

## 5MS & GS Systems Working Group (SWG) Meeting Notes

Meeting	SWG #15
Date	Monday, 21 October 2019
Time	10:00 – 13:00
Location	AEMO Offices Melbourne, Brisbane, Sydney, Adelaide, Norwest and by WebEx

### Preliminary Matters

#### 1. Welcome – H. McNeish

Attendees were welcomed to Systems Working Group #15 (SWG).

Apologies made for Sammy Wainrit.

#### 2. Meeting Notes and Actions – H. McNeish (slides 3-4)

Actions and updates are included in the table at the end of the meeting notes.

#### 3. Level 1 & 2 Milestones Timeline – H. McNeish (slides 5-6)

AEMO highlighted that the milestones timeline had been consolidated to ensure consistency across the streams, noting that the timeline was last updated on the 4 October.

#### 4. Retail Stream Update – J. Agelopoulos (slides 7-9)

AEMO highlighted that the key milestones were met, noting the release of the 30 September included the MSATS Technical Specification and the MDM File Format and Load Process (User Guide).

AEMO noted that the new validation matrix that outlines a number of the new validations that will be implemented, noting that the documents title is now the MSATS Technical Specification Schedule and no longer includes 'release schedule' in the title.

It was noted that the Readiness Working Group (RWG) and Transition Focus Group (TFG) are the key consultation forums that provide program dates.

A Participant queried whether the technical specification outlined where the latest dates.

Participants queried whether dates could be published on the website, rather than in the technical specification so that they can be live dates. AEMO noted that there is a timelines slide pack on the website that outlines the key dates - <https://aemo.com.au/-/media/Files/Electricity/NEM/5MS/5MS-Program-Timeline--Key-Dates-External-v10-060919.pdf>.

AEMO highlighted that whilst the MSATS Technical Specification has been finalised, it may be subject to minor corrections prior to the B2M via API and internal Metering solution Go-Live dates.

AEMO highlighted the date for the User Guide due for release on 31 October, noting a typo in the call out – proposed the change to the 17 February 2020.

AEMO noted all the information Participants require to build their own APIs is published in the MSATS Technical Specification. Swagger files will also be released for the B2M API release in mid-January 2020.

A Participant queried what level of detail will be in the User Guide that's not in the technical specification. AEMO confirmed that an enterprise level approach is now being followed, noting that the API portal is moving into a cloud-based service and will include technical documents including the swagger files, not included in the technical specifications.

AEMO highlighted that the key change will be a move away from PDF and Word documents, noting that technical information will be provided on a web-based system.

AEMO noted the change in authorisation and authentication model, moving away from API keys.

## **5. Metering Documents and 'N' Quality Flag – S. Tu (slides 11-15)**

AEMO provided an update on the metering documents and 'N' Quality Flag.

AEMO provided an overview of the changes to the MDM File Format and Load Process, MSATS 46.96 Technical Specification and Meter Data Validation Matrix. AEMO noted that there is a marked up version of each of the documents, showing the changes to the documents on the website.

AEMO highlighted the removal of the N Quality Flag in the MDFF (NEM12). This change has been proposed as MDPs have the requirement to provide substitute data instead, and AEMO has confirmed this approach with a number of MDPs.

AEMO will provide an update at SWG #16 regarding MDP discussions regarding the removal of the N Quality Flag.

Engie questioned what time zone the project times are in. AEMO noted that all updated times are in Australia Eastern Standard Time.

**Action 15.5.1 – Participants to provide feedback on the MDM File Format and Load Process , MSATS 46.96 Technical Specification and Meter Data Validation Matrix.**

**Action 15.5.2 – AEMO to provide an update at SWG #16 regarding MDP discussions regarding the removal of the N Quality Flag.**

**Actions 15.5.3 – Participants to provide any objections to removing the N Quality Flag in the MDPs to AEMO.**

## **6. Settlements Stream Update – M. Hillaby (slides 17-18)**

AEMO provided an update on the Settlements Stream, noting that there are no changes to the Settlements deliverables table.

A Participant questioned whether the final technical specification for reallocations had been released by the 15 October. AEMO confirmed that the final technical specification for reallocations had been completed the week prior and confirmed that notification would be provided to Participants.

AEMO confirmed they had been requested to provide Participants with the invoicing statements and the ELSS data model. AEMO would provide Participants with this information before 24 December 2019.

## **7. Dispatch Stream Update – I. Devaney (20-22)**

AEMO confirmed that there is a delay on the web bidding and user guide, noting that this would be provided by 29 November.

AEMO confirmed that they are still on track with the key milestones.

## **8. Bidding Web UI – M. Malhotra**

AEMO provided an update and demonstration on the web bidding interface.

A Participant questioned whether the differences have been documented from the last version of the web bidding interface. AEMO confirmed that the technical document will have all the information regarding the web interface included.

A Participant commented that the bidding web UI looked very intuitive and an improvement from the last one.

A Participant questioned whether you're able to view multiple UIDs at the same time. AEMO confirmed that when you select multiple UIDs that you're interested in, you can then go to each and modify and submit them.

A Participant questioned whether AEMO had a draft technical specification on the bidding web UI. AEMO confirmed that the technical specification had been delayed and that it would be released in time for the Staging environment.

- Participant sought clarification on a number of matters: Will the system support copy and pastes? AEMO confirmed that copy and pasting can be done.
- What does 1+1 mean in the graph label. AEMO confirmed that the 1+1 is showing that between 0 and up until midnight the following day.
- Sought clarification as to when the design technical specification would be available. AEMO confirmed that the design technical specification would be available from the 29 November.
- Are there any enhancements/automation specific to FCAS estimation based on dispatch load availability. AEMO confirmed that there weren't any enhancements/automations specific to FCAS estimation based on dispatch load availability.
- What will be supported browser for the web bidding UI. AEMO confirmed the preferred browser for the web bidding UI is Firefox, Chrome, Edge and XX?

#### **Actions 15.8.1 – Participants to provide feedback on the bidding web interface.**

### **9. Staging Environment – H. McNeish (26 – 32)**

AEMO provided an update on the Staging environment, noting that reallocations will be available on 1 November.

A Participant questioned whether the 146.178.211.226 - (MSATS) 146.178.211.26) - (MMS) was correct. AEMO confirmed they would check this. The bracket was an error and the MMS FTP address is 146.178.211.26.

Stanwell questioned whether there was a template AEMO intended to use for feedback on the Staging environment. AEMO confirmed that there isn't a template for feedback on the Staging environment, however that they would take that feedback on board.

Stanwell also sought clarification as to what data will be available in the Staging environment. AEMO confirmed that the data will be published with each application but most of the data will be as at 1 October. MSATs will be published as at 31 October.

### **10. Readiness Working Group Update – G. Minney (34 - 36)**

AEMO provided an update on the Readiness Working Group.

A Participant questioned whether there was an update from the last Transition Focus Group. AEMO confirmed the key areas discussed were the acceptance of 5-minute data from B2B and Participants readiness to accept 5-minute data. AEMO confirmed it published an updated list of metering service providers that were involved in the first stage. AEMO is updating retailers as to how many Type 1, 2, 3, 4\*and 7 meters they have that will need to be delivering 5-minute data at 1/7/21.

### **11. Vendor Engagement Session – M. Morona**

AEMO provided an update on the Vendor Engagement session, noting that over 100 people participated which was a successful engagement session. AEMO noted that initial feedback was that vendors had found it very useful to get a high-level overview of the documentation provided and answer any questions on the technical documents.

## **Other Business**

### **12. Forward Meeting Plan – H. McNeish / M. Morona**

Next meeting Friday 22 November 2019.

AEMO noted that an SWG meeting would be held in January 2020.

### **13. General Questions – H. McNeish**

Meeting Closed

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Item	Topic	Action required	Responsible	Status
<b>SWG 15</b>				
15.5.1	MDM File Format and Load Process, MSATS 46.96 Technical Specification and Meter Data Validation Matrix.	Participants to provide feedback on the MDM File Format and Load Process , MSATS 46.96 Technical Specification and Meter Data Validation Matrix.	SWG Participants	November 2019
15.5.2	N Quality Flag	Participants to provide feedback on the MDM File Format and Load Process , MSATS 46.96 Technical Specification and Meter Data Validation Matrix.	AEMO	November 2019
15.5.3	N Quality Flag	Participants to provide any objections to removing the N Quality Flag in the MDPs to AEMO.	SWG Participants	November 2019
15.8.1	Bidding Web Interface	Participants to provide feedback on the bidding web interface.	SWG Participants	November 2019
<b>SWG 14</b>				
14.3.1	Meter Data Validation	Participants to provide feedback on the approach, including reasons for not providing support	SWG Participants	1 November 2019
14.5.1	Change Requests	Participants to provide feedback on the proposed CR19.	SWG Participants	1 November 2019
14.7.1	Settlements and Billing Technical Specifications	AEMO to request feedback on the Settlements and Billing Technical Specification to the SWG.	AEMO SWG Participants	1 November 2019
14.7.2	Settlements and Billing Technical Specifications	AEMO to confirm approach to including Interval Length field.	AEMO	25 October 2019
14.7.3	Industry Engagement Structure	Provide AEMO with any feedback on the engagement structure and potential improvements.	SWG Participants	23 October 2019



Item	Topic	Action required	Responsible	Status
<b>SWG 13</b>				
13.12.3	AEMO will confirm that the HLIA and Technical Specification are consistent in regard to the fixed load fields.	AEMO	Pending An update will be provided during the meeting	November 2019
12.12.1	Forward Agenda	AEMO to advise SWG of first Testing Focus Group when details available.	AEMO	Ongoing
<b>SWG 10</b>				
10.9.4	General Questions	AEMO will consider approach and advise Participants when error codes are proposed to be published.	Jim Agelopoulos	Pending AEMO is currently considering approach and will advise Participants when error codes are proposed to be published.
<b>SWG 9</b>				
9.7.6	Metering – Meter Data Delivery	AEMO to provide clarification for reporting in the cutover period, where the reports go across the 30min and 5min intervals, will reports display data for both 48 and 288 intervals.	Greg Minney	Pending Greg Minney will be leading the Readiness Workstream and working through strategy and approach documentation in regard to cutover. Dates will be publicised to the SWG when known.
<b>SWG 1</b>				
1.6	Participant bandwidth implications	AEMO to provide assessment on bandwidth / networking impacts.		Design completed and AEMO is currently assessing implications.