

Metering Installation Exemption Automation Consultation Workshop

18 August 2023

This meeting is being recorded for
the purpose of minute taking.



Online forum housekeeping

1. Please mute your microphone, this helps with audio quality as background noises distract from the information being shared.
2. Video is optional, but having it turned off helps with performance and minimises distractions.
3. We ask that you utilise the Chat function for any questions or comments you may have. This aids note keeping and keeps discussions flowing smoothly.
4. Raise your hand if you wish to speak to an item. This keeps conversations orderly.
5. **In attending this meeting, you are expected to:**
 - Not only represent your organisation's interests but also the interests of Industry and its customers
 - Have an open mindset
 - Contribute constructively
 - Be respectful, both on the call and in the chat

AEMO Competition Law Meeting Protocol

- AEMO is committed to complying with all applicable laws, including the Competition and Consumer Act 2010 (CCA). In any dealings with AEMO, all participants agree to adhere to the CCA at all times and to comply with appropriate protocols where required to do so.
- AEMO has developed meeting protocols to support compliance with the CCA in working groups and other forums with energy stakeholders
- The AEMO Competition Law Meeting Protocol can be viewed and downloaded from AEMO's website
 - https://aemo.com.au/-/media/files/stakeholder_consultation/working_groups/aemo-competition-law-meeting-protocol/aemo-competition-law-meeting-protocol---october-2022.pdf?la=en

Agenda

1. Metering Installation Exemption Automation Consultation Overview
2. Stakeholder Responses Regarding the Proposed Effective Date
3. Schema Observations Identified During Development and Testing
4. Options Analysis
5. Next Steps

1. Metering Installation Exemption Automation Consultation Overview

- The following REQUIRED fields were added as a result of the 2020 MSATS Standing Data Review consultation:
 - Meter Malfunction Exemption Number: The exemption number granted by AEMO when a meter malfunction exemption is granted.
 - Meter Malfunction Exemption Expiry Date: The end date of the malfunction exemption.
- AEMO determined these fields would only be populated and updated once the exemption process had been automated, as it is not practical nor efficient for participants or AEMO to enter this information manually.
- AEMO is currently running a consultation on the Metering Installation Exemption Automation Process with a proposed effective date of 1 November 2023.
- AEMO received 5 submissions on the draft determination
- The expected timeline for publishing the Final Determination was 21 August 2023.

2. Stakeholder Responses Regarding the Proposed Effective Date

The following participants raised concerns regarding the effective date of 1st November 2023 for the metering installation exemption automation during the draft determination stage.

Participant	Concerns raised
PLUS ES	<ul style="list-style-type: none"> • The Metering Exemption Automated Solution AEMO is implementing is a new tool. The Participants are not familiar with the design and workings of this tool without having access to finalised documentations, the opportunity to user test it, and validate their assumptions etc. • PLUS ES does not support 1 Nov 23 effective date, due to <ul style="list-style-type: none"> ○ The technical design/specs including APIs etc is not available to the MC prior to the 1 Aug 23. ○ Sandpit and/or Pre-Prod is not available 8 weeks prior to the 1 Nov 23. ○ The Procedure and Guidelines not been finalised a minimum of 4 months prior to 1 Nov 23, to allow MC to re-engineer and deliver their E2E system/business processes. • PLUS ES supports that the effective date should be late Feb/early Mar 2024.

2. Stakeholder Responses Regarding the Proposed Effective Date (Cont.)

Participant	Concerns raised
Vector Metering	<ul style="list-style-type: none"> • Vector Metering would require most of the metering installation exemption automation infrastructure to be in place at least 3-4 months before go-live in order to build an application that utilises the AEMO API's for exemption management. • Vector Metering proposes the release to be re-scheduled from the 1 November 2023 to May 2024.
Intellihub	<ul style="list-style-type: none"> • Intellihub agrees with the concerns raised by other MCs in that the 1 November 2023 start date and the short window for testing (currently proposed to start 2 October 2023) is challenging because of the need to design for a new solution (that is, it is not an incremental update to an existing solution) and this means there is additional requirements and effort. • Given the exemption automation is not driven by a hard date defined by the rules, Intellihub wanted to explore the option of delaying the effective date to 2024 or any other option to help eliminate or minimise the risks.

3. Observations Identified During AEMO Development and Testing

Observations:

- The MeterMalfunctionExemptionExpiryDate element does not allow for the field to be nullable
- The Procedures only allow for the MeterMalfunctionExemptionNumber element to be up to 8 characters

To address these items, changes to the XML schema would be required.

Item	Change Description	Change Type
1.	Update the MeterMalfunctionExemptionExpiryDate element to enable the field to be nullable within the ElectricityNMIMasterGroup	Bug Fix
2.	Update the MeterMalfunctionExemptionNumber element size from 8 to 15 within the MeterMalfunctionExemptionNumber simpleType, as current exemption numbers go beyond 8 characters, and the system was built to allow for 15 characters.	Bug Fix

4. Options Analysis

- AEMO has explored different options to deliver the field fixes and address feedback from industry participants.
- The following options were explored but dismissed for the following reasons:

Options	Impact	Reason for dismissal
No change to Schema	<ul style="list-style-type: none"> • Inserting a default date (e.g. 31/12/9999) in the exemption expiry date field when an exemption is resolved or closed. • Truncating the exemption number field (into the schema) to 8 digits. 	<ul style="list-style-type: none"> • Default of an end date will not be compatible to the procedures. • Future clean up would be required with impacts to participants. • Misalignment from what is reported to what is stored in MSATS.
Release exemption functionality without updating NMI Standing data	<ul style="list-style-type: none"> • Exemptions can be registered and processed by Participants and AEMO. • No updates to NMI standing data would occur until a later schema change. • Bulk notifications once schema change is released to notify of all existing exemptions. 	<ul style="list-style-type: none"> • The main reasons for the automation is to update the NMI standing data exemption fields, and to notify participants of exempt NMIs in a timely manner. • MCs would need to notify impacted participants through another medium (same as today).

4. Options Analysis (Cont.)

- AEMO has identified the following more viable options

Options	Pros	Cons	Release Date
<p>Option 1: Update the schema without doing a new schema version release</p>	<ul style="list-style-type: none"> Supports a 1 Nov 2023 release, which may limit Industry resource investment and potential flow on impacts to upcoming initiatives Updating schema files can be done anytime once the files have been approved by the ASWG No changes to superseded schema versions No system update or new schema version required 	<ul style="list-style-type: none"> Does not address MC Readiness issues where a 1 Nov 2023 release date is maintained Participants must update/replace their schema files. <ul style="list-style-type: none"> Participants may get errors if they don't update their schema files 	<ul style="list-style-type: none"> Can support either a 1 Nov 2023 or early March 2024 go-live option
<p>Option 2: A full schema update to new version r44</p>	<ul style="list-style-type: none"> Standard schema change process. 	<ul style="list-style-type: none"> Will result in a delayed go-live which may/will result in additional resource costs to Participants and AEMO Superseded schema versions will be impacted 	<ul style="list-style-type: none"> Release date would need to be delayed to early March 2024.

5. Next Steps

- AEMO requests feedback from participants on the options presented by COB Friday 25 August 2023
 - AEMO will send a feedback form to participants via email after this workshop
- AEMO will share a summary of the participants feedback and an indication of AEMO's determination by 1 September 2023
- To allow for this additional round of engagement, the Final Determination will be delayed
 - The new proposed Final Determination date is 27 September 2023, which is compliant with the NER

Questions ?