

# ERCF Monthly Meeting

## - Notes

24 April 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. If you have dialled in via phone, please email [ERCF@aemo.com.au](mailto:ERCF@aemo.com.au) your name and organisation for our records.
6. If your name appears abbreviated on Teams, please add your name and organisation to the chat for our records.
7. Be respectful of all participants and the process.
  - This includes 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](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. Welcome
2. NEM Reform Implementation Roadmap Update
3. Information Data Exchange (IDX), Identity and Access Mgt (IDAM), Portal Consolidation (PC) Update
4. Net System Load Profile Longer-term Methodology (ICF\_072)
5. ICF Register
6. Items of Interest
7. General Business and Next Steps
  - Connection Configuration values (PlusES)
8. Appendix
  - Completed Consultations
  - ERCF ICF Release Summary

# NEM Reform Implementation Roadmap Update

Blaine Miner (AEMO)

# **Recap:** The following changes have been identified as of February 2023

## INCREMENTAL CHANGES

(and action proposed)

- **Fast Frequency Response** (remove 'Frequency Control' from name)
- **Frequency Performance Payments** (committed go-live)
- **Integrating Energy Storage Systems** (rule change requests submitted clarifying implementation requirements – no action at this time)
- **Dispatch / Bids & Offers / Constraints Target State** (include key development checkpoints)
- **FRC Target State** (reflect internal AEMO scoping processes and subsequent initiation)
- **ST PASA Replacement** (committed go-live, include additional procedure/guideline consultation)
- **IDAM / IDX / PC** (update to reflect AEMO workplan including provision for planning activities, process and use case development, gap analysis, ongoing industry consultations, target state development)

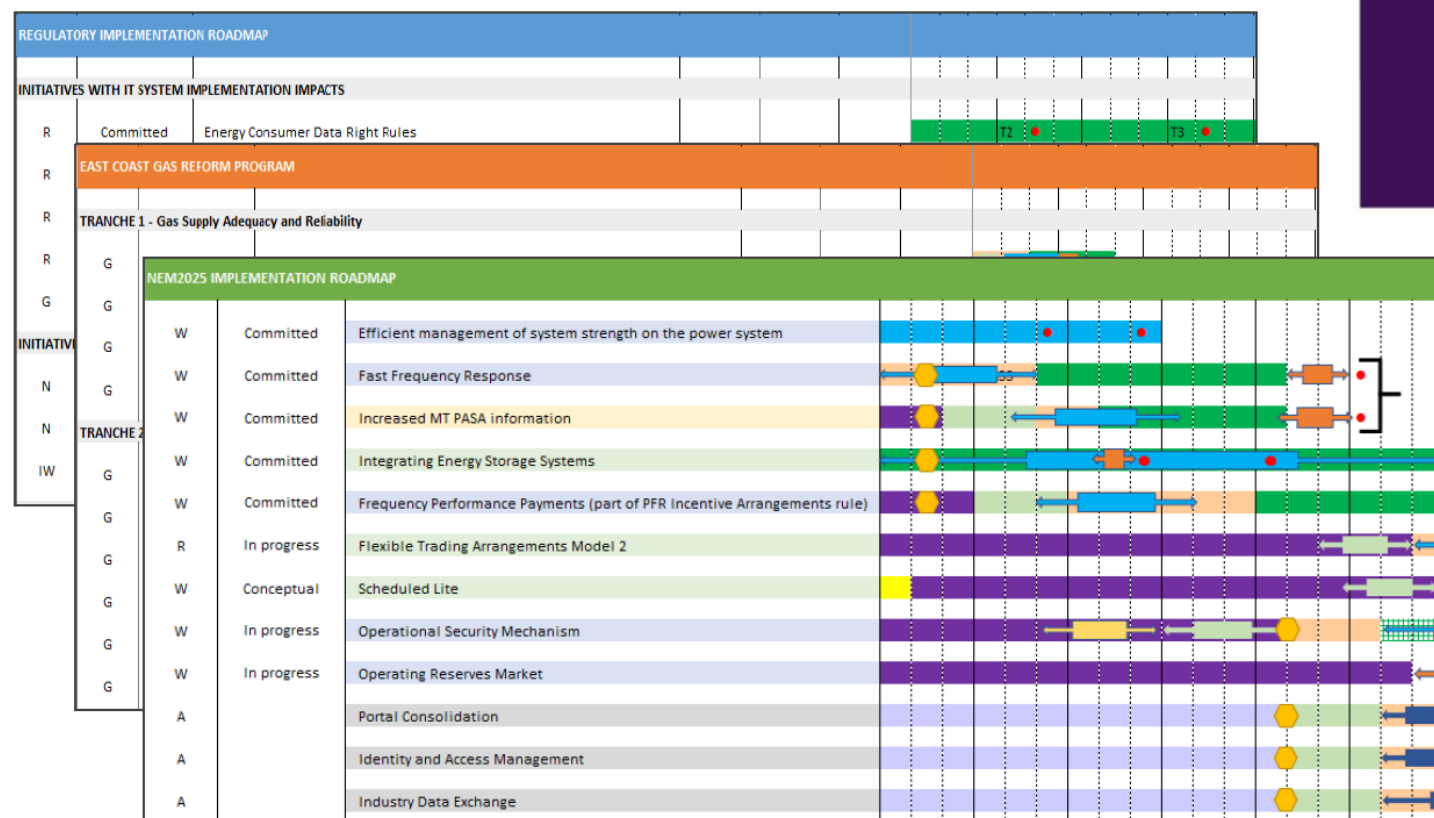
## MATERIAL CHANGES

(change in timeline or scope)

- **Operational Security Mechanism** (timeline)
- **Congestion Management Mechanism** (timeline / scope)
- **Flexible Trading Arrangements (Model 2)** (timeline)
- **DER Initiatives** (timeline / scope)
- **Scheduled Lite** (timeline)
- **Data Strategy Initiatives** (timeline)
- **Capacity Mechanism** (timeline / scope)

# NEM Reform Implementation Roadmap (v2) developed

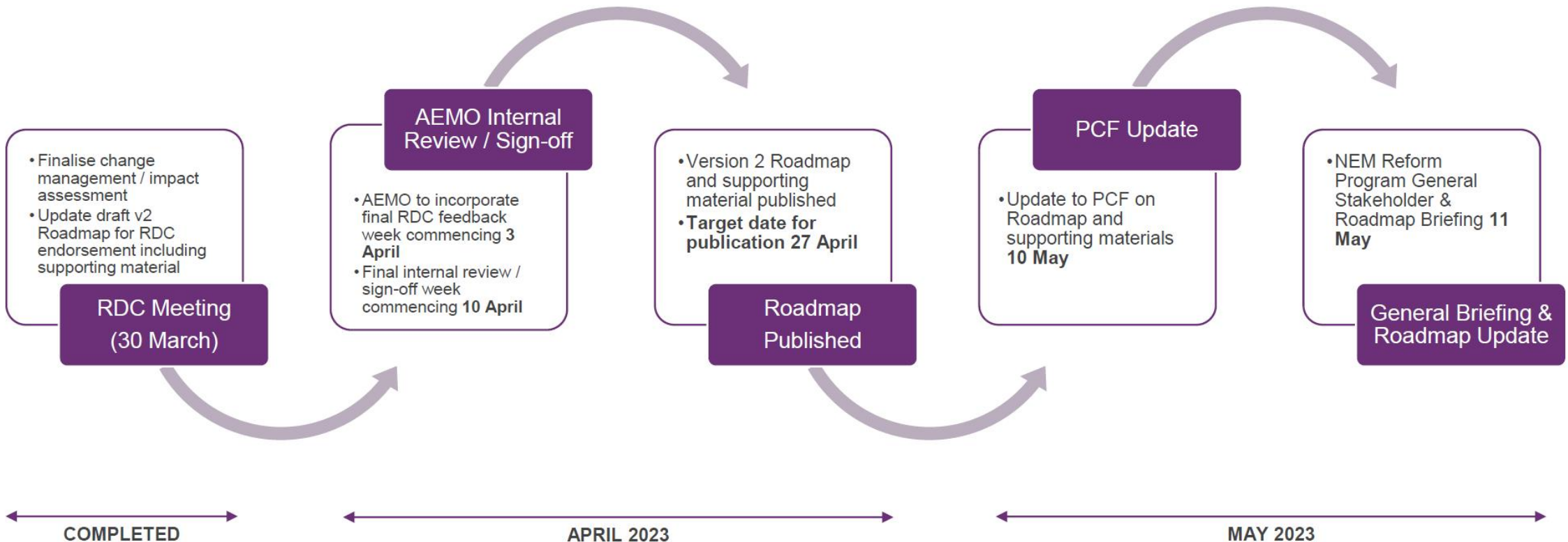
- Various incremental / material changes made to initiatives as per the RDC collaborative workshop
  - Removal of Turn-up Services
- TA initiatives split in two to reflect likely implementation requirements
  - 1) Enhanced information; and 2) Congestion Relief Market & Priority Access Model
- General restructure of initiatives within the Roadmap consistent with committed or estimated go-live dates
- Stage gates updated
- Removal of non NEM Reform Program initiatives implemented in 2022
- New East Coast Gas Reform Roadmap





# Next Steps

- AEMO and the RDC will continue to review for efficiency opportunities including bundling, sequencing and prioritisation of initiatives, and opportunities to take cost out of industry





# Notes

- Blaine spoke to, and provided additional context to, the NEM Reform Implementation Roadmap Update slides
- **Action:**
  - AEMO to include an agenda item in the next ERCF meeting in relation to changes to the NEM Reform Implementation Roadmap



# Information Data Exchange (IDX), Identity and Access Mgt (IDAM), Portal Consolidation (PC) Update

Blaine Miner (AEMO)

# Industry Consultation



Session	Introduction – IDX, IDAM & PC	Discovery Workshops – IDAM and PC	Target State Discussion	Transition Strategy	Conclusions and Business Case
Agenda*	<ul style="list-style-type: none"> <li>Introduce initiatives</li> <li>Outline workshop plan</li> </ul>	<ul style="list-style-type: none"> <li>Pain points and benefits</li> <li>Survey</li> </ul>	<ul style="list-style-type: none"> <li>Concept walkthrough</li> </ul>	<ul style="list-style-type: none"> <li>Transition Strategy</li> <li>Impacts &amp; Benefits</li> </ul>	<ul style="list-style-type: none"> <li>Summary</li> <li>Options</li> </ul>
Audience		 	 	 	

# Recap of discussion at Introduction session

Type	Feedback	AEMO's initial response
Subject matter	The need to facilitate formal data sharing for minor jobs or minor programs, instead of sharing information via email	We will look at an optimal secure capability for the communication of data between participants that allows you to leverage authentication to know that you're talking to the right party. The point has been noted as a very relevant consideration for the consultation.
Consultation approach	Is the intent that the business case will define the preferred option for each initiative?	The expectations is that we will land on a recommendation. We do not have decision making rights however we will be in a position to say what we think is the best way forward, and the rationale for that.
	Is AEMO looking to obtain a high-level participants impact assessments to allow and inform the business case?	Yes, we are looking at options noting stakeholder feedback suggesting avoiding a full costing exercise.
	How will AEMO ensure adequate feedback loops in between business and technical sessions?	The workshop model has been drafted to best facilitate a balance between the desire for an efficient consultation process and allowance for sufficient engagement across business and technical working groups. Each workshop has been assessed for parallel vs sequential execution along with opportunities for out of cycle feedback. The session 2 workshop is intended to provide much of the technical and business discovery inputs to help validate these assumptions and further shape the session timing and agenda where required.
Administrative	Each organisation should provide point of contact (one voice) for the duration of the consultation period.	Point taken on board. Where participants have nominated multiple focus group members, they are asked to indicate a primary contact.
	Will there be a webpage for the project?	Yes. Link to page to be shared with participants.
	Are the Discovery Workshops In-person and Online meetings or only In-Person ?	We're noting support for a hybrid approach and considering making facilities available in Melbourne to attend in person. Nominated participants are asked to indicate if they wish to attend in person.

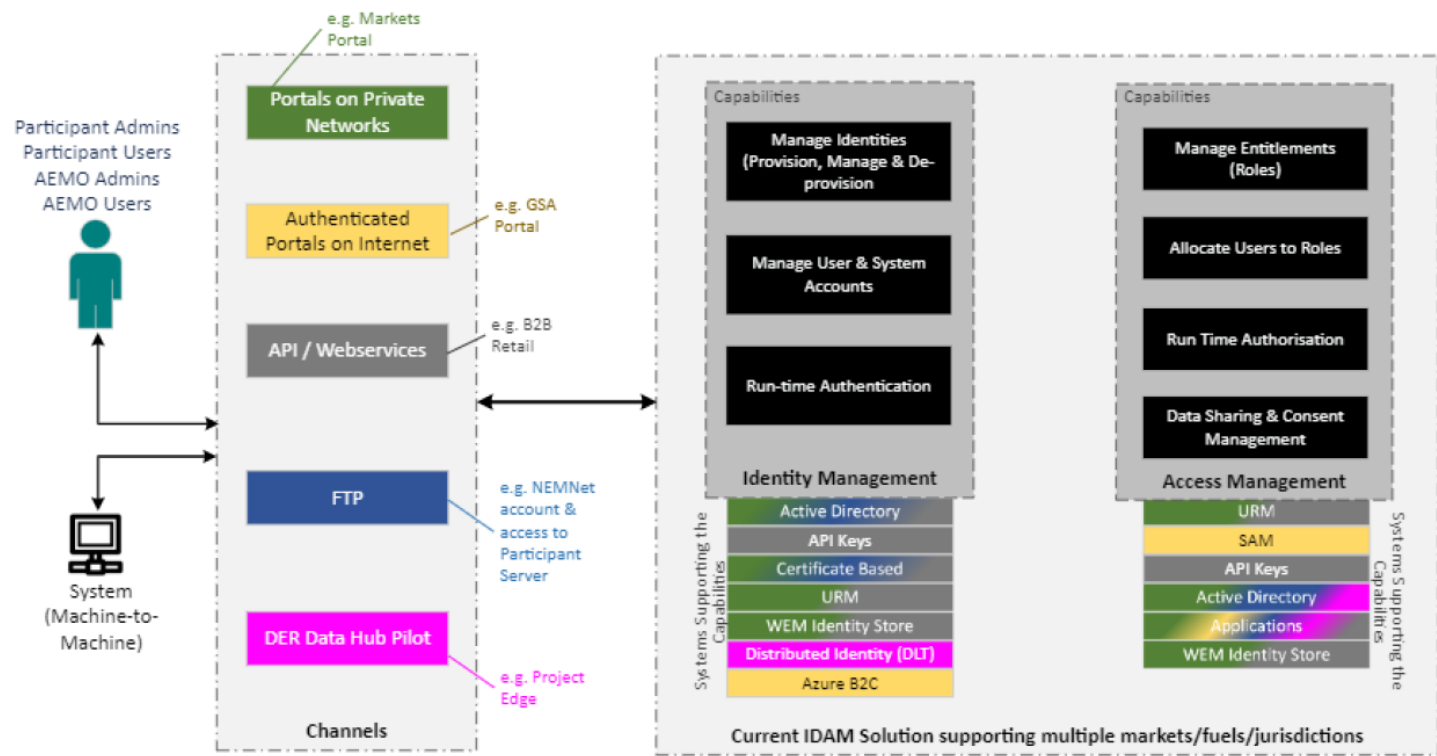
# Identity and Access Management Approach


*Identity and Access Management: A unified mechanism to authenticate and authorise external identity when accessing AEMO services, consolidating and improving overall cyber security controls.*

## Problem Statement:

AEMO’s Identity and Access Management (IDAM) services are disparate, requiring users to retain multiple sets of credentials in order to access AEMO business services. The legacy IDAM services do not implement best practices in cyber security controls (e.g. multifactor authentication) and are insufficient to meet new industry obligations introduced under the SOCI Act.

## IDAM Current State Context Diagram:



 Note: Channels & IDAM Stores illustrated in this slide are indicative only and not the finite list

Following areas will be explored during the IDAM feasibility phase.

In Scope	Out of Scope
✓ NEM, WEM and Gas involving AEMO external interactions	× Network layer security
✓ External Identities including: <ul style="list-style-type: none"><li>- Registered Participants</li><li>- Non-registered Participants</li><li>- Potential Participants</li><li>- Service Providers</li></ul>	× Control systems communications / interactions
✓ External System Accounts Interactions via all supported channels (current & future)	× Direct device communications /interactions

# Next steps: Discovery Workshop for IDAM and PC on 17 April

- Materials including workshop questions will be shared by AEMO in advance of the meeting
- Focus Group members are asked to prepare for the workshop as follows:

## IDAM and PC considerations:

- Industry pain points associated with current state
- Benefits associated with resolution of pain points

## Administrative items

- RSVP to calendar invite
- Indicate to us
  - Primary point of contact for your organisation
  - If you wish to attend in person in Melbourne – “first come first served”

# Notes

- Blaine spoke to, and provided additional context to, the Information Data Exchange (IDX), Identity and Access Mgt (IDAM), Portal Consolidation (PC) Update slides
- In relation to the workshops conducted to date, members commented:
  - That a discussion had occurred around the potential combination of Gas and Electricity data provision via NMI Discovery
  - That the sessions had been informative and considered broad options with an emphasis on preferred Industry and customer outcomes
  - That there is some ongoing challenges in running 'hybrid' meetings (physical and virtual attendance) e.g. ensuring that reps on the call have an equal opportunity to contribute to reps in the physical room





# NSLP Longer-term Methodology (ICF\_072)

Blaine Miner (AEMO)

# Issue Background

- There has been a substantial decrease in NSLP values over the recent years, particularly in Victoria, with the mass interval meter rollout and the small remaining volumes of active accumulation metering.
- A combination of positive and negative NSLP values results in significant fluctuations and spikes in profiled reads (positive and negative).
  - The accumulation read will net to the correct energy value over the read period, however the profiled reads may not be representative of consumption for any particular period (spikes).
- This creates the risk of high pricing coinciding with high 5-minute profiled values that could create trading limit breaches for participants.
- The NSLP is also very sensitive to slight changes in metering data, resulting in significant variations when applied to accumulation metering data between settlement runs.

# Proposed Objectives

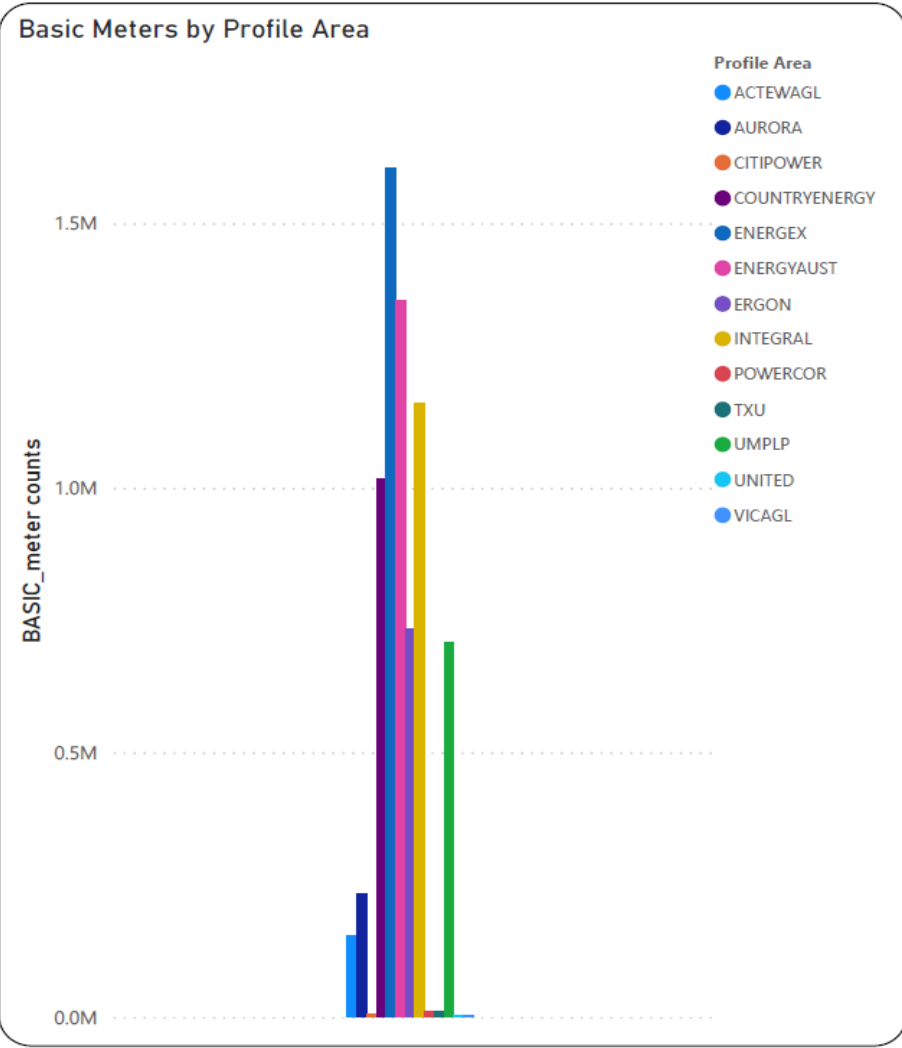
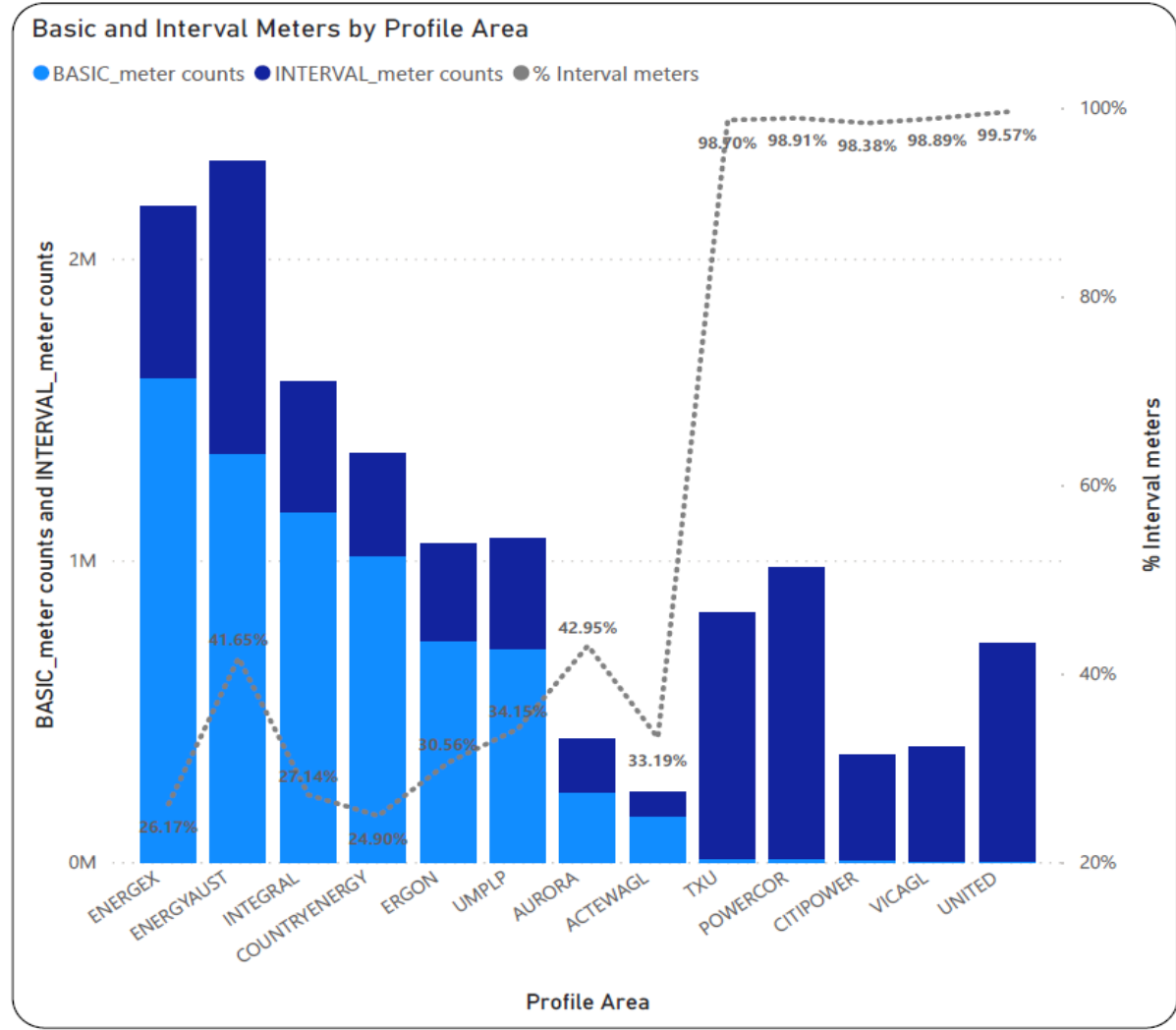
- Objectives are being established to assist in the assessment of potential longer-term solutions
- AEMO is proposing the following objectives for your feedback:
  - Standard and consistent application of methodology
  - Balancing simplicity and quality of outcome
  - Minimising energy volume spikes in profiled reads
  - Gradients of profiled 5-minute reads should match the gradients of the NSLP
- Are there any additional objectives we should be considering?

# Options for Consideration

Methodology	AEMO Comments
<b>Option 1</b> – For NSLP values < minimum value, set a minimum ( <b>non-zero</b> ) value (“floor”)	<ul style="list-style-type: none"> <li>Only impacts the reads to be profiled that traverse the low value period</li> <li>Impact on an individual read varies depending on where it overlaps the profiling period</li> <li>Simple process and easy to implement and understand</li> <li>Quasi-Uniform Allocation Method (UAM) approach (where the calculated NSLP is below the threshold value, the application of the revised profile results in the same energy value being calculated and applied for the 5-minute periods)</li> </ul>
<b>Option 2</b> – for NSLP values < minimum value, set the NSLP to be the average of the positive NSLP values for the day <ul style="list-style-type: none"> <li>If all NSLP values for a day &lt; minimum value, set NSLP = minimum (non-zero) value</li> </ul>	<ul style="list-style-type: none"> <li>Only impacts the reads to be profiled that traverse the low value period</li> <li>Impact on individual read varies depending on where it overlaps the profiling period</li> <li>Complexity of methodology and system implementation</li> <li>Potentially results in a strange energy profile which is inconsistent with expected consumption profile</li> </ul>
<b>Option 3</b> – for NSLP values < minimum value, set the NSLP to be the minimum of the positive NSLP values for the day <ul style="list-style-type: none"> <li>If all NSLP values for a day &lt; minimum value, set NSLP = minimum (non-zero) value</li> </ul>	<ul style="list-style-type: none"> <li>Only impacts the reads to be profiled that traverse the low value period</li> <li>Impact on individual read varies depending on where it overlaps the profiling period</li> <li>Complexity of methodology and system implementation</li> <li>Potentially results in a strange energy profile which is inconsistent with expected consumption profile</li> </ul>

- Note, the options above only changes the profile value where it is less than the specified minimum value; all other profile values are unchanged

# Meter Mix by Profile Area

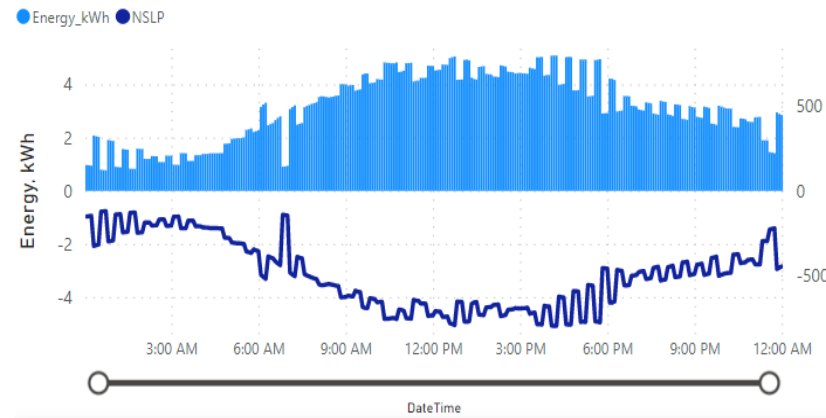


# Assessment of Options

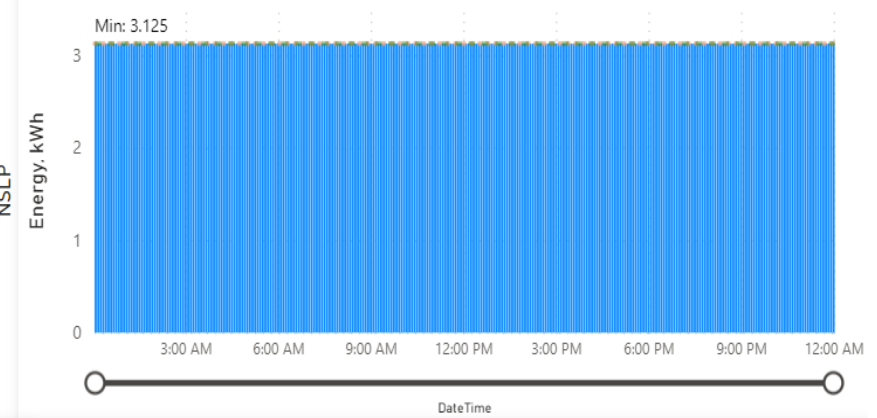
☒ NMI0001A
 ☐ NMI0001B
 ☐ NMI0002A
 ☐ NMI0030A
 ☐ NMI0030B
 ☐ NMI0060A
 ☐ NMI0060B
 ☐ NMI0090A
 ☐ NMI0090B

- If the NSLP values corresponding to the read period are negative for all intervals, all three options would have the same profiling outcome (UAM).

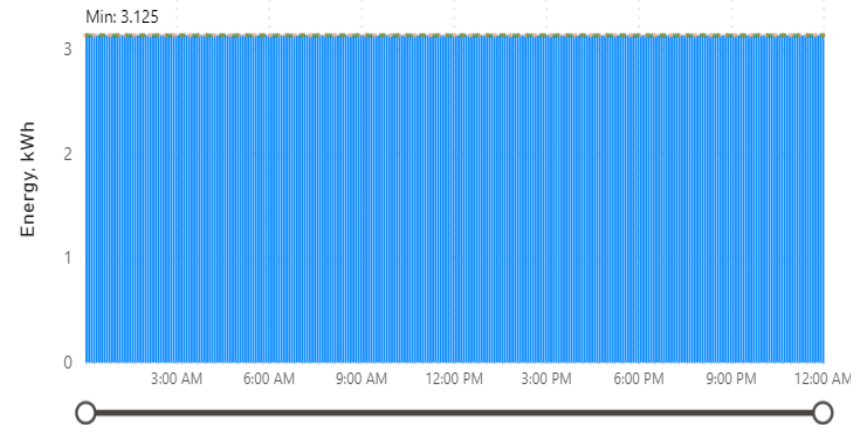
BaseCase



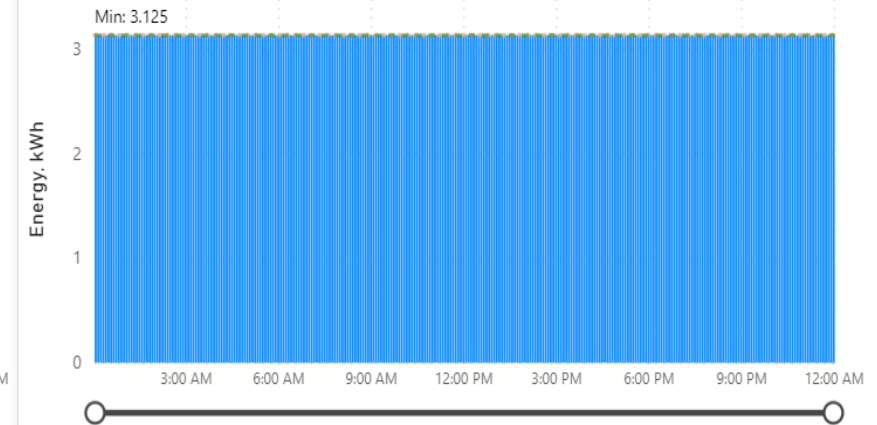
Option 1



Option 2



Option 3

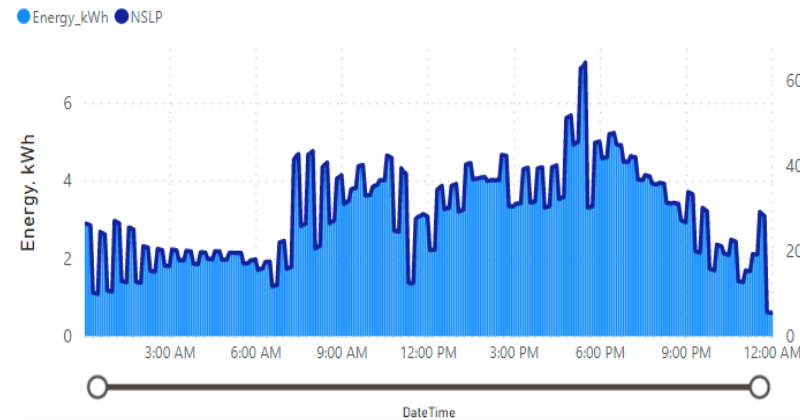


# Assessment of Options

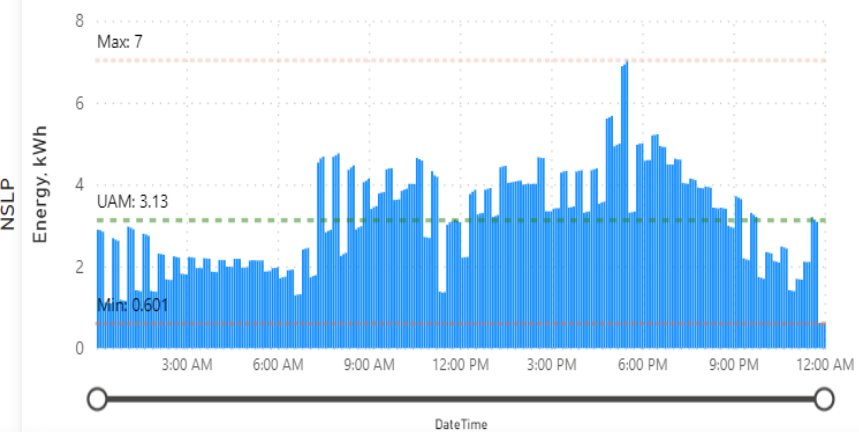
☐ NMI0001A
 ☒ NMI0001B
 ☐ NMI0002A
 ☐ NMI0030A
 ☐ NMI0030B
 ☐ NMI0060A
 ☐ NMI0060B
 ☐ NMI0090A
 ☐ NMI0090B

- If the NSLP values corresponding to the read period are positive for all intervals, all three options would have the same profiling outcome as the current methodology (no change).

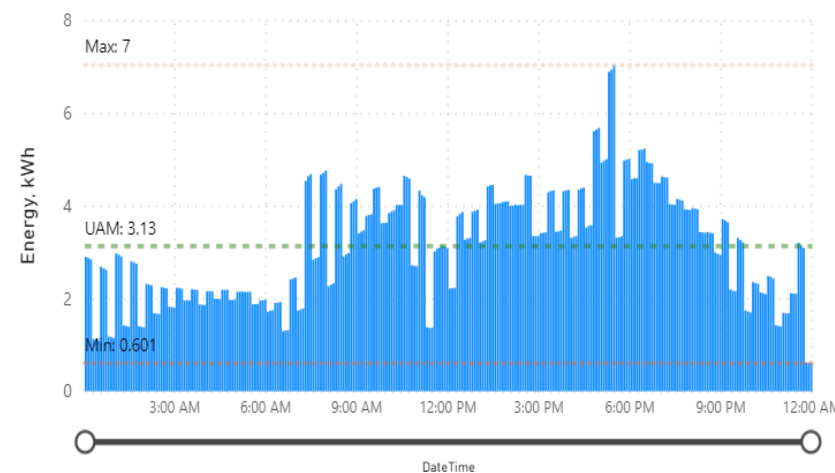
BaseCase



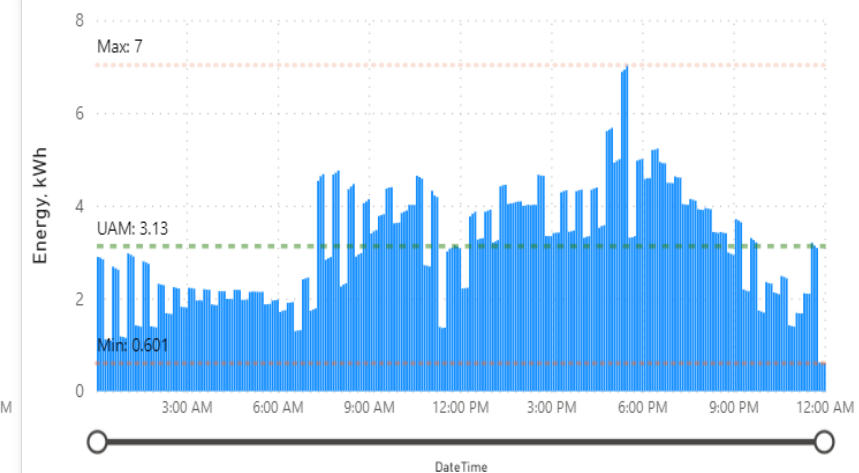
Option 1



Option 2



Option 3

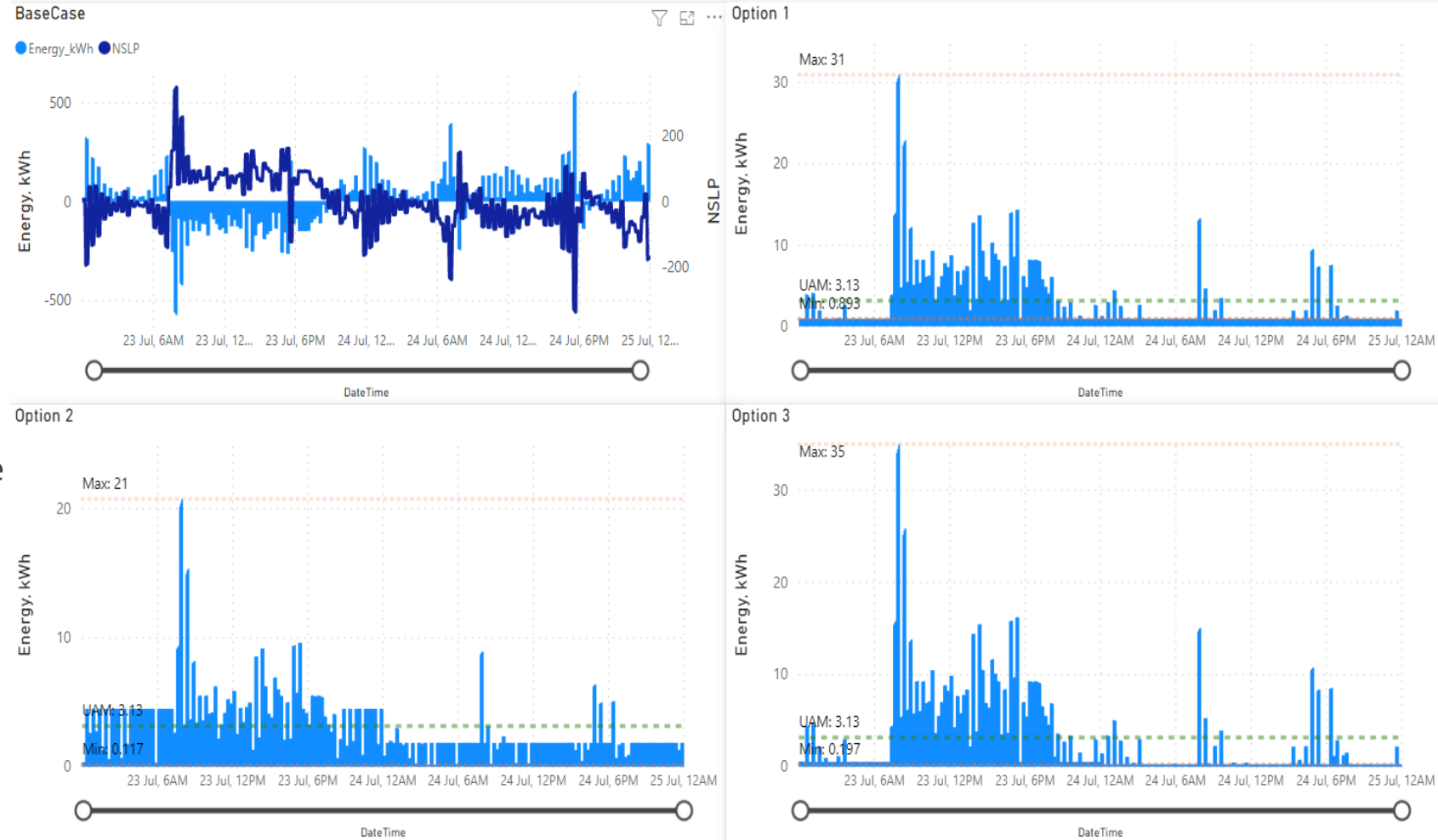




# Assessment of Options

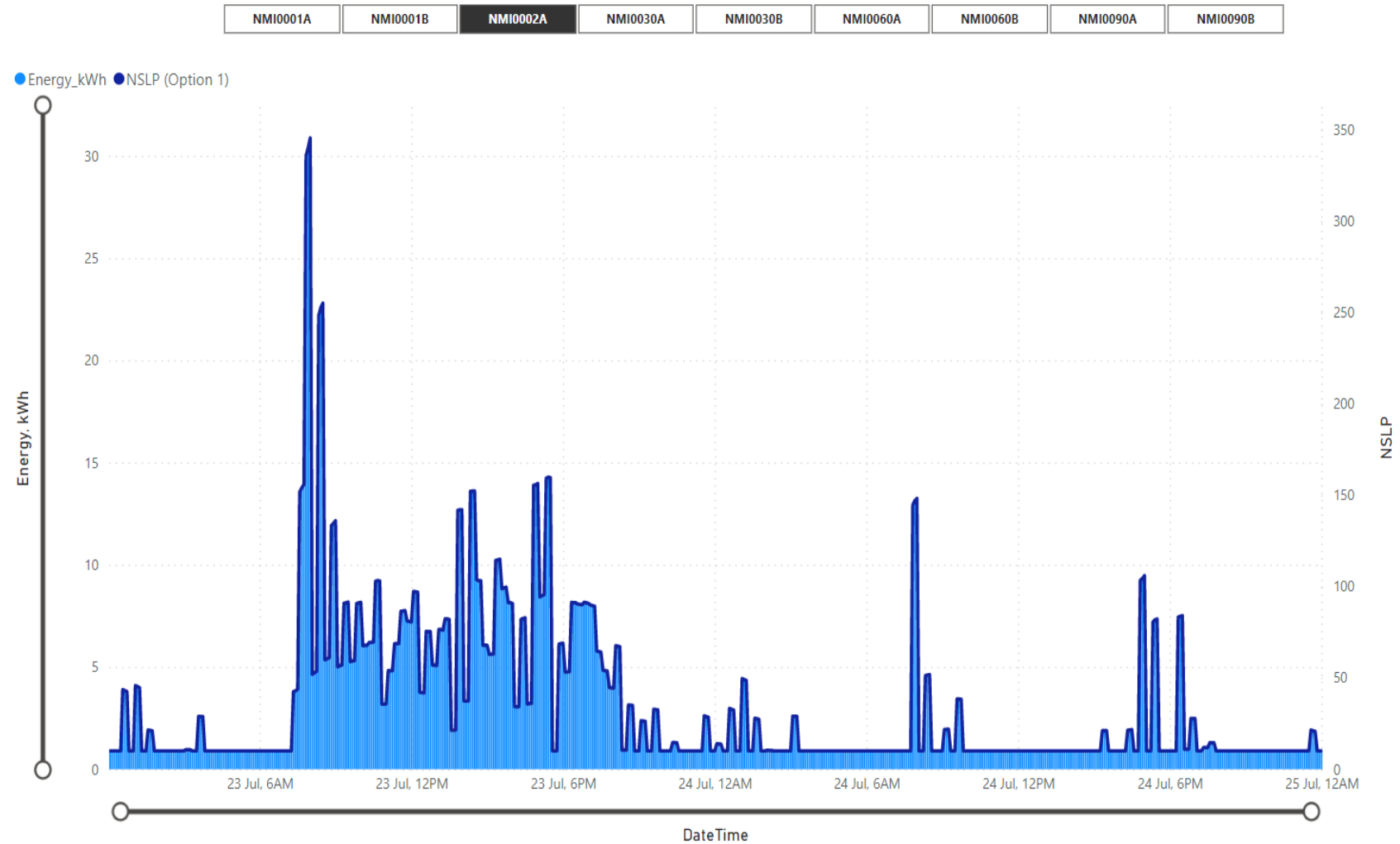
NMI0001A	NMI0001B	NMI0002A	NMI0030A	NMI0030B	NMI0060A	NMI0060B	NMI0090A	NMI0090B
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- Current methodology results in energy volume spikes in profiled reads.
- All three options minimise the occurrence of spikes (a single interval's profiled energy volume would not exceed the energy value for the read period).



# Assessment of Options

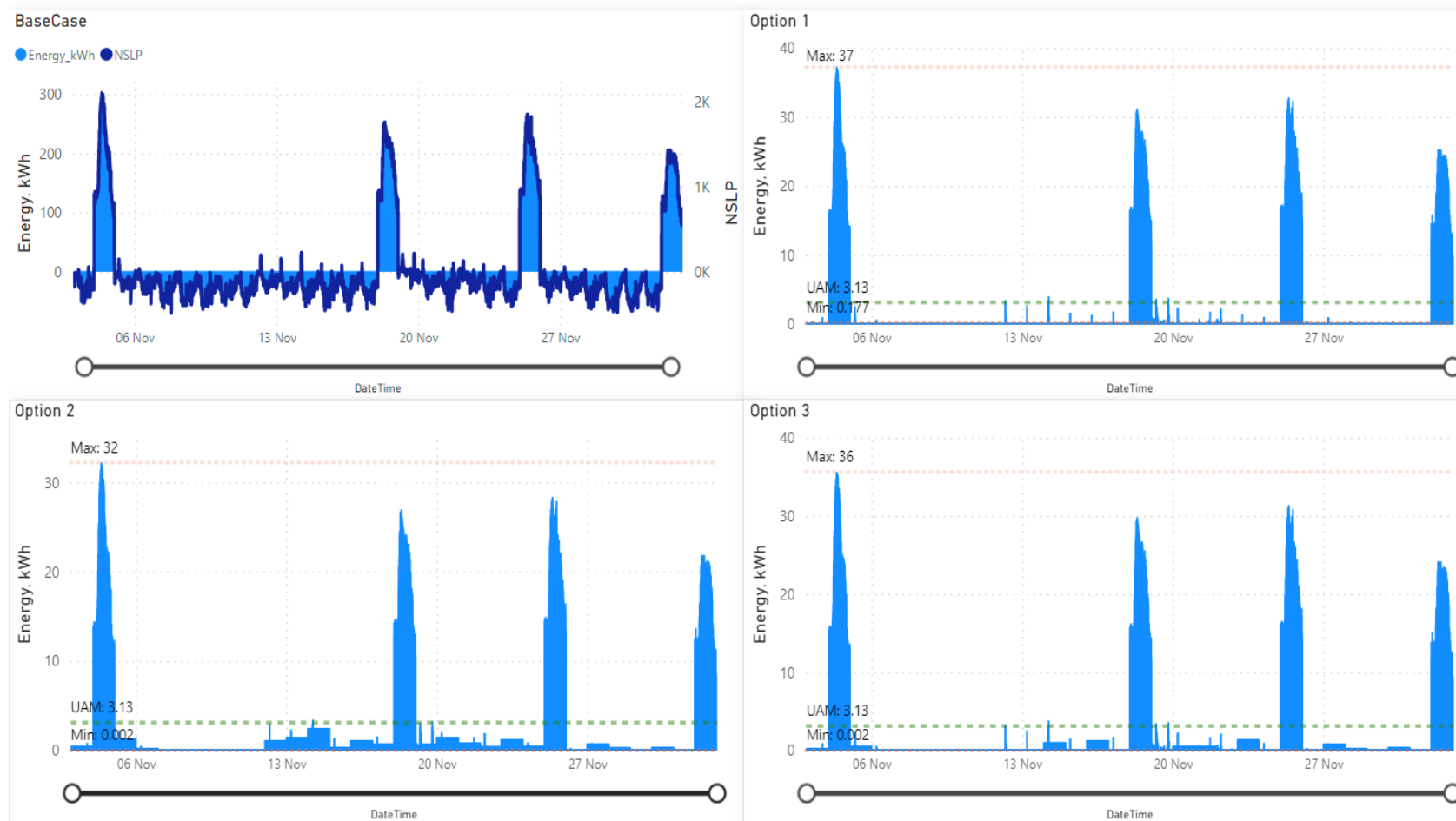
- Option 1 is a quasi-UAM approach (for NSLP values below the threshold, the application of the revised profile results in the same energy value).



# Assessment of Options

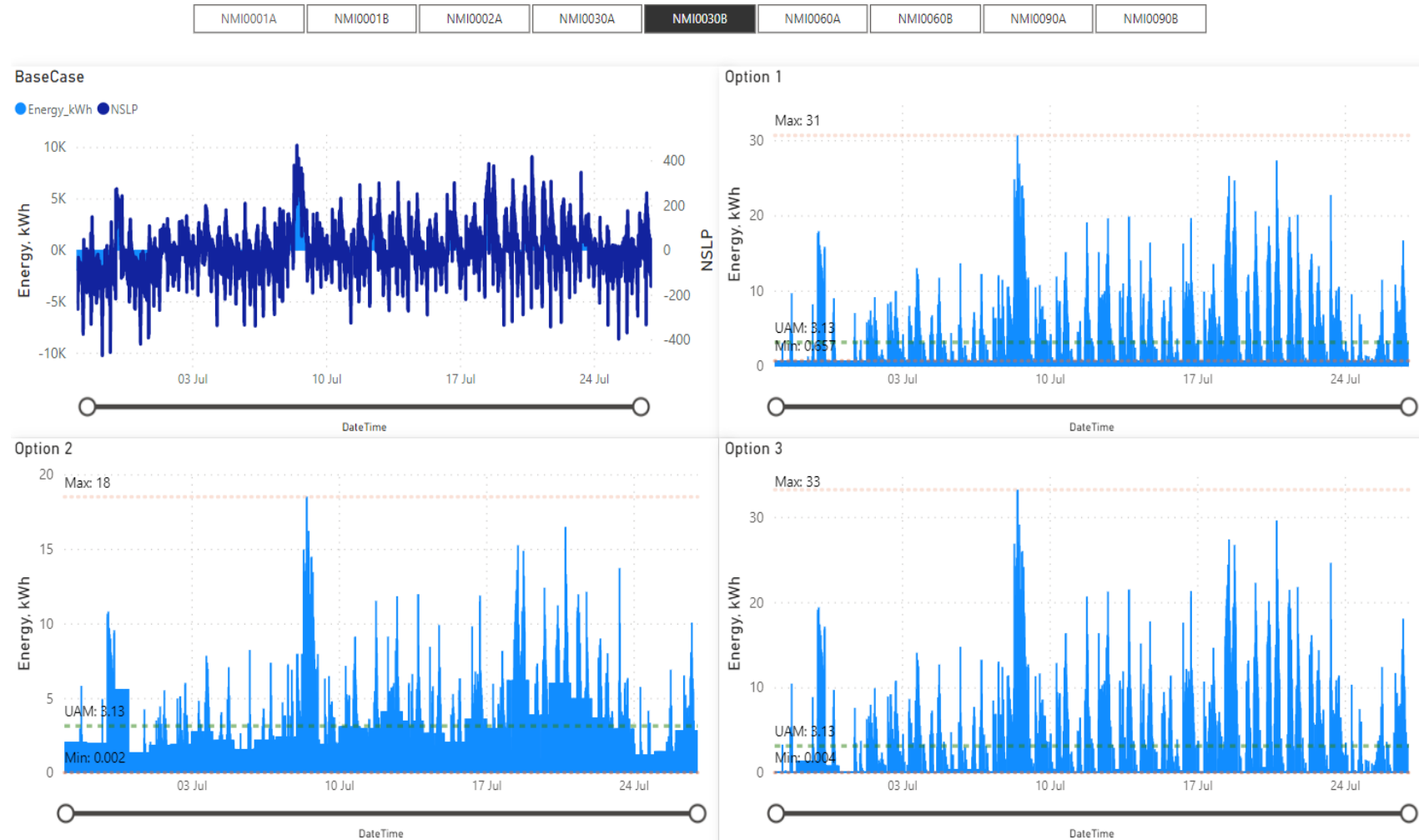
- The difference in profiling outcomes for the three options is not significant.

NMI0001A NMI0001B NMI0002A **NMI0030A** NMI0030B NMI0060A NMI0060B NMI0090A NMI0090B



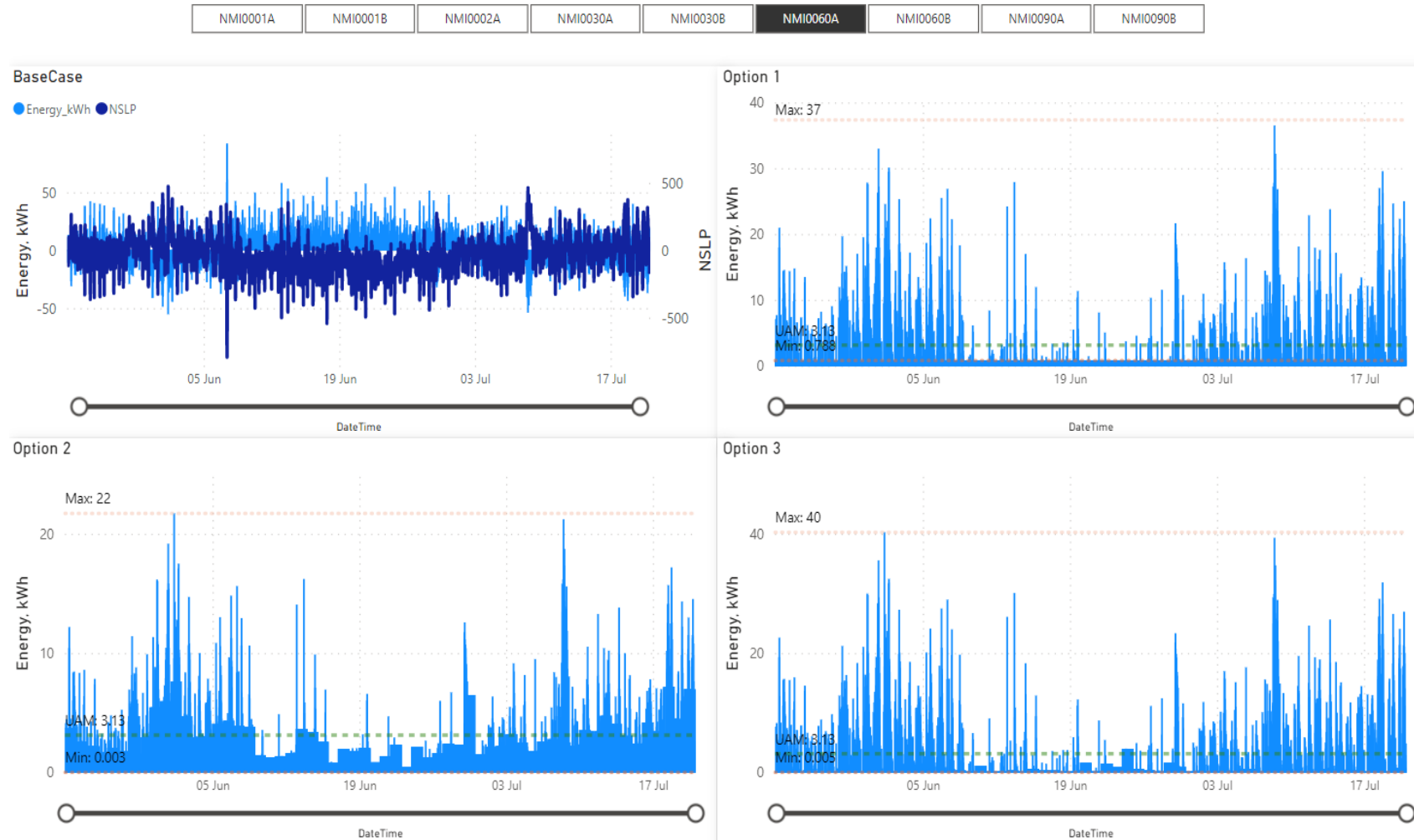
# Assessment of Options

- The difference in profiling outcomes for the three options is not significant.



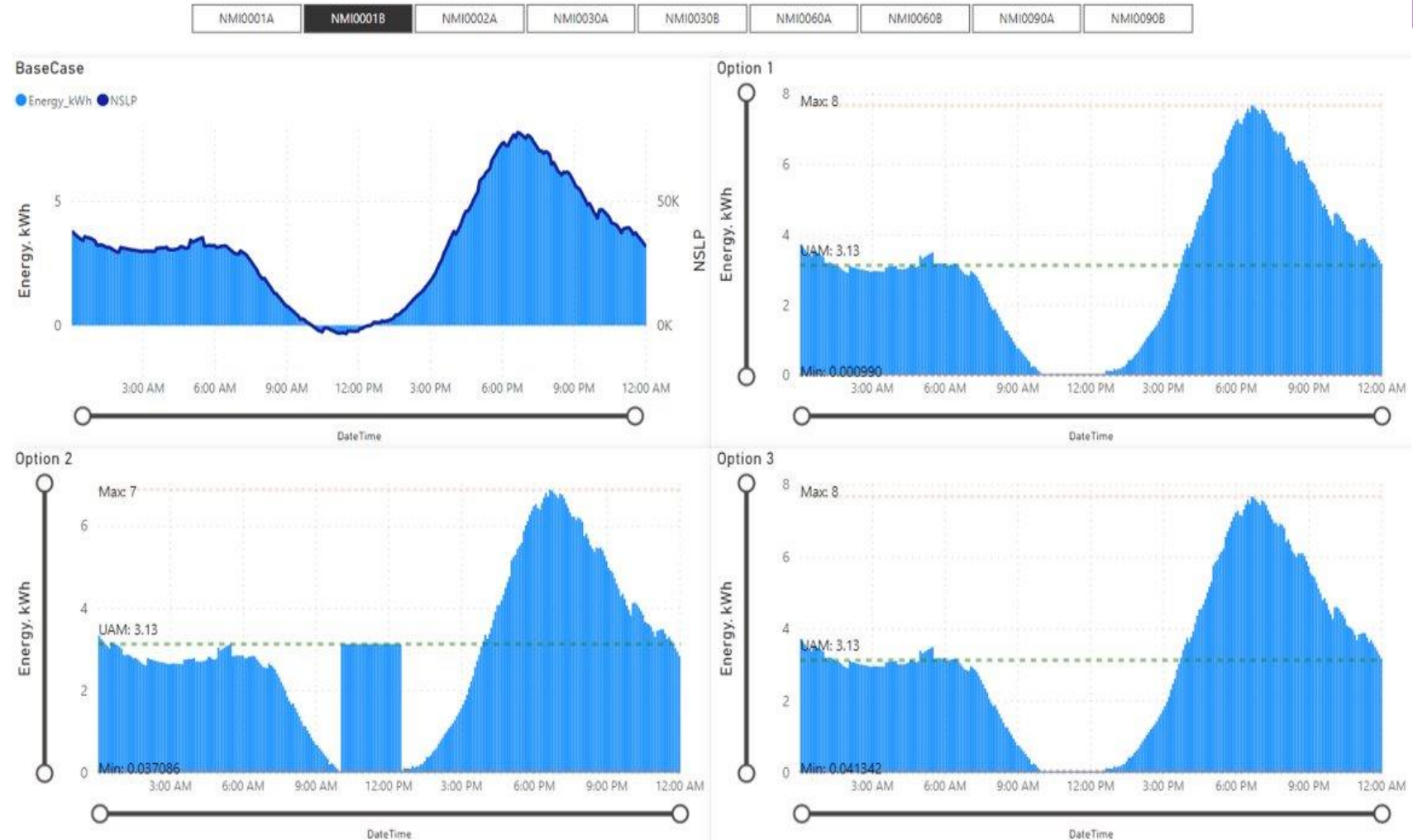
# Assessment of Options

- The difference in profiling outcomes for the three options is not significant.



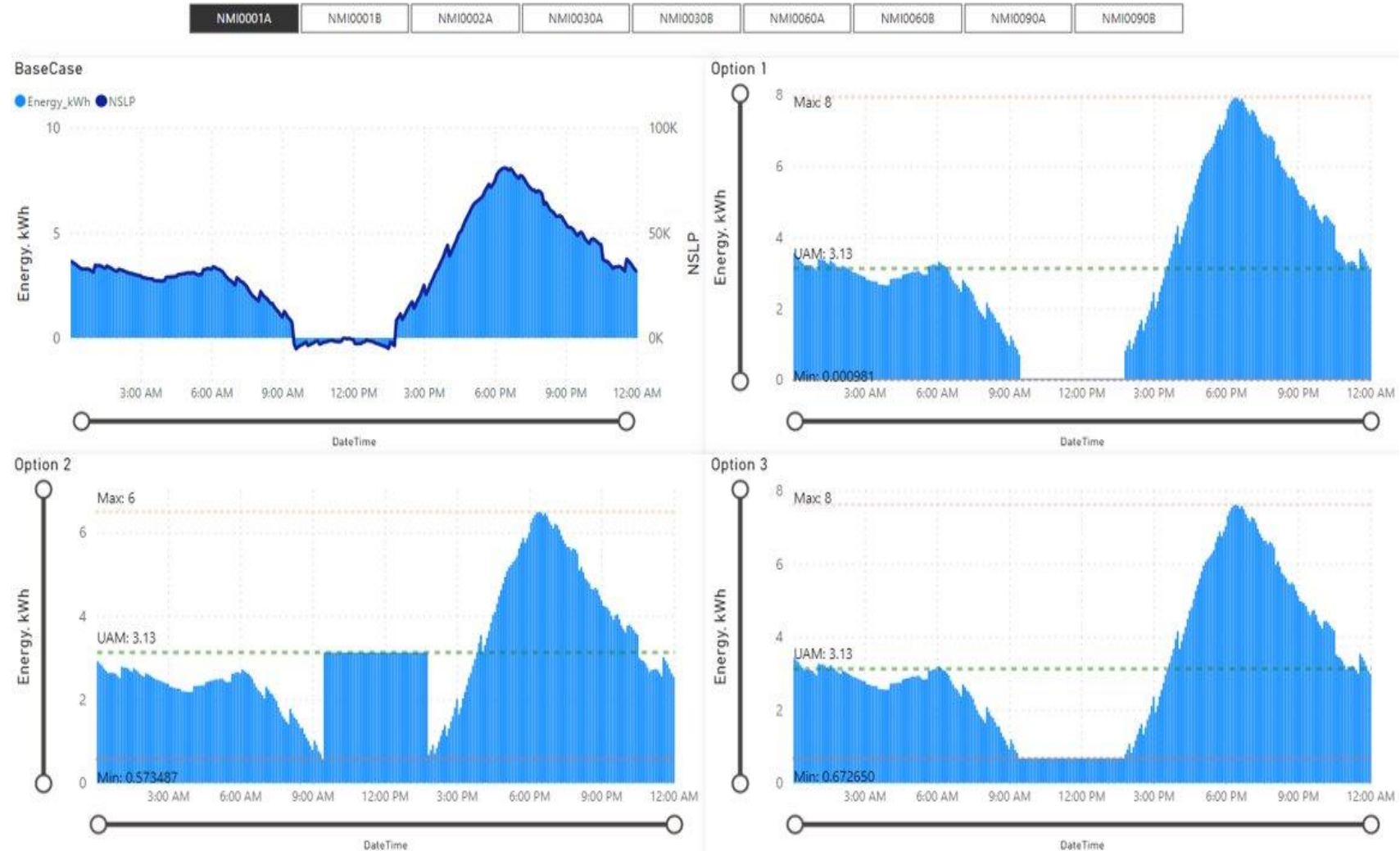
# Assessment of Options

- Depending on the magnitude of the NSLP, Option 2 (average of positive values) may potentially result in profiled energy that is inconsistent with the expected consumption profile.



# Assessment of Options

- Depending on the magnitude of the NSLP, Option 3 (minimum of positive values) may potentially result in profiled energy that is inconsistent with the expected consumption profile.





# AEMO's Preferred Option

- AEMO believes that Option 1 best achieves the proposed objectives, as:
  - It supports a standard and consistent application
  - It is simple to communicate/understand
  - It is easy to implement compared to the other Options
  - It minimises energy volume spikes in profiled reads
  - It does not result in a strange energy profile which is inconsistent with expected consumption profile
  - It results in the gradients of the profiled 5-minute reads closely aligned to the gradients of the NSLP

# Items of Interest

- Targeting a June 2023 consultation commencement
- Aiming to both describe the ‘types’ of profile areas assessed e.g., high interval metering penetration, high NSLP volumes, etc., and demonstrate the application of the options
- Potential implementation timings, October 2024 would likely be the earliest implementation date for a preferred longer-term NSLP methodology, due to the following considerations:
  - Consultation requirements under NER 8.9 (28wk Standard process allowance)
  - Other consultations and implementations we are all trying to manage and implement
  - Required system build, testing and release activities
- Seeking ERCF feedback regarding:
  - AEMO’s initial assessment of the methodology options
  - Which methodology option(s) you believe should be included in the formal consultation
  - What key questions you believe should be included in the Issues Paper e.g., effective date/go-live
- Please forward any feedback to [ERCF@aemo.com.au](mailto:ERCF@aemo.com.au)

# Notes

- Blaine spoke to, and provided additional context to, the NSLP Longer-term Methodology (ICF\_072) slides
- Blaine mentioned that AEMO would like to conclude the consultation supporting this issue by the end of this year, to support the possibility of the preferred longer term methodology being implemented as early as Oct next year, 2024
  - This would require AEMO to reduce the numbers of days allowable to them under NER 8.9 regarding the publishing of the Draft and Final reports
- Blaine mentioned that the subgroup would like AEMO to have more flexibility, or agility, in responding to suboptimal market outcome
- A member asked if the 'Meter Mix by Profile Area' could be published by AEMO on an ongoing basis
- A member raised an alternative option of using installed 5min meter interval meters as the basis for profiling accumulation metering data
- **Actions:**
  - ERCF members to provide feedback to AEMO regarding the following items supporting the upcoming NSLP Longer-term Methodology (ICF\_072) consultation:
    - AEMO's initial assessment of the methodology options
    - Which methodology option(s) they believe should be included in the formal consultation
    - What key questions they believe should be included in the Issues Paper e.g., effective/go-live date
  - AEMO to consider if it can publish the 'Meter Mix by Profile Area' on an ongoing basis
    - Update: AEMO believes it will be able to provide this information on a periodic basis, more information to be shared as it comes to hand.



# ICF Register

Blaine Miner (AEMO)

# ICF Register Update

## (Pending)

Issue/Change Title	Short Description	Proponent	ICF Ref#	Subgroup?	Current Status/Update
ADWNAN Reporting changes	Assignment of Interval ADWNANs to MDP in AEMO Performance Reports	Jane Hutson (EQL)	017	No	Implementation delayed due to an identified impact to AEMO's MDM. AEMO following up internally on potential Implementation timings.
Substitution Type Review	The review requires consideration for new substitution rules to be implemented for interval metering data to replicate substitution rules derived from Manually Read Interval Meters and Accumulative Meters.	Mark Leschke (Yurika)	054	Yes	Subgroup to consider targeting 'NSLP Longer-term Methodology' consultation timings.
Clarification of End Date in Inventory Table	Some MDPs are using NCONUML Inventory Table End Date to identify when the metering data is last calculated, updating it each month. Proposal is to clarify the end-date be when there is a change to consumption or abolishment. If not, the End Date should be reflected as 31.12.9999.	Mark Riley (AGL)	056	Yes	On hold, pending discussions at the B2B WG
Reviewing and updating file examples in the MDFF Specification document.	The MDFF document includes example files. Some of these files have not been updated to incorporate changes in the industry including 5MS and Global Settlements. AEMO Metering to review and update where required the examples in Appendix H of the MDFF Specification.	AEMO	067	No	Document to be updated and published for comment. May be including in the 'NSLP Longer-term Methodology' consultation.
NSLP Longer-term Methodology	Following the introduction of 5MS, participants have witnessed peculiar 'spikes' in settlement volumes. These spikes are a consequence of using the methodology outlined in AEMO's Metrology Procedures Part B.	AEMO	072	Yes	Considering a mid/late July consultation commencement, to assist with stakeholder submission congestion.

# ICF Register Update

## (Under Consultation)

Issue/Change Title	Short Description	Proponent	ICF Ref#	Subgroup?	Current Status/Update
Review of NMI Classifications	Some NMI Classifications are defined according to consumption, while some are defined according to throughput. The descriptions should be updated for consistency and to better accommodate for new connection arrangements (EG: those associated with IESS)	Mark Riley (AGL)	059	Yes	Included in the IESS Consultation <ul style="list-style-type: none"> <li>Draft Report due by 12 June 2023</li> </ul>
Increase 'Building Name' Field Length in MSATS	Currently the "Building Name" field in MSATS is 30 CHAR, Ausgrid would like to change this to 60 CHAR. Proposal is for MSATS to be updated to be aligned to the Procedure i.e. xsd:string maxLen = 30 x 2 therefore allowing for 60 characters in MSATS.	Wayne Turner (Ausgrid)	070	No	Included in the IESS Consultation <ul style="list-style-type: none"> <li>Draft Report due by 12 June 2023</li> </ul>

# ICF Register Update

## (Awaiting Release)

Issue/Change Title	Short Description	Proponent	ICF Ref#	Current Status/Update
Child NMI standing data quality - TNI and DLF	<p>ENM compliance requirement includes maintenance of standing data of Child NMIs – TNI and DLF I.</p> <p>Child NMI TNI and DLF is directly inherited from parent NMI TNI and DLF for all child NMIs except Child NMIs with site specific TNIs.</p> <p>ENMs currently do not have visibility on parent NMI standing data and to any changes made on the parent NMI standing data (CRs raised on Parent NMIs).</p> <p>This results in an issue as the Child NMI TNI and DLF becomes inaccurate when a parent NMI TNI and DLF are changed in the market but not updated to the ENMs.</p> <p>This affects the Child NMI billing in the market resulting in incorrect billing of consumers. * This also directly affects the SDQ report in MSATS and in turn our ENM compliance report from AEMO.</p>	intelenm@energy intel.com.au	032	Scheduled for 30 May 2023 release.
Updating Network Tariff for a Greenfield NMI	Configuration change to validation in MSATS on the CR3101 to allow the CR3101 to continue rather than reject on a Greenfield NMI.	Laura Peirano (UE)	047	Scheduled for 30 May 2023 release.
Clarifying when an embedded network code must be issued	Clarifying EN interpretations of the relevant clause, so the clauses are applicable regardless of the Distributor's embedded network application process.	Dino Ou (Endeavour)	055	Scheduled for 30 May 2023 release.



# ICF Register Update

## (Awaiting Release)

Issue/Change Title	Short Description	Proponent	ICF Ref#	Current Status/Update
Addition of the 'HouseNumberToSuffix' field	<p>The 'House Number To Suffix' is a part of the Australian structured address standards.</p> <p>'HouseNumberToSuffix' was added to the r42 schema in mid-November 2021 by the ASWG, the body that ensures the technical accuracy of the aseXML schema. At the time, ASWG Industry representatives suggested that, purely from an XML perspective, it would be prudent to add a 'HouseNumberToSuffix' element as a logical extension of 'HouseNumberTo'.</p> <p>While its addition to the schema may be technically valid, its addition to the Procedures is still subject to consultation.</p>	Aakash Sembey (Origin Energy)	064	Scheduled for 30 May 2023 release.
Removal of NMI Discovery Type 3 limitations	<p>'Won in Error' process being impacted by MSATS NMI Discovery Type 3 showing an error message where a transfer completed more than 130 business days ago.</p> <p>This MSATS constraint forces market participants to rely on a manual process and retailers are left with no choice but to obtain the 'previous FRMP' details from the relevant network via email.</p> <p>Rule 7.15.5 (c) and (e) of the NER provides relevant provisions for retailers to access to energy data, including NMI Standing Data, in order to comply with its obligation. Since there are no restrictions in the NER, Origin requests AEMO to consider removing this validation from MSATS.</p>	Aakash Sembey (Origin Energy)	065	Scheduled for 30 May 2023 release.

# ICF Register Update

## (Awaiting Release)

Issue/Change Title	Short Description	Proponent	ICF Ref#	Current Status/Update
'Spikes' in settlement volumes within a 30-minute period	Following the introduction of 5MS, participants have witnessed peculiar 'spikes' in settlement volumes. These spikes occur within a 30-minute period and are a consequence of using the methodology outlined in AEMO's Metrology Procedures Part B.	Mark Riley (AGL)	060	Scheduled for 1 October 2023 release.
New fields in MSATS defined by a naming convention that does not align with the procedural field name.	With the introduction of new fields into MSATS as part of the MSDR it has become known that AEMO may create the new fields in MSATS defined by a naming convention that does not align with the procedural field name. The AEMO defined the field name may be based on their database name and participants are then required to create a mapping table within their systems to associate this name with the procedural field name that is defined in the Standing Data for MSATS document.	Adrian Honey (TasNetworks)	069	New C1 'TF_DATA_ELEMENT_MAPPING' report expected to be implemented between 30 May and Nov 2023

# Notes

- Blaine spoke to, and provided additional context to, the ICF Register slides
- Blaine mentioned that:
  - AEMO is currently considering when the ADWNAN Reporting changes (ICF\_017) could be included into a future release
  - AEMO is actively seeking to include some of the open ICFs (e.g. Substitution Type Review (ICF\_054) and Reviewing and updating file examples in the MDFF Specification document (ICF\_067)) into upcoming consultations
  - AEMO is currently considering submissions to the initial stage of the IESS consultation
    - A workshop will likely be called to discuss potential options supporting ICF\_059
- Blaine requested the Substitution Type Review (ICF\_054) subgroup to target providing any recommended changes to the ERCF for its feedback by the June monthly meeting, so they could potentially be included in the scheduled NSLP Longer-term Methodology consultation in July
  - Should this not be achievable, proposed changes will then be consulted on at a future date
- Mark Leschke (Yurika) provided a brief update re the Substitution Type Review subgroup
  - A few subgroup members have met recently to progress potential recommended changes
  - The subgroup had been engaging MDPs across the NEM to seek feedback/implications associated to proposed changes e.g. cost implications, etc.
    - Feedback/engagement from MDPs to date has been relatively low
- **Action:**
  - Substitution Type Review (ICF\_054) subgroup to target providing any recommended changes to the ERCF for its feedback by the June monthly meeting

# Items of Interest

Blaine Miner (AEMO)

# Items of Interest

Category	Title	Description/Objective	Comments/Links
Initiative	Participant Certificate Management Solution	To allow Participants to self-manage their AEMO related Transport Layer Security (TLS) certificates through an API, so that Participants can choose to automate the management of their TLS certificates.	Solution went live in Production on 13 April (UI and API). A number of Participants have now used the solution, mainly through the portal.
	Information Data Exchange (IDX)	To enable unified access to AEMO services across all markets, using modern authentication and communication protocols, facilitating a cohesive approach to industry data exchange. This will leverage IDAM	Workshop sessions occurring between March and July 2023
	Identity and Access Mgt (IDAM)	To establish a unified mechanism to authenticate participant users and applications when accessing AEMO services.	Workshop sessions occurring between March and July 2023
	Portal Consolidation (PC)	To create a 'single pane of glass' user experience for participants accessing all AEMO browser based services	Workshop sessions occurring between March and July 2023
	ESB Billing Transparency	To support better consumer protections and understanding of consumer needs in the market transition.	Stakeholders have been interviewed as part of the Billing Transparency project and the committee is reviewing options to present to stakeholders about what data sets are being looked at to collect. <a href="https://esb-post2025-market-design.aemc.gov.au/data-strategy">https://esb-post2025-market-design.aemc.gov.au/data-strategy</a>
	Changes to Retailer Of Last Resort (RoLR) Procedures (B2M and Gas)	Seeking to identify and implement improvements to the existing B2M and Gas RoLR related activities/processes.	Direct Participant engagement has commenced, scope being finalised. No indicative consultation timings available at this stage.
	Unlocking Consumer Energy Resources (CER) Benefits through Flexible Trading	Rule change request that aims to unlock consumer energy resources (CER) benefits through flexible trading arrangements.	<a href="https://www.aemc.gov.au/rule-changes/unlocking-CER-benefits-through-flexible-trading">https://www.aemc.gov.au/rule-changes/unlocking-CER-benefits-through-flexible-trading</a>
	Review of the regulatory framework for metering services	Seeking to identify options to accelerate the deployment of smart meters in the National Electricity Market (NEM).	<a href="https://www.aemc.gov.au/market-reviews-advice/review-regulatory-framework-metering-services">https://www.aemc.gov.au/market-reviews-advice/review-regulatory-framework-metering-services</a>
AEMO Retail Releases	30 May 2023	To deploy functionality which supports Retail & Metering items such as Stand-alone Power Systems (SAPS), Consumer Data Right (CDR), Shared Isolation Point Flag (SIPF) and various ERCF ICFs	May Release is rated AMBER due to delays with SAPS Internal Testing and Performance updates to CDR. Go-live criteria and contingencies have been established. AEMO 'go-live' checkpoint meeting scheduled for Mon 1 May.
	October to November 2023	Expected to support Retail & Metering items such as: the Five-minute Load Profiling (5MLP) Methodology changes and the Metering Installation Exemption Automation	Release currently rated as GREEN.
Compliance Holidays	Metering Coordinator Planned Interruptions (MCPI)	Compliance holiday finishes 1 May 2023, all Shared Isolation Point Flag (SIPF) CATS/WIGs obligations to be enforced from 1 May 2023	Functionality included in the May 2023 release

# Items of Interest

Category	Title	Description	Comments
Consultations	Business to Business (B2B) NEM RoLR Changes	<ul style="list-style-type: none"> <li>The changes (Changes) which are proposed (Proposal) are intended to: <ul style="list-style-type: none"> <li>Enhance the Retailer of Last Resort (RoLR) B2B Customer Details Report provided by the failed/suspended retailers to the RoLR.</li> <li>Correct identified errors in the Procedure.</li> <li>Address gaps in obligations on the treatment of inflight work requests where the work is being undertaken by a non-LNSP service provider.</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>IEC considering stakeholder submissions and B2B WG recommendations, likely to switch to a standard consultation with reduced scope</li> </ul>
	Integrated Energy Storage Systems (IESS) plus Other Matters	<p>A new registration category, the Integrated Resource Provider (IRP), that allows storage and hybrids to register and participate in a single registration category rather than under two different categories. Consultation also includes:</p> <ul style="list-style-type: none"> <li>ICF_059 – NMI Classification Code Recommendations</li> <li>ICF_070 - Increase 'Building Name' Field Length in MSATS</li> </ul>	<ul style="list-style-type: none"> <li>AEMO considering stakeholder submissions</li> <li>Draft Report due to be published by 12 June 2023</li> </ul>
	Standing Data for MSATS	Inclusion of an additional CT enumerations	<ul style="list-style-type: none"> <li>Completed - New version (v5.35) published 17 April 2023</li> </ul>
	Stand-alone Power Systems (SAPS) Expedited process	Amendments to various procedures, including MDM procedures, MP SLP and MDP SLP	<ul style="list-style-type: none"> <li>Expedited consultation</li> <li>Submissions due on the Draft Report by Thursday 27 April 2023</li> </ul>
	Consumer Data Right (CDR) Minor Amendment	Consultation required to support the effective date change of the LCCD obligations to 1 Nov 2023	<ul style="list-style-type: none"> <li>Minor amendment process</li> <li>8 submissions received, all supportive 1 Nov</li> <li>Final Report due by Friday 28 April 2023</li> </ul>
	Metering Installation Exemption Automation	Update or remove content from the Metering Exemptions Procedures to account for the new exemption automation	<ul style="list-style-type: none"> <li>MC demonstration occurred 17 April 2023</li> <li>Submissions due by Friday 12 May 2023</li> </ul>
	May 2023 Procedure consolidation	Consolidation required for the CATS, WIGs and Standing Data for MSATS documents effective 30 May 2023	<ul style="list-style-type: none"> <li>Expected to be published late April</li> </ul>
	Net System Load Profiling (NSLP) Methodologies	The determination of the longer term NSLP load profiling methodology was removed from the 'Load Profiling Methodologies' consultation to allow additional time for further analysis and consideration. This consultation seeks to identify and implement a preferred longer-term NSLP methodology.	<ul style="list-style-type: none"> <li>Consultation expected to commence mid/late July 2023</li> </ul>

# Notes

- Blaine spoke to, and provided additional context to, the Items of Interest slides
- Blaine mentioned that he has now included relevant links into the slides associated to a variety of market initiatives, for easy referencing
- A member asked if there was list of stakeholders interviewed as part of the Billing Transparency project
- Blaine asked members to send through any suggested inclusions into these slides at their earliest convenience
  - A member suggested the inclusion of MS DR P1 and P2 field population
- A member asked how the compliance of MCPI obligations will be performed prior to the 30 May release
  - AEMO update: AEMO will be monitoring compliance via internal reporting and database querying between 1 May to 30 May
- Blaine mentioned that AEMO will be running 'May Release Q&A sessions' every Tues and Thurs from 2 May to 30 May
- A member asked if AEMO would be able to support the testing of the LCCD field MSATS functionality during the May Industry Testing
  - AEMO update: Due to the current state of the May release, reporting 'red', LCCD MSATS testing will unfortunately not be available until closer to the proposed effective date i.e. 1 Nov 2023 (LCCD schema and C1 reporting ingestion testing will be supported in May)
- A member asked if AEMO was intending on reviewing its performance reporting processes as a result of the metering exemption automation
  - Jackie from AEMO didn't believe that the automation would impact the performance reporting processes but that Participants should contact Craig Shelley (AEMO) directly to discuss any concerns they may have
- **Actions:**
  - AEMO to seek to obtain the list of stakeholders interviewed as part of the Billing Transparency project
  - ERCF members to send through any suggested inclusions into the 'Items of Interest' tables



# General Business and Next Steps

Blaine Miner (AEMO)



# General Business & Next Steps

- Connection Configuration values (PlusES)
  - Raise visibility of what PlusES are experiencing and downstream impacts of these discrepancies against existing sites and potentially sites the MP will churn into, including but not limited to operational resources (desktop and field), billing etc.
  - DNSPs to ensure that their connection configuration process is delivering accurate values
    - Values that have been already populated or to be populated.
- Are there any other general business items members wish to raise?
- Actions and notes to be circulated asap
- Next meeting scheduled for Monday 22 May 2023
  - Please send through any proposed agenda items, questions or suggested meeting improvements to [ERCF@aemo.com.au](mailto:ERCF@aemo.com.au)

# Notes

- Helen Vassos (PlusES) spoke to recent issues experienced by PlusES in receiving erroneous values associated to the MSATS 'Connection Configuration' field
  - Discrepancies included HV sites being identified as LV sites
  - Helen requested DBs to check their processes to ensure the provision of values is more accurate in the future, as PlusES has had to turn off their automation associated to this field due to the issues encountered

# Appendix

# Completed Consultations

Consultation	Short Description	Current Status/Update
Standing Data for MSATS enumerations v5.34	Inclusion of additional CT and VT enumerations	<ul style="list-style-type: none"> <li>New enumerations available in Production</li> </ul>
UFE Reporting Guidelines	Consultation to facilitate informed debate and feedback by industry about the proposed content of the UFE reporting guidelines to meet the objectives for 3.15.5B in the NER.	<ul style="list-style-type: none"> <li>New procedure effective from 1 March 2023</li> <li><a href="https://aemo.com.au/consultations/current-and-closed-consultations/ufe-reporting-guidelines-consultation">https://aemo.com.au/consultations/current-and-closed-consultations/ufe-reporting-guidelines-consultation</a></li> </ul>
Load Profiling (ICF_060)	<p>Following the introduction of 5MS, participants have witnessed peculiar ‘spikes’ in settlement volumes. These spikes occur within a 30-minute period and are a consequence of using the methodology outlined in AEMO’s Metrology Procedures Part B. This consultation will seek to determine a preferred long-term methodology. Procedures impacted include: Metrology Part B and MDM Procedure. Consultation also includes:</p> <ul style="list-style-type: none"> <li>ICF_055 - Embedded Network Codes</li> <li>ICF_064 - ‘HouseNumberToSuffix’ field</li> <li>ICF_065 - Removal of NMI Discovery Type 3 limitations</li> </ul>	<ul style="list-style-type: none"> <li>New 5MLP methodology to become effective from 1 October 2023</li> <li>ICFs_055, 64 and 65 effective from 30 May 2023</li> <li><a href="https://aemo.com.au/consultations/current-and-closed-consultations/load-profiling-methodologies-consultation">https://aemo.com.au/consultations/current-and-closed-consultations/load-profiling-methodologies-consultation</a></li> </ul>
Standing Data for MSATS enumerations v5.35	Inclusion of additional CT and VT enumerations	<ul style="list-style-type: none"> <li>New enumerations available in Production</li> <li><a href="https://aemo.com.au/consultations/current-and-closed-consultations/standing-data-for-msats-procedure-open-for-comment">https://aemo.com.au/consultations/current-and-closed-consultations/standing-data-for-msats-procedure-open-for-comment</a></li> </ul>

# ERCF ICF Release Summary

## May 2023:

ICF ID	Description	AEMO Impact
032	Child NMI standing data quality - TNI and DLF	• System only change
047	Updating Network Tariff for a Greenfield NMI	• System only change
055	Clarifying when an embedded network code must be issued	• Procedure only change
064	Addition of the 'HouseNumberToSuffix' field	• Procedure & System change
065	Removal of NMI Discovery Type 3 limitations	• System only change
SIPF	Updates to the CR5000 series 'Maintain NMI' change request logic account of the 1 May 2023 ending of the MCPI Compliance Holiday.	• System only change

## Oct/Nov 2023:

ICF ID	Description	AEMO Impact
060	5MLP Longer-term methodology	• Procedure & System change



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