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Future Power Markets Design Authority Update

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Future Power Markets Design Authority

The Future Power Markets Design Authority 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.

➤ System Services Charge Recommendation Paper was finalised and shared with RAs on 29th November. The SEMC Decision is expected by the end of February, a delay of one month against PIR schedule.

➤ The updated Volume Forecasting and Methodology Recommendations Paper was submitted to RAs on 30th January, with RA TSO Workshop held early February. The SEMC Decision is expected in February per PIR schedule.

➤ The DS3 System Services Tariffs to FASS (‘The Gap’) Consultation Paper was published on 11th February and is available at the following links: [EirGrid](#) and [SONI](#). The consultation period will be open for 6-weeks until 25th March.

➤ The DASSA RAD mechanism (‘Residual Availability Determination’, i.e. the FAM Alternative) Consultation Paper was shared with RAs on 29th January. RA feedback is pending prior to publication to industry.

➤ The first draft of the Plain English Version of System Services Code Development, along with a cover note was published on 31st January and is available at the following links: [EirGrid](#) and [SONI](#). The next Working Group Meeting will take place on 12th March and will focus on Agreed Procedures.

➤ Development of Parameters and Scalars proposals and drafting of the Consultation Paper are in progress.

DS3 System Services Tariffs to FASS (‘The Gap’) Consultation Paper and System Services Code Development Plain English Version

Future Arrangements for System Services

DS3 System Services Tariffs to FASS (‘The Gap’) Consultation Paper

January 2025



System Services Code Development

Plain English

Version 0.4

System Services Code Development

Page 1 of 60



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.

- Mod_13_23 Treatment of NPDRs and SEM 22-044 Definition of Curtailment, Constraint and Energy Balancing are required for the delivery of Tranche 1 initiatives SDP-01 NPDR and SDP-04 Wind Dispatch improvements. We expect that Mod_13_23 Treatment of NPDRs (SDP_01 NPDR) and SEM-24-044 Definition of Curtailment, Constraint and Energy Balancing related to SEM-13-011 (SDP_04 WDI) will be included on the agenda for SEMC meeting in March.
- The final Tranche 1 system vendor test is progressing along revised plan and is on track to complete in March 2025.
- The NPDR unit identification approach is well progressed, and the Programme will present details of this once the SEMC decision on Mod_13_23 has been issued.
- The TS&C modification related to Tranche 2 SDP-06 Synchronous Condensers was presented to the MOD Committee at Committee meeting 127. A follow-on workshop is scheduled with committee members for the last week in February and the Programme is targeting presenting the modification for a vote at Committee meeting 127b in mid-March.
- System design for Tranche 2 is continuing with the Programme's system vendors.

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.

➤ EU Integration:

- 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. During February Industry Workshop EirGrid presented on its progress towards integration of SEM into Core CCR, following the energization of the Celtic Interconnector.

➤ Balancing Market Reform Updates:

- 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. The team continues to engage with industry stakeholders to put the market arrangements in place.



Additional Market Developments

Long Duration Energy Storage

LDES Procurement Consultation

- Published LDES procurement timeline in January's Stakeholder Engagement workshop (21st January).
- Pursuing draft procurement consultation, with CRU providing ongoing feedback. Intention for consultation publication by the end of March.

Energy Market Policy

Capacity Allocation and Congestion Management 2.0 (CACM 2.0)

We await the forthcoming publication of CACM 2.0 by the European Commission (EC). The process of amending CACM began back in 2020 with the EC inviting ACER to prepare reasoned amendments to the Guideline. ACER's Recommendation 02/2021 is available [here](#).



Contact Information

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