

5MS & GS Systems Working Group (SWG) meeting notes

Meeting SWG #21
Date Wednesday, 29 April 2020
Time 10:00 – 13:00
Location Webex

Attendees

Please let 5MS@aemo.com.au if there is an error or omission with the attendees list.

ATTENDEE	ORGANISATION	LOCATION
Alex Alexander	AEMO	WebEx
Amit Kumar	AEMO	WebEx
Anne-Marie McCague	AEMO	Melbourne
Blaine Miner	AEMO	WebEx
Graeme Windley	AEMO	Melbourne
Greg Minney	AEMO	WebEx
Ian Devaney	AEMO	WebEx
Jennifer Fikret	AEMO	WebEx
Jim Agelopoulos	AEMO	Melbourne
Mark Hillaby	AEMO	WebEx
Paul Lyttle	AEMO	Melbourne
Pierre Fromager	AEMO	WebEx
Rowena Leung	AEMO	WebEx
Scott Maskiel	AEMO	WebEx
Simon Tu	AEMO	WebEx

Tui Grant	AEMO	WebEx
Andrew Peart	AGL	WebEx
Annett Reitmann	AGL	WebEx
Chris Leffley	AGL	WebEx
Gail Mitchell	AGL	WebEx
Subhra Sekhar Kar	AGL	WebEx
Jaya Mukherjee	Alinta	WebEx
Natasha Rajdev	Alinta Energy	WebEx
Soham Roy Chaudhuri	Alinta Energy	WebEx
Stuart Robinson	Arrow Energy	WebEx
Stuart Robinson	Arrow Energy	WebEx
Craig Eadie	Aurora Energy	WebEx
Kevin Boutchard	Aurora Energy	WebEx
Alex Polonetskiy	Ausgrid	WebEx
Dun Hoang	Ausnet Services	WebEx
Dun Hoang	Ausnet Services	WebEx
Mmaleki	Ausnet Services	WebEx
Vesna Dulovic	Ausnet Services	WebEx
Trent Smith	Brave Energy	WebEx
James Hutt	CS Energy	WebEx
Khadka Ramesh	Electranet	WebEx
Dino Ou	Endeavor Energy	WebEx
Nicole Bright	Energex	WebEx
Steve Smith	Energex	WebEx
Jon Ham	Energy Australia	WebEx
Luke Emrose	Energy Australia	WebEx
Roy Utomo	Energy Australia	WebEx
Tilin Yi	Energy Australia	WebEx

Joseph Giddings	Energy One	WebEx
Andrew Lenga	Engie	WebEx
Avinash	Engie	WebEx
Drew Pass	Engie	WebEx
Greg Fawcett	Engie	WebEx
Ingrid Farah	Ergon Energy	WebEx
Belinda Jarrett	ERM Power	WebEx
Emily Lewis	ERM Power	WebEx
Sharleen Flanagan	ERM Power	WebEx
Snehal Jogiya	ERM Power	WebEx
Stewart Bryce	ERM Power	WebEx
Adam Dubojski	Essential Energy	WebEx
Henry Rickard	Essential Energy	WebEx
Andrew Steer	Gentrack	WebEx
Jarrah Rijswijk	Hydro Tas	WebEx
Suraj	Intellihub	WebEx
Matthew Mullen	Jemena	WebEx
Marina Bakh	Jemena	WebEx
Raj Aravinthan	Jemena	WebEx
Tejas Vadera	Jemena	WebEx
Dan Hillier	Meridian	WebEx
Sreeni Srirangam	Metering Dynamics	WebEx
Mark Lee	Momentum Energy	WebEx
Parmod Hooda	Mondo	WebEx
Brendan Twiddy	Origin Energy	WebEx
Frances Espiritu	Origin Energy	WebEx
Mirella Jaric	Origin Energy	WebEx
Marian Vasjuta	Origin Energy	WebEx

Greg McLeod	Origin Energy	WebEx
Olivia Fleming	Origin Energy	WebEx
Yvonne Tuckett	Origin Energy	WebEx
Frank Sama	Plus ES	WebEx
Nick Gustafsson	Red Energy	WebEx
Christophe Bechia	Red Energy	WebEx
Rajiv Kalra	SA Power Networks	WebEx
Audrey Follett	Snowy Hydro	WebEx
Angela Sheehy	Stanwell	WebEx
Elizabeth Byrne	Stanwell	WebEx
Michael Flyn	Stanwell	WebEx
Owen Self	Stanwell	WebEx
Tim Bellette	Stanwell	WebEx
Adrian Honey	TasNetworks	WebEx
Paul Greenwood	Vector AMS	WebEx
Jayendra Weerawardana	Zen Energy	WebEx
CartwrT		WebEx
Manoj Parameswaran		WebEx
Wiberga Misquitta		WebEx

Preliminary Matters

1. Welcome – G. Windley

Attendees were welcomed to the #21 Systems Working Group (SWG) and it was noted that the meeting was being recorded for the purposes of note taking. It was requested for participants on Webex or phone to message or email 5ms@aemo.com.au for inclusion on the list of attendees. An amendment to Agenda order was explained.

2. Meeting notes and actions – G. Windley / A. McCague / J. Agelopoulos (slides 3)

The meeting notes for the previous SWG held on 16 March 2020 were confirmed. The actions from meeting #20 have been reviewed and updated. Please refer to the meeting pack and list below for more details.

3. Program Update – G. Windley (slides 4 - 9)

The program is overall amber due to 30 June date for completed development which is predicted to not be met. Retail plan go live 09-Mar- 2021 to meet the 17-Feb-2021 start for first 5MS market trials under the current timetable.

Preparations are occurring with regard to either the current go live date or the deferral of the date.

4. Proposed Industry Deferral – G. Windley (slides 3 - 24)

AEMO provided a summary of the proposed rule change request submitted to AEMC. Presenters provided an overview of the impact that a 12 month deferral would have on each of the planned external milestones and functionality. It was confirmed that the proposed 12 month deferral would not change the functionality of each system deployment but would elongate the transition period. See slides for more detail.

Further discussion took place on the following topics:

Rule change and impact on program, program timelines & market trials (slide 10)

- Replacement for type 4/4A meters
 - It was noted that AEMO's rule change proposal did not suggest a change to this milestone. This reflects AEMO's rule change proposal. Participants are encouraged to provide feedback on this as part of the rule change consultation. See Appendix 1 for further information.
- Market Trials

- AEMO confirmed that the impact of the proposed deferral on Market Trials would be discussed through the Readiness Working Group (RWG).
- Industry testing and Market Trials are optional for participants but participation is encouraged
- Length of deferral
 - AEMO confirmed that the AEMC would consult with industry prior to coming to a final determination on the length of the deferral or whether a deferral was appropriate.

Question: Based on the deferral, will another set of Industry trials be introduced for participants that choose to delay their programs of work?

AEMO Response: This will be managed through the Readiness stream of work and will be discussed via the Readiness Work Group (RWG).

Question: Both the market trials and industry trials rules appear to run parallel when it was previously agreed they would not?

AEMO Response: AEMO is considering changes to the timeline to accommodate various conflicts in 2021, and also encourages the use of the 5MS Staging Environment (where possible) to enable testing of five-minute changes.

Question: Has there been any discussion on capability restrictions with the possibility of deferral? There could be potentially 12-15mths between when the capability is released and the MTP indicates the activity should occur.

AEMO Response: To be discussed with the Transition Focus Group (TFG).

Question: Is it possible to share this updated presentation pack after the meeting?

AEMO Response: The pack is distributed to all participants in advance. Please mail the 5MS mailbox to ensure inclusion within the distribution list. They are also uploaded to the AEMO website (5MS pages) after the meeting.

Retail: MDM & PAE delay & impact on deliverables (slide 14 – 18)

Question: Is the deferral to 09-Mar-2021 the MDM milestone previously targeted for 07-Dec-2020?

AEMO Response: Yes

Question: Does this change the schema Release date / delay the schema Release too?

AEMO Response: Yes, the r39 schema release date will also be 09-Mar-2020.

Question: What are the implications for the Feb date to start accepting the MDFF NEM 12 files?

AEMO Response: The MDFF NEM 12 files will be accepted by AEMO from 09-March-2021. Participants are requested to discuss impacts of a deferral of the delivery of 5 minute settlement data to 01-April-21 in NEM12 at the RWG.

Question: Is there a possibility of the deferral being less or more than 12 months as well?

AEMO Response: Yes, 12 months is the proposal but AEMO will consult and determine the outcome which could be less, more or no deferral.

Question: Does retail MDM Testing running in Feb include testing of 5-minute capability (metering as well)?

AEMO Response: Testing of the submission of MDFF in 5-min format can be completed in Staging. The receipt of 5-min reporting will be available in both Staging and Pre-Prod, noting there will only be limited 5-min data available in Pre-Prod at the time (noting the use of live data).

Question: Will participants be able to submit five-min reads into pre-Prod and retrieve these out via reports in February 2021?

AEMO Response: Yes, and this can also be done in Staging from September this year.

Question: Do participants need to publish Standing Data in line with AEMO's MDM release or hold off till 5MS and GS go live date?

AEMO Response: Standing Data updates should be published in line with the timeframes in the Metering Transition Plan (MTP). Where required the new codes will be made available with the 09-March-2021 MDM release and Participants should make their required Standing Data updates prior to the dates outlined in the MTP.

Question: Will API Pull/Push be available in Pre-Prod?

AEMO Response: Both methods are for Pre-Prod. For Staging, Stage 2 will be API Push only, Stage 3 will include API Pull/Push.

Action 21.4.1: AEMO to confirm optionality for enabling Pull. Participants are requested to advise 5ms mailbox if they wish to go to Pull for B2M message exchange.

Question: Do you consider ADL update to Net data stream as change?

AEMO Response: At this stage AEMO does not believe that an ADL update triggers the mandatory transition from Net to Register. MDPs can choose to do so.

With regard to regression testing new software releases (including the new MDM & PAE solution and the r39 schema) AEMO can only encourage participation. If there is an error within the Pre-Production environment AEMO will attempt to correct it, as it would treat a production defect - AEMO regularly releases defect fixes into Production.

Customer Switching / R39 Schema (Slide 19)

An update was provided on the final determination for Customer Switching as set out on slide 15. Customer Switching go-live will be after the 5MS Retail Systems Go-Live. Participants will be notified of the date a minimum of eight month prior to Customer Switching Go-Live.

Multiple participants raised concerns about both Customer Switching and 5MS changes released in the same schema, although the industry go live dates are not connected. Their understanding is their internal systems must be ready with both changes to accept the schema.

AEMO has built the MDM system to be backwards compatible to n-1 and it is designed to enable the receipt of new fields, not stopping current processing (noting the need for participants to complete regression testing). AEMO will schedule a session for concerned participants to discuss.

Action 21.4.2: AEMO to arrange a Focus Group on aseXML Schema r39 and the impact of the schema updates on participants' systems updates for 5MS and Customer Switching.

Question: Do we need r39 schema to use new classification codes?

AEMO Response: The existing r38 schema will support the new NMI Classification Codes these are new values for existing fields and are not enumerated in the schema.

Question: When it comes to Standing data updates, to support 5MS and GS, the transition windows are specified in the Metering Transition Plan managed by the RWG. There is a difference between when AEMO capability is migrated into Production as opposed to when the Industry is ready to leverage this functionality.

AEMO Response: Yes, the r39 schema will include both 5MS and Customer Switching changes. The schema can go in independently and the same process if the participant does not update for 5MS. Participants need to make their own decisions on what functionality is required to be used and when.

Question: If I stay on r38 and the new datastream type code is used, then what will I receive in the notification to me? New data stream type should come out on the exiting schema as per normal.

AEMO Response: New data stream type will come out on the exiting schema as per normal.

Action 21.4.3: AEMO to confirm how participants will be notified when new datastream type codes are used when still on the r38.

Responses to the 2500 series CRs provides the datastream type for each suffix the new datastream type code 'N' will be a value in this field when configured in MSATS.

For Datastream Type options please refer to the Table 12 in Standing Data For MSATS v5.0

Question: If it is not mandatory to migrate to r39 schema as a part of the 5MS on 1st July 2021 - then when we will need to migrate to r39?

AEMO Response: The only time it is mandatory to update your schema is when you are currently using the Superseded version and a new version is released.

The key functionality that will be used when the schema is released is: RM37 Report identifying high priority missing meter data to ensure settlements are correct. RM38 and RM39 reports are around MDFF data coming in the door and ensuring AEMO has collect all settlement data. These reports are very relevant to MDPs

Question: Does r39 apply to B2B messages where it contains standing data details - e.g. TNI2 in a MeterData MissingNotification or MeterDataVerifyRequest.

AEMO Response: The addition of TNI2 will be included in any schema transaction that results in the Electricity Master Standing Data or Electricity NMI Master Group being returned in the results. This may impact Common NMI Master elements across Standing Data and Change Requests.

Action 21.4.4: AEMO to confirm if r39 applies to B2B messages where it contains standing data details (i.e. TNI2 in a MeterData MissingNotification or MeterDataVerifyRequest)

The above nominated transactions include NMI standing data and will display the TNI2 code when applied to a Cross Boundary connection point

Question: Does AEMO plan to do a round of regression testing with participants for the r39 schema and will that be part of the MDM industry test phase?

AEMO Response: No, AEMO do not intend to include regression testing with participants, the schema will be made available in the test systems prior to go live for participants to perform their own testing..

Action 21.4.5: AEMO to confirm any plans for regression testing with participants before the release of r39.

The following dates indicate when the Schema will be available for participants to perform industry testing:

Staging environment – Drop 3 end of August 2020

Pre-Production – Start of February 2021

Question: If a participant is planning to defer 5MS until 2022 but Customer Switching is due to go live before this, then won't they be forced to take r39 schema into production before they have tested 5ms functionality?

AEMO Response: AEMO have a single schema for B2B, B2M and Gas, if participants want to use functionality being introduced that require a schema change they are required to take all previous changes within the schema. However it is up to the participant's business to determine if they want to use the additional functionality within the schema.

Settlements – impact of proposed 12 months deferral (slide 20 - 22)

Question: Are retailers required to send in 5-min or 30-min data?

AEMO Response: This is based on Trading window, and to be confirmed via the RWG.

Question: Can a retailer who defers their program of work for 12 months do nothing and there is no impact to their operations?

AEMO Response: AEMO can only provide information and is not in a position to make decisions for participants.

Action 21.4.6: AEMO to provide a summary of market system capability go live impacts on participants, per stream.

Staging Environment (Slide 23) & approach to assessment of industry impact (Slides 24)

AEMO confirmed that it will make available 5-min functionality either through Pre-prod or the 5MS Staging Environment for participant testing in 2022 if the rule deferral is accepted.

5. Reallocations Deployment – A. Alexander (slides 25-27)

AEMO provided an update on reallocations deployment, noting production cutover was completed on 01-Apr-2020. Four issues were identified and resolved.

6. Industry Testing Working Group Update – T. Grant (slides 28-29)

AEMO provided an update on the Industry Testing Working Group, highlighting:

- A call for nominations for members of a focus group to assist with test plan planning and preparation of release 3.
- Focus Group has been postponed due to proposed 12-month deferral and changes to release 3 milestones.
- Walk through of Dispatch and Bidding release was conducted showing changes the new system would deliver.
- Discussion which took place on schema changes from a testing perspective. Detail to be put into the test plan for release 3.

7. Readiness Working Group Update – B. Miner (slides 30- 34) as per slide.

AEMO provided an update on Readiness and outcomes for the Readiness Work Group meeting on 14-Apr-2020, which focussed on understanding the rule change proposal, impact assessment and contingency planning.

The Transition Focus Group met on 06-Apr-2020 and discussed clarity and understanding of activities in the MTP, share plans and approaches, along with support for ongoing participant work programs. They provided a CNDS clarification document.

The initial round of Readiness Reporting was completed, and the summary report is available on the 5MS website. The survey for round two was issued on 06-Apr-2020 and going forward will include questions on Covid-19.

AEMO confirmed that the Readiness documents would be reviewed and updated as necessary once the AEMC makes a final determination on the proposed 12 month deferral.

8. Procedures Update – S. Tu (Slides 35 - 37)

AEMO provided a procedures update as per the slides.

Question: With regards to the procedure change log, the approved CR18 (MDP version date/time for each settlement day on RM17, RM21 and RM27) is not yet reflected in MDM Procedures v4.0 to reflect new data. Can you confirm when this will be updated?

AEMO Response: AEMO to take an action.

Action 21.8.1: AEMO to confirm when MDM Procedures v4.0 will be updated to reflect approved CR18.

Question: Does the time limit for market participants to provide input to the procedural changes get extended e.g. metrology changes,? Presumably this would be extended beyond October 2020 for 12 months in line with the rule deferral. It's about managing the consultation process and the requirements to participate and reflect. Nothing specific at this point?

AEMO Response: Consultations and procedures have set timeframes that AEMO have to follow.

See Appendix 2 for further information.

9. Next meeting – G. Windley / AM. McCague (slides 38 - 40)

AEMO noted that the next SWG #23 meeting is scheduled to be held on 20 May 2020 Will include more details on dispatch and settlement deployments. Any other agenda items to be added please advise 5ms mailbox.

10. Retail stream update – J. Agelopoulos (slides 41 - 46)

AEMO provided a Retail Stream update with changes noted, and confirmed milestones L2-M27 (AEMO internal metering solution – build complete (internal)) and L2-M28 (Software Release 3 for Package 3 in 5MS Staging Environment) are to be completed by 31-Aug-2020.

11. Changes to AEMO's Meter Data Validation Framework – S. Tu (47– 48 slides)

AEMO considered the new validation framework for B2M MTRD and found AEMO can accommodate rejecting metering data for data streams not established in CATS NMI DataStream

(CNDS) and rejecting metering data for NMIs not established in CATS NMI Data (CND), however cannot accommodate rejecting metering data sent by a participant not associated to an NMI in CATS NMI Participant Relationships (CNPR)

Question: For (slide 48 item c) can you confirm the rejection will be on a NMI basis, therefore if multiple NMI's contained in the file, then the response will be a Partial Acceptance?

AEMO Response: Yes, as it currently works with our approach to validations.

12. CNDS Updates B. Miner (Slide 49 – 54)

A more granular and global source of reference data is required, resulting in Net CNDS records being gradually replaced by Register Level CNDS records. AEMO will be publishing a clarification document shortly to provide specific guidance on how this transition will occur. This document will be intended for Meter Data Providers (MDPs) impacted by 5MS and GS reforms.

13. Dispatch Stream Update – I. Devaney (slides 55 - 58)

The SWG were requested to advise AEMO if bidding tables aren't seen. The Program's Dispatch stream will investigate and resolve.

14. 5MS Inbox Feedback – P. Fromager (slide 59 - 60)

Three queries were received and addressed through the Inbox as per slide 61.

15. Settlements stream update – M. Hilllaby & T. Grant (slide 61 - 64)

AEMO provided an update on settlements which along with billing, entered Staging in March.

Noticed the Production Dates moved to April 21. Previously it was May 21. G. Windley advised his was a correction on the slide.

Upcoming items include participant engagement on the initial four weeks of staging activities for settlements and preparing activity for staging scheduled for Mid May and 5 minute activities in June 2020.

16. Meeting Close

Meeting closed at 13:15.

Actions Log

Item	Status	Topic	Action	Owner	Due By	Comment
Action 21.4.1	Open	Proposed Industry Deferral	AEMO to confirm optionality for enabling Pull. Participants are requested to advise 5ms mailbox if they wish to go to Pull for B2M message exchange.	AEMO	20/05/2020	
Action 21.4.2	Closed	Proposed Industry Deferral	AEMO to arrange a Focus Group on aseXML Schema R39 and the impact of the schema updates on participants' systems updates for 5MS and Customer Switching.	AEMO	08/05/2020	Arranged for 11 May 2020
Action 21.4.3	Open	Proposed Industry Deferral	AEMO to confirm how participants will be notified when new datastream type codes are used when still on the r38.	AEMO	20/05/2020	
Action 21.4.4	Open	Proposed Industry Deferral	AEMO to confirm if r39 applies to B2B messages where it contains standing data details (i.e. TNI2 in a MeterData MissingNotification or MeterDataVerifyRequest)	AEMO	20/05/2020	
Action 21.4.5	Open	Proposed Industry Deferral	AEMO to confirm any plans for regression testing with participants before the release of r39.	AEMO	20/05/2020	
Action 21.4.6	Open	Proposed Industry Deferral	AEMO to provide a summary of market system capability go live impacts on participants, per stream.	AEMO	20/05/2020	

Item	Status	Topic	Action	Owner	Due By	Comment
Action 21.8.1	Open	Readiness Working Group update	AEMO to confirm when MDM Procedures v4.0 will be updated to reflect approved CR18.	AEMO	20/05/2020	
20.12.1	Closed	Metering	AEMO to work with Arif Syarifuddin, Powercor to confirm the rejections of duplicates and which retailers are doing so.	AEMO	22/04/2020	Arif Syarifuddin has confirmed that retailers do not reject resent MDFF reads with the same UpdateDateTime. Full update to be provided with current SWG (#21) session.
20.12.2	Open	Metering	AEMO to circulate note on the Rejection of Metering data sent by MDP not in the MDP role. AEMO will present this item to the Transition Focus Group (TFG meeting #6) on 6 April 2020 and the following Readiness Working Group (RWG meeting #10) on 14 of April 2020 to seek the input of these groups. A dedicated follow-up session to be scheduled after this item has been presented to the TFG and RWG.	AEMO	22/04/2020	Issue has been presented to TFG and RWG. Principle feedback from TFG is they questioned some of the used cases of where Metering data has been sent out of sequence of standing data. Full update to be provided with current SWG (#21) session.
20.17.1	Open	Dispatch	AEMO to provide a list of affected tables in the data model.	AEMO	22/04/2020	Queries from AGL, Energy Australia and Snowy Hydro addressed via a conference call on May 6 th . The holding of other sessions being planned for a later date. These will be called Data Model Information Sessions.
19.4.1	Closed	Staging Environment	AEMO to confirm how the UFE artificial data will be created at the next SWG.	AEMO	16/03/2020	Update to be provided at the SWG#20. <ul style="list-style-type: none"> UFE data for 5-minute and transition weeks will be artificially generated via a random generator.
19.7.1	Closed	Procedures Update	AEMO to confirm the RWD proposal focus at the next SWG.	AEMO	16/03/2020	Meter read type code. Consultation on issues paper closed Tue 31 March. Majority of responses support the concept to identify interval length.

Item	Status	Topic	Action	Owner	Due By	Comment
						Suggestions have been received on what format this should be provided in to MSATS.
19.9.1	Closed	Retail stream update	AEMO to report back at the next SWG meeting whether the MSATS Standing Data Review program will impact the 5MS program.	AEMO	16/03/2020	Update to be provided at the SWG#20.
19.12.1	Open	Dispatch	Participants that will use the web screens to start using them in the 5MS Staging Environment to provide AEMO insight on how they will respond in the pre-production environment.	Partici pants	16/03/2020	Closed, AEMO received feedback and responded

DRAFT

Appendix 1: Further information on rule change process

	Rule change process	Procedure change process	Electricity contract market changes
What?	AEMO submitted a rule change request to defer 5MS and GS by 12 months. See: https://www.aemc.gov.au/sites/default/files/documents/erc0298_rule_change_request_pending.pdf	The rule change request seeks that: <i>As a transitional matter, AEMO proposes that any changes that are required to already-determined procedures for the sole purpose of deferring the effective date of 5MS or GS should not require consultation.</i>	A delay to 5MS would affect the contracts market. Contracts would need to be assessed for any impacts.
Who?	AEMC runs NER changes See: www.aemc.gov.au	AEMO runs NEM procedure changes under s8.9 of the National Electricity Rules Different forums are used for doing initial consultation with industry (see examples on next slide).	Retailers, generators and other specialised market participants agree bilateral contracts for electricity (OTC, futures etc). AFMA could potentially assist by facilitating a working group that considers standard templates for these agreements
How long?	It depends on whether AEMC runs the process as: <ul style="list-style-type: none"> an 'expedited' rule change: 8 weeks with one round of consultation, or a standard rule change: several months with two rounds of consultation See: https://www.aemc.gov.au/our-work/changing-energy-rules	It depends: <ul style="list-style-type: none"> Standard procedure changes have two rounds of consultation: several months Minor and administrative procedure changes are sometimes permitted without consultation or with modified consultation requirements The AEMC may determine how procedures impacted by the 5MS deferral rule change are consulted.	Industry led. May have dependencies on the rule change process.
How to have your say	<ul style="list-style-type: none"> Make a submission to the rule change process Participate in any stakeholder workshops or hearings 	<ul style="list-style-type: none"> Make a submission to any procedure change process Participate in any stakeholder forums 	Industry led.
Key stakeholders	Whole of industry including retailers, generators, metering service providers, network service providers, consumer representatives and large industrial customers	5MS program stakeholders are mainly: retailers, generators, metering service providers, network service providers.	Those participants who enter into contracts to buy/sell electricity.

Appendix 2: BAU channels for AEMO procedures issues

Area	Channel
Metering / metering data / standing data	B2M Electricity Retail Consultative Forum (ERCF) • Follow change process B2B Information Exchange Committee • Follow change process
Settlements	email: settlements@aemo.com.au
Prudentials	email: prudentials@aemo.com.au
Dispatch	NEM Wholesale Consultative Forum • email: nemwcf@aemo.com.au