

Future Power Markets

Stakeholder Engagement

Industry Workshop: 22nd July 2025

Conference Centre @ EirGrid, The Oval,
Ballsbridge

This presentation provides an update on the Future Power Markets Programmes.



Future Power Markets - Industry Workshop

Why Are We Here?



Inform

We are here to provide information about the ongoing programmes of work in the Future Power Markets space and the impact on the market participant community. We will provide a view of the programmes’ drivers, functional details, structure, timelines, and stakeholder engagement.



Discuss

We will discuss the changes and how this impacts you and your portfolio. We will discuss the functional, technical, and formal arrangement changes, stakeholder engagement, and programme management updates. We are happy to field all questions - however we may not be able to answer all of them today.



Listen

We are here to listen. What are your thoughts on the FPM programmes, the functional, technical, and regulatory details and the impacts to your business? What questions do you need answers to? What clarity do you need?



Ask

We will ask for your participation throughout - we are better together.

Improving Our Engagement: Slido Q&A

- Please ask your questions as early as possible. Our teams may need time to provide a full answer.
- Please provide your name and organisation.
- The FPM workshop is not the place to challenge the actions of individual parties (other than EirGrid/SONI), and we will not comment on these challenges. This type of concern can be reported to the Market Monitoring team at: marketmonitoring@eirgrid.com
- Questions will be answered in the upvoted order whenever possible. We will take questions from further down the list when: the answer is not ready; we need to take the question away or the topic is outside of the scope of the FPM.
- Sli.do will remain open after the meeting ends, even when the call closes earlier, to provide the maximum opportunity for you to ask questions. After that please use the email options below.
- Please ask questions using the Slido found at the QR code:

Ask questions anytime whether for inclusion in the forum or individual response at:

FuturePowerMarkets@Eirgrid.com

futurepowermarketsNI@soni.ltd.uk





Audience Q&A

① The Slido app must be installed on every computer you're presenting from

slido

FPM - Industry Workshop

Setting Expectations



Meeting Guidelines

1. Engage Fully:

- This session is for you!
- Actively listen and ask questions when appropriate.

2. Be Respectful:

- Don't interrupt or talk over others.
- Allow everyone the time and space to participate in the discussion.

3. Stay on Topic:

- Keep the discussion focused on Future Power Markets programme.
- Save unrelated questions or comments for follow-up.

4. Be Time-Aware:

- Questions are welcome but will be **time-limited**.



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Scheduling & Dispatch Programme (SDP)

General Programme Status Update

Scheduling and Dispatch - Programme Summary Status

■ As planned, no issues ↑ Improving
■ Minor - moderate concern → Steady
■ Significant issue / concern ↓ Worsening



SDP

Summary Status

Overall Status	→	<p>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.</p>
Schedule Tranche 1	→	<p>SDP-02 Energy Storage Power Stations (ESPS) / SDP-04 Wind Dispatch Improvements</p> <p>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.</p> <p>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.</p> <p>Further information on SDP_04 WDI initiative will be developed by SDP Programme and shared with market participants.</p> <p>SDP-01 Non-Priority Dispatch Renewables</p> <p>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).</p> <p>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.</p>
Schedule Tranche 2	→	<p>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.</p>
Resourcing	→	<p>TSO/MO Programme teams are fully staffed.</p>
Finances	→	<p>SEMC All-Island Programme sub-committee approved the full funding request for the S&D (phases 3-5) programme on 22nd March 2024.</p>



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Would you value a Future Power Markets Industry Workshop in August?

Yes - I would like a workshop in August



No - I would like to wait until September for the next workshop



Join at

slido.com

#2225 963

Future Arrangements for System Services (FASS)

FASS: Programme Summary Status

■ As planned, no issues

■ Minor - moderate concern

■ Significant issue / concern

⬆ Improving

➡ Steady

⬇ Worsening

FASS		Summary Status
Overall Status	➡	Overall programme status remains amber. SEMC Decision on ‘The Gap’ received, extending DS3 until DASSA Go-Live and closing the programme’s previously highest risk. However confirmation needed on final ‘Day One’ design and associated implementation activities.
Schedule	➡	SEMC Decision on ‘the Gap’ received, mitigating the highest risk to programme schedule. However, amber status remains due to the potential need to reallocate resources from FASS to the design of new arrangements.
Resourcing	⬇	Programme resourcing remains green, however resourcing challenges are emerging due to an increased effort in delivery of design papers which is requiring the TSOs to reallocate resourcing to meet changing priorities and schedule.
Finances	➡	Formal funding approval letter received from the RAs December 2024.

Workstream Updates	
Detailed Market Design	Schedule remains challenging due to multiple design activities ongoing. TSOs have worked with RAs to include increased optionality in consultations, however assessment ongoing on which options may be deliverable for DASSA go-live.
Detailed Operations Design	Non-reserve services’ product design, locational methodology and volume forecasting methodology ongoing. Alignment needed with RAs ASAP to progress implementation activities.
IT Systems Design	Vendor engagements progressing – auction vendor detailed design activities continue at pace, while workshops continue with downstream system vendors to support operational changes.
Regulation & Licencing	Grid Code review to align with the SEMC decision on the reserve product definitions ongoing, modifications to be drafted for submission to the September Joint Grid Code Review Panel.
SS Code Development	System Services Code Working Groups paused over summer months, to resume once key SEMC decisions are made (DASSA Top-Up Mechanism, Parameters & Scalars and Non-Reserves). Dependency on timely SEMC decisions to maintain momentum.

Status of Business Design Papers

As part of the FASS Programme there are a number of consultations and publications in progress. Phased Implementation Roadmap (PIR) V3.0 was published on the 5th of June following agreement with the RAs.

Open Design Activities	Status	Update
Residual Availability Determination (FAM Alternative)	Recommendations Paper In Progress	Recommendations Paper drafted. First draft of sent to RAs 16/07 for review. SEMC decision now expected in August.
Parameters & Scalars	Consultation in progress	TSOs published consultation paper 09/06, with consultation open until 25/07. Second industry workshop detailing worked examples held on 09/07. Workshop slides and Q&A now shared on the TSOs' websites.
Non - Reserve Services	Work in progress (TSOs)	Consultation Paper drafted and sent to RAs. Internal and RA reviews ongoing. RA-TSO alignment on direction of travel needed ASAP to progress implementation activities.
Closed Design Activities	Status	Update
DS3 SS Tariffs to FASS (The Gap)	Closed. SEMC Decision published	SEM-25-031 DS3 SS Tariffs to FASS "The Gap" Decision Paper was published together with the TSO's Recommendation Paper on 23/06.
Volume Forecasting Methodology (Reserves)	Closed. SEMC Decision published	SEM-25-011 DASSA Volume Forecasting Methodology (Reserves) Decision Paper was published along with the TSOs' VFM (Reserves) Recommendations Paper on 24/03. TSOs to publish further information on consequential losses as agreed 17/04.

Industry Readiness Survey Summary

The FASS Programme issued an Industry Readiness Survey to all customers and stakeholders via EirGrid and SONI mail notification on Monday 16th June with the survey closing on Friday 27th June. The TSOs received good engagement from industry with the main themes from feedback received highlighted below.



Organisational Engagement

- Majority of respondents confirmed that a **project lead for FASS activities** has been assigned, indicating an improvement on industry mobilisation since November 2024.
- All respondents noted that they expect the FASS Arrangements would have an 'extreme' or 'significant' **impact on their organisation**



Programme Understanding

- Most respondents anticipate **IT system changes**, while some remain uncertain.
- Only half of respondents understand the FASS **Programme timeline and schedule** as per the PIR



Comms. & Info Gaps

- Industry are 'somewhat' receiving the right information to **plan effectively** for FASS.
- Participants highlighted a need for:
- Greater transparency & earlier visibility of **design decisions**, incl. for non-reserves
 - **Clearer IT interface, realistic testing timelines** and environment specs, and delivery timelines
 - Realistic **milestone planning** & more proactive communication



Support Needs & Concerns

Additional concerns were raised regarding:

- **Complexity of the FASS Programme** and the time and resource burden for participants
- Delays and uncertainty of **final FASS design decisions**
- **Earlier communication** regarding webinars, workshop logistics (e.g. meeting invites, uploading of materials)
- **Expansion of Technical Liaison Groups** to cover broader FASS topics (not just technical issues) would improve cross-functional engagement

Thank You

Questions can be submitted to

FASS@Eirgrid.com or
FASSProgramme@soni.ltd.uk

Next Steps:

- Parameters & Scalars consultation closing on 25 July. SEMC Decision scheduled for October per PIR v3.0
- SEMC Decision on DASSA Top-up Mechanism (RAD) now expected in August.

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Strategic Markets Programme (SMP)

STRATEGIC MARKETS PROGRAMME

Background to SMP

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; SEM-GB Trading Arrangements and Balancing Market Reform(BMR)*.

Delivery of SMP scope is planned over multiple releases - with Release 1 focussing on EU Integration and specific Balancing Market Reform items to align with Celtic Interconnector Go-Live.

Overall Summary and Status

- Adjustments have been required to the subsea marine cable manufacturing programme for the Celtic Interconnector project, and the commissioning date is now expected for spring 2028, rather than 2027. Impact on the SMP plan is currently being assessed.
- The SMP Release 1 scope has now moved to Phase 2 i.e. requirements & design with the key system vendors.
- Planning for scope items to be delivered in further releases is progressing (e.g. remaining Balancing Market Reform initiatives and SEM-GB arrangements)



Key Highlights

- Multi-NEMO and Shipping arrangements proposals submitted to RAs as required by CACM
- Detailed requirements signed off for SDAC/SIDC, FTR , Multi-NEMO Arrangements and CORE CCR
- Business process documents and E2E process flows in progress
- Assessment of impact of E2E processes on TSOs and MOs in progress



Updates

- Updated Programme Plan with planned releases to be included in the next funding submission which will be shared with RA's for approval
- Go-live and Cutover planning continuing

Thank you





Do you read the Future Power Markets Newsletter and find it useful?

Yes - I read these regularly and find them useful.



I don't read them however I think they are useful.



No - I don't read them and don't feel they are useful.



No - I don't know what the Future Power Markets Newsletter is.



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Energy Market Policy (EMP)

CACM 2.0 (Capacity Allocation and Congestion Management)

Status

- The European Commission is discussing CACM 2.0 with EU Member States. We expect the EC's to publish a proposal in the autumn.
- We will engage with market participants in due course.

Thank you

Contact

EMP Policy
FuturePowerMarkets@Eirgrid.com

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Long Duration Energy Storage (LDES)

LDES consultation update

- Ongoing engagement with the CRU
- Ongoing work on the consultation, consideration of LDES service, procurement arrangements and operational considerations



Thank You

Questions can be submitted to

LDES@Eirgrid.com

Next Steps:

- Forthcoming LDES Consultation on Procurement Mechanism
- Six-week consultation period with industry webinar

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Any Additional Questions?

Stakeholder Engagement: FPM Industry Workshop

Contacting FPM Programmes

To raise an issue or query for the Future Markets Programmes:

Contact	Information to Provide
	<ul style="list-style-type: none">• Your Name• Your email & phone number• Your organisation• Topic of Issue/Query & Programme Name• Description of the issue or query• Any additional information to aid in understanding the issue or query• <i>(No requirement to email the same query to both EirGrid and SONI email addresses for a relevant programme)</i>
<p>SDP Queries (Scheduling & Dispatch Programme) SchedulingandDispatch@Eirgrid.com SchedulingandDispatch@soni.ltd.uk</p> <p>LDES Queries (Long Duration Energy storage) LDES@Eirgrid.com LDESProgramme@soni.ltd.uk</p> <p>FASS Queries (Future Arrangements for System Services) FASS@Eirgrid.com FASSProgramme@soni.ltd.uk</p> <p>SMP Queries (Strategic Markets Programme) SMP.PMO@Eirgrid.com</p> <p>FPM Overall and EMP (Energy Market Policy) FuturePowerMarkets@Eirgrid.com futurepowermarketsNI@soni.ltd.uk</p>	

Future Power Markets: Further Engagement

Future FPM Meetings	
Indicative Date	Location
21 st August	Online (MS Teams)



Questions



Appendix

List of Acronyms:

ACER - Agency for the Cooperation of Energy Regulators

CACM - Capacity Allocation and Congestion Management

CBAM - Carbon Border Adjustment Mechanism

CRU - Commission for Regulation of Utilities

DECC - Department of Environment, Climate and Communications

DESNZ - Department for Energy Security and Net Zero

DfE - Department for the Economy

EMD - Electricity Market Design

ENTSO-E - European Network of Transmission System Operators for Electricity

ESB - Electricity Supply Board

ESO - Electricity System Operator

FASS - Future Arrangements for System Services

FCA - Forward Capacity Allocation

FPM - Future Power Markets

FPMDA - Future Power Markets Design Authority

LDES - Long Duration Energy Storage

NESO - National Energy and System Operator

Ofgem - Office of Gas and Electricity Markets

PIR - Phased Implementation Roadmap

RAs - Regulatory Authorities

REMA - Review of Electricity Market Arrangements

REMIT - Regulation on Wholesale Energy Market Integrity and Transparency

RfQ - Request for Quote

SDP - Scheduling and Dispatch Programme

SEM - Single Electricity Market

SEMC - Single Electricity Market Committee

SEMO - Single Electricity Market Operator

SME - Subject Matter Expert

SMP - Strategic Markets Programme

SONI - System Operator for Northern Ireland

UR - Utility Regulator