stimation								
Prudentials	Sep-18	Nov-18	Dec-18	Mar-19	31-Oct-19	31-Jan-20	15-May-20	15-May-20	Feb-21	Apr-21			
Estimation	Oct-18	Nov-18	Dec-18	Mar-19	31-Oct-19	31-Jan-20	-	15-May-20	Feb-21	Apr-21			
Full Data Model	Refer												
	DISPATCH												



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Settlements Workstream Update

- First migration activity using new tools carried out in SIT
- SIT testing is underway
- Certification activities are now underway

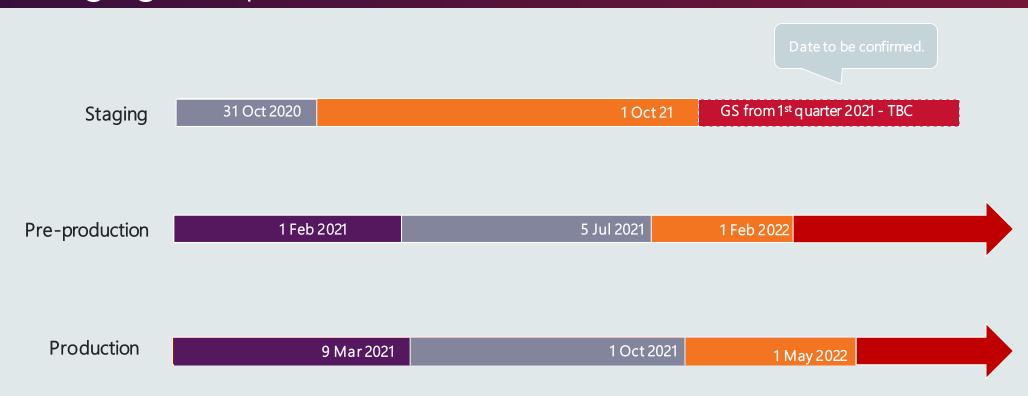


Retail/Metering Update

Jim Angelopoulos



Retail Metering Staging, Pre-production & Production timelines



Legend

Legacy	30MS with new platform	5MS Rule	GS Rule
30-minute meter reads	30-min settlement 5-min reads supported Standing data updates for GS	UFE calculation and 5-min settlement	LR updated to GLOPOOL



Systems Workstream - Metering

5 MINUTE SETTLEMENT					Т	IMING				
SYSTEMS TRACKING	Internal HLIA	Focus/Group	SWG Engagement	External HLIA	Draft Tech Spec	Final Tech Spec	User Guides	5MS Staging	Preprod	Production
METERING					- Spec					
			PACKAGE 1 -	Metering Da	ta & Metro	logy				
• MDFF Specification NEM12 NEM13 v20	Aug-18	Oct-18	Oct-18	Nov-18	Jan-19	Apr-19	-	1-Dec-19	01-Feb-21	09-Mar-21
			PACKA	GE 2 - MSAT	S & SLPs					
• MSATS Technical Specification	Aug-18	Sep-18	Aug-18	Nov-18	31-May- 19	30-Sep-19	-	-	-	-
Meter Data - MDFF and MDMF • MDM File Format and Load Process (User Guide) • MSATS Technical Specification	Aug-18	Oct-18	Sep-18	Nov-18	31-May- 19	30-Sep-19	-	1-Dec-19	01-Feb-21	09-Mar-21
			PACKA	GE 3 - Misce	llaneous					
MSATS Technical Specification	Oct-18	-	Apr-19	9-May-19	31-May- 19	30-Sep-19	01-Jun-20 (Draft) 14-Sep-20 (Final)	N/A	01-Feb-21	09-Mar-21
MSATS Browser (LVI) changes • MSATS Technical Specification	Aug-18	-	May-19	9-May-19	28-Jun- 19	30-Sep-19	30-Sep-20	15-Jun-20	01-Feb-21	09-Mar-21
MSATS Report changes • MSATS Procedures MDM Procedure • MDM File Format and Load Process (User Guide) • MSATS Technical Specification General Process & Document Clean-up	Oct-18	-	Apr-19	Apr-19	28-Jun- 19	30-Sep-19	-	31-Aug-20	01-Feb-21	09-Mar-21



RM20 PPS Report Simplification

Paul Lyttle



RM20 PPS Report Simplification

The RM20 PPS report displays the profile values for each Profile Name, these include:

Controlled Load Profiles, and

Net System Load Profiles (NSLP)

With the introduction of 5 Minute Settlements a new profile type will be added

5 Minute Load Profile (5MLP)

for profiling 15 and 30 minute reads to 5 minute trading intervals

To simplify the PPS report output AEMO is recommending to only report a single set of Controlled Load Profile values where they are used in multiple profile areas.

e.g. CLOADNSWCE will only be reported for COUNTRYENERGY profile area although the profile is also used in ERGON1 and ENERGYAUST Profile areas.

This simplification will flow onto the RM25 SettlementProfileShapeData report.



RM20 PPS Report Simplification

Example of the proposed RM20 report output change

Controlled load values are repeated for each profile area.

```
CSVData>ProfileName, ProfileArea, SettlementDate, CreationDT, Period01, Period02, Period03, Period04, Period05, Period06, Period07, Period09, Period09, Period11, Period11, Period12, Period13, Period14, Period15, Period15, Period15, Period16, Period16, Period17, Period18, Peri
CLOADNSWCE, COUNTRYENERGY, 2019/06/05, 2019/12/31 22:01:34, 110.474, 87.518, 65.185, 59.541, 51.181, 46.005, 31.076, 25.892, 29.332, 24.460, 25.399, 31.616, 30.736, 34.447, 15.587, 13.545, 13.440, 10.179, 16.228, 20.449,
CLOADNSWCE, COUNTRYENERGY, 2019/06/06, 2019/12/31 22:01:34, 134.834, 110.965, 88.735, 77.928, 48.090, 45.720, 40.796, 33.754, 25.883, 27.877, 28.643, 22.397, 29.252, 28.883, 17.135, 17.939, 14.925, 10.591, 17.133, 22.411
CLOADNSWCE, COUNTRYENERGY, 2019/06/07, 2019/12/31 22:01:34, 135.902, 108.525, 80.364, 81.821, 49.141, 47.982, 35.809, 29.388, 28.534, 21.795, 22.575, 25.942, 35.826, 36.709, 14.217, 14.858, 11.537, 10.553, 16.260, 23.461
CLOADNSWCE, COUNTRYENERGY, 2019/06/08, 2019/12/31 22:01:34, 117.724, 97.812, 77.166, 71.518, 56.101, 53.297, 39.966, 32.544, 31.138, 25.722, 27.415, 22.910, 27.316, 34.776, 27.494, 39.234, 55.926, 48.248, 55.730, 54.483,
CLOADNSWCE, COUNTRYENERGY, 2019/06/09, 2019/12/31 22:01:34,61.082,44.853,39.769,32.748,31.505,37.375,27.941,19.546,19.222,17.485,24.847,19.979,23.629,24.360,23.164,34.915,55.246,47.311,51.840,47.698,49.
                                                COUNTRYENERGY, 2019/06/10, 2019/12/31 22:01:34,52.285,46.307,37.782,36.415,35.616,24.370,23.357,20.479,24.857,16.109,20.381,24.662,28.689,34.481,13.538,14.486,12.338,12.650,17.134,21.531,14.486,12.338,12.650,17.134,21.531,14.486,12.338,12.650,17.134,21.531,14.486,12.338,12.650,17.134,21.531,14.486,12.338,12.650,17.134,21.531,14.486,12.338,12.650,17.134,21.531,14.486,12.338,12.650,17.134,21.531,14.486,12.338,12.650,17.134,21.531,14.486,12.338,12.650,17.134,21.531,14.486,12.338,12.650,17.134,21.531,14.486,12.338,12.650,17.134,21.531,14.486,12.338,12.650,17.134,21.531,14.486,12.338,12.650,17.134,21.531,14.486,12.338,12.650,17.134,21.531,14.486,12.338,12.650,17.134,21.531,14.486,12.338,12.650,17.134,21.531,14.486,12.338,12.650,17.134,21.531,14.486,12.338,12.650,17.134,21.531,14.486,12.338,12.650,17.134,21.531,14.486,12.338,12.650,17.134,21.531,14.486,12.338,12.650,17.134,21.531,14.486,12.338,12.650,17.134,21.531,14.486,12.338,12.650,17.134,21.531,14.486,12.338,12.650,17.134,21.531,14.486,12.338,12.650,17.134,21.531,14.486,12.338,12.650,17.134,21.531,14.486,12.338,12.650,17.134,21.531,14.486,12.338,12.650,17.134,21.531,14.486,12.338,12.650,17.134,21.531,14.486,12.338,12.650,17.134,21.531,14.486,12.338,12.650,17.134,21.531,14.486,12.338,12.650,17.134,21.531,14.486,12.338,12.650,17.134,21.531,14.486,12.338,12.650,17.134,14.486,12.338,14.486,12.338,14.486,12.338,14.486,12.338,14.486,12.338,14.486,12.338,14.486,12.338,14.486,12.338,14.486,12.338,14.486,12.338,14.486,12.338,14.486,12.338,14.486,12.338,14.486,12.338,14.486,12.338,14.486,12.338,14.486,12.338,14.486,12.338,14.486,12.338,14.486,12.338,14.486,12.338,14.486,12.338,14.486,12.338,14.486,12.338,14.486,12.338,14.486,12.338,14.486,12.338,14.486,12.338,14.486,12.338,14.486,12.338,14.486,12.338,14.486,12.338,14.486,12.338,14.486,12.338,14.486,12.338,14.486,12.338,14.486,12.338,14.486,12.338,14.486,12.338,14.486,12.338,14.486,12.338,14.486,12.338,14.486,12.338,14.486,12.338,14.486,12.338,14.486,12.338,14.486,14.486,14.486,14.486,14.486,14.486,14.486,14.486,14.486,14.4
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                                                                        SWCE, ENERGYAUST, 2019/06/06, 2019/12/31 22:02:42, 134.834, 110.965, 88.735, 77.928, 48.090, 45.720, 40.796, 33.754, 25.883, 27.877, 28.643, 22.397, 29.252, 28.883, 17.135, 17.939, 14.925, 10.591, 17.133, 22.411, 2
CLOADNSWCE, ENERGYAUST, 2019/06/07, 2019/12/31 22:02:42,135.902,108.525,80.364,81.821,49.141,47.982,35.809,29.388,28.534,21.795,22.575,25.942,35.826,36.709,14.217,14.858,11.537,10.553,16.260,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,23.461,
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CLOADNSWCE, ENERGYAUST, 2019/06/09, 2019/12/31 22:02:42,61.082,44.853,39.769,32.748,31.505,37.375,27.941,19.546,19.222,17.485,24.847,19.979,23.629,24.360,23.164,34.915,55.246,47.311,51.840,47.698,49
CLOADNSWCE, ENERGYAUST, 2019/06/10, 2019/12/31 22:02:42,52.285,46.307,37.782,36.415,35.616,24.370,23.357,20.479,24.857,16.109,20.381,24.662,28.689,34.481,13.538,14.486,12.338,12.650,17.134,21.531,18
CLOADINSWCE, ENERGYAUST, 2019/06/11, 2019/12/31 22:02:42, 111.634, 84.995, 79.280, 82. 🖟 😋 үүүүүү 🞮 🙌 👣 🙌 👣 🚓 🔭 🕳 🔭 1.592, 27.343, 34.099, 28.294, 12.981, 11.373, 7.379, 8.659, 14.689, 23.649, 24.0
CLOADNSWCE, ERGON1, 2019/06/05, 2019/12/31 22:02:51, 110.474, 87.518, 65.185, 59.541, 51.781, 40.005/37.016, 29.892, 29.352/4.460, 25.399, 31.616, 30.736, 34.447, 15.587, 13.545, 13.440, 10.179, 16.228, 20.449, 20.600
CLOADNSWCE, ERGON1, 2019/06/06, 2019/12/31 22:02:51, 134.834, 110.965, 88.735, 77.928, 48.090, 45.720, 40.796, 33.754, 25.883, 27.877, 28.643, 22.397, 29.252, 28.883, 17.135, 17.939, 14.925, 10.591, 17.133, 22.411, 22.25
CLOADNSWCE, ERGON1, 2019/06/07, 2019/12/31 22:02:51, 135.902, 108.525, 80.364, 81.821, 49.141, 47.982, 35.809, 29.388, 28.534, 21.795, 22.575, 25.942, 35.826, 36.709, 14.217, 14.858, 11.537, 10.553, 16.260, 23.461, 20.21
\texttt{CLOADNSWCE}, \texttt{ERGON1}, 2019/06/08, 2019/12/31 \ 22:02:51, 117.724, 97.812, 77.166, 71.518, 56.101, 53.297, 39.966, 32.544, 31.138, 25.722, 27.415, 22.910, 27.316, 34.776, 27.494, 39.234, 55.926, 48.248, 55.730, 54.483, 43.216
\texttt{CLOADNSWCE}, \texttt{ERGON1}, 2019/06/09, 2019/12/31 22:02:51, 61.082, 44.853, 39.769, 32.748, 31.505, 37.375, 27.941, 19.546, 19.222, 17.485, 24.847, 19.979, 23.629, 24.360, 23.164, 34.915, 55.246, 47.311, 51.840, 47.698, 49.230, 23.164, 24.852, 24.847, 24.852, 24.852, 24.852, 24.852, 24.852, 24.852, 24.852, 24.852, 24.852, 24.852, 24.852, 24.852, 24.852, 24.852, 24.852, 24.852, 24.852, 24.852, 24.852, 24.852, 24.852, 24.852, 24.852, 24.852, 24.852, 24.852, 24.852, 24.852, 24.852, 24.852, 24.852, 24.852, 24.852, 24.852, 24.852, 24.852, 24.852, 24.852, 24.852, 24.852, 24.852, 24.852, 24.852, 24.852, 24.852, 24.852, 24.852, 24.852, 24.852, 24.852, 24.852, 24.852, 24.852, 24.852, 24.852, 24.852, 24.852, 24.852, 24.852, 24.852, 24.852, 24.852, 24.852, 24.852, 24.852, 24.852, 24.852, 24.852, 24.852, 24.852, 24.852, 24.852, 24.852, 24.852, 24.852, 24.852, 24.852, 24.852, 24.852, 24.852, 24.852, 24.852, 24.852, 24.852, 24.852, 24.852, 24.852, 24.852, 24.852, 24.852, 24.852, 24.852, 24.852, 24.852, 24.852, 24.852, 24.852, 24.852, 24.852, 24.852, 24.852, 24.852, 24.852, 24.852, 24.852, 24.852, 24.852, 24.852, 24.852, 24.852, 24.852, 24.852, 24.852, 24.852, 24.852, 24.852, 24.852, 24.852, 24.852, 24.852, 24.852, 24.852, 24.852, 24.852, 24.852, 24.852, 24.852, 24.852, 24.852, 24.852, 24.852, 24.852, 24.852, 24.852, 24.852, 24.852, 24.852, 24.852, 24.852, 24.852, 24.852, 24.852, 24.852, 24.852, 24.852, 24.852, 24.852, 24.852, 24.852, 24.852, 24.852, 24.852, 24.852, 24.852, 24.852, 24.852, 24.852, 24.852, 24.852, 24.852, 24.852, 24.852, 24.852, 24.852, 24.852, 24.852, 24.852, 24.852, 24.852, 24.852, 24.852, 24.852, 24.852, 24.852, 24.852, 24.852, 24.852, 24.852, 24.852, 24.852, 24.852, 24.852, 24.852, 24.852, 24.852, 24.852, 24.852, 24.852, 24.852, 24.852, 24.852, 24.852, 24.852, 24.852, 24.852, 24.852, 24.852, 24.852, 24.852, 24.852, 24.852, 24.852, 24.852, 24.852, 24.852, 24.852, 24.852, 24.852, 24.852, 24.852, 24.852, 24.852, 24.852, 24.852, 24.852, 24.852, 24.852, 24.852, 24.852, 24.852, 24.852, 24.852, 24.852, 24.852, 2
CLOADNSWCE, ERGON1, 2019/06/10, 2019/12/31 22:02:51, 52.285, 46.307, 37.782, 36.415, 35.616, 24.370, 23.357, 20.479, 24.857, 16.109, 20.381, 24.662, 28.689, 34.481, 13.538, 14.486, 12.338, 12.650, 17.134, 21.531, 18.978, 20.479, 24.857, 20.479, 24.857, 24.857, 24.857, 24.857, 24.857, 24.857, 24.857, 24.857, 24.857, 24.857, 24.857, 24.857, 24.857, 24.857, 24.857, 24.857, 24.857, 24.857, 24.857, 24.857, 24.857, 24.857, 24.857, 24.857, 24.857, 24.857, 24.857, 24.857, 24.857, 24.857, 24.857, 24.857, 24.857, 24.857, 24.857, 24.857, 24.857, 24.857, 24.857, 24.857, 24.857, 24.857, 24.857, 24.857, 24.857, 24.857, 24.857, 24.857, 24.857, 24.857, 24.857, 24.857, 24.857, 24.857, 24.857, 24.857, 24.857, 24.857, 24.857, 24.857, 24.857, 24.857, 24.857, 24.857, 24.857, 24.857, 24.857, 24.857, 24.857, 24.857, 24.857, 24.857, 24.857, 24.857, 24.857, 24.857, 24.857, 24.857, 24.857, 24.857, 24.857, 24.857, 24.857, 24.857, 24.857, 24.857, 24.857, 24.857, 24.857, 24.857, 24.857, 24.857, 24.857, 24.857, 24.857, 24.857, 24.857, 24.857, 24.857, 24.857, 24.857, 24.857, 24.857, 24.857, 24.857, 24.857, 24.857, 24.857, 24.857, 24.857, 24.857, 24.857, 24.857, 24.857, 24.857, 24.857, 24.857, 24.857, 24.857, 24.857, 24.857, 24.857, 24.857, 24.857, 24.857, 24.857, 24.857, 24.857, 24.857, 24.857, 24.857, 24.857, 24.857, 24.857, 24.857, 24.857, 24.857, 24.857, 24.857, 24.857, 24.857, 24.857, 24.857, 24.857, 24.857, 24.857, 24.857, 24.857, 24.857, 24.857, 24.857, 24.857, 24.857, 24.857, 24.857, 24.857, 24.857, 24.857, 24.857, 24.857, 24.857, 24.857, 24.857, 24.857, 24.857, 24.857, 24.857, 24.857, 24.857, 24.857, 24.857, 24.857, 24.857, 24.857, 24.857, 24.857, 24.857, 24.857, 24.857, 24.857, 24.857, 24.857, 24.857, 24.857, 24.857, 24.857, 24.857, 24.857, 24.857, 24.857, 24.857, 24.857, 24.857, 24.857, 24.857, 24.857, 24.857, 24.857, 24.857, 24.857, 24.857, 24.857, 24.857, 24.857, 24.857, 24.857, 24.857, 24.857, 24.857, 24.857, 24.857, 24.857, 24.857, 24.857, 24.857, 24.857, 24.857, 24.857, 24.857, 24.857, 24.857, 24.857, 24.857, 24.857, 24.857, 2
CLOADNSWCE, ERGON1, 2019/06/11, 2019/12/31 22:02:51, 111.634, 84.995, 79.280, 82.375, 59.652, 50.591, 37.380, 24.881, 22.696, 21.336, 21.592, 27.343, 34.099, 28.294, 12.981, 11.373, 7.379, 8.659, 14.689, 23.649, 24.073, 24.073, 24.073, 24.073, 24.073, 24.073, 24.073, 24.073, 24.073, 24.073, 24.073, 24.073, 24.073, 24.073, 24.073, 24.073, 24.073, 24.073, 24.073, 24.073, 24.073, 24.073, 24.073, 24.073, 24.073, 24.073, 24.073, 24.073, 24.073, 24.073, 24.073, 24.073, 24.073, 24.073, 24.073, 24.073, 24.073, 24.073, 24.073, 24.073, 24.073, 24.073, 24.073, 24.073, 24.073, 24.073, 24.073, 24.073, 24.073, 24.073, 24.073, 24.073, 24.073, 24.073, 24.073, 24.073, 24.073, 24.073, 24.073, 24.073, 24.073, 24.073, 24.073, 24.073, 24.073, 24.073, 24.073, 24.073, 24.073, 24.073, 24.073, 24.073, 24.073, 24.073, 24.073, 24.073, 24.073, 24.073, 24.073, 24.073, 24.073, 24.073, 24.073, 24.073, 24.073, 24.073, 24.073, 24.073, 24.073, 24.073, 24.073, 24.073, 24.073, 24.073, 24.073, 24.073, 24.073, 24.073, 24.073, 24.073, 24.073, 24.073, 24.073, 24.073, 24.073, 24.073, 24.073, 24.073, 24.073, 24.073, 24.073, 24.073, 24.073, 24.073, 24.073, 24.073, 24.073, 24.073, 24.073, 24.073, 24.073, 24.073, 24.073, 24.073, 24.073, 24.073, 24.073, 24.073, 24.073, 24.073, 24.073, 24.073, 24.073, 24.073, 24.073, 24.073, 24.073, 24.073, 24.073, 24.073, 24.073, 24.073, 24.073, 24.073, 24.073, 24.073, 24.073, 24.073, 24.073, 24.073, 24.073, 24.073, 24.073, 24.073, 24.073, 24.073, 24.073, 24.073, 24.073, 24.073, 24.073, 24.073, 24.073, 24.073, 24.073, 24.073, 24.073, 24.073, 24.073, 24.073, 24.073, 24.073, 24.073, 24.073, 24.073, 24.073, 24.073, 24.073, 24.073, 24.073, 24.073, 24.073, 24.073, 24.073, 24.073, 24.073, 24.073, 24.073, 24.073, 24.073, 24.073, 24.073, 24.073, 24.073, 24.073, 24.073, 24.073, 24.073, 24.073, 24.073, 24.073, 24.073, 24.073, 24.073, 24.073, 24.073, 24.073, 24.073, 24.073, 24.073, 24.073, 24.073, 24.073, 24.073, 24.073, 24.073, 24.073, 24.073, 24.073, 24.073, 24.073, 24.073, 24.073, 24.073, 24.073, 24.073, 24.073, 24.073, 24.073, 24
                                                 ENERGYAUST, 2019/06/05, 2019/12/31 22:02:36, 201.784, 180.789, 143.766, 108.367, 76.822, 58.797, 40.028, 30.920, 26.576, 23.745, 26.671, 37.293, 47.176, 43.835, 33.488, 36.106, 31.076, 29.503, 25.699, 22.621, 20.203, 20.203, 20.203, 20.203, 20.203, 20.203, 20.203, 20.203, 20.203, 20.203, 20.203, 20.203, 20.203, 20.203, 20.203, 20.203, 20.203, 20.203, 20.203, 20.203, 20.203, 20.203, 20.203, 20.203, 20.203, 20.203, 20.203, 20.203, 20.203, 20.203, 20.203, 20.203, 20.203, 20.203, 20.203, 20.203, 20.203, 20.203, 20.203, 20.203, 20.203, 20.203, 20.203, 20.203, 20.203, 20.203, 20.203, 20.203, 20.203, 20.203, 20.203, 20.203, 20.203, 20.203, 20.203, 20.203, 20.203, 20.203, 20.203, 20.203, 20.203, 20.203, 20.203, 20.203, 20.203, 20.203, 20.203, 20.203, 20.203, 20.203, 20.203, 20.203, 20.203, 20.203, 20.203, 20.203, 20.203, 20.203, 20.203, 20.203, 20.203, 20.203, 20.203, 20.203, 20.203, 20.203, 20.203, 20.203, 20.203, 20.203, 20.203, 20.203, 20.203, 20.203, 20.203, 20.203, 20.203, 20.203, 20.203, 20.203, 20.203, 20.203, 20.203, 20.203, 20.203, 20.203, 20.203, 20.203, 20.203, 20.203, 20.203, 20.203, 20.203, 20.203, 20.203, 20.203, 20.203, 20.203, 20.203, 20.203, 20.203, 20.203, 20.203, 20.203, 20.203, 20.203, 20.203, 20.203, 20.203, 20.203, 20.203, 20.203, 20.203, 20.203, 20.203, 20.203, 20.203, 20.203, 20.203, 20.203, 20.203, 20.203, 20.203, 20.203, 20.203, 20.203, 20.203, 20.203, 20.203, 20.203, 20.203, 20.203, 20.203, 20.203, 20.203, 20.203, 20.203, 20.203, 20.203, 20.203, 20.203, 20.203, 20.203, 20.203, 20.203, 20.203, 20.203, 20.203, 20.203, 20.203, 20.203, 20.203, 20.203, 20.203, 20.203, 20.203, 20.203, 20.203, 20.203, 20.203, 20.203, 20.203, 20.203, 20.203, 20.203, 20.203, 20.203, 20.203, 20.203, 20.203, 20.203, 20.203, 20.203, 20.203, 20.203, 20.203, 20.203, 20.203, 20.203, 20.203, 20.203, 20.203, 20.203, 20.203, 20.203, 20.203, 20.203, 20.203, 20.203, 20.203, 20.203, 20.203, 20.203, 20.203, 20.203, 20.203, 20.203, 20.203, 20.203, 20.203, 20.203, 20.203, 20.203, 20.203, 20.203, 20.203, 20.203, 20.203, 20.203, 20.20
CLOADNSWEA, ENERGYAUST, 2019/06/07, 2019/12/31 22:02:36,228.295,190.071,149.559,119.961,85.371,55.128,42.403,32.531,27.251,37.154,40.182,34.469,41.606,50.525,40.206,35.429,34.082,36.059,28.719,28.099,
CLOADNSWEA, ENERGYAUST, 2019/06/08, 2019/12/31 22:02:36, 209.611, 190.540, 141.887, 103.066, 68.921, 54.611, 39.592, 33.817, 25.387, 21.854, 27.416, 20.401, 32.229, 24.401, 26.118, 33.048, 35.515, 35.204, 40.650, 40.186, 51.866, 51.866, 51.866, 51.866, 51.866, 51.866, 51.866, 51.866, 51.866, 51.866, 51.866, 51.866, 51.866, 51.866, 51.866, 51.866, 51.866, 51.866, 51.866, 51.866, 51.866, 51.866, 51.866, 51.866, 51.866, 51.866, 51.866, 51.866, 51.866, 51.866, 51.866, 51.866, 51.866, 51.866, 51.866, 51.866, 51.866, 51.866, 51.866, 51.866, 51.866, 51.866, 51.866, 51.866, 51.866, 51.866, 51.866, 51.866, 51.866, 51.866, 51.866, 51.866, 51.866, 51.866, 51.866, 51.866, 51.866, 51.866, 51.866, 51.866, 51.866, 51.866, 51.866, 51.866, 51.866, 51.866, 51.866, 51.866, 51.866, 51.866, 51.866, 51.866, 51.866, 51.866, 51.866, 51.866, 51.866, 51.866, 51.866, 51.866, 51.866, 51.866, 51.866, 51.866, 51.866, 51.866, 51.866, 51.866, 51.866, 51.866, 51.866, 51.866, 51.866, 51.866, 51.866, 51.866, 51.866, 51.866, 51.866, 51.866, 51.866, 51.866, 51.866, 51.866, 51.866, 51.866, 51.866, 51.866, 51.866, 51.866, 51.866, 51.866, 51.866, 51.866, 51.866, 51.866, 51.866, 51.866, 51.866, 51.866, 51.866, 51.866, 51.866, 51.866, 51.866, 51.866, 51.866, 51.866, 51.866, 51.866, 51.866, 51.866, 51.866, 51.866, 51.866, 51.866, 51.866, 51.866, 51.866, 51.866, 51.866, 51.866, 51.866, 51.866, 51.866, 51.866, 51.866, 51.866, 51.866, 51.866, 51.866, 51.866, 51.866, 51.866, 51.866, 51.866, 51.866, 51.866, 51.866, 51.866, 51.866, 51.866, 51.866, 51.866, 51.866, 51.866, 51.866, 51.866, 51.866, 51.866, 51.866, 51.866, 51.866, 51.866, 51.866, 51.866, 51.866, 51.866, 51.866, 51.866, 51.866, 51.866, 51.866, 51.866, 51.866, 51.866, 51.866, 51.866, 51.866, 51.866, 51.866, 51.866, 51.866, 51.866, 51.866, 51.866, 51.866, 51.866, 51.866, 51.866, 51.866, 51.866, 51.866, 51.866, 51.866, 51.866, 51.866, 51.866, 51.866, 51.866, 51.866, 51.866, 51.866, 51.866, 51.866, 51.866, 51.866, 51.866, 51.866, 51.866, 51.866, 51.866, 51.866, 51.866, 51.866, 51.866, 51.866, 51.866, 5
CLOADNSWEA, ENERGYAUST, 2019/06/09, 2019/12/31 22:02:36,197.785,161.462,121.421,86.516,65.042,44.556,36.858,38.016,26.249,17.731,18.158,20.397,18.188,24.463,14.146,19.418,32.926,33.858,39.205,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253,41.253
CLOADNSWEA, ENERGYAUST, 2019/06/10, 2019/12/31 22:02:36, 183.088, 176.056, 135.038, 100.517, 73.733, 51.086, 26.585, 24.169, 23.911, 25.456, 23.336, 31.463, 44.830, 43.061, 36.456, 37.793, 40.981, 30.944, 22.210, 16.241, 43.041, 43.041, 43.041, 43.041, 43.041, 43.041, 43.041, 43.041, 43.041, 43.041, 43.041, 43.041, 43.041, 43.041, 43.041, 43.041, 43.041, 43.041, 43.041, 43.041, 43.041, 43.041, 43.041, 43.041, 43.041, 43.041, 43.041, 43.041, 43.041, 43.041, 43.041, 43.041, 43.041, 43.041, 43.041, 43.041, 43.041, 43.041, 43.041, 43.041, 43.041, 43.041, 43.041, 43.041, 43.041, 43.041, 43.041, 43.041, 43.041, 43.041, 43.041, 43.041, 43.041, 43.041, 43.041, 43.041, 43.041, 43.041, 43.041, 43.041, 43.041, 43.041, 43.041, 43.041, 43.041, 43.041, 43.041, 43.041, 43.041, 43.041, 43.041, 43.041, 43.041, 43.041, 43.041, 43.041, 43.041, 43.041, 43.041, 43.041, 43.041, 43.041, 43.041, 43.041, 43.041, 43.041, 43.041, 43.041, 43.041, 43.041, 43.041, 43.041, 43.041, 43.041, 43.041, 43.041, 43.041, 43.041, 43.041, 43.041, 43.041, 43.041, 43.041, 43.041, 43.041, 43.041, 43.041, 43.041, 43.041, 43.041, 43.041, 43.041, 43.041, 43.041, 43.041, 43.041, 43.041, 43.041, 43.041, 43.041, 43.041, 43.041, 43.041, 43.041, 43.041, 43.041, 43.041, 43.041, 43.041, 43.041, 43.041, 43.041, 43.041, 43.041, 43.041, 43.041, 43.041, 43.041, 43.041, 43.041, 43.041, 43.041, 43.041, 43.041, 43.041, 43.041, 43.041, 43.041, 43.041, 43.041, 43.041, 43.041, 43.041, 43.041, 43.041, 43.041, 43.041, 43.041, 43.041, 43.041, 43.041, 43.041, 43.041, 43.041, 43.041, 43.041, 43.041, 43.041, 43.041, 43.041, 43.041, 43.041, 43.041, 43.041, 43.041, 43.041, 43.041, 43.041, 43.041, 43.041, 43.041, 43.041, 43.041, 43.041, 43.041, 43.041, 43.041, 43.041, 43.041, 43.041, 43.041, 43.041, 43.041, 43.041, 43.041, 43.041, 43.041, 43.041, 43.041, 43.041, 43.041, 43.041, 43.041, 43.041, 43.041, 43.041, 43.041, 43.041, 43.041, 43.041, 43.041, 43.041, 43.041, 43.041, 43.041, 43.041, 43.041, 43.041, 43.041, 43.041, 43.041, 43.041, 43.041, 43.041, 43.041, 43.041, 43.041, 43.041, 4
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Feedback Request: Please advise if the proposed simplification to the RM20 report will cause impacts to Participants by COB 18 September 2020.

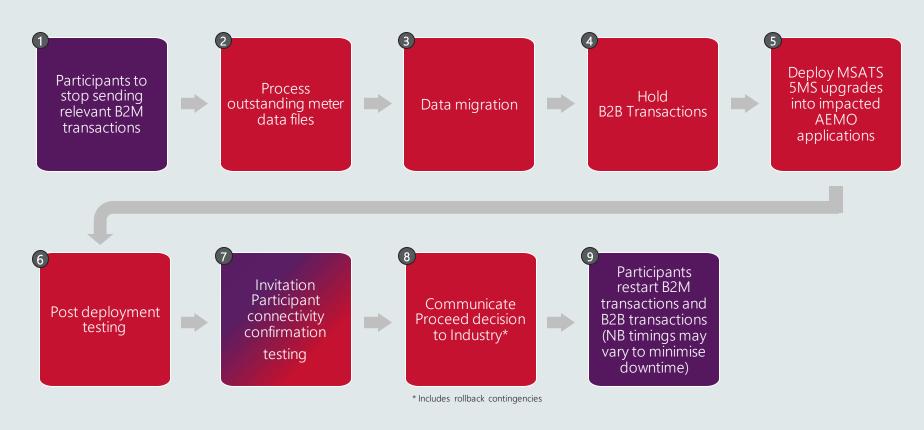
Retail platform go-live plan

Austin Tan & Greg Minney



High level cutover approach

The following is an indicative high-level cutover approach, to be confirmed with the RWG and CFG. Please note that <u>timings and detail approach will be confirmed</u> in the cutover schedule provided in the Retail platform go-live plan.



Steps 2 – 8 are being developed as part of the AEMO program Cutover planning and testing



Key:

Industry Participants

AEMO

Consultation approach for Retail platform go-live plan

Early engagement	AEMO seeks e • 31 Aug 20	arly feedback from RWG: RWG provides feedback on scope and approach to Retail go-live plan
First draft	• 9 Oct 20	AEMO publishes first draft of plan for review
Cutover Focus Group	• October	First Cutover Focus Group to discuss plan
Feedback deadline	• 23 Oct 20	Deadline for industry to provide feedback on first draft plan
Second draft	• 6 Nov 20	AEMO publishes second draft of plan
Feedback deadline	• 20 Nov 20	Deadline for industry to provide feedback on second draft plan
Final plan	• 4 Dec 20 updates	AEMO publishes final paper after considering suggestions and Dress Rehearsal
Revisions	• TBC	AEMO revises plan based on any updates

Next steps

- Consolidate feedback on structure of Retail go-live plan limited Industry feedback received to date
- AEMO to publish first draft of plan on 9 October 2020
- AEMO to establish cutover group in mid-October to discuss draft plan
 - RWG members to nominate members for initial review group
 - Cross section of impacted participant roles (MDP, DNSP, FRMP)



Forward Plan and Other Business

Greg Minney



Next RWG Meeting

- Update on proposal to change Settlements go-live date
- Retail go-live plan
- Debrief from TFG
- Dispatch platform go-live plan



Upcoming meetings/focus groups

Anne-Marie McCague



Upcoming meetings

https://aemo.co m.au/initiatives/ majorprograms/nemfive-minutesettlementprogram-andglobal-

Current as 13 Sep 2020



SEPTEMBER

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

Forums/Working Groups

Executive (EF)

Program Consult. (PCF)

Procedures (PWG)

Systems (SWG)

Readiness (RWG)

Industry Testing (ITWG)

OCTOBER

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

Focus Groups

Dispatch

Metering

Settlements

Transition

Reconciliation

Contingency

Industry Testing

NOVEMBER

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	1	2	3	4	5

Other

Information sessions

Q&A session

National Public Holiday

State Public Holiday*

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

Questions





Appendices



Appendix Contents

A1: L2 Readiness Milestones



A1: L2 Readiness Milestones



Level 2 Milestones – Readiness

	Domain	Initiative	2019			2020				0 0	2021				
			Q1	Q2	Q3	Q4	Q1	-RE3	Q2	Q3	Q4	-M17 -RE29 2-D8 -RE30	Q2	Q3	Q4
	Readiness						L2-RE11	L2-S12 L2		L2-RE22	L2-RE18	L2-M11 L2- L2-D7 L2 L2-M24 L2-	L2-M10		
L			Jan Feb Mar	Apr May Jun	Jul Aug Sept	Oct Nov Dec	Jan Feb N	Mar Ap	or May Jun	Jul Aug Sept	Oct Nov Dec	Jan Feb Mar	Apr May Jur	Jul Aug Sep	Oct Nov Dec

Milestone complete

Milestone on track

Milestone at risk

Milestone not achieved

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



Status

Expected Date Owner

Participants

AEMO

ΔEMO

Participants

Participants

17-Feb-2021

17-Feb-2021

15-Mar-2021

15-Mar-2021

19-Mar-2021

05-Jul-2021

05-Jul-2021

05-Jul-2021

01-Aug-2021

27-Aug-2021

01-Oct-2021

01-Oct-2021

01-Feb-2022

01-Feb-2022

21-Dec-2021

01-Oct-2021

01-Oct-2021

01-Feb-2022

01-Feb-2022

21-Dec-2021

Level 2 Milestones – Readiness

	Domain	Initiative	2019			2020			2021		2			
			Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	2-S11 -RE328	Q2	Q3	PS Q4
	Re a diness										L2-S10 L2 L2-RE32 L2-	12-8533	L2-RE20 L2-D10	L2-D11
			Jan Feb Mar	Apr May Jun	Jul Aug Sept	Oct Nov Dec	Jan Feb Mar	Apr May Jun	Jul Aug Sept	Oct Nov Dec	Jan Feb Mar	Apr May Jun	Jul Aug Sept	t Oct Nov Dec

		Jan Feb Mar Apr May Jun Jul Aug Sept Oct Nov Dec Jan Feb Mar Apr May Jun Ju	l Aug Sept Oct Nov De	С					
Key Milestones (Program)									
	ID	Milestone	Target Date						
	L2-S10	Settlements Industry Test preparation completed by participants	17-Feb-2021						
Milestone complete	L2-S11	Settlements Industry Test preparation completed by AEMO	17-Feb-2021						
Milestone on track	L2-RE28	Dispatch Industry Test concludes	15-Mar-2021						
Milestone deferred	L2-RE32	Settlements Industry Test concludes	15-Mar-2021						
Milestone at risk	L2-RE19	Industry Go-Live Plan Settlements, Dispatch & Bidding finalised	19-Mar-2021						
Milestone not achieved	L2-RE23	5MS Capability Market Trial preparation completed by participants	05-Jul-2021						
	L2-RE24	5MS Capability Market Trial preparation completed by AEMO	05-Jul-2021						
	L2-RE31	5MS Capability Market Trial commences	05-Jul-2021						
	L2-RE20	Industry Go-Live Plan – 5MS Capability final complete	01-Aug-2021						
	L2-D10	5MS Capability Market Trial concludes	27-Aug-2021						

30-min Bidding no longer accepted by AEMO

MDMT format no longer accepted by AEMO for interval meters

GS Market Trial preparation completed by participants

GS Market Trial preparation completed by AEMO

Industry Go-Live Plan - GS Canability final complete



L2-D11

L2-RE25

12-RF21