

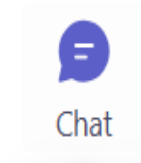
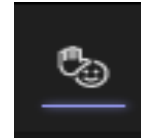
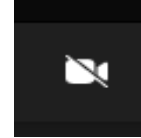
# Market Operator User Group

6<sup>th</sup> November 2025



# Housekeeping Rules

- Please keep your video switched off
- Raise your hand if you have a question
- Chat option will be available



*Thank you for your cooperation.*





# Welcome

# Claire Kane



Agenda Items	Presenters
Welcome	Claire Kane
Release Program	Vikas Gupta
SEMO CapEx Update	Shane O'Donohue
Ex-Ante Markets	Joaquin Iñiguez de Gante
SEMO Trading	Michael Rainey
SEMOpx Trading	Amy Yeung
Settlements	John Tracey
System Operations IE	Seamus Power
Market Interface	Mark Cullen



# Release Program

## Vikas Gupta



# Release Program - Scheduling & Dispatch Programme

## SDP-02 Energy Storage Power Stations (ESPS)

- SDP-02 (ESPS) go-live is scheduled for 11<sup>th</sup> November 2025.
- Programme is progressing cutover activity to support go-live on 11<sup>th</sup> November 2025.
- SDP02 cutover guide including key cutover milestones has been shared with market participants.

## SDP-04 Wind Dispatch Improvements (WDI)

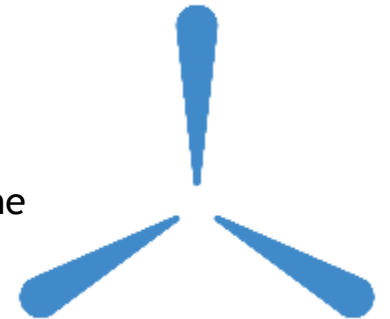
- SDP-04 (WDI) go-live is scheduled for 26<sup>th</sup> November 2025.
- Programme is progressing delivery activity in line with the plan, while managing a risk associated with completion of test activity to support SDP-04 go-live.
- There is no market release associated with SDP-04 (WDI). Market participants are not required to take any actions 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.

## Scheduling & Dispatch Tranche 2 Initiative

- 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.





# Releases

## Release N

Go live scheduled for 11<sup>th</sup> of November 2025

Scope

### SDP-02 Energy Storage Power Stations (ESPS)

- Programme targeting go-live of SDP-02 (ESPS) on 11<sup>th</sup> November 2025.
- Programme is progressing test execution in line with delivery plan.
- A range of material including Overview of SDP Solution for Battery Units V2.0 and SDP02 Cutover Plan will be shared with battery unit operators over the coming weeks.
- Deployment includes both CR 319 (3rd party product updates ) and CR 313 (Update to Start Up Payment Conditions)

## Release O

- Planned to be tested and delivered alongside release P.
- Scope- SDP 03/05(Fast Frequency Response (FFR)/Reserve services scheduling and dispatch), SDP06(Synchronous condenser scheduling and dispatch), CR261 (upgrade of CPLEX) and some CSB defects.
- Development in progress, shipping date to be confirmed once release N goes live.

## Release P

- Date not final yet, to be delivered alongside release O.
- Scope- Celtic Day 1, CR329 (Update to PN),323(array monitoring),302 (fatal error to warning message) and 338 (CORP/SMP).
- Development in progress, shipping date to be confirmed once release N goes live.



# SEMO CapEx Update

Shane O'Donohue





# Price Control SEMO CapEx Update

SEMO CapEx and Cloud Spend (indicative)	2024/25	2024/25		2024/25	2024/25
	CapEx	CapEx			
	Allowed FY25 Spend+ Forecast AUC at end FY24 per PC Final Determination	Actual Spend 01 Oct 24- 30 September 25 + Actual AUC at end of FY24		Cloud	Cloud
	(Indexed to Mar 2025 monies)	(2025 monies)		Forecast Spend per Final Determination  (2025 monies)	Actual Spend 1 Oct 24 to 30 Sep 25  (2025 monies)
	AUC+ 12 Months	AUC+ 12 Months		12 Months	12 Months
Strategic All island Progreammes (€'m)	11.61	7.67			
Strategic Markets Programme (TBC)	TBC	TBC			
Scheduling and Dispatch	11.61	7.67			
Total System Release Capital (€'m)	1.68	2.66			
Market System Releases	1.31	1.71			
Market System Release Support	0.37	0.95			
Total Predictable (€'m)	9.02	2.37		6.08	3.84
Data Centre Transformation	1.71	-			
Advance Cyber Maturity	0.34	0.17			
Data, AI and Analytics	0.61	0.02		1.58	0.97
Digital Workplace	0.14	0.24		0.67	0.22
Integration Modernisation	0.21			0.49	
IT Service Transformation	0.01			0.07	
Market Technology Enablement	1.00	0.36			
Markets Infrastructure	5.01	1.58			
SEMO Finance System / ERP				2.78	2.65
Audit and Compliance Tool				0.09	
SharePoint Online Mods Documentation				0.39	
Total Unpredictable (€'m)	2.22	1.74			
Unforeseen hardware and software upgrades	0.11	0.00			
Market Evolution (Known Unknowns - Legislative/Regulatory changes etc)	2.11	0.04			
Greenlink	-	1.69			
Total Capital and Cloud (€'m)	24.53	14.45		6.08	3.84

- The forecast figures reflect SEMO's Final Determination indexed to 2025 monies.
- As the RAs have allowed RAB as incurred - there is a correction to capture all AUC at the end of FY24 onto the RAB in FY25.
- Actual figures:
  - For Cloud they reflect the spend in the 12 months of FY25.
  - For CapEx they reflect the actual AUC as at the end of FY24 and the spend in the 12 months of FY25.
- The figures shown for the Market System Releases and Market Systems Release Support are the release costs that accrue to SEMO only.
- \*These numbers are provisional and subject to audit.
- Commentary
  - Scheduling and Dispatch (SDP) Tranche 1 is scheduled for deployment November 2025.
  - System Release Capital reflects ongoing non-SDP release costs which are no longer covered by the 2022 Bi-Annual Release Agreement (BARA). The hours under the 2022 BARA were consumed with Release M. This includes Release M.1, CR-313 (mod\_5\_24) Update to start up conditions, CR-319 third party software updates, defect fixes to be deployed with Release N. Release Support costs includes all associated project management, business analysis and test costs.
  - Advance Cyber Maturity contains ongoing projects to enhance EirGrid's cyber-security posture
  - Digital Workplace reflects spend on the upgrade of the Content Management System for sem-o.com and semopx.com. This also reflects ongoing improvements to [www.sem-o.com](http://www.sem-o.com)
  - Data, AI and Analytics - Phase 3 of the EDH is complete and both Market Monitoring and Quarterly Fuel Mix Disclosure use cases are operational on the platform within SEMO.
  - Market Technology Enablement includes completed Test Automation project and ongoing Market Archive work.
  - Market Infrastructure ongoing upgrade work on virtual platform, Windows 11 roll-out and a new Database Recovery Appliance project
  - Greenlink includes 2024/25 costs related to Greenlink as it went live 30/1/2025



# Ex-Ante Markets

Joaquin Iñiguez de Gante

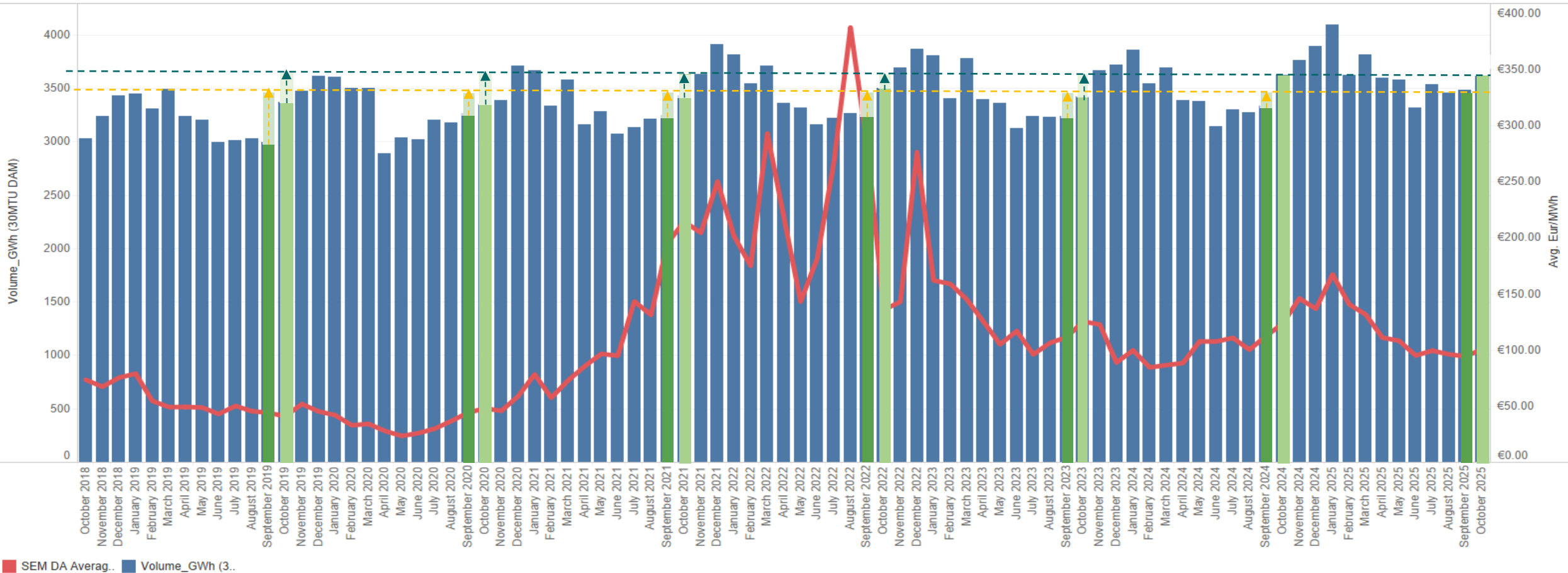




# Ex-Ante Markets

Volume Trade vs Avg. price (DA)

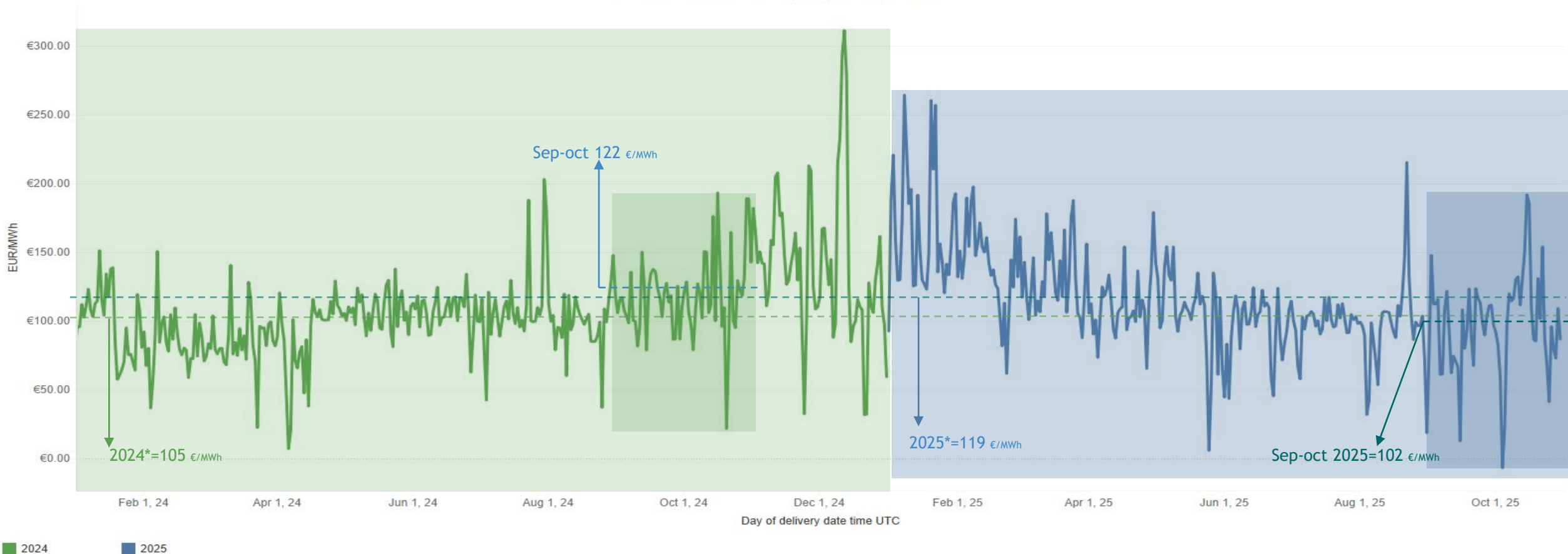
Month of delivery date time UTC



- Volumes within the DAM showed a seasonal trend, however there was on average 7% increase on volumes in September and October compared to its historical trend.
- DAM price close around 102 €/MWh which is 16% lower than September and October last year.
- Since the slight price increase in July, prices have remained relatively stable, with October being only 1 euro higher than July.

# Ex-Ante Markets

Ex-Ante Markets - (DA) Daily Prices

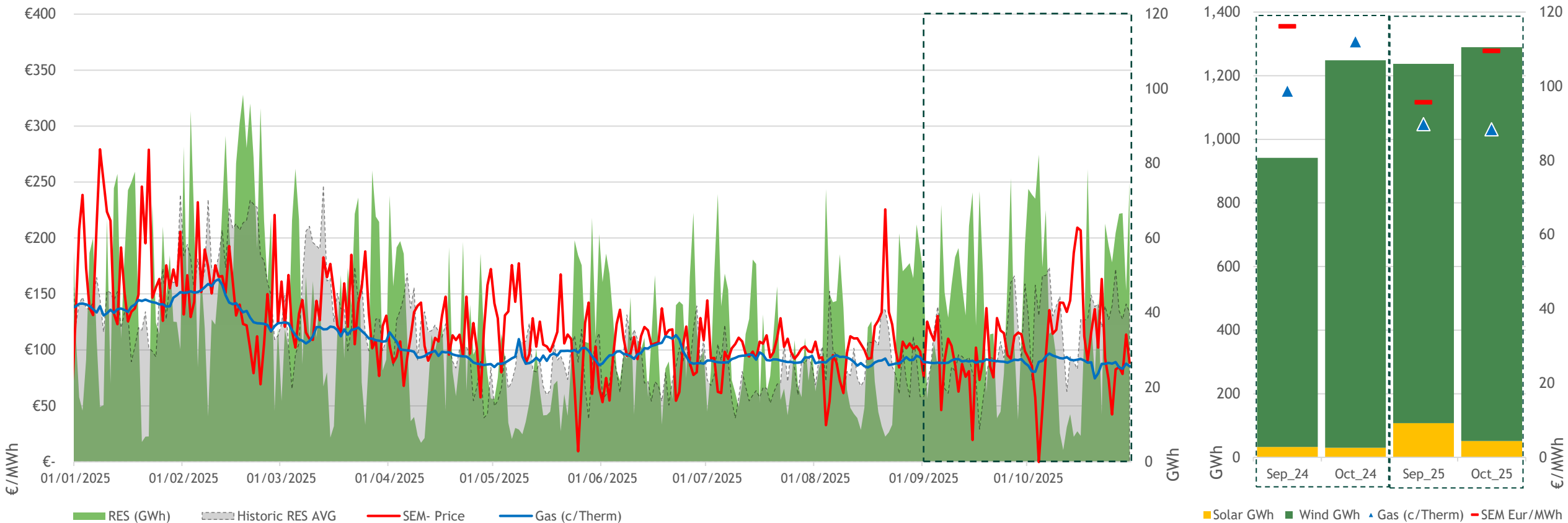


- From September to October, there was a decrease of 16% compared to 2024, which aligns with the increase in renewables and the reduction in gas costs.
- So far, 2025 has shown an average price 13% higher than 2024; however, the difference has narrowed as the year has progressed.
- The volatility observed between September and October was linked to fluctuations in wind generation.



# Ex-Ante Markets

## Average SEM Prices vs Wind Generation

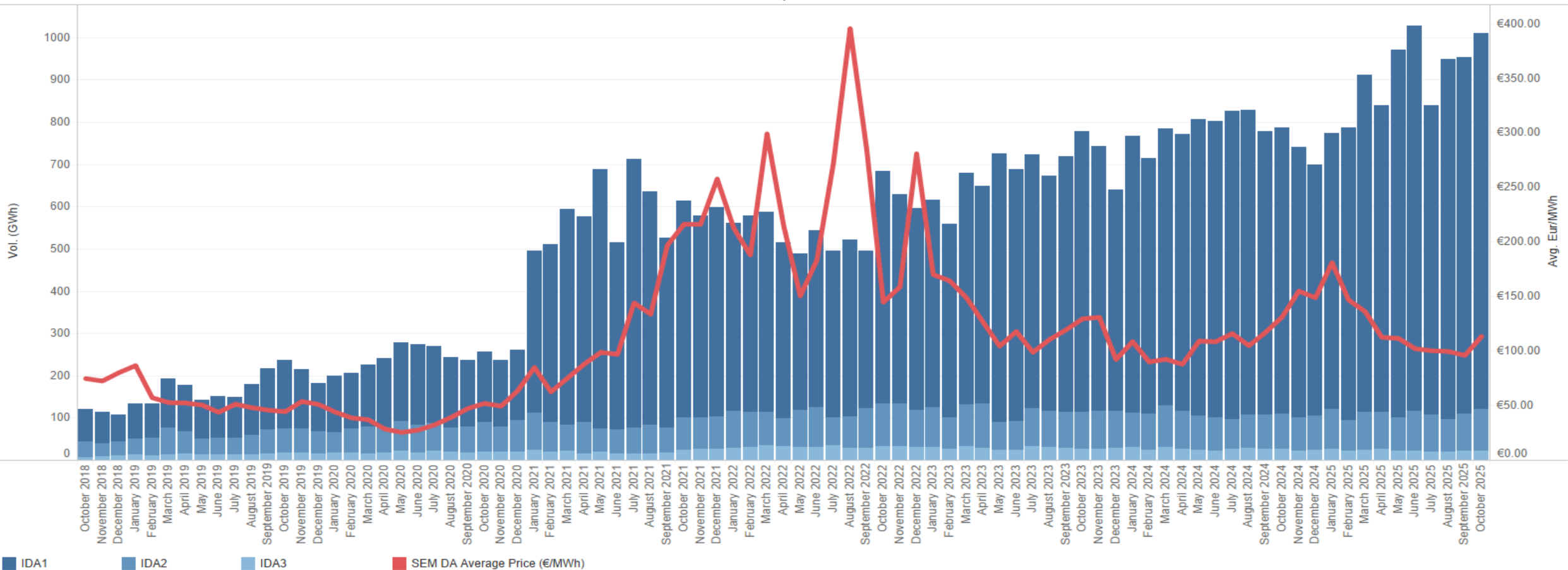


- September to October 2025 showed a 11% increase in wind and 140% in Solar generation compared to 2024.
- Gas prices have remained constant since summer, being gas prices in October 6% lower than the beginning of June.
- Solar generation has seen a big increase (200%) in September compared to last year. However, October only showed an increase of 60%

# Ex-Ante Markets

Volume Trade vs Avg. price (IDA's)

Month of delivery date time UTC



- Volumes within IDA1 continue to be influenced by the interconnector.
- IDA2 and IDA3 have maintained a constant behavior without significant changes.
- October showed a significant increase in IDA volumes, which can be attributed to the interconnector's behaviour.



# SEMO Trading

## Michael Rainey



# Imbalance Pricing - Planned Outages

## Upcoming Outages

- 10th November 2025 - Imbalance Pricing (10:00 - 12:00)
- 10th November 2025 - Balancing Market Outage - Release N (20:00 - 02:00)
  - BMI and Imbalance Pricing
- 12th November 2025 - Balancing Market Outage - SDP Cutover (14:00 - 18:00)
  - BMI and Imbalance Pricing
- 12th November 2025 - Imbalance Pricing - SDP Cutover (23:00 - 02:00)
- 18th November 2025 - Imbalance Pricing (13:45 - 15:00)
- 19th November 2025 - Imbalance Pricing (11:00 - 12:00)



# Repricing Update

## Repricing Status

Materiality Assessments completed for recent repricing dates. Two dates have not met materiality threshold.

## Publication

These dates will be published via **Market Message** and added to the [Balancing Market Repricing Calendar](#).

## Next Steps

Remaining dates to be assessed **post Release N**.

A repricing schedule will be published once the assessments are complete.



# Limited Communications Failure - Release N

## Participant Guides

The below LCF Guides have been consolidated into one document. This will be published early next week.

- [LCF Short Day Guide](#)
- [LCF Long Day Guide](#)
- [LCF Offer Data Procedure - Participant Guide v1.4](#)

## LCF Tools

- **Battery Storage Units** included for Release N.
- **LCF Long Day Tool** has been published.
- **LCF Tool** to be published with consolidated **Participant Guide**.
- **LCF Short Day Tool** will be released ahead of the clock change in **March 2026**.



# SEMOpX Trading

Amy Yeung



# MATS Maintenance & Release Windows

Date & Time	Impact	Reason	Communication
17/11/2025	Maintenance	Monthly Maintenance	OMM message (email sent a week in advance and on the same morning)
09/12/2025	Maintenance	Monthly Maintenance	OMM message (email sent a week in advance and on the same morning)
13/01/2026	Maintenance	Monthly Maintenance	OMM message (email sent a week in advance and on the same morning)



\*Regular maintenance window: Between 21:30 and 01:30 GMT/IST every 2<sup>nd</sup> Tuesday of the Month.  
Any downtime to MATS will be communicated to members via OMM in advance



# M7 Maintenance & Release Windows

Date & time	Impact	Reason	Communication
18/11/2025	Maintenance	TBC	M7 chat message (1 hour before the maintenance) + OMM message (email sent a week in advance and on the same morning)
18/11/2025	Release Notes <a href="#">[Link here]</a>	6.20 Release	M7 chat message (1 hour before the maintenance) + OMM message (email sent a week in advance and on the same morning)
09/12/2025	Maintenance	TBC	M7 chat message (1 hour before the maintenance) + OMM message (email sent a week in advance and on the same morning)
13/01/2026	Maintenance	TBC	M7 chat message (1 hour before the maintenance) + OMM message (email sent a week in advance and on the same morning)



\*Regular maintenance window: Between 18:30 and 01:30 GMT/IST every 2<sup>nd</sup> Tuesday of the Month.



# SEMOpX Updates

## SDAC Member Testing

- Full Decoupling Scenario, with Local Auction triggered for SEMOpX Market
  - On 19<sup>th</sup> Nov 2025
  - Registration closes on 10<sup>th</sup> Nov 2025 [[Link here](#)]
  - For more information, please see the communication [[Link here](#)]



## SEM-GB Member Testing

- Partial Decoupling Scenario due to Cross-Zonal Capacity reason, with Local Auction triggered for SEMOpX Market
  - On 26<sup>th</sup> Nov 2025
  - Registration closes on 19<sup>th</sup> Nov 2025, please email [info@semopx.com](mailto:info@semopx.com)
  - For more information, please see the communication [[Link here](#)] and information package [[Link here](#)]



# SEMOpX Updates

## SEMOpX Product Consultation

- Updated questionnaire issued to members on 31<sup>st</sup> Oct 2025
  - Provided supporting information to help assist the completion of the questionnaire, including:
    - Examples of SEMOpX Product uses
    - Questionnaire values reference guide
- Feedback is requested from all members, either providing:
  - A completed questionnaire indicating potential usage, or
  - A reply to the email communication advising no intention to use any of the proposed products
- Deadline for feedback is 14<sup>th</sup> Nov 2025
  - SEMOpX will reach out directly to members that have not responded by this date



# SEMOpX Updates

## Market Coupling Consultative Group Meeting (MCCG)

- EU stakeholder forum to consult market participants on issues related to the design, development, implementation, and operation of the Single Day-Ahead and Intraday Coupling.
- This group aims at facilitating the exchange of views and information among NEMOs, TSOs and market participants on topics relevant for Single Day-Ahead and Intraday Coupling.
- Webinar hosted by MCSC on 23rd Oct 2025
- Presentation is available on the NEMO Committee website [[Link here](#)]



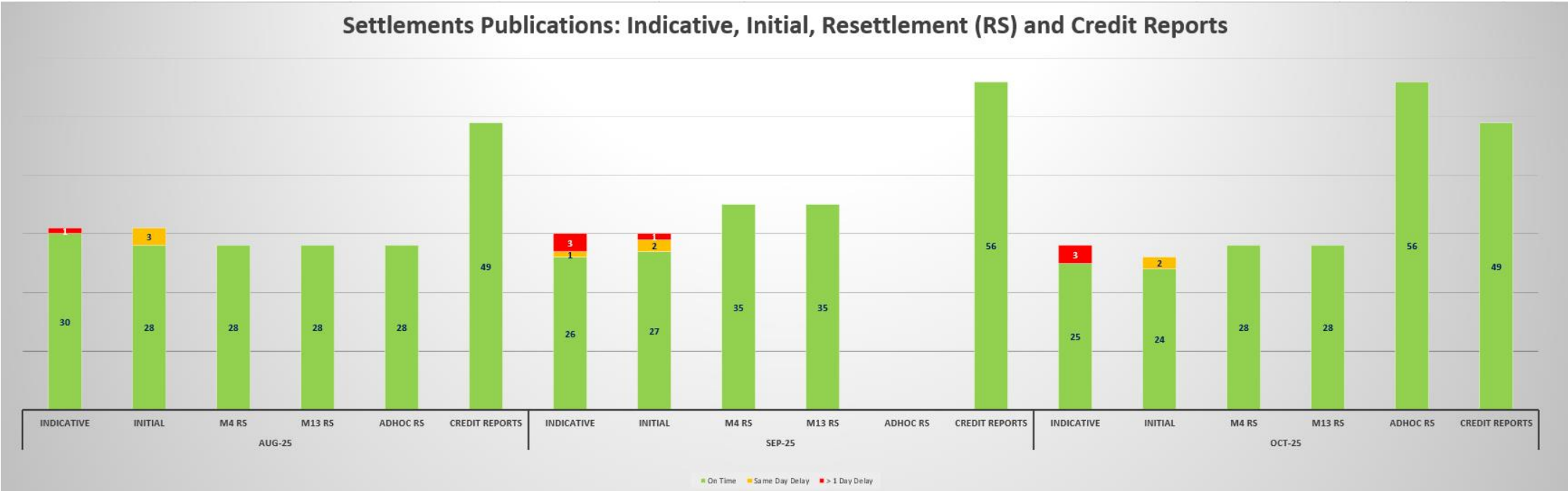


# Settlements

John Tracey



# Settlement Publications & Timelines: 1<sup>st</sup> August - 28<sup>th</sup> October 2025



## August 2025

- **191** settlement publications on time
- 1 delayed Indicative due to CSB System Issue
- 1 delayed Initial due to late receipt of data. 1 delayed Initial due to CSB System Issue. 1 delayed Initial due to Instruction Profiler Issue.
- All issues now resolved

## September 2025

- **179** settlement publications on time
- 3 delayed Indicatives due to CSB System Issues. 1 delayed Indicative due to late receipt of data
- 3 delayed Initials due to Instruction Profiler Issues.
- All issues now resolved

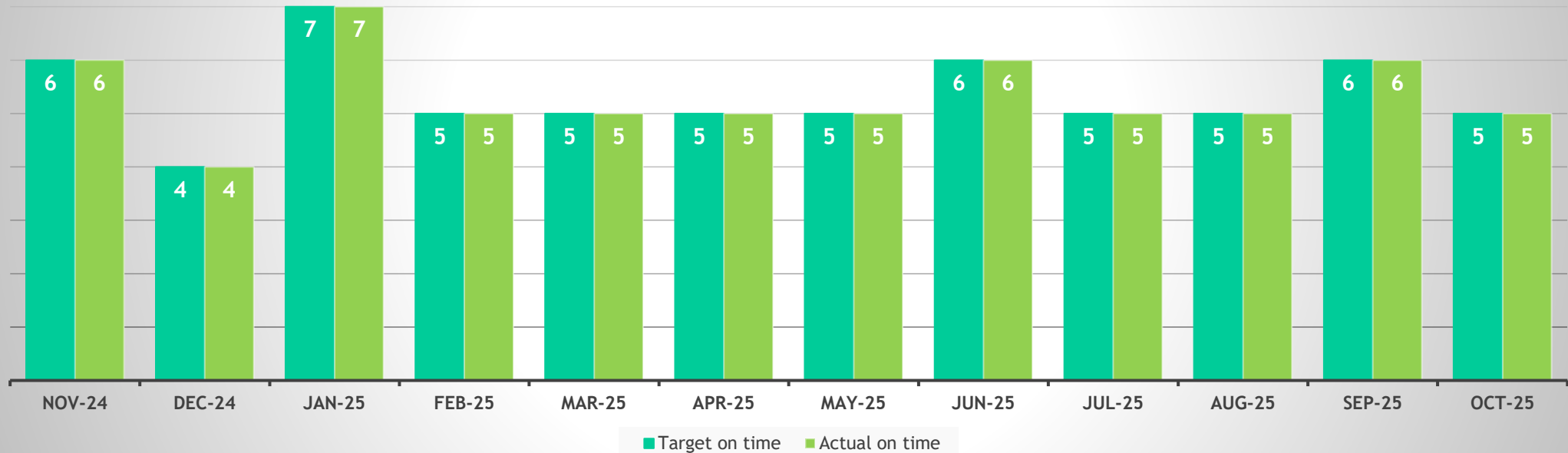
## October 2025

- **210** settlement publications on time
- 1 delayed Indicative due to Instruction Profiler Issue. 2 late Indicatives due to late receipt of data.
- 1 delayed Initial due to late receipt of data. 1 delayed Initial due to CSB System Issue
- All issues now resolved



# Settlement Documents Publications

Settlement Documents : 01 Oct '24 - 28 Oct '25 (BALIMB,Capacity and MO Invoicing)



## Settlement Document updates:

- **64** Settlement Documents (SDs) published on time between 1st November 2024 and 28<sup>th</sup> October 2025 (includes BALIMB, Capacity and MO Invoices)

# Settlement Documents to issue Friday 7<sup>th</sup> November 2025

[Settlement Calendar \(sem-o.com\)](http://sem-o.com)

Settlement Document for Friday 7 <sup>th</sup> November	
Initial BALIMB - (26/10/2025 - 01/11/2025) - Week 44 2025	
Initial CRM -October 2025	
M+4 BALIMB - (06/07/2025 - 12/07/2025) - Week 28 2025	
M+13 BALIMB - (06/10/2024 - 12/10/2024) - Week 41 2024	





# System Operations IE

## Seamus Power





# Winter Outlook 2025/26



# Ireland Winter Outlook: Assumptions

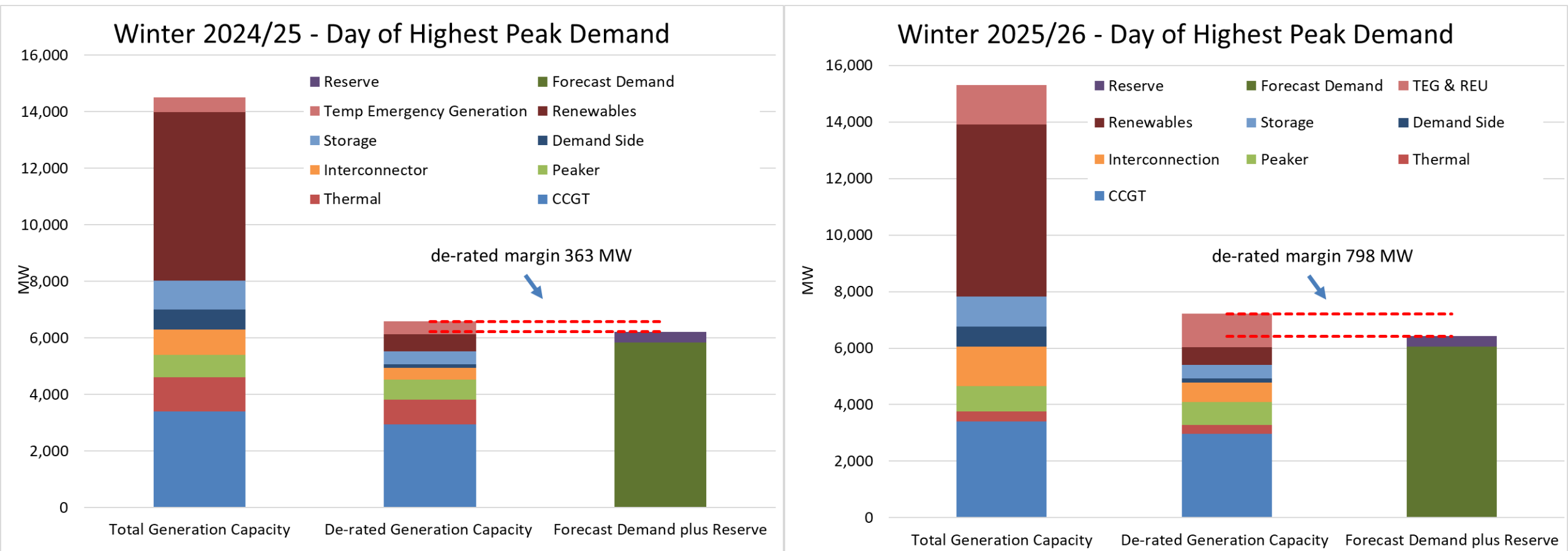
- Generation adequacy assessment only for the winter period
- Uninterrupted supply of gas
- 649 MW of TEG and 750 MW of REU included in studies
- Studies based on All-Island Resource Adequacy Assessment methodology
  - Wider GB and European system modelled which provides a realistic model for interconnector flows
- GB within standard over winter
- Forecast Peak demand of 6,044 MW



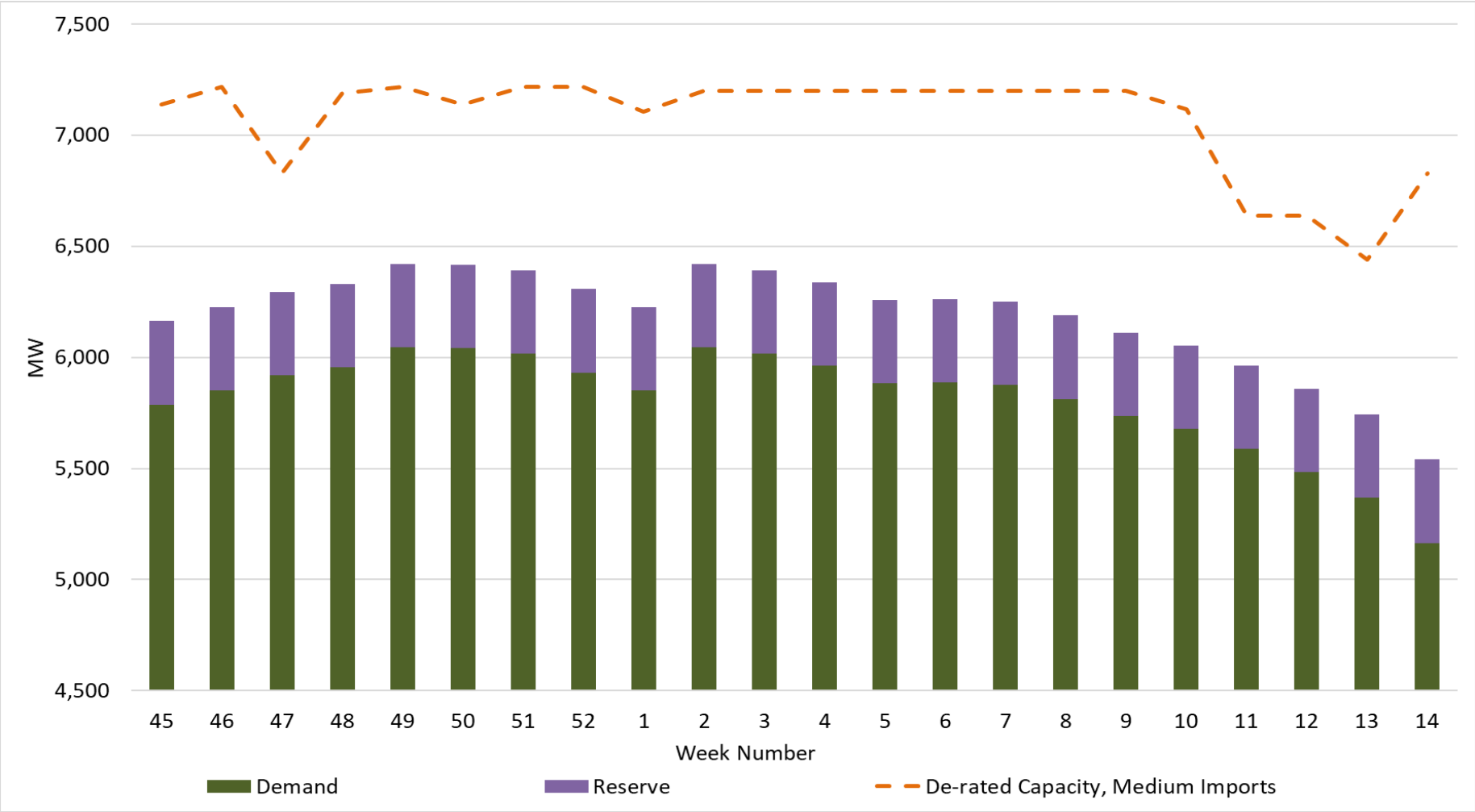
# Ireland Winter Outlook: Results

	Base case	No TEG/REU	Extreme winter
Loss of Load Expectation (LOLE)	1.1 hours	43.4 hours	1.8 hours
Expected Unserved Energy (EUE)	318 MWh	15,133 MWh	350 MWh

# Ireland De-rated Margin - Winter 2024/25 vs 2025/26



# Ireland Winter Outlook: Week-by-Week





# Market Interface

## Mark Cullen

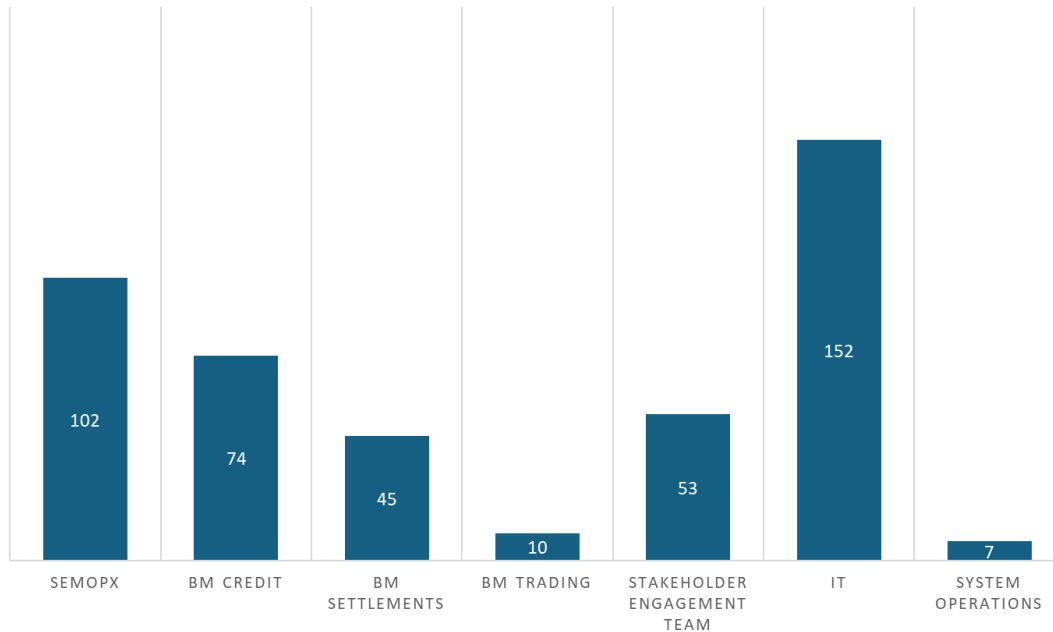


# SEMO and SEMOpX General Queries

(September 12th - November 4th 2025)

Received: 434 & Resolved: 443

SEMOPX & SEMO RESOLVED GENERAL QUERIES



## Disputes

(September 12th - November 4th 2025)

- One Dispute was raised

## Formal Settlement Queries

(September 12th - November 4th 2025)

- Received: 29
- Closed: 46

*(31 were Upheld, 14 not Upheld and 1 was Rejected)*

- Open: 19



# Dates to Note 2025

- The next Future Power Market Industry Workshop will take place on **Wednesday, 19th of November @10-11.30am**
- The next Thursday Participant call @09.30am will take place on **13<sup>th</sup> of November.**
- The Market Operator User Group (MOUG) meeting is scheduled for **Thursday, 11th December.**
- The Future Power Market Industry workshop is also scheduled for **Thursday, 11th December.**





# *Thank you for your attendance*

SEMO Website: <http://www.sem-o.com/>

SEMOpX Website: <http://www.semopx.com/>

SEMO & SEMOpX Contacts:

- [info@sem-o.com](mailto:info@sem-o.com); [info@semopx.com](mailto:info@semopx.com)
- [BalancingMarketRegistration@sem-o.com](mailto:BalancingMarketRegistration@sem-o.com);  
[Registration@Semopx.com](mailto:Registration@Semopx.com)

Capacity Market: [CapacityMarket@sem-o.com](mailto:CapacityMarket@sem-o.com)

