

25/07/25

# Future Power Markets Design Authority Update

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# Future Power Markets Design Authority

The Future Power Markets team is focused on how the ambition of up to 80% renewable energy share in electricity (RES-E) will be facilitated through the market.

The team's work spans across a number of core project areas, including:

- Future Arrangements for System Services (FASS)
- Scheduling and Dispatch Programme (SDP)
- Strategic Markets Programme (SMP)
- SEMOpx Projects: MATS and DAM 30Min MTU

Additional workstreams include:

- Long Duration Energy Storage (LDES)
- Energy Market Policy (EMP)



# Future Arrangements for System Services

The design and implementation of Future Arrangements for System Services (FASS) includes:

- “To deliver a competitive framework for the procurement of System Services, that ensures secure operation of the electricity system with higher levels of non-synchronous generation”, in line with the Single Electricity Market Committee (SEMC) request
- The implementation of a Day Ahead System Service Auction (daily auction/DASSA), Layered Procurement Framework and Fixed Term Contracts
- The creation of a System Services market code and updates to relevant codes and licenses.

- The Industry webinar on the DASSA Parameters and Scalars Consultation was held on the 9<sup>th</sup> of July. Webinar slides ([EirGrid](#), [SONI](#)) with Q&A ([EirGrid](#), [SONI](#)) from the session are published on the TSOs’ websites. The consultation period is currently open for 7-weeks until 25<sup>th</sup> July.
- The SEMC published a decision paper approving the DS3 SS Tariffs to FASS - “The Gap” - TSOs Paper on the 23<sup>rd</sup> June.
- The System Services Code workstream published the Plain English Version 2 of the code on the 27<sup>th</sup> June as per PIR V3.0. EirGrid & SONI Working Group meetings will resume after the summer following the publication of SEMC decisions.
- A draft of the Non-Reserve Services Consultation paper has been submitted to the RAs for review.
- The DASSA Top-Up Mechanism Recommendations paper is being drafted. It is anticipated that the corresponding SEMC decision will be published in August 2025.
- The TSOs published the next iteration of the Phased Implementation Roadmap (PIR V3.0) and it is available at the following links: [EirGrid](#) & [SONI](#). It offers additional clarity on the timings of upcoming TSO Consultations, TSO Recommendations and SEMC Decisions. PIR V3.0 highlights the new FAASS go-live date as May 2027.

## FASS: DASSA Parameters & Scalars

Consultation Paper

9 June 2025



# Scheduling and Dispatch Programme

The Scheduling and Dispatch programme aims to:

- To enhance the scheduling and dispatch systems and processes in Ireland and Northern Ireland
- To bring about compliance with the Clean Energy Package (CEP) and the treatment of variable Non-Priority Dispatch Renewables (NPDR)
- Facilitate low/zero carbon grid technologies such as Batteries, Synchronous Condensers in support of the broader goals of renewables and System Non-Synchronous Penetration (SNSP) penetration targets.

## Overall Status

- Programme is progressing test execution and detailed planning activity to support the go-live of SDP-02 and SDP-04 in Nov-25. The programme is assessing the delivery schedule of SDP-01 (NPDR) and Tranche 2 initiatives. RAs and SEMC assessment of Mod\_13\_23 Treatment of NPDRs is continuing.

## SDP-02 Energy Storage Power Stations System / SDP-04 Wind Dispatch Improvements

- Programme targeting go-live of SDP-02 ESPS and SDP-04 WDI initiatives for Nov-25. Programme is progressing test execution and detailed planning activity to support the go-live of SDP-02 and SDP-04 in Nov-25 with the aim of sharing exact delivery dates with market participants.
- SDP-02 ESPS Participant Interface Testing (PIT) will reopen in September with ESPS solution operational document to be shared with market participants. ESPS Grid Code mods MPID318 / SPID-03-2024 have been approved by CRU and UR respectively.
- Further information on SDP\_04 WDI initiative will be developed by SDP Programme and shared with market participants.

## SDP-01/04 Non-Priority Dispatch Renewables

- RAs and SEMC are assessing Mod\_13\_23 Treatment of NPDRs and SEM-24-044 Definition of Curtailment, Constraint and Energy Balancing related to SEM-13-011. The programme is assessing the delivery schedule of SDP-01 (NPDR).
- Meeting held with RAs to review the NPDR unit identification analysis and findings. Programme to complete additional QA of NPDR findings before engaging market participant to communicate NPDR findings.

## SDP Tranche 2

- The TSOs and RAs are working on progressing T&SC modification Mod\_01\_25 related to SDP-06 Synchronous Condensers for presentation to the SEMC. The programme is assessing the delivery schedule for Tranche 2.



# Strategic Markets Programme

The Strategic Markets Programme (SMP) has been established by EirGrid and SONI to ensure that the necessary systems and processes are in place to deliver the following 3 pillars:

- **Full EU Integration:** Markets and Operational Systems to be compatible with European standards, including re-coupling the day-ahead market, intraday markets and re-introduction of Financial Transmission Rights
- **Post-Brexit Trading Arrangements:** Delivery of proposed changes to create new arrangements between GB and EU.
- **Balancing Market Reform:** Changes to the balancing market to enable flexible technology.

EirGrid can confirm that there has been a delay to the Celtic Interconnector operational go-live due to adjustments in the subsea marine cable manufacturing. The expected commissioning date of Celtic Interconnector is spring 2028.

*A replanning exercise is already fully underway and will be presented to RAs at the end of July.*



## EU Integration:

- EU Re-integration requires that EirGrid and SONI adhere to EU and Regional rules - referred to as methodologies (TCMs). Discussions are underway with EU TSOs regarding adhering or in some cases amending the existing rules to accommodate integration of SEM-FR border.
- EirGrid has moved from detail requirement gathering to the next phase 'vendor engagement' where we discuss our design requirement with our vendors.

## Balancing Market Reform:

- Detailed Design for MNA is underway with system vendors.
- To progress EirGrid and SONI full membership of MARI SC, review of MARI legal agreements is commencing.

## Post-Brexit Arrangements:

- The Common Understanding document from the EU-UK Summit on May 19th states that both parties should explore UK's(GB's) possible participating the EU internal electricity market.
- The Specialised Committee on Energy (SCE) meeting that took place on June 18th unfortunately did not provide further clarity on MRLVC however, the draft MRLVC report being written by EU and GB TSOs is due to be sent to National Regulatory Authorities in July. This final version of this report will be sent to the SCE in October/November this year.



# SEMOpX Projects

The DAM 30Min Market Time Unit (MTU) Project in the SEM aims to:

- Ensure SEM ex-ante market trading can be performed in the same trading period duration as the imbalance settlement period
- Bring SEM trading in line with requirements set out in the Clean Energy Package
- Increase liquidity and more efficient trading for Market Participants

The Multiple Auction Trading System (MATs) Project aims to:

- Implement a trading system capable of adapting to new and complex products introduced in SDAC and SIDC
- Allow for scalability and more flexibility within the order options available to users

## DAM 30Min MTU:

- SDAC Joint Member Testing with Market Participants from 8th Sept - 11th Sept 2025, as detailed in the [SDAC 15 min MTU Joint Member Test information package](#)
- Go-live date: 30th September 2025 (for delivery date 1st October 2025)



## MATs:

- 3rd major release, with the inclusion of Trading Limits, Delete all and Submit multi-delivery days functionalities, completed in Simulation 1 Environment on 17th July 2025
- New member testing scenarios scheduled in July 2025 in MATs DAM60' and IDAs Simulation 1 Environment
- Set-up/registration freeze in ETS and MATs confirmed from 7th Aug - 4th Sep 2025, in preparation for go-live
- MATs certificates process (mandatory action) and API conformance testing ongoing, in preparation for go-live
- Go-live date: 28th August 2025 (first auction date)

## SEMOpX:

- Market Participant feedback on [SEMOpX Product Consultation](#) due 15th August 2025





# Additional Market Developments

## Long Duration Energy Storage

- Drafting of the LDES Procurement Mechanism consultation continues internally
- Engagement with CRU continues throughout the drafting process
- Consultation expected to be published by end of September

## Energy Market Policy

- The EU is conducting a review of the Capacity Allocation and Congestion Management (CACM) and System Operations (SOG) Guidelines. The EMP team is currently working with key stakeholders to analyse the implications of the work.
- We welcome the opportunity to engage, the general intention to clarify the treatment of third countries and that market results are deemed to be a public good. However, as the proposals have consequences for the SEM-GB border we are adopting a cautious approach while discussions are ongoing between the EU and UK.
- We are seeking clarification on a number of CACM and SOGL articles through our membership of ENTSO-E and other channels. We will continue to address these points through our Future Power Markets Workshops.

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If you require further information on what has been published in this update, please email:

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