

27/06/25

# 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 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 FASS go-live date as May 2027.
- The DASSA Parameters and Scalars Consultation Paper was published on the 9<sup>th</sup> of June and is available at the following links: [EirGrid](#) & [SONI](#). The consultation period will be open for 7 weeks, closing on Friday 25<sup>th</sup> July.
- The DS3 SS Tariffs to FASS - “The Gap” - TSOs' Recommendation Paper has been submitted to the RAs. It is anticipated that the corresponding SEMC decision will be published in June 2025.
- The System Services Code workstream will publish the Plain English Version 2 of the code by end of June as per PIR V3.0. 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 TSOs aim to publish this consultation paper by the end of June.
- The DASSA Top-Up Mechanism Recommendations paper is being drafted.

Key TSO open consultations: DASSA Parameters & Scalars Consultation Paper

## 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.

The Scheduling and Dispatch Programme (SDP) is composed of six initiatives, split into two tranches

Tranche 1:

- SDP-01 Operation of Non-Priority Dispatch Renewables (NPDR)
- SDP-02 Energy Storage Power Station (ESPS) integration
- SDP-04 Wind dispatchability improvements (WDI)

Tranche 2:

- SDP-03 Fast Frequency Response (FFR)
- SDP-05 Reserve services scheduling and dispatch
- SDP-06 Synchronous condenser scheduling and dispatch

## Overall Status

- As part of the programme's "ESPS Confirm Go Live Decision" readiness assessment it was decided that SDP-02 ESPS progression through test did not meet the readiness criteria for a 17-Jun-25 go live. The programme is currently undergoing an impact assessment of this delay with Go live of SDP-02 ESPS and SDP-04 WDI now targeted for Nov-25. RAs and SEMC assessment of Mod\_13\_23 Treatment of NPDRs is continuing.

## SDP-02 Energy Storage Power Stations System

- ESPS Grid Code mods MPID318 / SPID-03-2024 have been approved with the Commission for Regulation of Utilities and Utilities Regulator, respectively.

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

- Regulatory Authority's (RA) and Single Energy Market Committee's (SEMC) assessment of Mod\_13\_23 Treatment of NPDRs and SEM-24-044 Definition of Curtailment, Constraint and Energy Balancing related to SEM-13-011 is continuing.
- SDP Programme analysis on the units that will be designated as Non-Priority Dispatch Renewables (NPDR) is complete and a review of the details is scheduled with the RAs in Jul-25. Following programme and RAs agreement the details will then be shared with industry.

## SDP Tranche 2

- The TSO and RAs are working on preparing TS&C 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 as part of overall programme planning.

# 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.



**SMP Planning:** For the purposes of planning and delivery, the scope of SMP will be delivered in a minimum of two releases, Release 1 and Release 2. The majority of the EU Integration and some BMR items will be delivered to align to the Go-Live of the Celtic Interconnector. Balancing Market Reform, Post-Brexit Arrangements and some EU Integration items will be delivered post-Celtic as part of a separate release timeline. FTRs/SDAC/SIDC are being delivered under Release 1.

## 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.
- Detailed Requirements for EU Integration under development - requiring changes to market rules and schedules, operating processes and system scheduling.

## Balancing Market Reform:

- Assessment for potential mods for T&SC and Grid Codes ongoing with respect to DCU, MARI and MNA.
- MARI Steering Committee approved progression of full membership for EirGrid and SONI at meeting on June 4<sup>th</sup>, 2025.
- Draft methodology for MARI bid conversion finalising internal review.

## Post-Brexit Arrangements:

- The *Common Understanding* document from the EU-UK Summit on May 19<sup>th</sup> states that both parties should explore UK's(GB's) possible participating the EU internal electricity market.
- The SCE (Specialised Committee on Energy) met on 18<sup>th</sup> June to discuss the draft MRLVC report which is due to be finalised towards the end of the 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:

- Additional one week of SDAC Joint Member Testing with Market Participants planned for the first half of September 2025
- Go-live date: 30<sup>th</sup> September 2025 (for delivery date 1<sup>st</sup> October 2025)

## MATS:

- Additional member testing scenarios scheduled in June 2025 in MATS DAM60' and IDAs Simulation 1 Environment
- MATS certificates process and API conformance testing ongoing, in preparation for go-live
- Next release in MATS planned for 30<sup>th</sup> June 2025 (includes Trading Limits)
- MATS Simulation 2 environment updated to include all auctions with auctions running every day to allow for testing DAM30'
- Next MATS GoTo Webinar #8 on 3<sup>rd</sup> July 2025
- Go-live date: 28<sup>th</sup> August 2025 (first auction date).

## SEMOpX:

- SEMOpX Product Consultation published on 19th June 2025 ([link here](#))



# Additional Market Developments

## Long Duration Energy Storage

### Key Updates

- Ongoing engagement with the CRU
- Ongoing work on the procurement mechanism consultation, with a need to add further detail
- Additional information now will help the process and benefit industry in the long-run

## Energy Market Policy

### Key Updates

- Working with DCEE to understand the implications for SEM of CACM2.0 sections which have been made available to TSOs
- Actively leading the EU TSO engagement with the Specialized Committee on Energy (SCE) on Post-Brexit Arrangements
- Supporting CRU/UR on developing the concept of a Multi-Year Plan for markets as discussed during the April 11th Market Participant workshop



# Contact Information

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