Single Markets Platform Show & Listen Session 59

Workshop date

15 10 26

Facilitators

David Preston - Product Manager

Harish Srigiri - Product Owner

Jillian Wells - Systems Change Manager

Gopa Indukumar- Business Analyst

Alasdair Smith- Functional Consultant

Agenda

1	Introduction	2 min
2	Update on Releases	5 min
3	BMU-NBMU Asset Alignment Rules	5 min
4	Addition of BESS Fuel Type	3 min
5	SMP Intuitive Guidance Demo (Unit Registration)	3 min
6	AI Assistant Demo	5 min
7	**AOB**	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.

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.

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Update on Releases

Latest status

5 min

7th October - Release 5.4

1. Trading Agent & Control Point Change – Enables Market Participants to seamlessly update Trading Agents and Control Points for accepted Units through a streamlined self-service change workflow
2. Internal User Experience Enhancements – Delivers configurable dashboards and improved operational screens to increase productivity and visibility for Contracts and BM Registration teams.
3. Benched Units Lifecycle Management – Introduces a governed Benched Unit workflow with lifecycle tracking, automated communications, and enhanced operational control.
4. OBP MPT Status Management – Provides visibility to support Market Participant Testing when registering a new unit with its Control Point and Trading Agent..

18th November - Release 5.5

1. Intuitive Unit Guidance - Provide contextual, field-level guidance within Unit Registration, helping Market Participants understand requirements and get their submissions right first time.
2. AI-Assistant (Guidance & Support) - Provide Market Participants with an AI-powered SMP assistant offering instant guidance and support from approved SMP knowledge.
3. Improved Reporting Capability - Bring SMP reporting up to date, giving Market Participants access to data across all objects currently live on SMP.
4. BM/NBM Asset Alignment - Enhance SMP Asset alignment by applying the correct rules for BM and non-BM Units, preventing conflicting alignments.

Review Questions and seek clarification

Questions

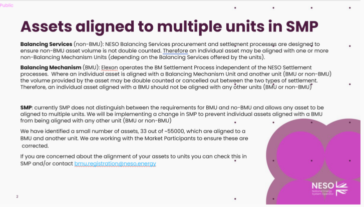
Feedback

3

BMU-NBMU Asset Alignment Rules

Latest insight

5 min



Public

Assets aligned to multiple units in SMP

Balancing Services (non-BMU): NESO Balancing Services procurement and settlement processes are designed to ensure non-BMU asset volume is not double counted. Therefore an individual asset may be aligned with one or more non-Balancing Mechanism Units (depending on the Balancing Services offered by the units).

Balancing Mechanism (BMU): Elexon operates the BM Settlement Process independent of the NESO Settlement processes. Where an individual asset is aligned with a Balancing Mechanism Unit and another unit (BMU or non-BMU) the volume provided by the asset may be double counted or cancelled out between the two types of settlement. Therefore, an individual asset aligned with a BMU should not be aligned with any other units (BMU or non-BMU)

SMP: currently SMP does not distinguish between the requirements for BMU and no-BMU and allows any asset to be aligned to multiple units. We will be implementing a change in SMP to prevent individual assets aligned with a BMU from being aligned with any other unit (BMU or non-BMU)

We have identified a small number of assets, 33 out of ~55000, which are aligned to a BMU and another unit. We are working with the Market Participants to ensure these are corrected.

If you are concerned about the alignment of your assets to units you can check this in SMP and/or contact bmu.registration@neso.energy

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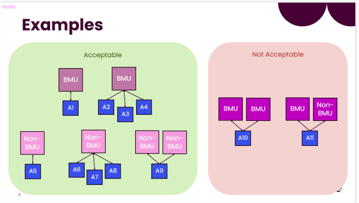

Public

Examples

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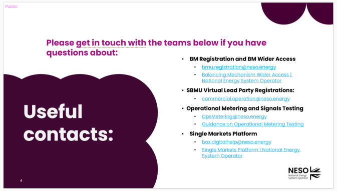

Public

Please get in touch with the teams below if you have questions about:

Useful contacts:

- **BM Registration and BM Wider Access**
  - bmu.registration@neso.energy
  - Balancing Mechanism Wider Access | National Energy System Operator
- **SBMU Virtual Lead Party Registrations:**
  - commercial.operation@neso.energy
- **Operational Metering and Signals Testing**
  - OpsMetering@neso.energy
  - Guidance on Operational Metering Testing
- **Single Markets Platform**
  - box.digitalhelp@neso.energy
  - Single Markets Platform | National Energy System Operator

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Review Questions and seek clarification

Questions

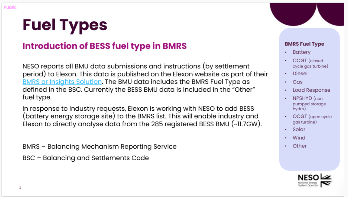
Feedback

4

Addition of BESS Fuel Type

Latest Insight

3 min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Fuel Types

Introduction of BESS fuel type in BMRS

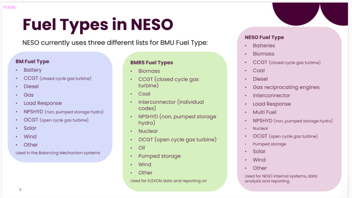
NESO reports all BMU data submissions and instructions (by settlement period) to Elexon. This data is published on the Elexon website as part of their BMRS or Insights Solution. The BMU data includes the BMRS Fuel Type as defined in the BSC. Currently the BESS BMU data is included in the "Other" fuel type.

In response to industry requests, Elexon is working with NESO to add BESS (battery energy storage site) to the BMRS list. This will enable industry and Elexon to directly analyse data from the 285 registered BESS BMU (~11.7GW).

BMRS – Balancing Mechanism Reporting Service

BSC – Balancing and Settlements Code

BMRS Fuel Type
- Battery
- CCGT (closed cycle gas turbine)
- Diesel
- Gas
- Load Response
- NPSHYD (non, pumped storage hydro)
- OCGT (open cycle gas turbine)
- Solar
- Wind
- Other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Fuel Types in NESO

NESO currently uses three different lists for BMU Fuel Type:

BM Fuel Type
- Battery
- CCGT (closed cycle gas turbine)
- Diesel
- Gas
- Load Response
- NPSHYD (non, pumped storage hydro)
- OCGT (open cycle gas turbine)
- Solar
- Wind
- Other

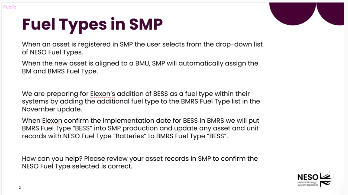
Used in the Balancing Mechanism systems

BMRS Fuel Types
- Biomass
- CCGT (closed cycle gas turbine)
- Coal
- Interconnector (individual codes)
- NPSHYD (non, pumped storage hydro)
- Nuclear
- OCGT (open cycle gas turbine)
- Oil
- Pumped storage
- Wind
- Other

Used for ELEXON data and reporting on

NESO Fuel Type
- Batteries
- Biomass
- CCGT (closed cycle gas turbine)
- Coal
- Diesel
- Gas reciprocating engines
- Interconnector
- Load Response
- Multi Fuel
- NPSHYD (non, pumped storage hydro)
- Nuclear
- OCGT (open cycle gas turbine)
- Pumped storage
- Solar
- Wind
- Other

Used for NESO internal systems, data analysis and reporting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Fuel Types in SMP

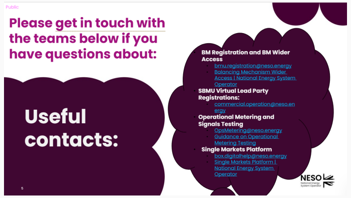
When an asset is registered in SMP the user selects from the drop-down list of NESO Fuel Types.

When the new asset is aligned to a BMU, SMP will automatically assign the BM and BMRS Fuel Type.

We are preparing for Elexon's addition of BESS as a fuel type within their systems by adding the additional fuel type to the BMRS Fuel Type list in the November update.

When Elexon confirm the implementation date for BESS in BMRS we will put BMRS Fuel Type "BESS" into SMP production and update any asset and unit records with NESO Fuel Type "Batteries" to BMRS Fuel Type "BESS".

How can you help? Please review your asset records in SMP to confirm the NESO Fuel Type selected is correct.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Review Questions and seek clarification

Questions

Feedback

5

SMP Intuitive Guidance Demo (Unit Registration)

Opportunity to provide feedback

5 min

Provides intuitive, contextual guidance for Unit Registration forms, helping u
validation rules and regulatory requirements to reduce errors and rework.

Review Questions and seek clarification

Questions

users understand field requirements, accepted values, formats,

Feedback

6

AI Assistant Demo

Opportunity to provide feedback

⏱ 2 min

SMP AI Assistant provides intuitive, AI-powered guidance, helping portal users quickly find accurate answers, understand SMP processes, and navigate the platform using approved knowledge sources.

Review Questions and seek clarification

Questions

Feedback

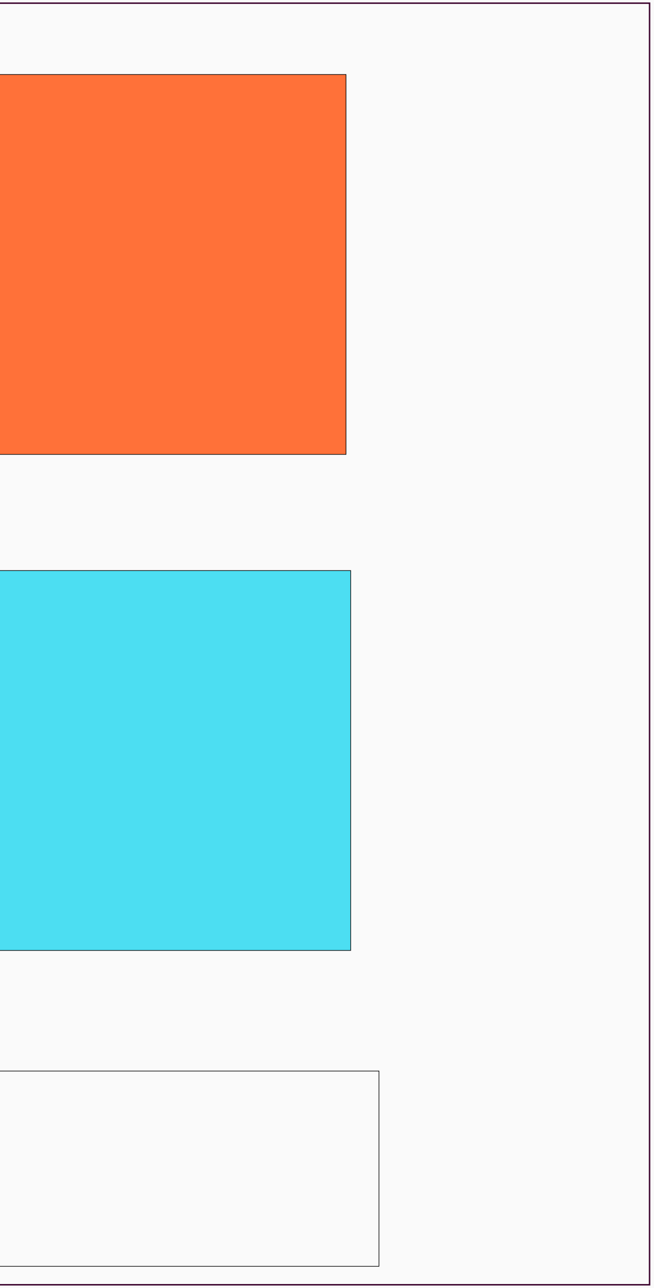
7

Feedback

Opportunity to provide instant feedback

Please post what we did well:

Please post what we could do better:

Actions