



SEM

committee

FORWARD WORK PROGRAMME

**October 2024
to September 2025**

About the SEM Committee

The Single Electricity Market Committee (SEMC) is the decision-making authority for all Single Electricity Market (SEM) matters. Established in 2007 following the introduction of the SEM, legislation required the establishment of SEM governance in the form of a SEM Committee.

Our principal objective is to protect the interests of consumers of electricity wherever appropriate by promoting effective competition between persons engaged in, or in commercial activities connected with the sale or purchase of electricity through the SEM.

The Committee consists of three parties, Commission for Regulation of Utilities (CRU), Utility Regulator (UR) and an independent member. There are three representatives from CRU and three from UR along with an independent and a deputy independent member. In 2014 the CRU and UR signed a Memorandum of Understanding that outlines how the two organisations will maintain and facilitate effective and beneficial co-operation and collaboration. This signifies the ongoing commitment of both regulatory authorities to work together to ensure the effective delivery of both joint and separate statutory remits and for the customers of the energy and water sectors they regulate.

In 2020, we set our strategic direction by committing to the delivery of three key strategic objectives:



These objectives aim to protect consumers in the SEM by ensuring an effective, competitive, and sustainable electricity market that delivers for electricity consumers in Northern Ireland and Ireland today and tomorrow. This aim complements the strategic direction of the UR and CRU as set out in their respective strategic plans.

Forward Work Programme Delivery

About our plan

This plan sets out the most significant projects that will ensure the continued effective operation of the Single Electricity Market and will help us deliver our strategic objectives. These projects are undertaken during the period October 2024 – September 2025, however some will span beyond this timeframe and will be influenced by market activity.

It is critical that we remain flexible and responsive to emerging issues to ensure the market continues to operate efficiently and in the consumer interests. We may, therefore, need to adapt our work programme in-year to respond to external market developments or other priority issues.

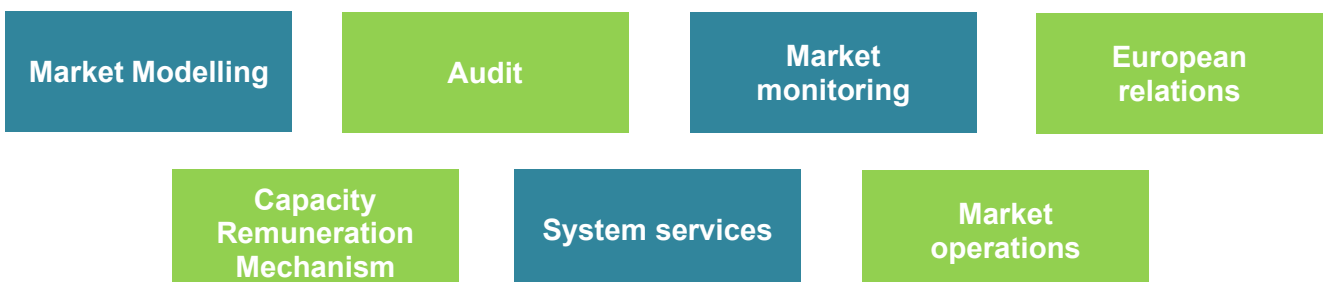
We must ensure our capacity auctions and market rules are able to adapt, as we move through the energy transition, and we see the development of new generation. To ensure security of supply, we will continually monitor and respond to market challenges as older plant retires, the system develops to accommodate higher levels of renewables and older technologies compete in the market with newer generation. This ongoing work remains a key priority for the Committee as we collaborate with the regulatory authorities to respond to security of supply challenges across the island.

This workplan does not include all the activities conducted to ensure the ongoing operation of the market. Our governance and oversight of market codes, rules and procedures help to ensure the market runs as it should. Our market monitoring helps identify and resolve market issues effectively and efficiently, ensuring fairness and preventing the market power abuse. This work continues to be a focus for us as we take on more investigations and ensure all participants are acting in accordance with the market rules. Our in-depth market analysis and insights also help to contribute to the ongoing understanding of the operation of the market, enhancing transparency. We will continue with this work to help to deliver the positive consumer outcomes through the SEM. We publish both monthly and weekly market monitoring reports and continue to expand on our reporting of market outcomes.

Our team

This workplan will be delivered by collaboration between the regulatory authorities. Together our teams will work to deliver these projects and report regularly to us on progress.

The teams are broadly structured across the areas of:



Corporate support is also provided for communications, procurement, legal and administrative matters to ensure we can discharge our duties effectively.

Dr. Tanya Harrington
SEM Committee Chairperson

Forward Work Programme

In pursuit of our strategic objectives, outlined below is a list of significant projects which will be our focus during the FWP October 2024 – September 2025 period.

No	Project title	Project scope and outcomes	Timing
1. All-Island Governance			
Strategic Markets Programme			
1	Reintegration of SEM into the Internal Energy Market (IEM)	<p>Reintegration work package under "Strategic Markets Programme" covering transmission rights, ex ante coupling and cross border balancing arrangements once the SEM is physically connected with continental Europe via the Celtic interconnector.</p> <p>Includes new treatment for SEM-EU long term transmission rights, recoupling in Ex Ante markets, introduction of cross border balancing arrangements, multi-NEMO arrangements, cross border shipping arrangements etc.</p>	Multi-year with work progressing across full year
2	Balancing Market Reform	Suite of balancing market enhancements under "Strategic Markets Programme" including enduring scheduling, dispatch and settlement treatments for storage, non-priority dispatch renewables and demand side units, introduction of treatments for dispatchable demand and delivery of a full market model for low carbon sources of inertia, establishing a guideline on electricity balancing (EGBL) compliance assessment and capacity calculation - integration to Core Capacity Calculation region.	Multi-year with work progressing across full year
3	SEM-GB Arrangements	Physical Transmission Rights (PTRs) / Financial Transmission Rights (FTRs) assessment as per Post-Brexit Trading Arrangements detailed within the Strategic Markets Programme. Multi-Regional Loose Volume Coupling (MRLVC) - engage with Transmission System Operators (TSOs) as the EC-UK specialised committee (SCE) has requested the TSOs to develop a prototype calculator for MRLVC.	Full year
Multi-Year plan			
4	Long Duration Energy Storage Incentivisation	Project to develop appropriate commercial incentives to prompt investment in Long Duration Energy Storage e.g. batteries etc.	Multi-year with work progressing across full year
5	EU Market Design Reform Assessment	Project to assess the implications of new EU regulation on improving the Union's electricity market design (2024/1747)	Q3 2024 - Q4 2024
6	All Island Programme Governance and Project Management Office	Maintain current AIP Arrangements including programme plans for delivery and engagement. To also deliver a project to review of the effectiveness of the arrangements as outlined in the programme document.	<p>Full year</p> <p>Review in Q2-Q3 2025</p>

7	Carbon Border Adjustment Mechanism (CBAM)	Review consequences of implementation of CBAM to electricity imports from GB	Full year
Scheduling and dispatch			
8	Clean Energy Package - decision on priority dispatch	Consultation and decision - wider review on priority dispatch hierarchy	Full year
9	Scheduling and Dispatch Programme	<p>Progress Scheduling and Dispatch programme along with TSOs</p> <p>Implementation and Go-Live for Tranche 1 initiatives – May 2025 for Energy Storage Power Station (ESPS) and September 2025 for Non-Priority Dispatch Renewables</p> <p>1. Non-Priority Dispatch Renewable Modification - SEMC Decision February 2025</p> <p>2. ESPS Battery Modification - SEMC Decision October 2024</p> <p>3. Wind Dispatchability Tool - Decision on Definition of Energy Balancing, Constraint and Curtailment</p> <p>*Implementation and Go-Live for Tranche 2 initiatives - December 2025 (2025/2026 SEMC FWP)</p>	April 2025
Future Arrangements for System Services			
10	Progression of the Future Arrangements System Services (FASS) Project	<p>1. Volume Forecasting Methodology Decision Paper - March 2025</p> <p>2. Transitional Arrangements Decision Paper - March 2025</p> <p>3. Non-Reserve Products and Locational Methodology - TSO Consultation July to Sept 2025</p> <p>4. Annual Layered Procurement Framework (LPF) Assessment - Sept 2025</p> <p>5. System Services Charge Decision Paper - March 2025</p>	Multi-Year to 2026
11	TSO operational changes to develop markets to integrate low carbon sources	Low Carbon Inertia Services - Phase II	Full year

No	Project title	Project scope and outcomes	Timing
2. SEM Operations			
Tariffs			
12	Annual All Island tariff reviews	Annual review of testing, Generator Transmission Use of System (GTUoS), Other System Charges (OSC), Transmission Loss Adjustment Factors (TLAFs), capacity charges, Single Electricity Market Operator (SEMO) and Single Electricity Market Operations (SEMOpX) tariffs	Q1 – Q3 2025
13	Imperfections Tariff	Assess, consult on, and then publish the imperfections charges for tariff year 2025/2026	Q1 – Q4 2025

Market Audit			
14	Trading and settlement code market audit 2024	Final market audit completed with report produced and published	Q3 2025
15	Trading and settlement code market audit 2025	Publish audit terms of reference for consultation	Q3 2025
16	Scheduling and dispatch audit 2024	Final audit completed with report produced and published	Q3 2025
Directed Contracts			
17	Directed Contracts Modelling	Complete quarterly Directed Contracts modelling for rounds 30, 31, 32, 33	Full year
SEMO price control			
18	SEMO Price Control	Consult and determine the SEMO Price Control.	Q4 2024 – Q3 2025
Code modifications			
19	Balancing Market Trading and Settlement Code modifications	Progress Modifications Committee, consider and work through proposed modifications as they arise, and make recommendations to SEM Committee. TSC parameter consultations and decisions.	Full year
Fuel Mix disclosure			
20	Fuel Mix disclosure	Publish Annual Fuel Mix disclosure decision and publish consultation and decision on Fuel Mix disclosure methodology amendments	Q3 2025
Generator Financial Performance			
21	Generator Financial Performance	Publish annual Generator Financial Performance Report (GFP) 2024. Publish decision on amendments to the GFP reporting framework	Q3 2025 Q2 2025

No	Project title	Project scope and outcomes	Timing
3. Capacity Remuneration Mechanism (CRM)			
CRM Operations			
22	T-4 2028/2029 capacity auction	Complete preparation and auction for T-4 2028/2029 capacity year.	Q4 2024
23	T-1 2025/2026 capacity auction	Complete preparation and auction for T-1 2025/2026 capacity year.	Q4 2024-Q2 2025
24	T-4 2029/2030 capacity auction	Complete preparation for T-4 2029/2030 capacity year.	Full year
25	Monitor and respond to capacity delivery	Monitor delivery of capacity through the CRM and respond to market outcomes including relevant changes to the Capacity Market Code (CMC)	Full year
CRM Development			
26	Assess the CRM to ensure CEEAG (Climate Environment and Energy Aid Guidelines) compliance	Consult on policy measures to further the decarbonisation of the CRM and aid compliance with CEEAG requirements.	Full year
27	Development of policy	In preparation for re-integration into the IEM,	Full year

	regarding cross-border participation in the CRM	work with the TSOs to progress project to facilitate direct cross-border participation of foreign generators in the CRM.	
State Aid			
28	Commence preparation for next State aid application	Review and plan for the next State aid application with a focus on: <ul style="list-style-type: none"> • Review of current CRM, including legislative alignment, international best practice, interaction with other functionalities, such as flexibility incentives, and long-term strategic design • Scoping and project planning of resource requirements and timescales for next State aid application 	Full year

No	Project title	Project scope and outcomes	Timing
4. Market Incentivisation			
29	Demand Side Units (DSU) Energy Payments	New Consultation published on 23 August 2024, covering a Revised Phase 1 solution for DSU energy payments and other issues. Consultation period extended to 25 October 2024. Decision paper to follow, potentially with further smaller consultations on follow-on issues.	Full year
30	Decision on Administered Scarcity Pricing	Publish decision and progress work on any Trading and Settlement/ Capacity Market Code modifications as required.	Q2 2025

No	Project title	Project scope and outcomes	Timing
5. Generation Capacity Statement (GCS) and National Resource Adequacy Assessment (NRAA)			
31	Review and approval of annual all-island Generation Capacity Statement	Annual regulatory review of the EirGrid/ SONI electricity capacity statement (for approval to allow publication).	Q1-Q3 2025
32	Work towards National Resource Adequacy Assessment (NRAA) 2025, to include Economic Viability Assessment (EVA)	First NRAA to feed in learnings into NRAA 2025, EVA to be incorporated into this NRAA to be compliant with the European Resource Adequacy Assessment (ERAA).	Q1-Q3 2025

No	Project title	Project scope and outcomes	Timing
6. Dispatch Down			
33	Dispatch Down	Work with TSOs to improve the operation of power system to facilitate increased levels of renewable generation and minimise dispatch	Full year

		down levels. Conclude consultation on Article 13 (4) reporting.	
	Project title	Project scope and outcomes	Timing
7. Market Monitoring Unit (MMU)			
34	Review of ex-ante market outcomes and price formation evolution in the SEM	Conduct an analysis of ex-ante market outcomes with a focus on trends in market participant bidding behaviour and changes in supply and demand dynamics.	Full year

List of abbreviations

	Acronym	Explanation
1	ACER	The European Union Agency for the Cooperation of Energy Regulators
2	AIP	All Island Programme
3	CBAM	Carbon Border Adjustment Mechanism
4	CMC	Capacity Market Code
5	CEEAG	Climate Environment and Energy Aid Guidelines
6	CRM	Capacity Remuneration Mechanism
7	CRU	Commission for Regulation of Utilities
8	DSU	Demand Side Unit
9	EGBL	Establishing a guideline on electricity balancing
10	ERAA	European Resource Adequacy Assessment
11	ESPS	Energy Storage Power Station
12	EVA	Economic Viability Assessment
13	EU	European Union
14	FASS	Future Arrangements for System Services
15	FTRs	Financial Transmission Rights
16	FWP	Forward Work Programme
17	GB	Great Britain
18	GFP	Generator Financial Performance
19	GTUoS	Generator Transmission Use of System
20	IEM	Internal Energy Market
21	LCIS	Low Carbon Inertia Services
22	LPF	Layered Procurement Framework

23	MMU	Market Monitoring Unit
24	MRLVC	Multi-Regional Loose Volume Coupling
25	NEMO	Nominated Electricity Market Operator
26	NRAA	National Resource Adequacy Assessment
27	OSC	Other System Charges
28	PTRs	Physical Transmission Rights
29	SCE	EC-UK specialised committee
30	SEM	Single Electricity Market
31	SEMC	Single Electricity Market Committee
32	SEMO	Single Electricity Market Operator
33	SEMOpX	Single Electricity Market Operations
34	SO	System Operator
35	TLAF	Transmission Loss Adjustment Factors
36	TSC	Trading and Settlement Code
37	TSO	Transmission System Operator
38	UK	United Kingdom
39	UR	Utility Regulator