

31/10/25

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)

Additional workstreams include:

SEMOpX Projects: MATS and DAM 30Min MTU

Long Duration Energy Storage (LDES)

Energy Market Policy (EMP)

Carbon Border Adjustment Mechanism



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 DASSA Parameters & Scalars Recommendations Paper has been submitted to the Regulatory Authorities (RAs) for consideration at the October SEMC sitting.
 - The SEMC published a [decision paper](#) approving the DASSA Top-Up Mechanism on 1st October 2025.
 - The Non-Reserves Consultation Paper has been drafted and shared with the RAs. Engagement and review by the Transmission System Operators (TSOs) and RAs are ongoing. Alignment between the RAs and TSOs on the proposed direction is required to progress implementation activities.
 - Clarification webinar with JGCRP members will be held by the TSOs on 23rd October detailing the purpose and intent of the System Services Code. SS Code Working Group meetings will resume shortly.
 - The TSOs are progressing the IT vendor design.
 - The TSOs are going out to tender for a third party to provide credit management services for the FASS secondary market.



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.

SDP-02 Energy Storage Power Stations (ESPS)

- SDP-02 (ESPS) go-live is scheduled for 11-Nov-25. System test activity is complete in line with delivery plan in advance of the commencement of cutover preparation activity.
- SDP-02 Participant Interface Testing (PIT) is complete in line with the delivery guide.
- SDP-02 cutover guide published and SDP-02 Market Participant information session held on 02/10.
- Programme is engaging with RAs to finalise the 'Overview of SDP Solution for Battery Units V2.0' document in advance of sharing with market participants.

SDP-04 Wind Dispatch Improvements (WDI)

- Programme targeting go-live of SDP-04 (WDI) on 26-Nov-25. Programme is progressing test execution in line with delivery plan.
- Programme is engaging with the RAs on the SDP-04 market participant guide in advance of sharing with market participants.
- Market participants are not required to take any action to support SDP-04 go-live.

SDP-01 Non-Priority Dispatch Renewables (NPDR)

- 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.
- A comprehensive planning activity will be required following a decision from the RAs on Mod 13_23. The timeline will reflect the time required to progress a broad range of activities to take place before the go-live, including market participant engagement, support and readiness activity.
- The TSOs estimate they will need a minimum of 6 months to complete these activities to be confirmed during the planning activity.

SDP Tranche 2 Initiatives

- 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:

- EU Integration
- Post-Brexit Trading Arrangements and,
- Balancing Market Reform (BMR)

SMP team made the following statement regarding Celtic Interconnector's cable delay

- Adjustments have been required to the subsea marine cable manufacturing programme for the Celtic Interconnector project, and the commissioning date is now expected for Q2 2028. SMP is under a replanning exercise.



SMP Programme Scope and Replanning Update

The Strategic Markets Programme (SMP) scope has been split into two main releases:

- Release 1: Scope items required to support the Celtic Interconnector and EU Integration.
- Release 2 / 2+: All remaining scope items not essential for the Celtic Interconnector go-live.

Key Considerations for SMP Replanning

- External Dependencies and Coordination; Programme Constraints; Internal Readiness and Financial Review

The replanning exercise will follow a staged approach, including:

- Alignment with RTE
- Agreement with Regulatory Authorities (RAs)
- Engagement with EU stakeholders

EU Integration

- There are four sub-projects under this pillar; FTRs (Financial Transmission Rights), SDAC/SIDC (Single Day Ahead Coupling/Single Intraday Coupling), Core Region Integration and Coreso (Coordination of Electricity System Operators).
- Ongoing engagement with EU stakeholders on aspects such as Central Europe parallel run, Core Capacity Calculation Tool configurations.
- SDAC SIDC design details validation ongoing.
- SMP team presented on post-Celtic Future Day auctions and FTRs in FPM Project Exhibition.

Balancing Market Reform

- MARI accession is progressing. Impact of Celtic cable delay on full membership being assessed.
- DCU design discussions are continuing with vendors. Workshops held with TSOs, DSOs and RAs on approach.
- MNA implementation progressing

Post Brexit Trading Arrangements

- MRLVC Report to SCE finalised, awaiting outcomes from SCE (Specialised Committee on Energy) meeting to be held in November 2025.
- Currently considering Oct 22nd letter from RAs to determine next steps for workstream.
- CACM 2.0 analysis and internal training planned.

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

DAM 30Min MTU:

- DAM 30Min MTU in the SEM went live on the 30th September 2025 (for delivery date 1st October 2025).
- SDAC NEMOs and TSOs confirmed that the rollback monitoring period successfully ended on 6th October 2025, without trigger of a rollback.
- This project was successfully implemented as part of the Single Day-Ahead Coupling (SDAC) 15-Minute MTU Programme, which was a collaborative NEMO and TSO programme implemented across all European bidding zones and bidding zone borders .
- Market Coupling Steering Committee (MCSC) published the press release [\[link here\]](#) on the 7th October 2025.

Additional Market Developments

Energy Market Policy

The Energy Market Policy team is responsible for the development, co-ordination and communication of positions regarding all aspects of market policy. The team works closely with key stakeholders at EU and national level to analyse the impact of key regulatory and legislative changes on SEM.

- EirGrid has submitted further detailed comments on the draft CACM 2.0 guideline to the Department of Climate, Energy and the Environment (DCEE) ahead of the Energy Council meeting held on October 20th. This meeting was the latest to discuss draft versions of CACM2.0. The meeting was postponed due to the volume of feedback to the last draft. The comitology process is still expected to take several months, and finalisation of CACM 2.0 may now extend into 2026, later than originally planned. It is likely that there will be another meeting in November but there is no exact date yet.
- EirGrid is a lead author of the Multi-Regional Loose Volume Coupling (MRLVC) Report, which has undergone review by Regulatory Authorities. The report has completed the approval by the ENTSO-E Market Committee and will now be sent to the Specialised Committee on Energy (SCE) meeting on November 7th 2025.
- EirGrid and SONI are continuing to engage with the Regulatory Authorities ahead of an industry workshop focused on developing a Multi-Year Plan for markets. This plan will include significant programmes for Flexibility Markets, EU and GB Market Policy Inputs, Capacity Markets and TSO-DSO Market Changes. The industry workshop was originally planned for late September but was rescheduled by the RAs with the date to be advised.



Additional Market Developments

Long Duration Energy Storage

The TSO has responsibilities under Action 6 of DCEE's Electricity Policy Storage Framework (ESPF) in progressing an immediate procurement of LDES services. The TSO is currently focused on establishing a design of a procurement mechanism to procure services from LDES assets and will consult on this through two consultations; a Procurement Mechanism consultation and a Contractual Arrangements consultation.

- The LDES Procurement Mechanism Consultation (linked [here](#)) was published on the 13th of October and is currently live on the EirGrid consultation portal, the consultation will be open until the 24th of November
- EirGrid will be hosting a webinar during the consultation period on the 5th of November, participants who wish to attend can register via this [link](#)
- For any further queries relating to LDES, please reach out to LDES@Eirgrid.com

Additional Market Developments

Carbon Border Adjustment Mechanism

The Carbon Border Adjustment Mechanism (CBAM) is a key environmental policy initiative by the European Union aimed at addressing the issue of carbon leakage. CBAM looks to ensure that imported goods into the EU (including electricity) bear a carbon cost equivalent to that faced by EU producers under the EU Emissions Trading System (ETS). The legal basis for CBAM is Regulation (EU) 2023/956, complemented by Implementing Regulation (EU) 2023/1773 and amending Regulation (EU) 2025/2083.

- UPDATE 21/10/2025: [Amendments](#) to CBAM legislation have been approved and published by the European Commission. The amendments will include allowance for UK ETS costs already paid on electricity imports [Article 9 amendments under Regulation (EU) 2025/2083]. This will reduce CBAM financial obligations on electricity imports.
- CBAM financial obligations are due to take effect from 1st January 2026
- Revenue have advised that EIDAC as the interconnector owner is the “importer” on EWIC and therefore EIDAC is responsible for CBAM on EWIC.
- EIDAC will register for CBAM and meet CBAM obligations.
- EIDAC are engaged with CRU on cost recovery under its regulatory framework.
- No changes are planned to the IDA1 or IDA2 coupled markets to account for CBAM, as Revenue have specified the CBAM obligations are an Interconnector Owner responsibility.
- Other SEM-GB interconnectors will need to separately confirm their arrangements for CBAM.



Upcoming Events

November Events

Indicative Date	Event/Milestone
5 th November 2025	LDES (Long Duration Energy Storage) Consultation Webinar - Online (MS Teams)
11 th November 2025	SDP-02 ESPS (Energy Storage Power Station) Go-Live
19 th November 2025	FPM (Future Power Markets) Workshop - Online (MS Teams)
26 th November 2025	SDP-04 WDI (Wind Dispatchability Improvements) Go-Live



Workshop Preview and Early Appreciation

The Future Power Markets team looks forward to welcoming industry participants to the upcoming FPM Workshop on 19th November 2025. Your continued engagement is vital in shaping the future of our electricity markets. Thank you in advance for your participation and insights.



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Ní ghlacann EirGrid (mar Oibreoir Córais Tarchurtha d'Éirinn), SONI (mar Oibreoir Córais Tarchurtha dTuaisceart Éireann) ná SEMO (mar Oibreoir Margaidh Leictreachais Aonair d'Éirinn agus dTuaisceart Éireann) aon fhreagracht as aon neamhréireachtaí, earráidí ná easnaimh sa tuarascáil seo, agus diúltaíonn siad go hiomlán, a mhéid is ceadaithe faoin dlí, aon dliteanas as aon chaillteanas nó damáiste a eascraíonn as úsáid na tuarascála seo nó as brath ar an bhfaisnéis atá inti. Tá aon ghníomhartha a dhéantar bunaithe ar an tuarascáil seo agus ar an bhfaisnéis atá inti á ndéanamh ar riosca agus rogha an úsáideora amháin, agus moltar do pháirtithe tuairim ar leith agus neamhspleách a lorg maidir leis na nithe atá clúdaithe sa tuarascáil seo.