

25/04/25

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:

- 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 Top-Up Mechanism (i.e. the FAM Alternative) Consultation was held on 16th April. Webinar slides with Q&A from the session are published on the TSOs’ websites. The consultation period is currently open for 6-weeks until 2nd May.
- Drafting of the DS3 SS Tariffs to FASS - “The Gap” - Recommendation Paper is underway, with the final paper expected to be submitted to the RAs by the end of April. It is anticipated that the SEMC decision will be published in May, subject to confirmation in PIR V3.0.
- The next System Services Code Working Group Session will be held on 28th April. Dependency on timely SEMC decisions to maintain momentum.
- Drafting of the Non-Reserve Services Consultation paper is underway. RA/TSO engagement on design considerations in progress, This is delayed against baseline PIR.
- Drafting of the Parameters and Scalars Consultation Paper is in progress, with the final paper expected to be submitted to the RAs by the end of April.
- Drafting of FASS Programme PIR 3.0 is in progress, with expected publication by May.

Key TSO open consultations: DASSA Top-Up Mechanism Consultation Paper.

FASS: DASSA Top-Up Mechanism

Consultation Document

24 March 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.

- TS&C modification Mod_01_25 V3 related to SDP-06 Synchronous Condensers was approved at the Mod Committee meeting 128 on 9th April.
- Discussions ongoing with RAs on Mod_13_23 Treatment of NPDRs and SEM-24-044 Definition of Curtailment, Constraint and Energy Balancing related to SEM-13-011.
- Vendor System Build and Test Complete is complete for Tranche 1. On site System Test is in progress.
- Cutover planning for SDP-02 Energy Storage Power Stations is in progress. Participants with Energy Storage Power Stations will be contacted shortly regarding Participant Interface Test and cutover activities.

Strategic Markets Programme

SMP has a wide scope, a significant portion of which are changes required for Celtic Interconnector Go-Live and enabling increased flexible technology incorporating:

- **Full EU Integration:** The Celtic Interconnector, that is due to go-live in Q4 2026, requires the SEM Markets and Operational Systems to be compatible with European standards, which includes re-coupling the day-ahead market but also new arrangements for coupled intraday markets and participation on the EU balancing platform
- **Post-Brexit Trading Arrangements:** Changes to the trading of electricity between the SEM and GB to increase market efficiency
- **Balancing Market Reform:** Changes to the balancing market to enable flexible technology.

➤ SMP is continuing to progress 'Detailed Requirements' to keep programme plan on track

➤ **EU Integration:**

- EU Re-integration requires the EirGrid/SONI to adhere to EU & Regional rules which are 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;
- Current Celtic Interconnector go-live is planned for Q4 2026, and integration with EU markets will need to be in place for this date.

➤ **Balancing Market Reform:**

- Detailed requirements for Balancing Market Reform initiatives are under review and moving to the next phase, these are also currently under assessment for code and system changes required and put into project delivery plans. Detailed requirements for DCU and MNA is completed. The team continues to engage with industry stakeholders to put the market arrangements in place.



Additional Market Developments

Long Duration Energy Storage

Work is continuing on the LDES procurement consultation, including ongoing engagement with CRU.

Consultation publication is expected Q2 2025.

Energy Market Policy

The CACM2.0 guideline has been delayed further but is due to be published in the near future however, a confirmed date is not available.

Elsewhere a number of interesting reports have been published including a [report on network tariff practices in Europe](#) which was published recently by ACER the Agency for Cooperation of Energy Regulators. This is being published in a context where the EU Commission is focusing on making electricity prices more affordable.

ENTSO-E has also released its [report](#) on European Resource Adequacy Assessment ERAA 2024. This is a pan-European assessment of resource adequacy up to 10 years ahead.

Contact Information

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

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