

## 5MS and GS Readiness Working Group – Meeting Notes

MEETING: Readiness Working Group # 23  
 DATE: Tuesday, 4 May 2021  
 TIME: 10:00 AM – 13:00 PM  
 LOCATION: WebEx

### Attendees

Attendee	Organisation	Location
Greg Minney	AEMO (Chair)	Remote - WebEx
Lucas Senteleky	AEMO	Remote - WebEx
Monica Narayan	AEMO	Remote - WebEx
Peta Hatzikides	AEMO	Remote - WebEx
Peter Carruthers	AEMO	Remote - WebEx
Rowena Leung	AEMO	Remote - WebEx
Sarah Pearson	AEMO	Remote - WebEx
Tui Grant	AEMO	Remote - WebEx
Anne-Marie McCague	AEMO	Remote - WebEx
Graeme Windley	AEMO	Remote - WebEx
Ian Devaney	AEMO	Remote - WebEx
Jim Agelopoulos	AEMO	Remote - WebEx
Liz Bernhardt	AEMO	Remote - WebEx
Blaine Miner	AEMO	Remote - WebEx
Mark Hillaby	AEMO	Remote - WebEx
Paul Lyttle	AEMO	Remote - WebEx
Collette Reedy	Actew AGL	Remote - WebEx
Sam Martin	AEMC	Remote - WebEx
Prabpreet Calais	AEMC	Remote - WebEx
Sam Markham	AER	Remote - WebEx
Sue Richardson	Agility CIS	Remote - WebEx
Tristan Whitley	AgilityCIS	Remote - WebEx
Annett Reitman	AGL Energy	Remote - WebEx
Gail Mitchell	AGL Energy	Remote - WebEx
Subhra Sekhar Kar	AGL Energy	Remote - WebEx
Andrew Peart	AGL Energy	Remote - WebEx
Gail Mitchell	AGL Energy	Remote - WebEx
Debbie Campbell	Alinta Energy	Remote - WebEx
Theresa McGinley	Alinta Energy	Remote - WebEx
Naomi Donohue	APA Group	Remote - WebEx
Shane Murray	Arrow Energy	Remote - WebEx
Natasha Seelig	Aurora Energy	Remote - WebEx

Craig Eadie	Aurora Energy	Remote - WebEx
Kevin Boutchard	Aurora Energy	Remote - WebEx
Peter Gilligan	Ausgrid	Remote - WebEx
Wayne Turner	Ausgrid	Remote - WebEx
Mahdi Maleki	AusNet Services	Remote - WebEx
Con Michailides	AusNet Services	Remote - WebEx
Vicki Grant	Clean Co Queensland	Remote - WebEx
Damien Didier	CS Energy	Remote - WebEx
David Jenkins	CS Energy	Remote - WebEx
Janelle Durie	CS Energy	Remote - WebEx
Kristen Matthews	CS Energy	Remote - WebEx
Edmund Hon	Edify	Remote - WebEx
Khadka Ramesh	Electranet	Remote - WebEx
Dino Ou	Endeavour Energy	Remote - WebEx
Steve Smith	Energex	Remote - WebEx
Andrew Fooks	Energy Australia	Remote - WebEx
Cameron Bath	Energy Australia	Remote - WebEx
Jake Fenton	Energy Australia	Remote - WebEx
Karen Ng	Energy Australia	Remote - WebEx
Mai Huynh	Energy Australia	Remote - WebEx
Peter Borash	Energy Australia	Remote - WebEx
Roy Utomo	Energy Australia	Remote - WebEx
Sarah Helms	Energy Australia	Remote - WebEx
Tilin Yi	Energy Australia	Remote - WebEx
Joseph Giddings	Energy One	Remote - WebEx
Steve Blair	Energy Queensland	Remote - WebEx
Nicole Bright	Energy Queensland	Remote - WebEx
Andrew Lenga	Engie	Remote - WebEx
Greg Fawcett	Engie	Remote - WebEx
Ingrid Farah	Ergon Retail	Remote - WebEx
Ben Johnson	ERM Power	Remote - WebEx
Stewart Bryce	ERM Power	Remote - WebEx
John Weston	Essential Energy	Remote - WebEx
Greg Evans	Evergen	Remote - WebEx
Jeff Roberts	Evo Energy	Remote - WebEx
Luke Garrett	Evo Energy	Remote - WebEx
Andrew Jumeau	Evo Energy	Remote - WebEx
Ellie Leiper	Evo Energy	Remote - WebEx
Matthew Pillifeant	Evo Energy	Remote - WebEx
David McKenzie	Flow Power	Remote - WebEx
Kelsey Wagner	HARD Software	Remote - WebEx
Anthony Croce	Infigen	Remote - WebEx

Victor Sanchez	Infigen	Remote - WebEx
Suraj Vittala	Intellihub	Remote - WebEx
Warren Van Wyk	Intellihub	Remote - WebEx
Chai No	Intergen	Remote - WebEx
Joseph Lyttleton	Jemena	Remote - WebEx
Matthew Mullen	Jemena	Remote - WebEx
Alan Love	Meridian Energy	Remote - WebEx
Dan Hillier	Meridian Energy	Remote - WebEx
Cindy Matthews	Metering Dynamics	Remote - WebEx
Deena Sri	Mondo	Remote - WebEx
Dev Kanda	Mondo	Remote - WebEx
Neville Lewis	Mondo	Remote - WebEx
Greg McLeod	Origin Energy	Remote - WebEx
Sourav Basu	Origin Energy	Remote - WebEx
Yvonne Tuckett	Origin Energy	Remote - WebEx
Linda Brackenbury	PlusES	Remote - WebEx
Greg Szot	Powercor	Remote - WebEx
Karel Mallinson	Powerlink	Remote - WebEx
Mark Reid	Red / Lumo	Remote - WebEx
Nick Gustafsson	Red / Lumo	Remote - WebEx
Fazil Hassan	SA Water	Remote - WebEx
David Woods	SAPN	Remote - WebEx
Kambiz Vessali	Secure Meters	Remote - WebEx
Sandra Ho	Snowy Hydro	Remote - WebEx
Eileen Hayes	Snowy Hydro	Remote - WebEx
Chris Reilly	Stanwell	Remote - WebEx
Michael Flynn	Stanwell	Remote - WebEx
Sudeshna Nanda	Stanwell	Remote - WebEx
Elizabeth Byrne	Stanwell	Remote - WebEx
Bob Beusekom	Stanwell	Remote - WebEx
Owen Self	Stanwell	Remote - WebEx
Rossi Mangano	Stanwell	Remote - WebEx
Karly Train	Tally Group	Remote - WebEx
Tyrone Collins	Tango Energy	Remote - WebEx
Joanna Ford	TasNetworks	Remote - WebEx
Adrian Honey	TasNetworks	Remote - WebEx
Wilmund Foong	United Energy	Remote - WebEx
William Salis	Viotas	Remote - WebEx
Dannii Upham	Yurika	Remote - WebEx
Mark Leschke	Yurika	Remote - WebEx
Greg Minney	AEMO (Chair)	Remote - WebEx
Lucas Senteleky	AEMO	Remote - WebEx

Monica Narayan	AEMO	Remote - WebEx
Peta Hatzikides	AEMO	Remote - WebEx
Peter Carruthers	AEMO	Remote - WebEx

## 1. Welcome, Introduction, Attendance and Apologies – G. Minney (slide 1 - 4)

AEMO noted that the meeting was being recorded for the purposes of preparing meeting notes and requested for dial-in attendees to email [5ms@aemo.com.au](mailto:5ms@aemo.com.au) for inclusion on the attendees list.

## 2. Minutes and Actions from Previous Meeting – A. McCague (slide 5 - 6)

The actions from meeting RWG #22 have been reviewed and updated. Please refer to the meeting pack and list below for more details.

**Action 23.2.1:** AEMO to reword Risk R02 in advance of next risk review.

## 3. 5MS Program Update – G. Minney / G Windley (slide 9 - 12)

AEMO provided a status update on the 5MS Program timeline. Key points are noted on slide 10.

An update on the Retail Checkpoint Criteria was provided. It was noted that the Retail go-live of 31-May was at risk. It was confirmed that there were two industry-facing issues that were identified through Retail industry invitation testing that require remediation. UAT is nearing completion however there are a few Severity (Sev) 2 defects to be resolved. Additional work is needed to improve solution stability. AEMO also confirmed that the work program had been impacted by the escalating Covid situation in India.

It was confirmed that a further update would be provided to the PCF on 7-May.

## 4. Contingency Planning – G. Minney, AM. McCague (slide 13 – 26)

AEMO provided an overview of the approach to the Industry Contingency Plan that was developed in consultation with RWG.

AEMO discussed the risk of the 5-minute aspects of the MDM solution experiencing further delays which potentially would impact the 5MS rule commencement on 1 October 2021. AEMO confirmed that other risks exist, and should these risks materialise it is considered that the discussions and lessons learnt from developing the contingency approach for this risk may be applied.

AEMO confirmed that its first approach, should this risk arise, is to take actions that would prevent moving the rule commencement date from 1 October 2021. These actions may include compressing the Market Trial period or transitional activities period.

AEMO presented the three contingency options for discussion with the RWG. As set out in slides 18 and 19.

**Action 23.4.1:** AEMO to provide further clarity on the functionality that will be available under each contingency option.

**Action 23.4.2:** AEMO to provide two timeline scenarios to aid RWG in their review of the impacts of each contingency option.

**Action 23.4.3:** AEMO to provide a summary of the impacts of the contingency options on other regulatory implementation programs.

## 5. Industry Readiness Report – B. Miner (slide 23 - 30)

Due to time constraints this topic was not presented. Any questions regarding the content may be sent to [5MS@aemo.com.au](mailto:5MS@aemo.com.au).

## 6. Industry Testing Update – T. Grant (slide 31 - 37)

AEMO provided an overview of the ITWG meeting held on 27 April as set out on slide 32.

AEMO provided a summary of the discussions that took place through the Market Trial Focus Group and the ITWG regarding the preparation for Market Trial, as set out on slides 33 and 34.

The defects in the 5MS Staging Environment (slide 35) and pre-production environment (slide 36 and 37) were presented.

**7. TFG / MTP Update – B. Miner** (slide 38 – 46)

Due to time constraints this topic was not discussed. Any questions may be sent to 5MS@aemo.com.au.

**8. Procedure Update – S. Tu** (slide 47 – 50)

Due to time constraints this topic was not discussed. Any questions may be sent to 5MS@aemo.com.au.

**9. Staging Environment – G. Minney** (slide 51 - 52)

AEMO is proposing that the 5MS Staging Environment be withdrawn once the Retail Platform was deployed. The rationale is set out on slide 52.

**Action 23.9.1:** RWG to provide feedback on the impact of withdrawing the 5MS Staging Environment on their programs from 31 May 2021.

**10. Settlements Update - M. Hillaby** (slide 53 – 59)

AEMO provided an update on the Settlements workstream.

AEMO provided an overview of the settlements cutover weekend timings as set out on slide 56.

AEMO noted that if participants do not choose to move to the Data Model V5.0 it will be necessary to run a patch to ensure access to the required reports. Detail is set out on slide 57 and 58.

**11. Retail / Metering Update – J. Agelopoulos, G. Minney** (slide 60 – 66)

AEMO provided an update on the Retail workstream milestones as set out on slide 61. Data production activities have commenced a head of the cutover scheduled for the weekend before 31 May 2021.

It was noted that dates for the Global Settlements deployment into Staging Environment is to be determined.

AEMO presented the cutover timeline for the Retail go-live as set out on slide 63. Further detail on the cutover timings will be provided in an updated version of the Retail Industry Go-Live Plan. AEMO requested feedback from the RWG on the timings

It was confirmed that participants would be locked out of the File Shares which will prevent Stop Files being generated.

**Action 23.11.1:** RWG to provide feedback on the following points on slide 64:

- Participants to advise length of extension to B2B outage post 8:00am Monday morning that could be managed to extend the cutover window to allow resolution of AEMO cutover issues.
- Participants to advise compliance or operational impacts (B2B and B2M) once the cutover window is exceeded
- Participants to advise capability for restarting the delivery of B2M metering data delivery in a staggered manner versus or releasing all backlog at once

AEMO provided an overview on the issue that has been raised with regards to the RM Report Response Schema on slide 65. AEMO requested feedback on the impacts (if any) of the non-population of optional fields in the report response parameters for automatically generated reports RM16, RM27, RM20.

**Action 23.11.2:** RWG to provide feedback on the impacts (if any) of the non-population of optional fields in the report response parameters for automatically generated reports RM16, RM27, RM20.

AEMO noted that the functionality for NCONUML NMI creation was experiencing delays in testing. AEMO noted that if this delay continued and began to impact the Retail go-live on 31-May, the preference would be to proceed with the Go-Live and deploy the NCONUML functionality within 2 weeks of go-live. AEMO requested feedback on this approach, as set out on slide 66. AEMO noted that rollout plans provided by participants indicated the greater proportion of NCONUML NMIs were being populated in July and August.

**Action 23.11.3:** RWG to provide feedback on the proposal that NCONUML NMI creation would be delayed until mid-June if it were to impact Retail go-live on 31 May 2021.

**12. Dispatch / Bidding Update – I. Devaney** (slide 67 - 69)

Due to time constraints this topic was not discussed. Any questions may be sent to 5MS@aemo.com.au.

**13. Feedback on Origin's proposed change to GS Market Trial – G. Minney** (slide 70 – 73)

Due to time constraints this topic was not discussed. Any questions may be sent to 5MS@aemo.com.au.

**14. Forward Plan and Other Business – G. Minney** (slide 74 – 77)

AEMO presented the proposed topics for the upcoming RWGs and ITWGs in 2021.

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>.

**15. Meeting Close G. Minney**

Item	Status	Topic	Action required	Responsible	By
23.2.1	Open	Minutes and Actions from Previous Meeting	AEMO to reword Risk R02 in advance of next risk review.	AEMO	28-May-21
23.4.1	Closed	Contingency Planning	AEMO to provide further clarity on the functionality that will be available under each contingency option.	AEMO	
23.4.2	Closed	Contingency Planning	AEMO to provide two timeline scenarios to aid RWG in their review of the impacts of each contingency option.	AEMO	
23.4.3	Closed	Contingency Planning	AEMO to provide a summary of the impacts of the contingency options on other regulatory implementation programs.	AEMO	
23.9.1	Closed	Staging Environment	RWG to provide feedback on the impact of withdrawing the 5MS Staging Environment on their programs from 31 May 2021.	RWG	
23.11.1	Closed	Retail / Metering Update	<p>RWG to provide feedback on the following points on slide 64:</p> <ul style="list-style-type: none"> <li>Participants to advise length of extension to B2B outage post 8:00am Monday morning that could be managed to extend the cutover window to allow resolution of AEMO cutover issues.</li> <li>Participants to advise compliance or operational impacts (B2B and B2M) once the cutover window is exceeded</li> <li>Participants to advise capability for restarting the delivery of B2M metering data delivery in a staggered manner versus or releasing all backlog at once</li> </ul>	RWG	
23.11.2	Closed	Retail / Metering Update	RWG to provide feedback on the impacts (if any) of the non-population of optional fields in the report response parameters for automatically generated reports RM16, RM27, RM20	RWG	
23.11.3	Closed	Retail / Metering Update	RWG to provide feedback on the proposal that NCONUML NMI creation would be delayed until mid-June if it were to impact Retail go-live on 31 May 2021.	RWG	



