

## 5MS Readiness Working Group (RWG) Meeting Notes

MEETING: 1  
 DATE: Thursday 27 June 2019  
 TIME: 10:00 AM – 1:00 PM  
 LOCATION: AEMO Offices Melbourne, Sydney, Brisbane, Adelaide and by Webex

Attendee	Organisation	
Greg Minney	AEMO	Melbourne
Peter Carruthers	AEMO	Melbourne
Aakash Semby	Simply Energy	Melbourne
Armand Jose	Jemena	Melbourne
Con Michailides	AusNet Services	Melbourne
Jamie Lowe	Engie	Melbourne
Malcolm Hempel	Tango Energy	Melbourne
Martin Ralph	Hydro Tasmania	Melbourne
Paul Greenwood	Vectorams	Melbourne
Pieter Wijtzes	AGL	Melbourne
Suresh Maguluri	Hydro Tasmania	Melbourne
Tony Bergmeier	Snowy Hyrdo	Melbourne
Wayne Rau	Engie	Melbourne
Emily Brodie	AEMO	Sydney
Monica Morona	AEMO	Sydney
Austin Tan	AEMO	Sydney
Fergus Stuart	Origin Energy	Sydney
Samantha Markham	AER	Sydney
Blaine Miner	AEMO	Brisbane
Adam Branson	Stanwell Corporation	Brisbane
Adam Neilson	Stanwell Corporation	Brisbane
Elizabeth Byrne	Stanwell Corporation	Brisbane
Jonathon Briggs	Metering Dynamics	Brisbane
David Woods	SA Power Networks	WebEx / Dial In
Cameron Bath	Energy Australia	WebEx / Dial In
Alison Davis	Evo Energy	WebEx / Dial In
Adrian Honey	TasNetworks	WebEx / Dial In
Dino Ou	Endeavour Energy	WebEx / Dial In
Ingrid Farah	Ergon Energy	WebEx / Dial In
Jeff Roberts	Evo Energy	WebEx / Dial In
Nicole Bright	Energex	WebEx / Dial In
Prabpreet Calais	AEMC	WebEx / Dial In
Darren Pace	Alinta Energy	WebEx / Dial In
Warren Van Wyk	IntelliHUB	WebEx / Dial In
Deb Senior	United Energy	WebEx / Dial In
Snehal Jogiya	ERM Power	WebEx / Dial In
Sharleen Flanagan	ERM Power	WebEx / Dial In
Tim Lloyd	Essential Energy	WebEx / Dial In
Kevin Webster	Jemena	WebEx / Dial In
Gary Butcher	Geomatic	WebEx / Dial In
Nathan Reeve	Energy Australia	WebEx / Dial In
Andrew Jones	Aurora Energy	WebEx / Dial In
Jacob Lee	Energy Queensland	WebEx / Dial In
Dale O'Donnell	Tango Energy	WebEx / Dial In

## Preliminary Matters

### 1.0 Welcome and Introduction – G. Minney (Slides 3-4)

Attendees were welcomed to the first Readiness Working Group (RWG). Attendance was captured and it was noted to attendees that the meeting would be recorded for the purpose of preparing meeting notes.

**Action 1.1.1:** Participants to confirm to [5MS@aemo.com.au](mailto:5MS@aemo.com.au) if required to be added to the RWG distribution list.

AEMO presented 5MS & GS Readiness Team structure, highlighting that the Readiness Stream sits alongside the 5MS Program Delivery Stream and Stakeholder Engagement.

### 2.0 5MS & GS Recap – E. Brodie (Slides 5-7)

AEMO presented 5MS & GS program recap and implementation overview demonstrating the evolution of 5MS & GS reforms and outlining the role of the Readiness Working Group to coordinate readiness activities.

AEMO advised that the Procedures Work Stream is tracking to time with more than 80% of formal consultation completed which lays the ground work for the IT requirements of the Systems Working Group and for the Readiness Working Group to ensure is implemented.

## Readiness Framework

### 3.0 5MS/GS Readiness Workstream Objectives and Scope – G. Minney (Slides 8-14)

Objective of Readiness Workstream is to:

- Facilitate uninterrupted market operations for AEMO and NEM participants across the “go-live” dates for 5MS and GS.
- AEMO and all participants are responsible for their own organisation’s readiness, through constructing and executing work programs to meet their objectives and obligations.
- Consider implications on market operations e.g. the ability to bid, dispatch and settle the market.

AGL raised a potential risk regarding the AEMC/AER not being aware of the need for leniency with retailers where there are potential customer impacts resulting from market events that are out of retailer’s control. AEMO advised that it is up to individual participant to manage their obligations and that this particular risk falls outside of scope of RWG, suggesting that concerns about managing customers or not meeting related obligations should be addressed with the AER.

AEMO stated the RWG will not be a decision making body or responsible for resolving technical issues. The role of the RWG is to assess and provide recommendations to the appropriate body such as the PCF or Executive Forum. Simply Energy suggested the need to establish a pathway for escalation for technical issues from the RWG to the relevant working group.

Endeavour Energy queried whether AEMO would help to facilitate transition cutover when there needs to be large/bulk data update to MSATS. AEMO stated that this would be considered as part of transition and cutover planning.

The RWG has no ability to force participants to undertake market trials. RWG members questioned whether a risk or issue has been established if there is no way to compel participants to take part in readiness activities. AEMO has identified adequate participation in market trials as a risk to be assessed as part of a risk management process. Criteria will be set for participants to gauge development of system processes to allow them to effectively participate in the market trials.

Simply Energy suggested that industry testing/market trials requires more definition. AEMO advised this would be addressed when mapping out the introduction of staged transition and industry/Market testing.

#### **4.0 Readiness Working Group Purpose and Scope – E. Brodie (Slides 15-17)**

The RWG is the main group for industry input and expectation is for industry and AEMO to share expertise, talk, plan and execute readiness activities.

“Does AEMO have a preference for office attendance or WebEx attendance to the RWG.” – AEMO is leaving that decision up to the individual however part of value of the group is to engage with peers before and after the session and during breaks.

RWG is the source of readiness advice to other groups.

#### **5.0 Readiness Working Group Operations – E. Brodie (Slides 18-20)**

AEMO presented expectations of RWG members, in particular understanding how organisations are planning to implement reforms, expectation of representatives to take information back to their businesses, socialise and engage further internally, and then provide feedback back to AEMO.

AEMO clarified the role of Primary and Secondary RWG members. AEMO highlighted that the Primary member from each organisation was seen as the ‘active’ representative in the working group meetings and forums, to ensure consistent and well facilitated discussion. The RWG email distribution list is intended to ensure that relevant information is being circulated to the broader RWG group.

Actions coming out of the RWG are expected to be addressed by the following RWG meeting and any escalation of issues will be via AEMO’s program the PCF and Executive Forum.

#### **6.0 Readiness Working Group Engagement – B. Miner (Slides 21-24)**

Slide 22 provided an overall understanding of how RWG governance and inter-relationships work between participants, industry, forums and the AEMO program.

RWG will be providing advice and information to PCF specifically relating to the readiness workstream and will monitor and report on milestone progress. Any issues or recommendations identified will be escalated to the PCF for their consideration.

If issues identified are associated with a system technical solution or change in procedures, actions will be referred to the respective working groups for their consideration, analyse and recommendation to the RWG (or other appropriate forum).

The expectation is for RWG to receive content, analysis and recommendations associated with matters delegated to a particular focus group for consideration. The RWG will bring together focus groups specific to readiness activities, such as a testing working group and transition and cutover focus group. The expectation when forming a focus group is that a subset of the RWG will be represented.

AEMO will manage logs and documents to capture key risks, issues, actions and activities that need to be assigned appropriately in the program.

Stanwell queried whether AEMO would be open to publishing the complete log and highlighting what is new and what has changed. AEMO agreed with this approach and advised that readiness logs will be fully transparent to people associated with readiness i.e. logs expected to be published and updated on the Readiness web page. These logs would not seek to duplicate the industry risk register, risks captured will be relevant to readiness only.

Responding to a query from Tengo Energy, AEMO reconfirmed that there would be two risk registers, one at an Industry level (managed by the PCF) and one at the Readiness level (managed by the RWG). If a risk was identified by the RWG, which it believed was a potential industry risk, the expectation would be that the RWG would provide advice to the PCF for their consideration.

In establishing the RWG logs, AEMO will attempt to prepopulate known items prior to seeking confirmation/contributions from the RWG.

## **Matters for Discussion**

### **7.0 Applying the Framework – G. Minney (Slides 26-29)**

AEMO presented examples of what falls inside and outside of the readiness scope.

Engie queried whether there was any example to illustrate how items would be addressed that might have a potential market impact but may not be within the readiness scope. Tango Energy provided an example such as ensuring there is not enough bandwidth and filesize limitations to cope with the expected volume of transactions and metadata. AEMO remarked that in this case it would not be dealt with under readiness, but instead be deferred to SWG, however were happy to explore other scenarios.

Concerns were also raised about perceived challenges with timeline to make sure that participants have opportunity to test solutions when they are due to “go live”. As an example AEMO suggested industry testing/market trials are run for GS prior to 1 July 2021 as part of overall 5MS testing/trial or whether consideration of further testing support leading up to 6 February 2022 was required. AEMO reiterated that this is the sort of issue the readiness working group needs to further consider.

AEMO recognises the challenge of ensuring the transition strategy can support a pragmatic overall plan, that is configured in a practical way of meeting industry milestones for market participants, recognising this may be challenging some individual participant plans.

### **8.0 Market Readiness Strategy – E. Brodie (Slides 30-40)**

Market Readiness Strategy is a document that AEMO has started working on and will be sharing with RWG in July. This document sets out the overarching strategy for 5MS & GS

readiness to collaborate with the RWG and record the approach to managing the readiness workstream. It is intended to be a high level document supported by detailed plans.

Origin suggested definitions around ratings must be clear to ensure consistency across the industry. AEMO supported the suggestion and confirmed the importance of participants making it clear how they rate themselves.

AEMO reiterated its commitment to the RWG and industry in proposing an appropriate approach in managing 5MS/GS market readiness. Market readiness components will be built into appropriate strategies or plans and key documents were outlined in overview of readiness documents.

Stanwell sought to confirm that there will be 9 documents participants should expect to review and if the SWG would have a key input into market trial/industry test planning. These questions sought to highlight that certain members would need to invest a substantial amount of time to support the numerous 5MS working groups. AEMO recognised the potential commitments required and confirmed there would be at least 7 documents to be reviewed by the RWG and that it would seek to establish focus groups to elevate the commitments of the RWG.

AEMO stated that physical metering roll out would occur fall the transition plans as key participant activity to facilitate readiness of the required metering by market start with the progress of that activity tied into readiness reporting criteria.

AEMO presented the approach for consultation of readiness documents and indicative timelines.

**Action 1.8.1:** RWG to provide feedback to AEMO on indicative timelines presented.

## **9.0 Interim Readiness Reporting – G. Minney (Slides 41-44)**

The PCF requested that RWG consider and develop Interim Readiness Reporting. Interim readiness reporting is expected to run until full readiness reporting commences, February 2020. The context, objectives and proposed approach was outlined in the slides. Proposed interim reporting to occur on a bi-monthly basis (every 2 months).

Stanwell queried when bi-monthly reporting would commence. AEMO advised that the proposed interim reporting would be presented to the next PCF, subject to feedback from the RWG. Should the PCF approve the proposed approach, the first questionnaire would then be distributed within a couple of weeks with an expected two week response turn around. Feedback would then be presented to following PCF.

**Action 1.9.1:** AEMO to release proposed interim reporting commencement dates to RWG.

AEMO confirmed that it would consolidate and anonymise Interim Readiness responses, not report individual responses. Participants will be required to respond to each of the readiness criteria for each of the participant functions that represent in the NEM. AEMO will seek to structure the feedback cycles so that analysis is brought to RWG for review prior to presentation to the PCF.

In response to a participant's query regarding whether all data would be anonymised, AEMO advised that the intention of the analysis is to provide visibility into various categories of market participant readiness, not individual participant readiness.

**Action 1.9.2:** AEMO to provide the RWG with a draft interim readiness report structure for comment.

## **Other Business**

### **10.0 Forward Meeting Plan – G. Minney (Slides 45-47)**

Attendees were thanked for their attendance and advised of future RWG meetings for 2019:

- Friday 26 July 2019
- Tuesday 27 August 2019
- Tuesday 24 September 2019

**Action 1.10.1:** RWG members to provide proposed content/topic areas for upcoming RWG meetings.

Upcoming focus groups:

- Dispatch Focus Group – Tuesday 16 July 2019
- Metering Focus Group – Thursday 18 July 2019

Next Procedures Working group:

- Friday 12 July 2019

Next Systems Working group:

- Monday 15 July 2019

Next Program Consultative Forum

- Friday 4 July 2019

Next Executive Forum

- Thursday 15 August 2019

Further information on the 5MS program, and a calendar of all meeting and forum dates can be found via the following link: <http://aemo.com.au/Electricity/National-Electricity-Market-NEM/Five-Minute-Settlement>.

### **11.0 General Questions – G. Minney (Slide 48)**

Stanwell asked if slides provided to AEMO had been circulated to the RWG and provided approval to do so with the meeting notes

Endeavour remarked that the interim readiness reporting questions appear to be generic and queried how separate reporting for different participant types would provide valuable information. AEMO expecting defined response.

Item	Topic	Action required	Responsible	By
1.1.1	Welcome and Introduction	Participants to confirm to <a href="mailto:5MS@aemo.com.au">5MS@aemo.com.au</a> if required to be added to the RWG distribution list.	RWG	n/a
1.8.1	Market Readiness Strategy	RWG to provide feedback to AEMO on indicative timelines presented.	RWG	Friday 12 July
1.9.1	Interim Readiness Reporting	AEMO to release proposed interim reporting commencement dates to RWG.	AEMO	Friday 5 July
1.9.2	Interim Readiness Reporting	AEMO to provide the RWG with a draft interim readiness report structure for comment.	AEMO	Friday 26 July
1.10.1	Forward Meeting Plan	RWG members to provide proposed content/topic areas for upcoming RWG meetings.	RWG	Friday 12 July