NESO National Energy System Operator

Single Markets Platform Show & Listen Session 48

Workshop date

18 09 25

Facilitators

David Preston - Product Manager
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Agenda

1. Introduction — 2 min
2. Update on Releases — 4 min
3. Singe Email address demo — 6 min
4. Update on Dead Banding — 2 min
5. Update on APIs — 5min
6. Input for FY27 Roadmap Features — 4 min
7. Feedback — 2 min

Rules

- This is your session to participate. Dig in!
- Use the chat function to ask questions.
- Use the mute button when not speaking.
- Avoid interrupting when others are speaking.

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Your Participation Role

1. **Throughout the session**
   Speak up, think big, raise concerns, be patient, don't use acronyms or inside language.
2. **During activities**
   Ask clarifying questions before we begin, good energy in - good results out.
3. **Remember**
   This session is part of the (good) work. We've never done this together before. Seek to understand before being understood.

Mural Tips

NAVIGATION

Moving the board
Hold the space bar down then click and drag to move the position of the entire MURAL on your screen

Zooming in & out
Scroll the wheel on your mouse or pinch on your trackpad to zoom in/out. When changing devices you may need to check **Zoom Settings** in the bottom right.

The minimap
Track your view of the MURAL and zoom percentage on the minimap on the bottom right corner of your screen.

ORGANIZING

Select Objects
Click an object to select it; hold shift while clicking objects to select more than one at once

Move Objects
After selecting the objects you wish to move, simply drag them to the desired location on the MURAL

CONTRIBUTING

Sticky Notes
Add sticky notes by right-clicking, then selecting **Add Sticky Note** or by double clicking on an empty space or the background.

2 Update on Releases

Latest status

4 min

17th September - Release 4.4

1. Single Email address - allows a user to register multiple companies with the same email address, and will enable the same user to become a Portfolio Super User for all those companies.
2. Dead Banding - capturing the dead banding will open the market for the asynchronous unit which has Zero dead banding and wants to participate in the Dynamic response services. In addition, will enable the performance monitoring team to access the performance of Standard and Zero dead banding units accurately.

29th October - Release 4.5

1. New API - Create MPAN and consent (linked to ABSVD) - allows the Unit Manager to create MPANs against their Asset details.
2. Optimise external APIs - address API production of allowing around 10K assets to be aligned at one go.
3. Balancing Mechanism Registration enhancements (multiple) - improved user experience for customers and internal teams following feedback on validations and usability.
4. General Enhancements (enhancements based on the customer feedback) - enduring solutions for Production issues.

Review Questions and seek clarification

Questions

Feedback

3 Single Email address Demo

Opportunity to provide feedback

6 min

High Level Demo of the External Portal User Journey for registering Additional Companies using single email address within the SMP Platform.

Questions

Feedback

4 Update on Dead Banding

Impact on you

2 min

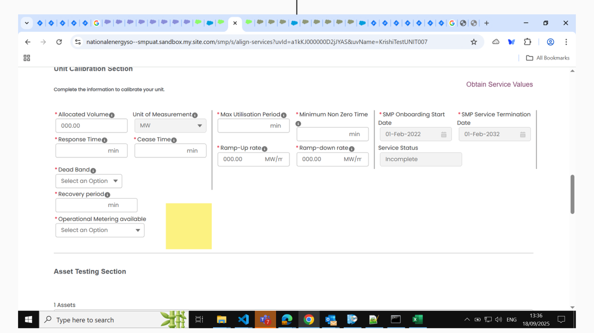
Business Context

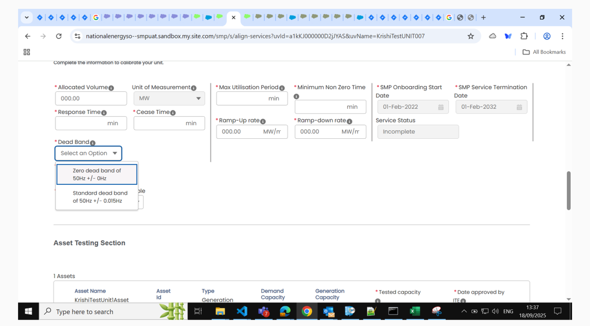
We had received provider feedback on our current terms that the current dead band provision (standard dead band of 50Hz +/-0.015Hz) is too restrictive for certain types of technology, particularly synchronous, non-energy limited units. These units often lack the technical capability to adhere to the existing dead band requirements. By allowing a zero dead band, NESO aims to enable a broader range of technology types to participate in Dynamic Services. This change is intended to make it easier for various technologies to contribute to grid stability and reliability.

Benefits

- Enables wider participation of different technologies, in providing dynamic services.
- Supports modernization and future-proofing of the grid for zero-carbon integration.
- Enables performance monitoring team to assess the performance of Standard and Zero dead banding units accurately.

Contract manager enables Dead band for all the dynamic response services → Market participant selects the appropriate Dead band for their unit(s) during prequalification i.e. either the **Standard dead band of 50Hz +/- 0.015Hz** or **Zero dead band of 50Hz +/- 0Hz** → Performance monitoring team receives dead band value of new unit(s) using which they could assess the performance of standard vs zero dead band unit(s) accurately





Review Questions and seek clarification

Questions

Feedback

5 Update on APIs

Enhancements

5 min

Summary of Changes

- Create MPAN API – API bought up to same functionality as the SMP portal. User able to create 3 MPAN pairs per asset and enter consent information for sharing with Elexon.

Create Asset API → Create MPAN API → Create Asset Testing Service API (Optional) → Create Unit API → Qualify Unit for Services in SMP Portal

- Optimisation goals:
  - 50,000 Assets' details returned per Read request
  - 10,000 Assets aligned per Create or Update Unit transaction with ability to add more to the same Unit in later transactions

NESO

Review Questions and seek clarification

Questions

Feedback

6 Input for FY27 Roadmap Features

Opportunity to influence functionality

4 min

SMP are currently defining the features for the next financial year FY27 and would welcome any feedback from the market for new functionality or enhancements to existing functionality.

Instructions

Please post your wish list within one of the three categories of priority below that you would like in terms of new functionality or improvements to be included onto the SMP Roadmap:

Must

Should

Could

Review Questions and seek clarification

Questions

Feedback

7 Feedback

Opportunity to provide instant feedback

2 min

Please post what we did well:

Please post what we could do better:

Actions