

5MS Procedures Working Group #10

Tuesday, 14 May 2019

AEMO Offices:

Level 9, 99 Gawler Place, Adelaide

Level 10, 10 Eagle Street, Brisbane

Level 22, 530 Collins Street, Melbourne

Level 2, 20 Bond Street, Sydney

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

Agenda

NO	TIME	AGENDA ITEM	RESPONSIBLE
Preliminary matters			
1	10:00am – 10:10am	Welcome, introduction and apologies	Emily Brodie (AEMO)
2	10:10am – 10:15am	Minutes and actions from previous meeting	Emily Brodie (AEMO)
Matters for noting			
3	10:15am – 10:30am	Procedures workstream update	Emily Brodie, Blaine Miner, Austin Tan (AEMO)
Matters for discussion			
4	10:30am – 10:45am	Update: Metering procedures	Blaine Miner (AEMO)
5	10:45am – 11:00am	Update: additions to the 5MS/GS implementation rule change request	Emily Brodie (AEMO)
Other business			
6	11:00am – 11:10am	Forward meeting plan and general questions	Emily Brodie (AEMO)

Minutes and actions from previous meeting

Emily Brodie

Responses to PWG actions

	Topic	Action	Response
9.3.1	5MS Readiness	AEMO invites feedback from the PWG on the approach to transition the 5MS procedures workstream to BAU.	No responses received
9.4.1	UFE Trends Reporting	AEMO invites the PWG to provide feedback what content would be most useful to participants in the UFE Trends Report.	No responses received
9.5.1	Rule changes	AEMO to inform the PWG when the Customer Switching rule change request has been submitted to the AEMC.	Ongoing

Procedures workstream update

Emily Brodie

Procedures workstream status

5 MINUTE SETTLEMENT PROCEDURES TRACKING	Pre-consultation		Consultation			CONTENT Package content
	HLIA	PWG Engagement	TIMING			
			Consultation paper	Draft documents	Final documents	
METERING						
1. Metering - Metering Data & Metrology	Jul-18	Jul-18	Sep-18	Jan-19	Mar-19	
2. Metering - MSATS and SLPs	Jul-18	Dec-18 & Mar-19	Apr-19	Jun-19	Aug-19	
3. Metering - Miscellaneous*	Jul-18	Feb-19	n/a	Jun-19	Jul-19	
B2B Procedures - B2B file size	n/a	Feb-19	n/a	n/a	n/a	
SETTLEMENTS						
SRA	Jun-18	Jul-18	n/a	Jul-18	Aug-18	
SRA round #2	Jun-18	Feb-19	Mar-19	Jun-19	Aug-19	
TNSP	Feb-19	Feb-19	n/a	Apr-19	Jun-19	
Estimation	Aug-18	Aug-18	Nov-18	Feb-19	Apr-19	
Reallocations	Dec-18	Dec-18	n/a	Dec-18	Feb-19	
Miscellaneous	Oct-18	Oct-18	Dec-18	Mar-19	May-19	
Prudentials	Aug-18	Sep-18	Apr-19	Jun-19	Aug-19	
DISPATCH						
2. Dispatch - Spot market - Rules consultation	Sep-18	Oct 18 ongoing	Jan-19	Jun-19	Aug-19	
2. Dispatch - Spot market - For comment*	Sep-18	Oct 18 ongoing	n/a	Jul-19	Aug-19	
3. Dispatch - Pricing - Rules consultation	Aug-18	Aug 18 ongoing	Aug-18	Sep-18	Nov-18	
3. Dispatch - Pricing - For comment*	Aug-18	Aug 18 ongoing	n/a	May-19	Jun-19	
4. Dispatch - Miscellaneous*	Jan-19	Feb-19	n/a	May-19	Jun-19	
POWER SYSTEM OPS						
1. Operations - Miscellaneous*	TBA	Apr 19 ongoing	n/a	n/a	Jul-19	

TIMING
Started and on track
Started late
Overdue

CONTENT
No issues
Issues
Severe issues

Procedures workstream meetings

- Next PWG scheduled for Tuesday 11th June:
 - Metering package #2 – discussion of material issues
 - Update on power system operations 5MS procedure updates
- Focus groups
 - Reconciliation support workshop – Wednesday, 22 May 2019, Melbourne
 - Metering focus group – Friday, 14 June 2019, Melbourne

Consultations - metering

5MS Metering package 1 (Completed)

- Final report published 22 March 2019
- <http://aemo.com.au/Stakeholder-Consultation/Consultations/Five-Minute-Settlement---Metering-Procedure-Changes-Package-1>

5MS Metering package 2

- First stage consultation will be published 20 May 2019
- First stage submissions due on 24 June 2019
- This consultation will be a co-consultation taking into consideration 5MS and Global Settlement items as well as a number of Issues and Change Forms (ICFs)
- This package includes more procedures than package 1 and will be materially more complex

Consultations - settlements

5MS Settlements package – Reallocations (Completed)

- Final notice and procedures published 28 February 2019
- <https://www.aemo.com.au/Stakeholder-Consultation/Consultations/Five-Minute-Settlement---Reallocation-procedures>

5MS Settlements package – Estimates (Completed)

- Final report and procedures published on 4 April 2019
- <http://aemo.com.au/Stakeholder-Consultation/Consultations/Five-Minute-Settlement---NEM-Settlement-Estimates-Policy>

5MS Settlements package – Revisions (Completed)

- Final report and procedures published on 13 May 2019
- <http://aemo.com.au/Stakeholder-Consultation/Consultations/Five-Minute-Settlement---NEM-Settlement-Revisions-Policy>

5MS Settlements package – Auction Participation Agreement

- Consultation commenced on 22 March 2019, first **stage submissions due 27 May** 2019
- Final report and procedures scheduled for publication on 5 August 2019
- <http://aemo.com.au/Stakeholder-Consultation/Consultations/Five-Minute-Settlement---Auction-Participation-Agreement>

Consultations - settlements

5MS Settlements package – TNSP Negative Settlements Residue Procedure

- Consultation commenced on 1 April 2019, submissions due 3 June 2019 and final procedures will be published 14 June 2019
- Not a Rules consultation document
- Proposed changes are administrative. Consultation will be single round and targeted at TNSPs
- <http://aemo.com.au/Stakeholder-Consultation/Consultations/Five-Minute-Settlement---NEM-TNSP-Negative-Settlements-Residue-Procedure>

5MS Settlements package – Prudentials - Credit Limit Procedures

- Consultation commenced on 12 April 2019, first stage submissions due 23 May 2019
- Proposed changes include 5MS amendments that are administrative in nature, and amendments to season definitions moving the month of April under the winter season (effectively removing the shoulder 1 Maximum Credit Limit (MCL) review)
- <https://www.aemo.com.au/Stakeholder-Consultation/Consultations/Five-Minute-Settlement---Credit-Limit-Procedures>

Update: Metering procedures

Blaine Miner

Metering Procedures Update

- Metering Package 2 consultation has been delayed
 - First stage consultation to commence Monday 20 May 2019
 - Delay caused by the number of complex interdependencies associated to the 5MS and GS Rules, representing a significant change across various Metering procedures.
- This consultation will be a co-consultation
 - Including procedural changes associated to:
 - The Five-Minute Settlement (5MS) Rule
 - The Global Settlement (GS) Rule
 - Changes to the delivery, format and content contained in the meter data files sent to AEMO
 - The consideration of various ICFs
- Metering Focus Group (MFG) workshop – Friday, 14 June 2019, Melbourne
 - Details and invitations to be circulated shortly

Metering Package 2 Consultation

Deliverable	Indicative date
Issues Paper published	20 May 2019
Submissions due on Issues Paper	24 June 2019
Draft Report published	5 August 2019
Submissions due on Draft Report	19 August 2019
Final Report published	30 September 2019

Update: Additions to the 5MS/GS implementation rule change request

Emily Brodie

Update: 5MS/GS implementation rule change request (1)

- Expedited rule change request was submitted to the AEMC on 15 March 2019 and is now available at:
<https://www.aemc.gov.au/rule-changes/5-minute-settlement-and-global-settlement-implementation>
- Six areas of change:
 1. Determining marginal loss factors (MLFs) at 30-minute or shorter intervals
 2. Accommodating fast-start plant in pre-dispatch
 3. Process for amending the spot market operations timetable
 4. Correction to list of AEMO procedures for 5MS
 5. Timing for AEMO to publish unaccounted for energy (UFE) data
 6. Clarification around assigning non-market unmetered loads to a transmission node identifier TNI or VTN.

Update: 5MS/GS implementation rule change request (2)

- AEMO has identified further aspects of the GS Rule that need amending to facilitate implementation:
 1. Removing financial responsibility at transmission connection points
 2. Settlement of non-market unmetered loads
 3. Treatment of embedded generators under GS
- AEMO will submit an addendum to the original rule change request in mid-late May to address these items.
- AEMO expects the addendum to be processed as part of the original rule change request.

Update: 5MS/GS implementation rule change request (3)

Issue	NER	Change being sought	Reason
<p>1. Local retailer financial responsibility at transmission/distribution boundary points.</p>	<p>NER: 2.3.4(h) 3.15.3</p> <p>GS amending rule 3.15.4(a)</p>	<p>Remove the requirement for there to be local retailer financial responsibility at the transmission/distribution boundary points.</p>	<p>Without this change, under GS the local retailer (LR) will be financially responsible for the metered energy for all transmission connection points feeding their local area as well as for their customers' distribution connection points in the local area.</p> <p>This results in a double-counting of the associated energy, which leads to incorrect settlement outcomes for the local retailer and the intra-regional settlement residue.</p>

Update: 5MS/GS implementation rule change request (4)

Issue	NER	Change being sought	Reason
2. Classification of non-market unmetered loads (NMUL)	No provision	<p>Classify NMUL as market loads.</p> <p>Rename NMUL as “non-contestable market loads” to remove contradictory definition.</p>	<p>Clarifying the classification of NMUL in line with the policy intent.</p> <p>Without this change, these loads would not be able to be settled through the NEM and result in the energy being incorrectly distributed to other retailers as part of the UFE calculation.</p>
3. Allocation of UFE	GS amending rule 3.15.5(c)	Clarify that UFE is allocated to customer load only, rather than also to distribution connected generators.	<p>Clarifying the treatment of distribution-connected generators under GS in line with the policy intent.</p> <p>Without this change, distribution-connected generators will be responsible for UFE charges along with retailers, which does not appear to be consistent with the original intention of the GS rule.</p>

General questions

Emily Brodie

Forward meeting plan

Emily Brodie

Upcoming meetings

- Procedures Working Group meetings:
 - Tuesday 11 June 2019
- Procedures Focus Groups:
 - Metering Focus Group – Friday 14 June 2019
- Next Systems Working Group
 - Monday 20 May 2019
- Next Executive Forum
 - Friday 24 May 2019
- Next Program Consultative Forum
 - Friday 7 June 2019
- 5MS Meetings and Forum Dates:
<http://aemo.com.au/Electricity/National-Electricity-Market-NEM/Five-Minute-Settlement>