

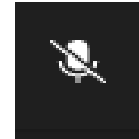
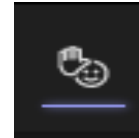
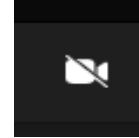
Market Operator User Group

29th May 2025



Housekeeping Rules

- Please keep your video switched off
- Raise your hand if you have a question
- When asked to unmute your line



Thank you for your cooperation.



Welcome

Claire Kane



| Agenda Items | Presenters |
|---|------------------|
| Welcome | Claire Kane |
| SEMO CapEx Update | Shane O'Donohue |
| CBAM Update | Amber Raut |
| System Operations IE | Charlie McGee |
| System Operations NI | Stephen McClure |
| Ex-Ante Markets | Thomas Whelan |
| SEMO Trading | Michael Rainey |
| SEMOpx Trading | Amy Yeung |
| Settlements | John Tracey |
| Market Interface | Rosaleen Fanning |
| Release Program Update: Scheduling & Dispatch Programme | |

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 | | Cloud | |
| | Forecast FY25 Spend+ Forecast AUC at end FY24 per PC submission | Actual Spend 01 Oct 24- 26 April 25 + Actual AUC at end of FY24 | | Forecast Spend per PC Submission (Indexed to Mar 2024 monies) | Cloud Actual Spend 1 Oct 24 to 26 Apr 25 (2024 monies) |
| | (Indexed to Mar 2024 monies) | (2024 monies) | | (2024 monies) | |
| | AUC+ 12 Months | AUC+ 7 Months | | 12 Months | 7 Months |
| Strategic All island Progreammes (€'m) | 9.31 | 5.89 | | | |
| Strategic Markets Programme (TBC) | TBC | TBC | | | |
| Scheduling and Dispatch | 9.31 | 5.89 | | | |
| | | | | | |
| Total System Release Capital (€'m) | 1.65 | 3.22 | | | |
| Market System Releases | 1.28 | 2.07 | | | |
| Market System Release Support | 0.37 | 1.15 | | | |
| | | | | | |
| Total Predictable (€'m) | 9.07 | 1.15 | | 4.11 | 1.67 |
| Data Centre Transformation | 1.92 | - | | | |
| Advance Cyber Maturity | 0.33 | 0.14 | | | |
| Data, AI and Analytics | 0.59 | 0.19 | | 1.54 | |
| Digital Workplace | 0.14 | 0.22 | | 0.65 | 0.09 |
| Integration Modernisation | 0.20 | | | 0.48 | |
| IT Service Transformation | 0.01 | | | 0.07 | |
| Market Technology Enablement | 0.98 | 0.19 | | | |
| Markets Infrastructure | 4.90 | 0.41 | | | |
| SEMO Finance System / ERP | | | | 0.89 | 1.58 |
| Audit and Compliance Tool | | | | 0.09 | |
| SharePoint Online Mods Documentation | | | | 0.38 | |
| | | | | | |
| Total Unpredictable (€'m) | 2.16 | 1.12 | | | |
| Unforeseen hardware and software upgrades | 0.10 | 0.04 | | | |
| Market Evolution (Known Unknowns - Legislative/Regulatory changes etc) | 2.06 | - | | | |
| Greenlink | - | 1.08 | | | |
| | | | | | |
| Total Capital and Cloud (€'m) | 22.19 | 11.39 | | 4.11 | 1.67 |

- The forecast figures reflect SEMO's Submission indexed to 2024 monies. It does not reflect the DD. Future updates would reflect the FD decision indexed as required.
- As the RAs have proposed to allow RAB as incurred - there will be a correction to capture all AUC at the end of FY24 onto the RAB in FY25. The Forecast CapEx thus reflects the forecast spend in FY25 at the time of submission of the PC and the forecast AUC at the end of FY24 at that time.
- Actual figures are indicative
 - For Cloud they reflect the spend in the first 7 months of FY25
 - For CapEx they reflect the actual AUC as at the end of FY24 and the spend in the first 7 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.

CBAM Update

Amber Raut

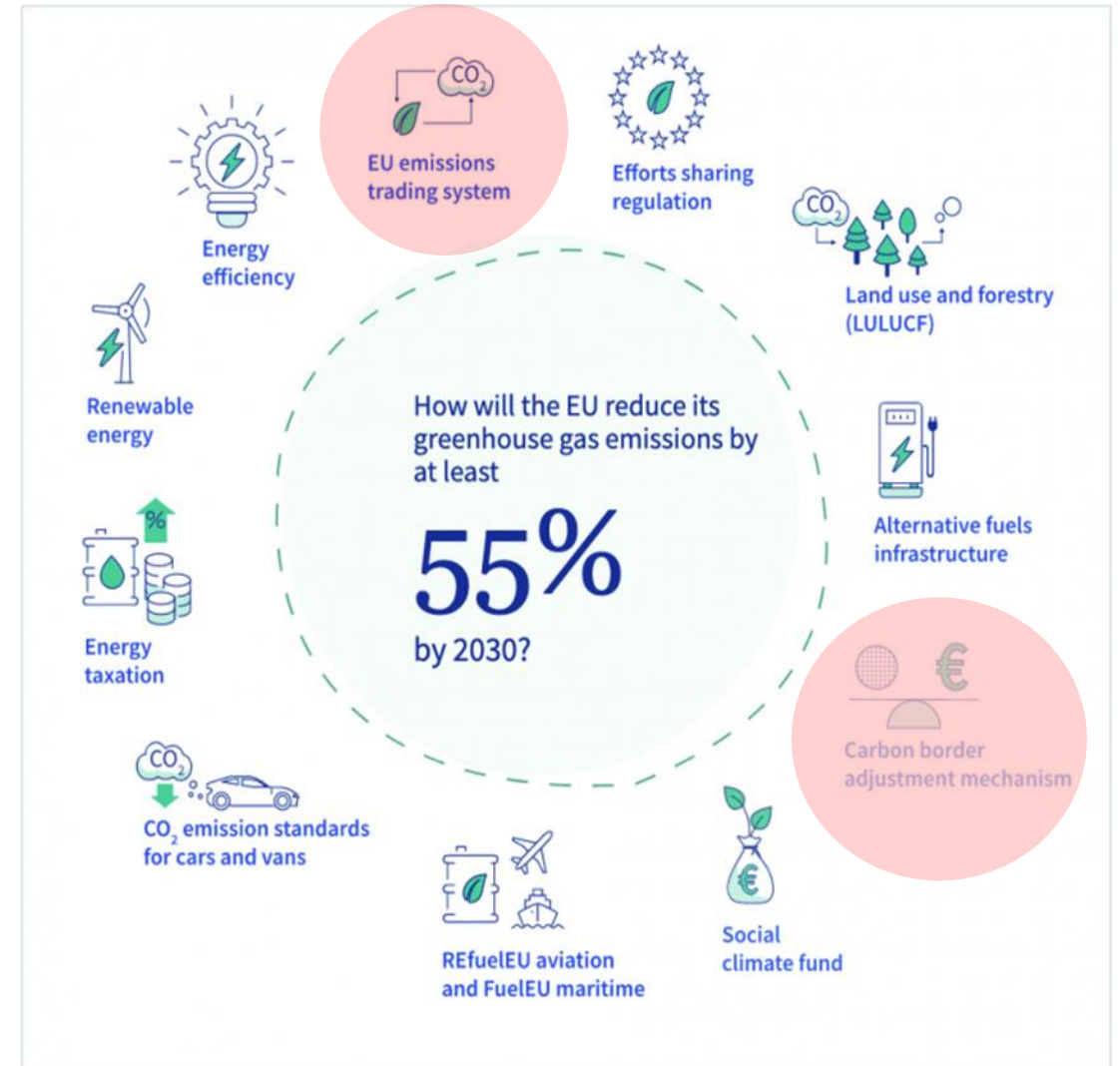


Contents

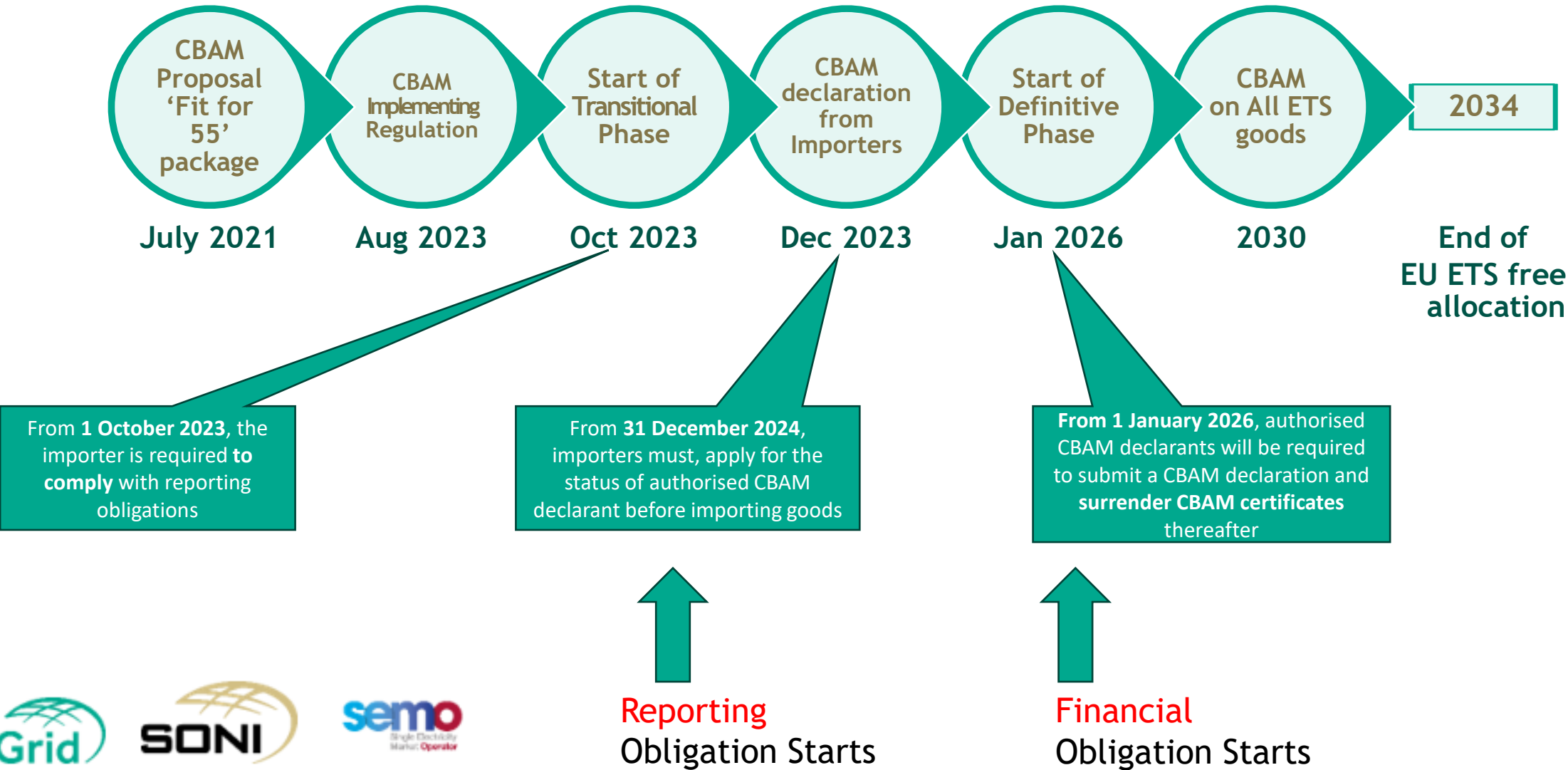
- What is CBAM?
- Implementation Timelines
- Considerations
- Factors affecting CBAM costs
- Developments in the CBAM space
- Estimated CBAM Costs
- Planned Solution
- Implications for Market Participants

What is CBAM?

- Complements the EU ETS on imported goods by mitigating risk of carbon leakage
- CBAM extends the concept of carbon pricing to imports for the first time.
- Requires importers to purchase CBAM certificates to ensure the emission costs paid in production of goods outside of the EU are equivalent to the EU ETS.
- It is a 'surcharge' to prevent countries from outsourcing production of carbon-intensive goods to regions with less stringent sustainability targets
- Targeted sectors include:
 - Iron and steel
 - Cement
 - Fertilisers
 - Aluminum
 - Electricity
 - Hydrogen



Overall CBAM Legislation implementation timeline:



Considerations

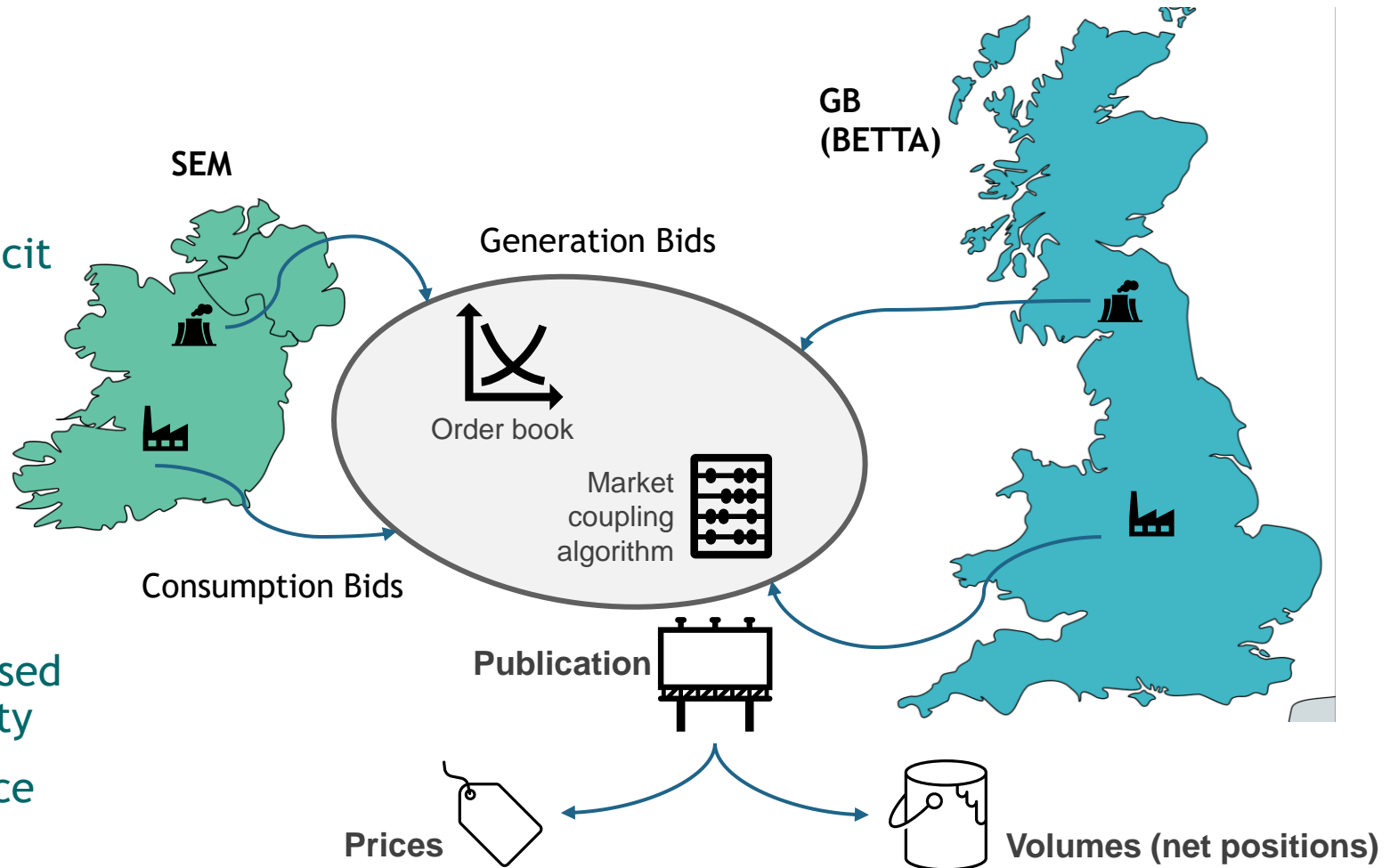
- SEM Implicit Auctions

Other regions have Explicit Auctions

- Most GB-EU interconnectors hold Explicit Auctions which may allow traders to price in CBAM certificates explicitly.

SEM has Implicit Auctions

- Difficulties relate to anonymity of implicit trading
- Difficult to determine who has purchased imported vs locally produced electricity
- Difficulty in demonstrating carbon price paid in GB as origin is anonymous.



Factors affecting CBAM Costs

Default/Alternative values for Emissions Factors

- Default value: CO2 intensity of electricity produced from fossil fuels over a 5-year period
- Issue: Overstating of CO2 emissions

Off-set for Carbon Price Already Paid

- Difficult to trace, as electricity is traded anonymously (in implicit auctions)
- Excessive carbon pricing exposure if no off-set for carbon prices already paid in GB i.e. EU ETS is c. €90/tCO2 which equates to c. €40/MWh (based on gas emissions factor)

Developments in the CBAM space

Proposed Amendments to CBAM

Added

- offset for UK ETS allowed

Retained

- Obligation on Electricity Imports
- SEM-GM not exempted

Still Missing

- Alternative values (incl. renewables) for emissions factors used for imports

EU-UK Summit

Added

- EU –UK to work towards establishing a link between their emission trading systems

Missing

- Timelines: Seeking further clarification on transitional arrangements. As it stands, CBAM would apply from 1st Jan 2026

Estimated Yearly CBAM Costs

CBAM costs are dependent on the final allowable calculation inputs:

| Allowable Attributes | Details |
|--------------------------|--|
| “Full EU ETS” | EU ETS Prices ~ €62/tCO2. Assuming all gas imports, implies ~ €30/MWh |
| “ETS difference allowed” | Allowed to offset EU ETS with UK ETS already paid. Based on current ETS prices and assumed all gas imports ~ €10/MWh Note: UK ETS Prices ~ €37/tCO2 |
| “Renewables allowed” | Allowed methodology for emission factor calculation (All Fossil vs Renewables Included). |
| Market Conditions | e.g. continued strong imports as was seen in 2024 |

Scenarios: Estimated costs for EWIC only imports based on 2024 imports

| Allowed Calculation | CBAM Cost | Increase in Import Costs*** |
|---|------------|-----------------------------|
| All Fossil, Full EU ETS* | 86m | 25% |
| Renewables allowed, Full EU ETS | 38m | 11% |
| All Fossil, ETS difference allowed** | 29m | 8% |
| Renewables allowed, ETS difference only | 13m | 4% |

** Existing CBAM Regulation
** Proposed Amended CBAM Regulation
*** EWIC estimated import value was €342m in 2024.

Planned Solution

- Revenue opinion is that the **Interconnector** itself is the **importer of electricity**.
- EirGrid already submit customs declarations for EIDAC based on Revenue requirements.
- CBAM obligations are linked to **customs declarations**.
- EirGrid on behalf of EIDAC have been performing the “**transitional reporting**” obligations for CBAM as instructed by EPA and Revenue.
- EIDAC intend to comply with CBAM obligations for the “**enduring phase**” from 1st Jan 2026 including the financial obligations for CBAM imports.
- EIDAC, to discuss **recovery of costs** with CRU.

Implications for Market Participants

- No direct reporting or direct financial obligations for CBAM for EWIC imports.
- Recovery of CBAM costs by Interconnector Owners to be agreed with CRU.

System Operations IE

Charlie McGee



TEG Dispatch May 8th/9th

North Dublin Network

BLC - Belcamp 220 kV Station

- Amazon Data Centre @ Darndale (~110 MW)

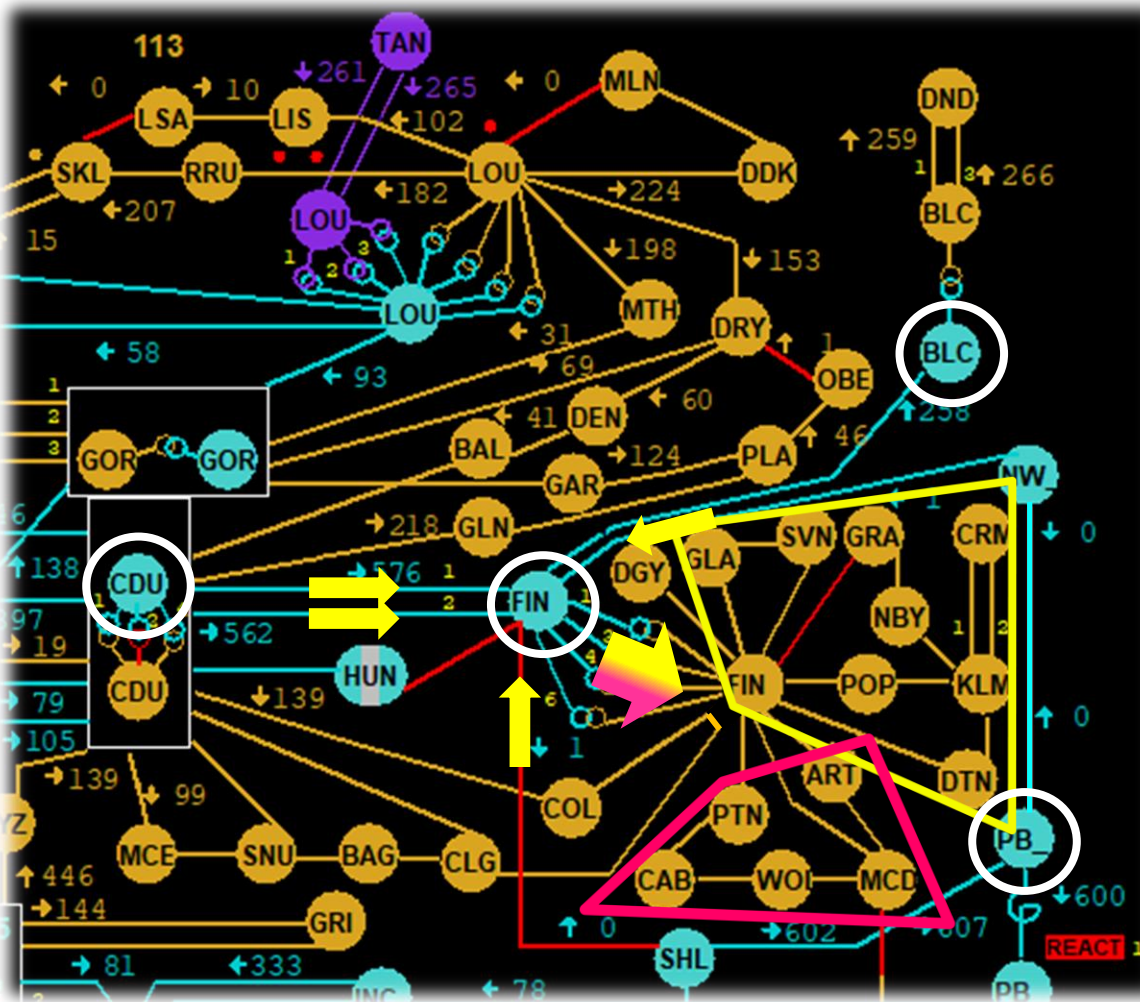
FIN - Finglas 220 kV Station

- 8 'Rural' 110 kV Substations (~210 MW)
- 5 'Urban' 110 kV Substation (~120 MW)

Total Demand ~440 MW

CDU - Corduff 220 kV Station

PB - Poolbeg 220 kV Station



Finglas & Belcamp meshed via
4 x 220 kV circuits

TEG Dispatch May 8th/9th

North Dublin Generation

HUN - Huntstown 220 kV Station

- Huntstown Unit HNC (342 MW)
- Huntstown Unit HN2 (402 MW)

SHL - Shellybanks 220 kV Station

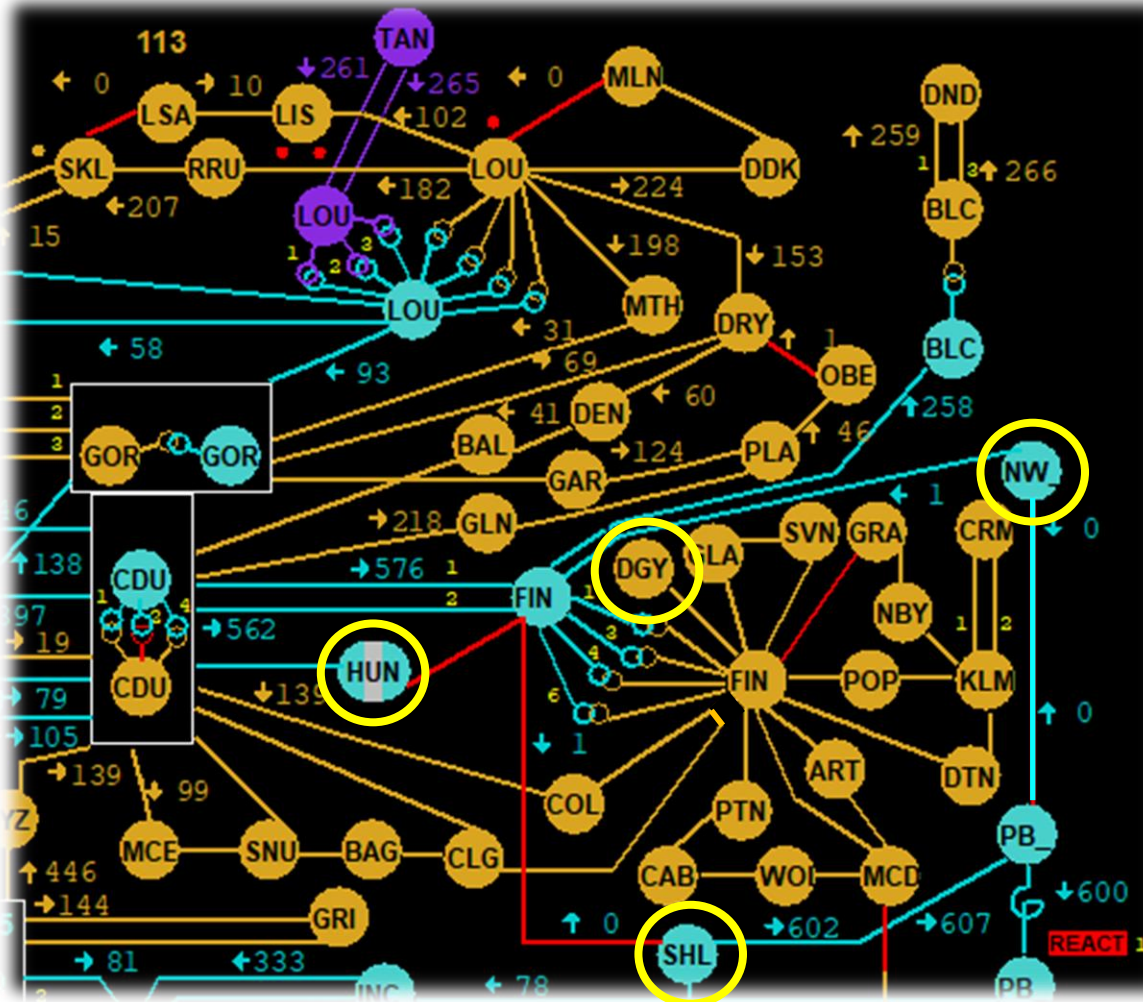
- 'Poolbeg' Units PBA & PBA (477 MW)

NW - North Wall 220 kV Station

- North Wall TEG Unit NW8 (193 MW)

DGY - Dunsoghly 110 kV Station

- 'Huntstown' TEG Unit DG1 (50 MW)



TEG Dispatch May 8th/9th

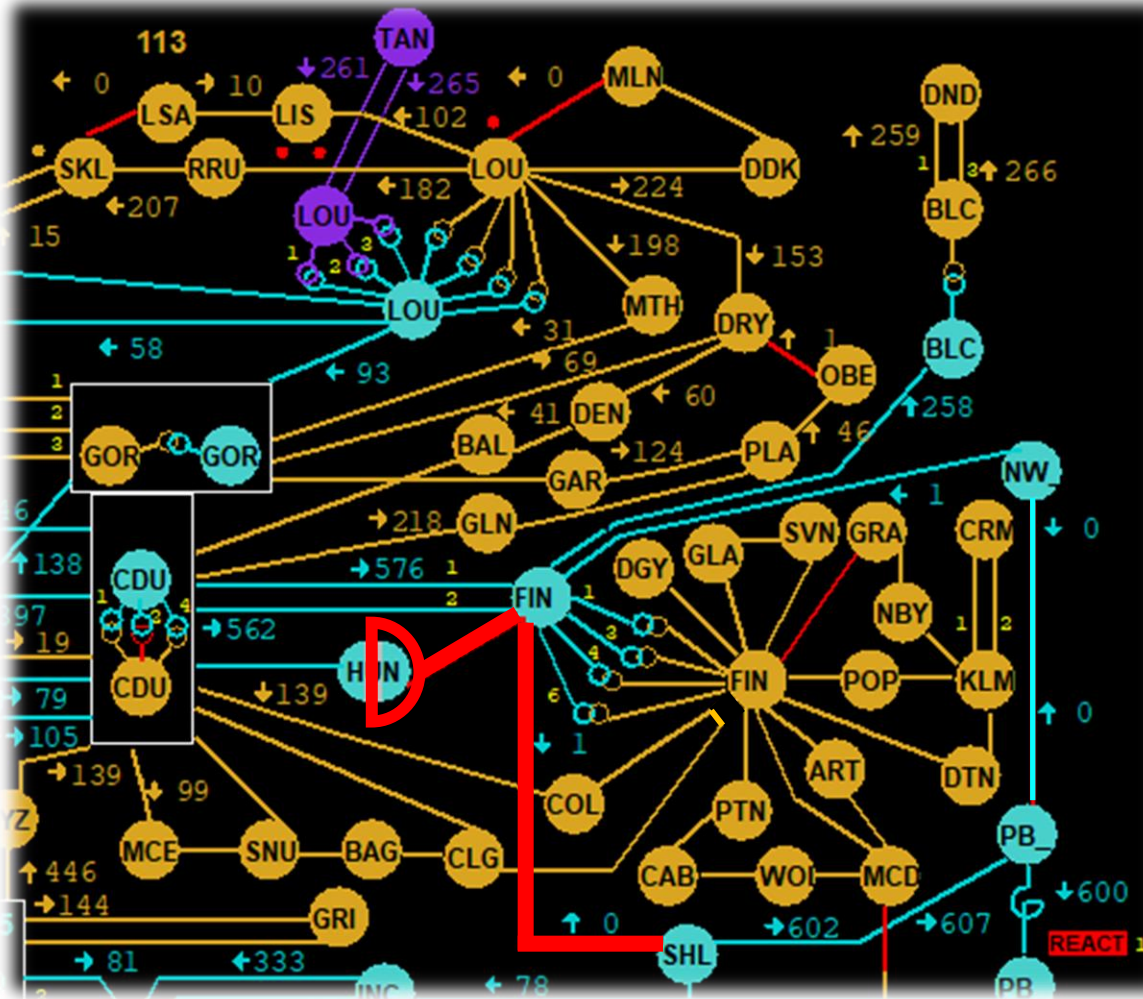
Pre Event

Huntstown Unit HNC on scheduled **outage**

Finglas-Huntstown 220 kV cable on **VO**

Finglas-Shellybanks 220 kV cable on **FO**

- Cable sheath faults repair



TEG Dispatch May 8th/9th

N-1 Contingency Event

North Wall-Poolbeg 220 kV cable trips @ 21:16

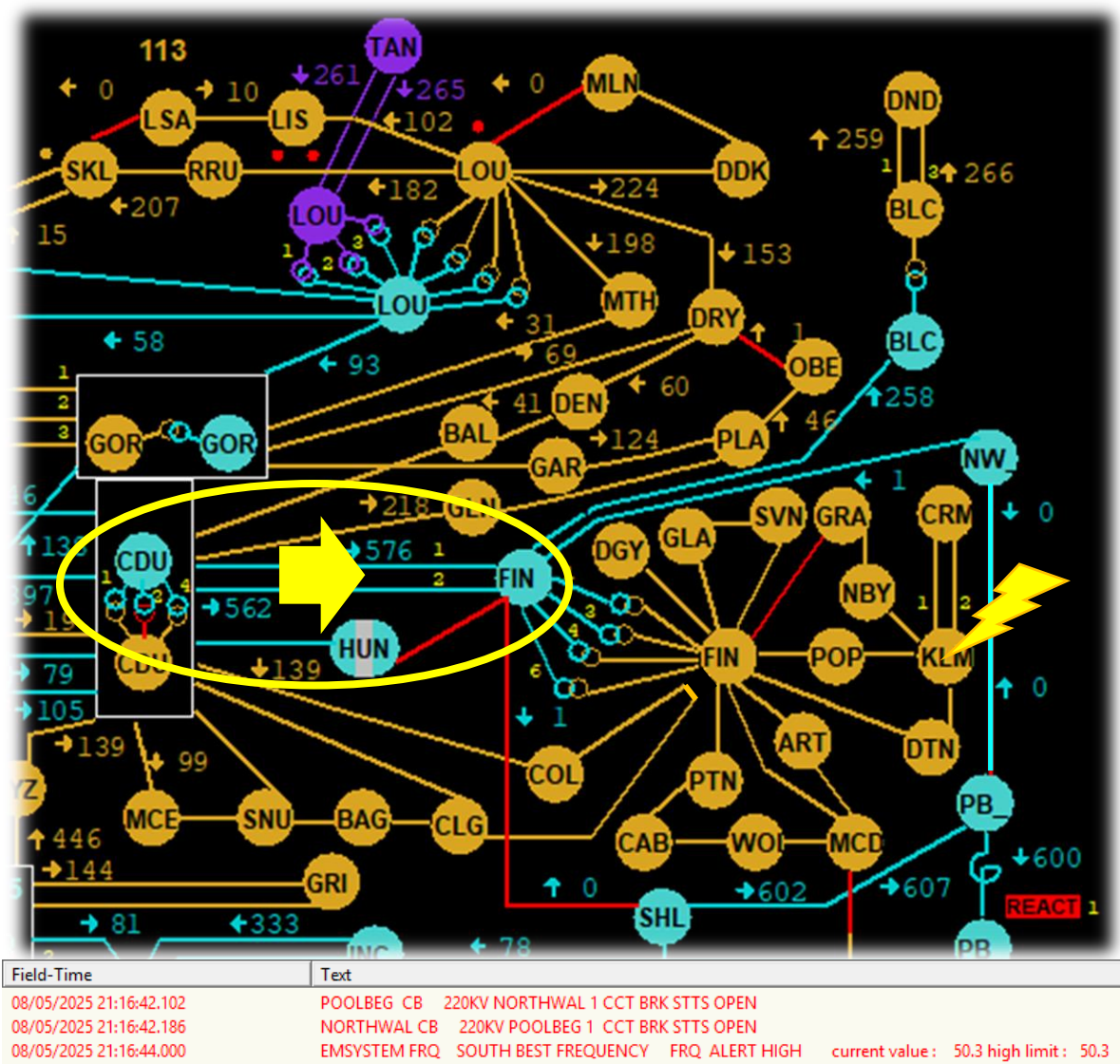
- T-phase-to-earth fault





Voltage dip trips ~400 MW of data centre demand to UPS

- System frequency zenith of 50.34 Hz

‘Base case’ system secure (no overloads)

Potential N-1 overload of either Corduff-Finglas 220 kV circuit (~122% of rated capacity)



| Warn | Contingency ID/Description | Monitored Element Description | | |
|---|---|-------------------------------|-------|----------------------|
| %90 | 100 | 110 | 120 | 130 |
| 116.6% |  | | | |
|  | CORDUFF - FINGLAS 2 | BR | 220kv | CDU2FIN1NFDR@CORDUFF |
| 116.5% |  | | | |
|  | CORDUFF - FINGLAS 1 | BR | 220kv | CDU2FIN2NFDR@CORDUFF |
| 103.8% |  | | | |
|  | INCHICOR - IRISHTWN | BR | 220kv | INC2PB_1NFDR@POOLBEG |

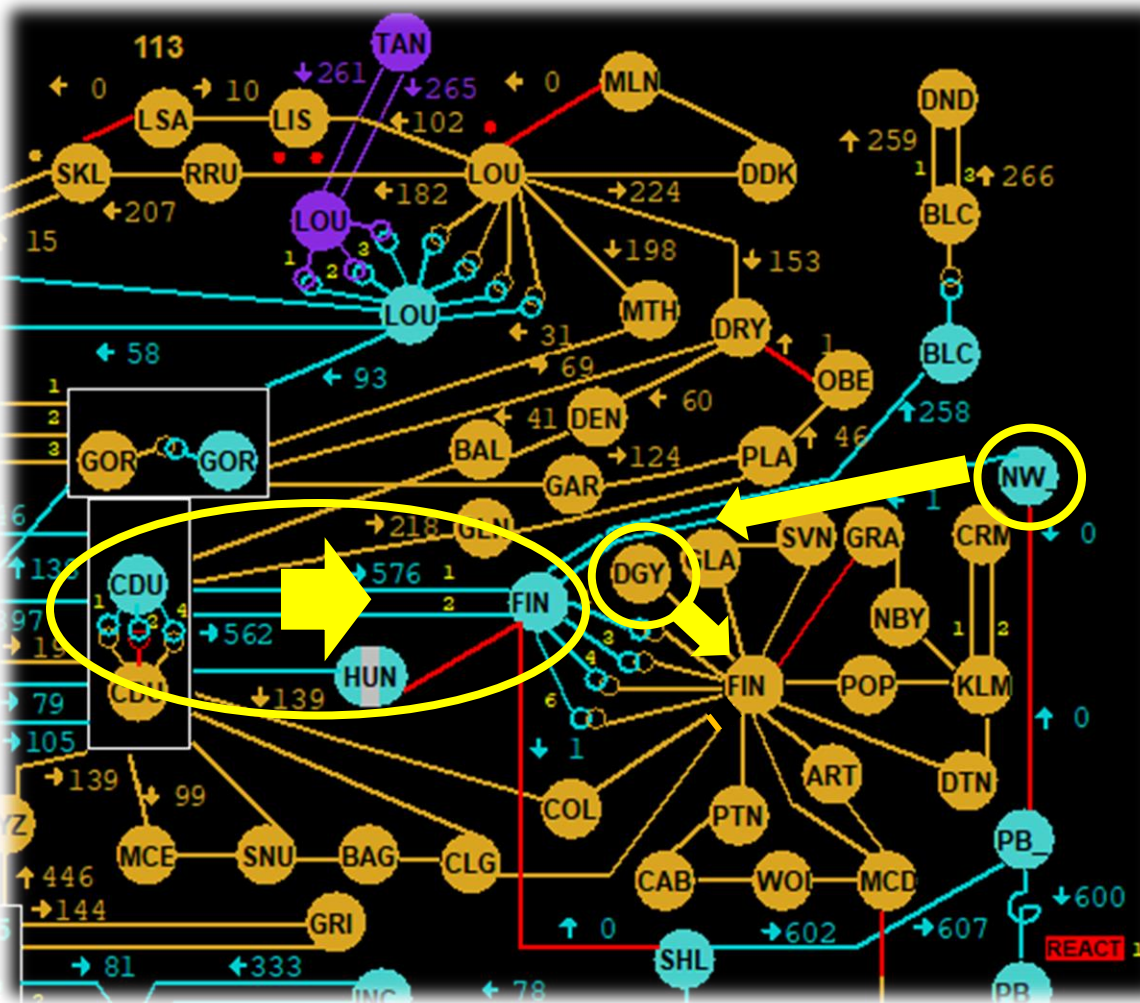
TEG Dispatch May 8th/9th

Post Event

Finglas / Belcamp / North Wall demand 'cul de sac'

No market-based resources available in 'cul de sac' to 'back off' power flow from Corduff

Dispatch of **TEG** units in 'cul de sac' only means of restoring N-1 security & averting System Alert State in near term*



ALERT (AMBER) STATE

2. At least one contingency from the contingency list leads to a violation of operational security limits, even after the activation of remedial actions; or

Coordinated with DSO to have load transferred out of 'cul de sac' at 38 kV, reducing but not removing reliance on **TEG** units

* As provided for under Section 5.5 of 'Treatment of Temporary Emergency Generation (TEG)' System Operations Policy

TEG Dispatch May 8th/9th



Post Event

Finglas-Shellybanks 220 kV cable conditionally returned to service from **FO** with capacity restrictions on May 9th

Possible to partially feed unit PBA or PBB into north Dublin, eliminating necessity to dispatch **TEG** units

ESB Networks have identified location of fault on North Wall-Poolbeg 220 kV cable & repairs are now underway

System Operations NI

Stephen McClure



Temporary Arrangements for System Security

- Following an exceptional event at Ballylumford Power Station, and the amount of run-hour restricted generation in NI, SONI implemented temporary measures to ensure security of supply would be maintained for:
 - Upcoming C30 major outage
 - Other planned interconnector and generator outages
 - Ability to accommodate unplanned Forced outages
 - Expected Winter demand levels 2025 - 2026
- This change was implemented for a system security issue; it did not consider impacts to cost or dispatch down, and involved system limitations
- The primary objective was to conserve run-hours

2 Machine Running - Operational Challenges

- Initially the two thermal machines available that were not run hour restricted (C30 and B22 open cycle) were a low inertia combination
- Transiently stable flows to and from Ireland via the TAN-LOU Tie-Line were limited
- This limited the quantity of wind/PV that could be accommodated; although this was somewhat counter-acted by the lower min gen (compared to 3 set operation).
- To meet All-Island inertia requirements, an additional machine was committed in Ireland at times
- NI OCGTs were run more than usual in lieu of bringing on a third set in NI
- Significant increase in transient stability violations appearing which had to be managed all-island in real time

Return of Generation

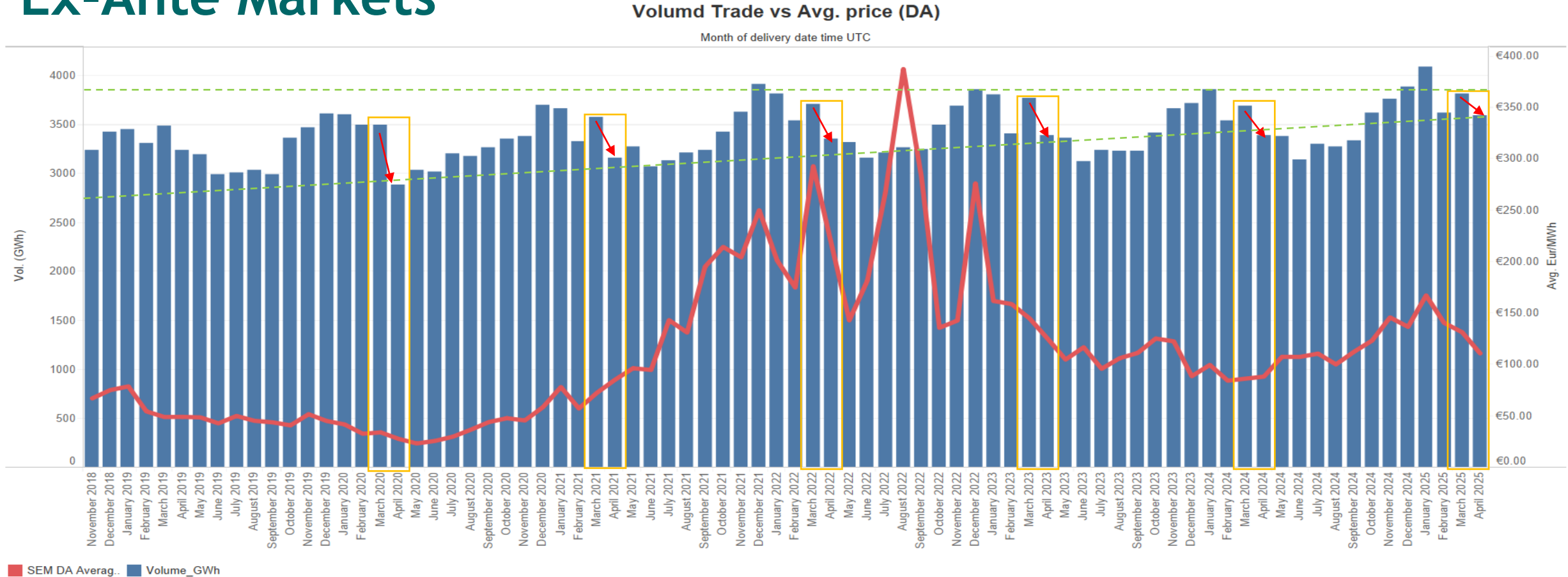
- On 4th April, ST20 at Ballylumford Power Station returned to service for B22, making it the closed cycle B32 unit, and not run hour restricted
- This additional inertia allowed more power to be transferred to Ireland via the Tie-Line and significantly lower transient stability risk
- On 12th April B10 returned to service, resulting in NI having 3 units available which are not run hour restricted, and as there was no longer a need to conserve run hours, the temporary arrangements were therefore removed
- SONI want to progress to 2 set operation, in a beneficial, non-restrictive manner
- This is currently being thoroughly studied so we can ensure that:
 - It does not limit Tie-Line flows,
 - Is economically viable,
 - Minimises dispatch down,
 - And does not add undue risk
- SONI will be bringing the study results to the OPRC in June

Ex-Ante Markets

Thomas Whelan



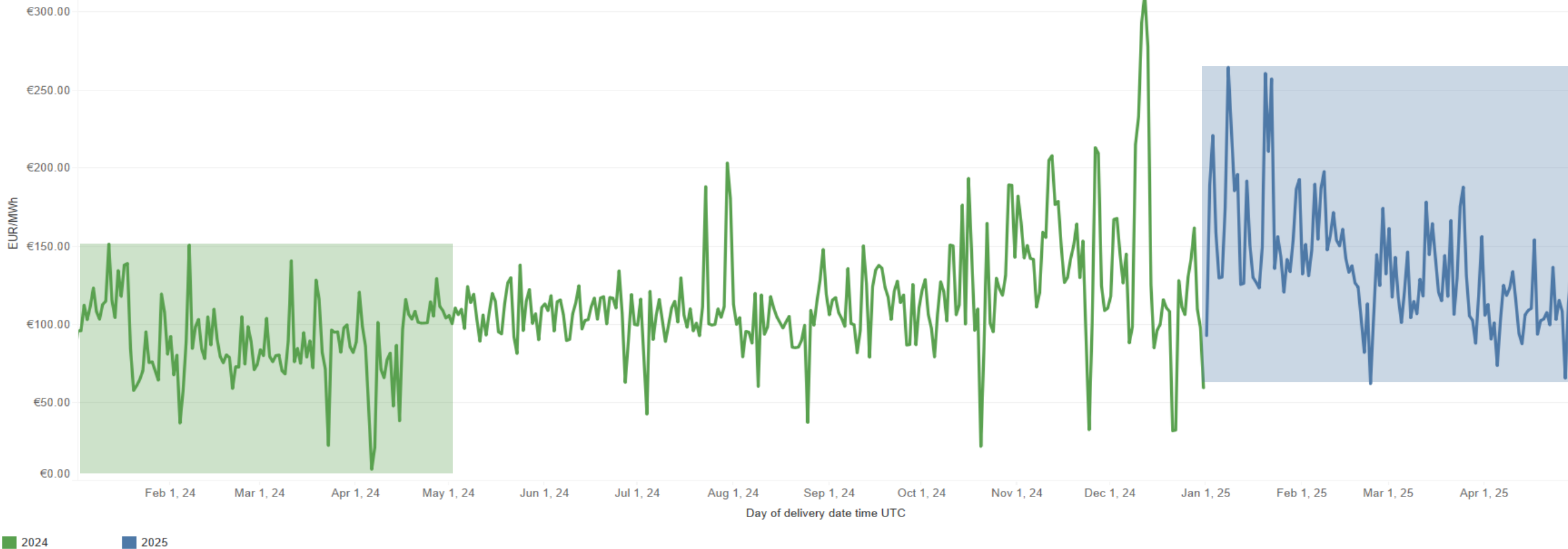
Ex-Ante Markets



- Traded volumes in the DAM showed a seasonal trend, there was a 4% increase in 2025 on traded volumes in February & March compared to 2024, this is highly correlated with an increase in demand.
- March and April had an average price of €131.76 per MWh and €111.17 per MWh, respectively. Approximately 27% less than the average price observed in January 2025.

Ex-Ante Markets

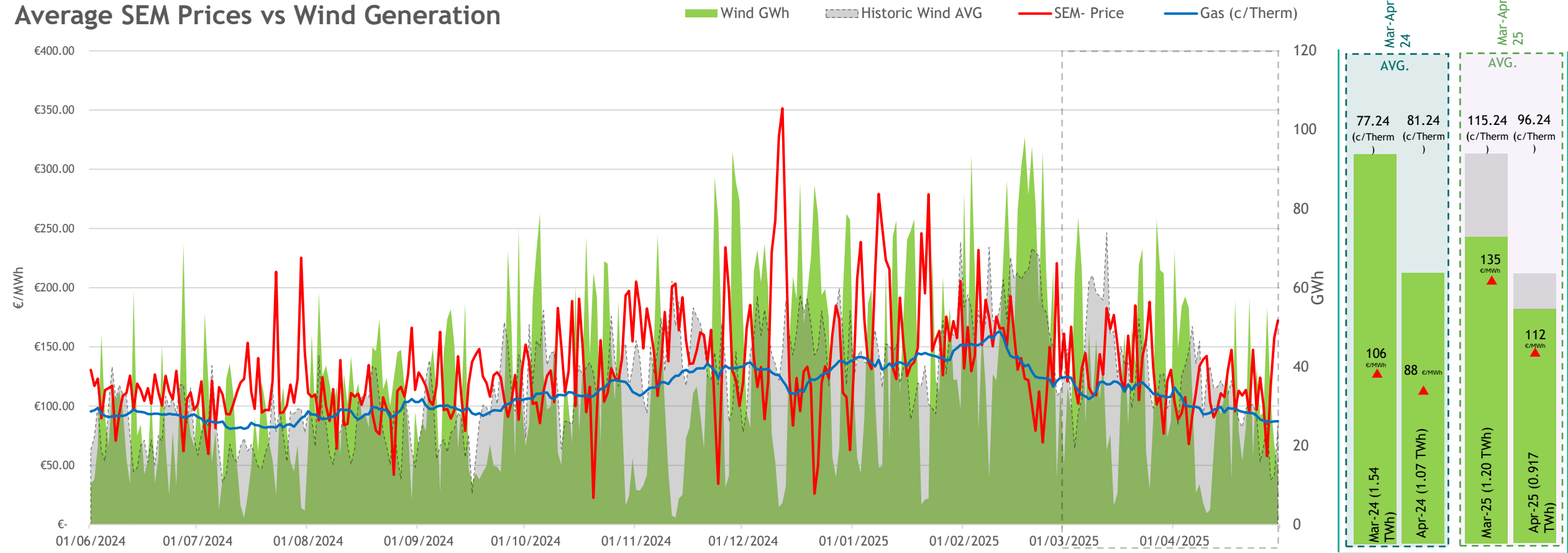
Ex-Ante Markets - (DA) Daily Prices



- To date in 2025 there is an increase in Day-Ahead prices within the SEM compared to the same period in 2024, this is due to an increase in gas prices and lower renewable generation compared to 2024.
- 2025 DAM prices showed an increase of 53% compared to the same period in 2024.

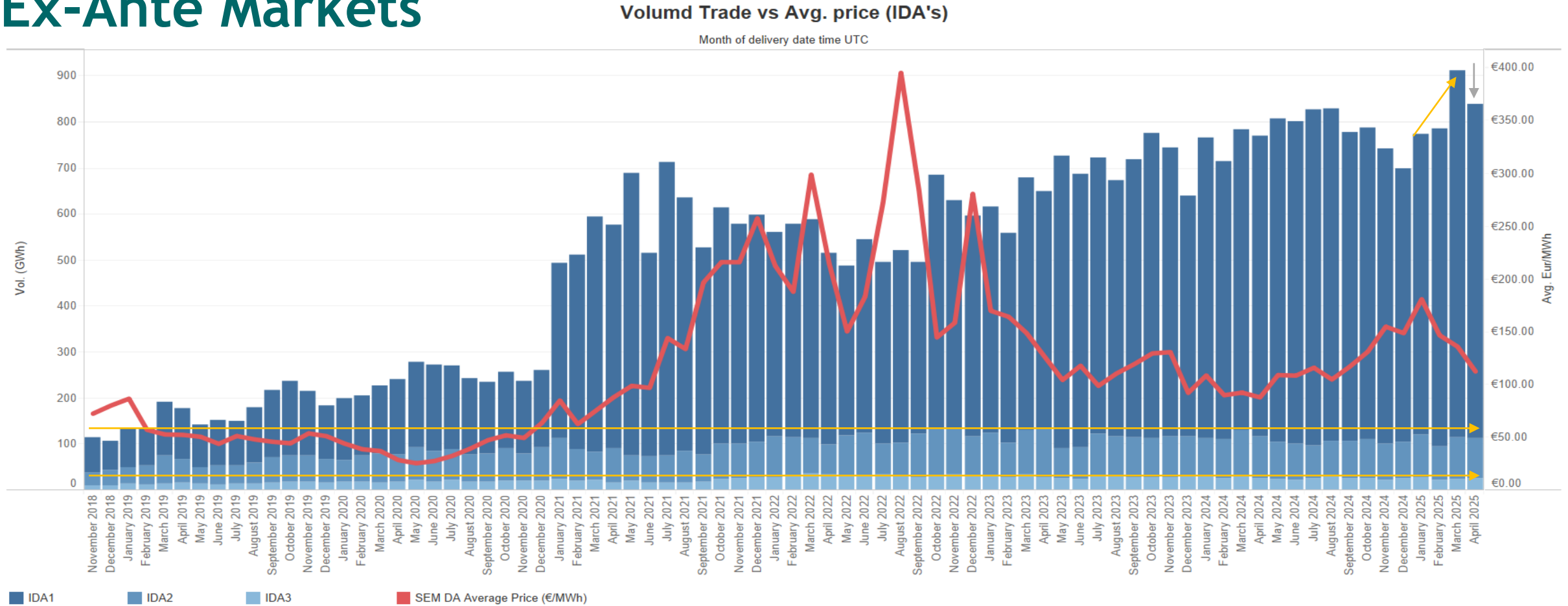
Ex-Ante Markets

Average SEM Prices vs Wind Generation



- March & April 2025 showed a 19% decrease in wind generation compared to 2024.
- Despite a drop in gas prices, prices in April 2025 were 18% higher than in 2024.
- Solar generation has increased, from January to April generation equated to 0.22 TWh, 69% more than that seen in the same period in 2024.

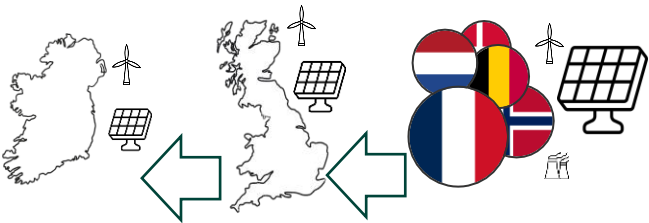
Ex-Ante Markets



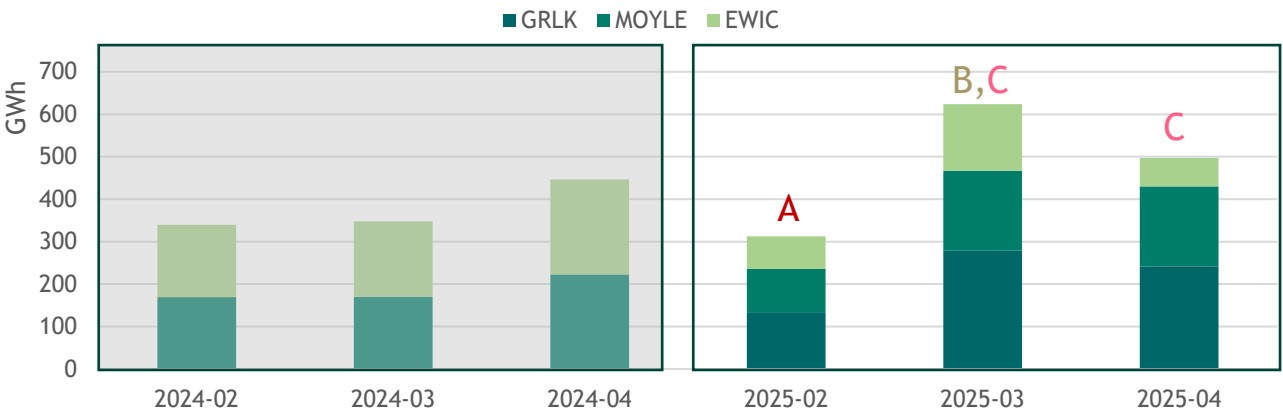
- Traded volumes in the IDA1 continues to be influenced by the interconnector.
- Traded volumes in the IDA2 and IDA3 have remained constant without any significant changes recently.
- In March IDA1 traded volumes peaked, this is directly related to an increase in import flows from GB.

Ex-Ante Markets

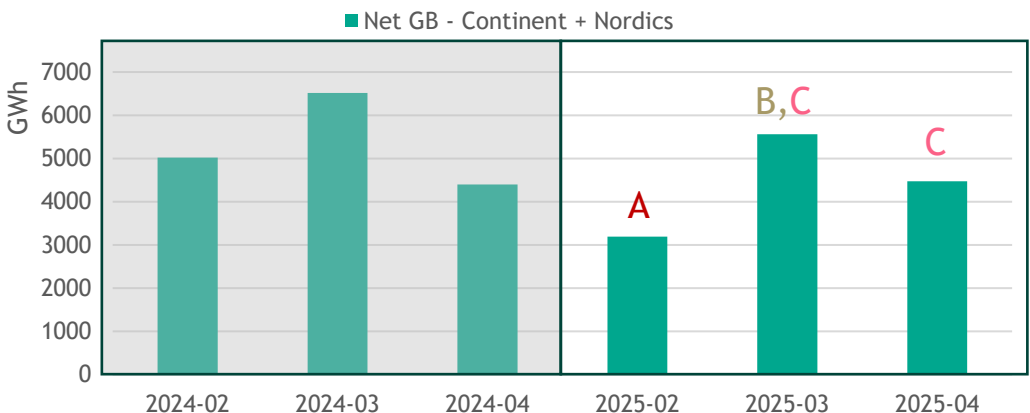
- GB was a net importer from February to April, with February being the month with the lowest net imports due to a decrease of renewable generation on the continent.
- SEM experienced the same trend as GB with an increase in its export flows in February, reducing the overall net import.
- Wind generation across Europe underperformed compared to 2024, however, solar generation has shown record generation levels in the year to date.



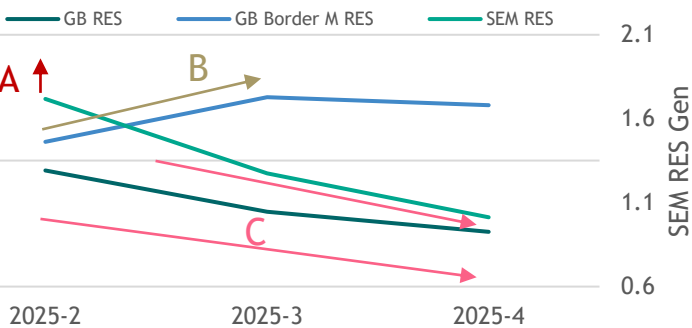
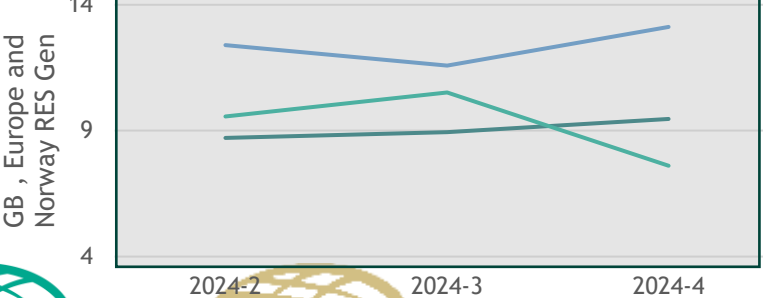
NET Flows SEM - GB



Sum of Net Flows GB - Continent+Nordics



RES Generation



A) Good wind generation SEM.
B) Good Solar generation in Europe.
C) Drop of wind on GB and SEM, Solar not enough to balance the RES deficit.



SEMO Trading

Michael Rainey



Imbalance Pricing

Upcoming Outages

- 4th June 2025 - Imbalance Pricing (10:00 - 11:30)
- 16th June 2025 - Balancing Market Outage (20:00 - 00:00)
 - BMI and Imbalance Pricing
- 17th June 2025 - Imbalance Pricing (10:00 - 12:00)
- 19th June 2025 - Imbalance Pricing (11:00 - 12:00)
- 23rd June 2025 - Imbalance Pricing (13:45 - 15:45)

Repricing Update

| Repricing Dates | ISPs Impacted | Summary of Issue | Materiality Assessment Publication Date | Publication of Updated Prices |
|-------------------------|----------------|---|---|-------------------------------|
| 10/09/2024 | 02:30 to 11:30 | Incorrect application of Wind DIs | 6th Feb 2025 | 13th Feb 2025 |
| 30/09/2024 - 01/10/2024 | 18:00 to 00:30 | SO Trade price and volume | 13th Feb 2025 | 20th Feb 2025 |
| 13/12/2024 - 14/12/2024 | 23:30 to 08:30 | Incorrect application of Wind DIs | 26 th March 2025 | 3 rd April 2025 |
| 17/12/2024 | 15:00 to 15:30 | Incorrect calculation of QBOA for Wind Units immediately after Imbalance Price Outage | TBC | TBC* |
| 30/04/2025 | 10:30 to 17:00 | Incorrect application of Wind DIs | TBC | TBC |
| 09/05/2025 - 15/05/2025 | 08:30 to 01:00 | Incorrect application of Wind DIs | TBC | TBC |

Balancing Market Repricing Calendar

TBC* - Repricing may require a software fix from the vendor, to be deployed in a future system release



SEMOpX Trading

Amy Yeung



ETS Releases

- No upcoming ETS releases



ETS Maintenance Windows

| Date & Time | Impact | Reason | Communication |
|-------------|-------------|---------------------|--|
| 10/06/2025 | Maintenance | Ad-hoc Maintenance | OMM message (email sent a week in advance and on the same morning) |
| 08/07/2025 | Maintenance | Monthly Maintenance | OMM message (email sent a week in advance and on the same morning) |
| 12/08/2025 | 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 2nd Tuesday of the Month.



M7 Releases

| Version | Content | Impact | Timeline |
|---------|---------|------------------------------|----------------|
| 6.19 | TBC | Includes v7 API new messages | 10th June 2025 |

*All SEMOpx members must download the mandatory version of M7 Comtrader 6.19 available here: <https://portal.m7.energy/semox/extra/> (Client will be available two weeks before the release)



M7 Maintenance Windows

| Date & time | Impact | Reason | Communication |
|-------------|-------------|--------|--|
| 10/06/2025 | Maintenance | v6.19 | M7 chat message (1 hour before the maintenance) + OMM message (email sent a week in advance and on the same morning) |
| 08/07/2025 | Maintenance | TBC | M7 chat message (1 hour before the maintenance) + OMM message (email sent a week in advance and on the same morning) |
| 12/08/2025 | Maintenance | TBC | M7 chat message (1 hour before the maintenance) + OMM message (email sent a week in advance and on the same morning) |
| 09/09/2025 | 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 2nd Tuesday of the Month.

SEMOpX Updates

Consultation on Future SEMOpX Products

- To enhance trading services, SEMOpX have identified several possible products in the Ex-Ante Markets that may be beneficial to our members and will begin a product consultation process within the coming weeks, where input from our members will be vital in identifying suitable products which will be available across the DayAhead Auction, all IntraDay Auctions and Continuous Market. This consultation process will:
 - Deliver a product consultation paper to all members for review
 - Outline all available products (as part of the consultation), the features and benefits that these products provide
 - Facilitate a method for feedback
 - Host a workshop to discuss these products in detail with a product specialist
- Publication of the product consultation paper will be issued by week ending 13th June 2025

SEMOpX Updates

Market Coupling Consultative Group (MCCG)

- Forum to facilitate discussions amongst NEMOs, TSOs and market participants on issues or updates related to the design, development, implementation, and operation of the Single Day-Ahead Coupling (SDAC) and Single Intraday Coupling (SIDC)
- The next MCCG meeting is on 2nd June 2025
 - Agenda ([Link here](#)):
 - ❖ SDAC 15Min MTU update
 - ❖ SDAC Fallback Improvements
 - ❖ SIDC 15Min MTU update
 - ❖ SIDC IDAs Liquidity Update
 - ❖ Implementation of 30 min IDCZGCT
 - ❖ Methodologies' Updates and Consultations
 - ❖ SDAC-SIDC Roadmap and Key Projects
 - Registration: [Link here](#)

SEMOpX Updates

Public Consultation of NEMOs and TSOs on the Co-optimisation R0 Report

- Co-optimisation integrates energy market bids with balancing capacity bids in the Day-Ahead Market algorithm and subject to cross-zonal exchange to maximise the sum of economic surplus in both markets.
 - More efficient way to use scarce resources for energy, balancing capacity and cross-zonal exchange capacity
 - Implementation of co-optimisation involves significant changes that will affect all market participants
- The NEMOs and TSOs, in cooperation with ENTSO-E, launched a public **consultation of the Co-optimisation R0 report** (the first report covering R&D on the bidding products, bid designs and pricing) in line with ACER Decision 11/2024 of 23 September 2024.
- Public Stakeholder Workshop will be held on 11th June 2025 to address any specific questions and provide information about the Co-optimisation R&D details ([registration link](#))
- Stakeholders can provide their responses via the **ENTSO-E consultation hub** ([Link Here](#)) by the end of June 2025.
- If any questions, please email info@semopx.com



DAM 30 Minute MTU Updates

Project Updates

- New Go-live date announced by MCSC: 30th Sept 2025 (for Delivery Date 1st Oct 2025)
- Market Coupling Steering Committee's priority to ensure high-quality solution for the 15 min MTU (DAM30 Min MTU in SEM) go-live
 - SDAC functional, procedural and acceptance tests are successfully completed
 - SDAC member testing completed (outcomes on next slide)
 - NEMOs and TSOs' final preparation phase for go-live is ongoing until go-live
- MATS SIMU Trading Systems will remain open for testing until go-live



DAM 30 Minute MTU Updates

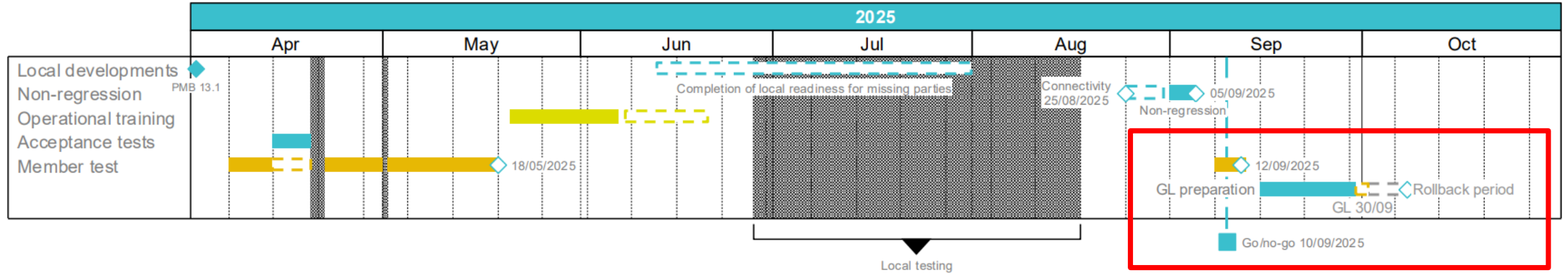
SDAC Joint Member Testing Outcomes

**Normal day scenario for SEMOpX*

| Day | # | Test Day | Scenario | Test Result |
|-----|----|---------------|--|--|
| Mo | 1 | 7 April 2025 | Normal day (with nominations) | Completed with delay |
| Tu | 2 | 8 April 2025 | Full decoupling (with nominations) | Completed |
| We | 3 | 9 April 2025 | Partial decoupling Nordic region (with nominations) | Completed |
| Th | 4 | 10 April 2025 | Second calculation due to bidding error management | Completed |
| Tu | 5 | 22 April 2025 | Normal Day | Completed with delays - Slight delay in results publication due to local issues with EPEX trading system. |
| We | 6 | 23 April 2025 | Max / min price reached + curtailment | Completed - Max price reached and results published on time. |
| Th | 7 | 24 April 2025 | No liquidity in a given time resolution (15Min MTU)* | Completed but not successful - Under investigation. Decision on the repetition of the scenario pending. |
| Mo | 8 | 28 April 2025 | Daylight Saving Time (DST) - Long Clock Change (LCC) | Completed with delays - Delay in publication of result. The cause was an issue with the order book submission for a market participant in Czechia. |
| Tu | 9 | 29 April 2025 | Normal Day | Completed |
| We | 10 | 30 April 2025 | Normal Day | Completed |
| Mo | 11 | 5 May 2025 | Max number of blocks* | Completed - Paradoxically rejected curves were triggered in most NEMOs; market conditions were prepared correctly by NEMOs. For SEMOpX, a Normal Day scenario was facilitated and completed successfully. |
| Tu | 12 | 6 May 2025 | Paradoxically rejected hourly curves* | Completed |
| We | 13 | 7 May 2025 | Normal Day | Completed |
| Mo | 14 | 12 May 2025 | Normal Day | Completed |
| Tu | 15 | 13 May 2025 | Normal Day | Completed |
| We | 16 | 14 May 2025 | Normal Day | Completed with Delay - Cause of delay: due to an operator error; a resubmission of order books was needed. |
| Th | 17 | 15 May 2025 | Normal Day | Completed |

DAM 30 Minute MTU Updates

SDAC 15Min MTU Timeline

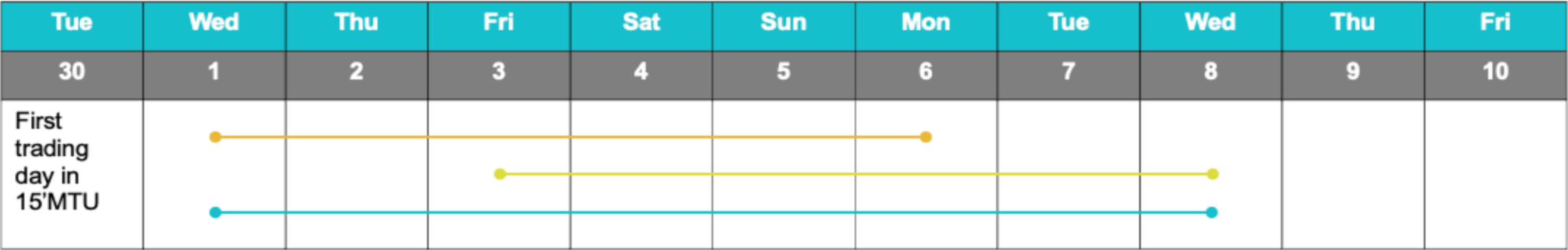


■ Impact on Members:

- ✓ Additional 1-week of Member Testing in first half of Sept 2025
- ✓ 2-week go-live period preparation period before go-live (may be extended to 3 weeks if strongly requested by market participants)
- ✓ Go/No-go decision on 10th Sept 2025
- ✓ 1-week rollback period following go-live

DAM 30 Minute MTU Updates

Rollback Timeline



- Days on which the rollback can be activated by MCSC after the trading session during which the second incident occurred.
- Days on which the first trading day in 60'MTU could fall
- Days on which the parties could be implementing the rollback in their systems

- ✓ Rollback may be activated if 2 full/partial decoupling incidents occur during Rollback Activation period (30th Sep - 6th Oct)
- ✓ Rollback implementation within 2 calendar days:
 - ✓ Earliest day on which the 1st trading day in 60'MTU could fall is the 3rd of October
 - ✓ Latest day on which the 1st trading day in 60'MTU could fall is the 8th of October

Multiple Auction Trading System Updates

MATS Project Updates

- Rescheduled MATS Go-live date is now 28th August 2025 (first auction date)
- MATS Release #3 on 30th June 2025
 - Includes Trading Limits
- MATS Certificate Issuing on 28th July 2025
 - Applicable to Web Client and API users - [GoTo Webinar #7 - [link here](#)]
- Change Freeze in MATS from 1st August 2025 until go-live
- Production Environment Opening on 14th August 2025
- ETS Users to update emails before MATS go-live: email SEMOpx Registration
 - Every user must have an email address (mandatory in MATS)



Multiple Auction Trading System Updates

MATS Project Updates

- **MATS SIMU1 Additional Member Testing Sessions**
 - Optional tests but participation is strongly advised
 - No registration required; place bids in SIMU1
 - Test auctions will run in local mode with published final results

| Test Date | Scenario | Description | Scope |
|------------|---------------------|---|--------------|
| 04/06/2025 | Production-like day | Use production-like orders from ETS from the week before (reference auction day: 28 May) | ALL auctions |
| 11/06/2025 | Production-like day | Use production-like orders from ETS from the week before (reference auction day: 04 June) | ALL auctions |
| 18/06/2025 | Cancel auction | Market operations will cancel all auctions after publication | ALL auctions |
| 25/06/2025 | Trading on behalf* | Send trading on behalf forms to MATS Support | ALL auctions |

*This scenario / Trading on behalf forms only apply to Trading members, ISVs are excluded but can still submit orders on their own.

Multiple Auction Trading System Updates

MATS Project Updates

- **MATS SIMU2 Configuration Update**
 - Updated on 28th May 2025 to include all other auctions
 - Auctions will run every day in local mode to allow free testing
 - **NOTE**: To allow for upgrades, MATS SIMU2 will be unavailable between 16th - 27th June 2025
- **MATS Trading on Behalf Forms**
 - Trading on Behalf procedure will remain unchanged between ETS and MATS
 - Slight changes to the templates (ie. MATS naming convention and format)
 - Will be available on the [SEMOpx Website](#)
- **05 - MATS Client Certificate Guide For Web Client & API App**
 - Updated version 1.1 will be made available in the [SEMOpx Member's Area](#)
- **MATS API Portal Updates**
 - Details will be made available in the [SEMOpx Member's Area](#)



Multiple Auction Trading System Updates

MATS Project Updates

- MATS GoTo Session #5 (Web client updates) on 17th April 2025 - [\[link here\]](#)
- MATS GoTo Session #6 (API deep dive) on 29th April 2025 - [\[link here\]](#)
- MATS GoTo Session #7 (Trading limits, API conformance test & client certs) on 22nd May 2025 - [\[link here\]](#)
- MATS GoTo Session #8 on 3rd July 2025

- MATS SIMU1 Release #2 Info from 13/05/2025 - [\[link here\]](#)
 - Updated Fundamentals v1.2 - [\[link here\]](#)
 - Updated API Packages v1.6 - [\[link here\]](#)

- API Conformance Testing (MS Forms links):
 - [MATS API App & Client information Details Form](#) (Mandatory pre-requisite for conformance test registration)
 - [MATS API Conformance Test Registration Link](#) (to be filled in asap during your implementation phase)

- Member Readiness Forms - [\[link here\]](#)
 - Self-assessed readiness checklist - continue to be updated by members until go-live

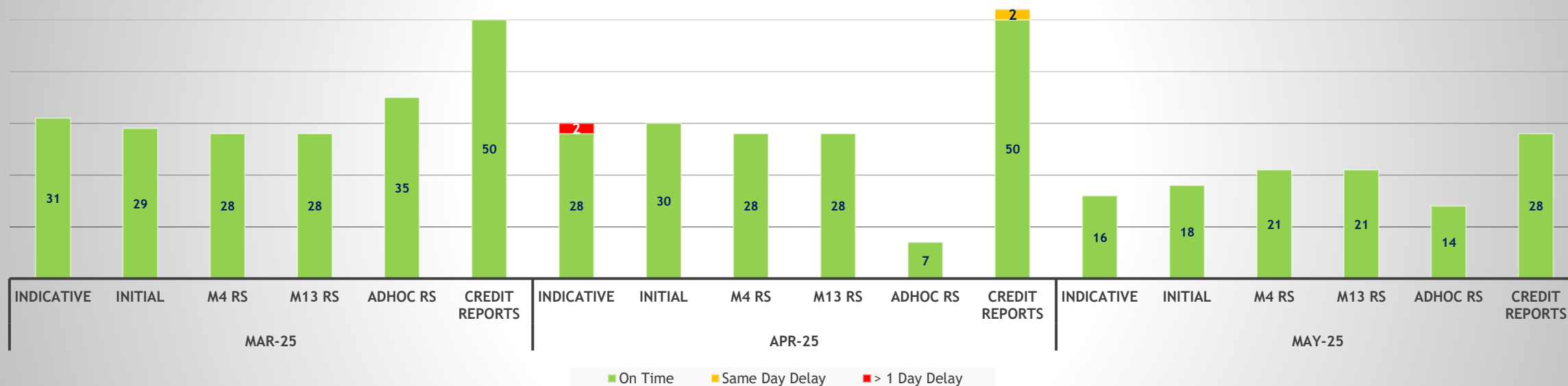
Settlements

John Tracey



Settlement Publications & Timelines: 1st March - 16th May 2025

Settlements Publications: Indicative, Initial, Resettlement (RS) and Credit Reports



March 2025

- **201** settlement publications on time
- All issues now resolved

April 2025

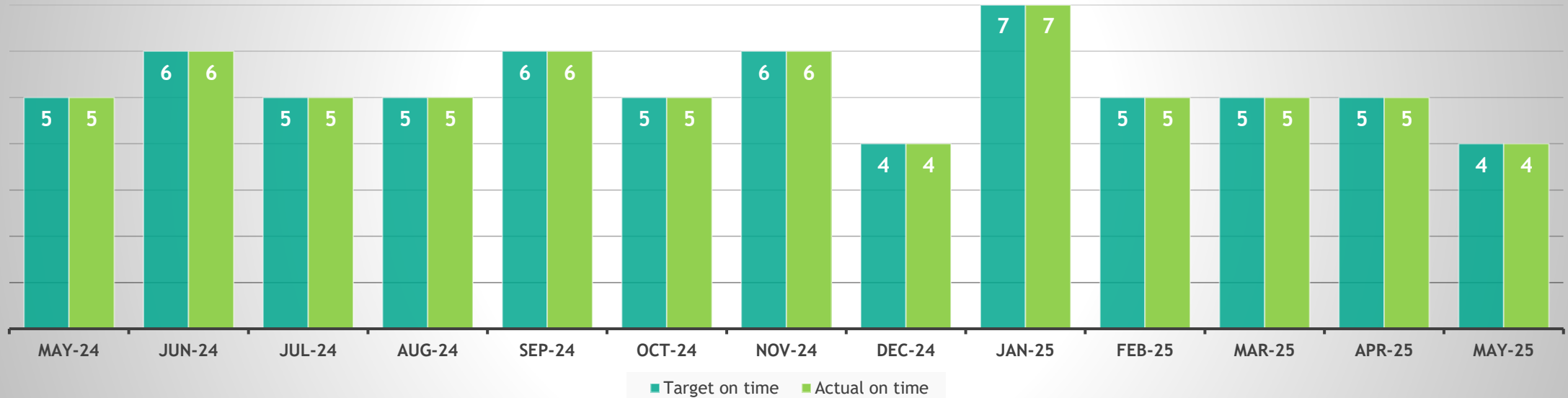
- **171** settlement publications on time
- 2 delayed Indicatives due to Instruction Profiler Issue.
- 1 delayed credit report due to Balancing Market Outage. 1 delayed credit report due to internal system delay.
- All issues now resolved

May 2025

- **118** settlement publications on time
- All issues now resolved

Settlement Documents Publications

Settlement Documents : 01 May '24 - 16 May '25 (BALIMB,Capacity and MO Invoicing)



Settlement Document updates:

- **68** Settlement Documents (SDs) published on time between 1st May 2024 and 16th May 2025 (includes BALIMB, Capacity and MO Invoices)

Settlement Documents to issue Tuesday 3rd June 2025

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

| Settlement Document for Tuesday 03 rd June | |
|---|--|
| INITIAL BALIMB - (18/05/2025 - 24/05/2025) - Week 21 2025 | |
| M+4 BALIMB - (26/01/2025 - 01/02/2025) - Week 05 2024 M+4 CRM -January 2025 | |
| M+13 BALIMB - (28/04/2024 - 04/05/2024) - Week 18 2024 M+13 CRM - April 2024 | |



Market Interface

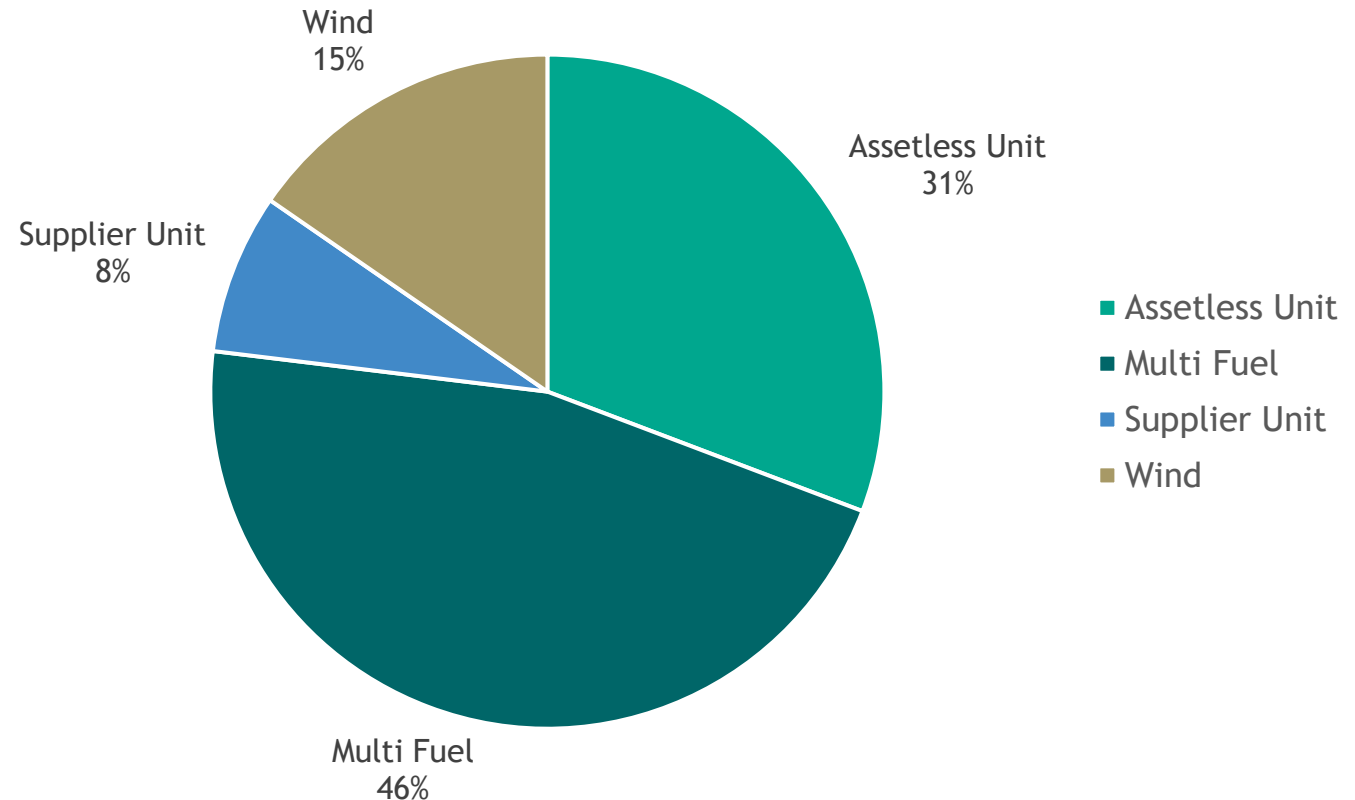
Rosaleen Fanning



Balancing Market Registration: January - May 2025

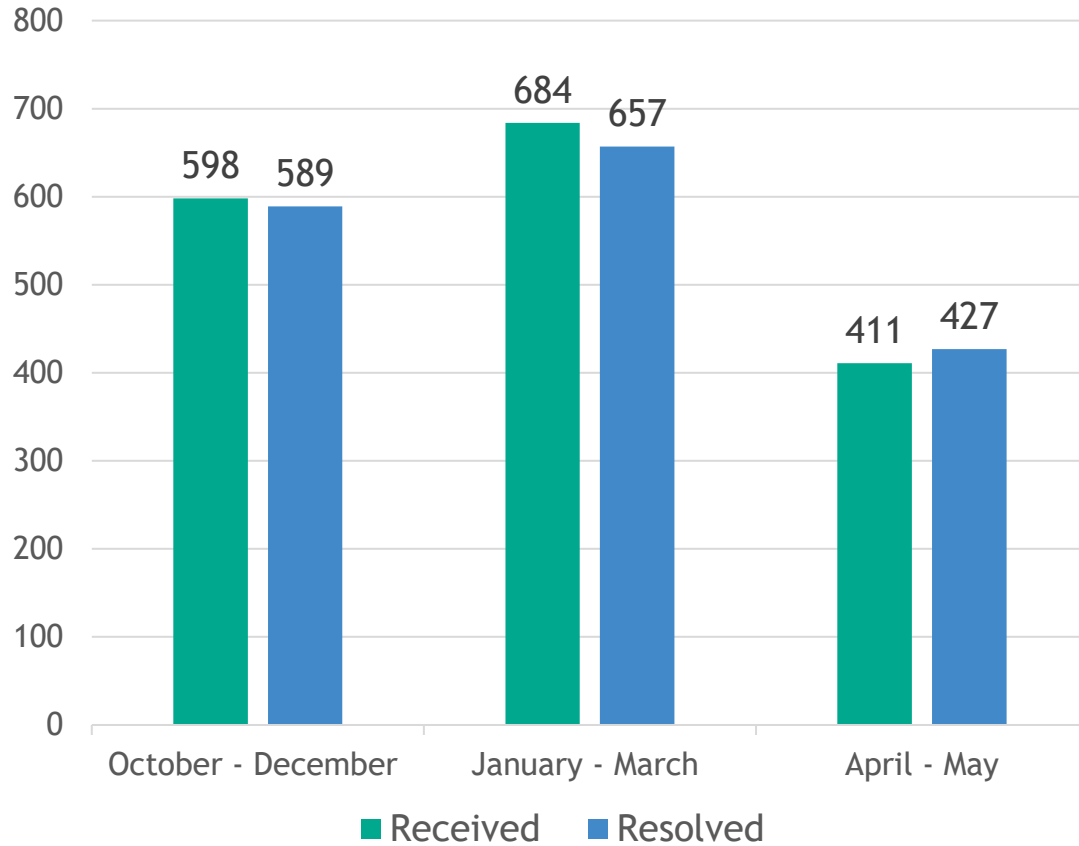
- 4 new Parties joined
- 13 Unit registrations
- 3 Unit de-registrations

Breakdown by Unit Type

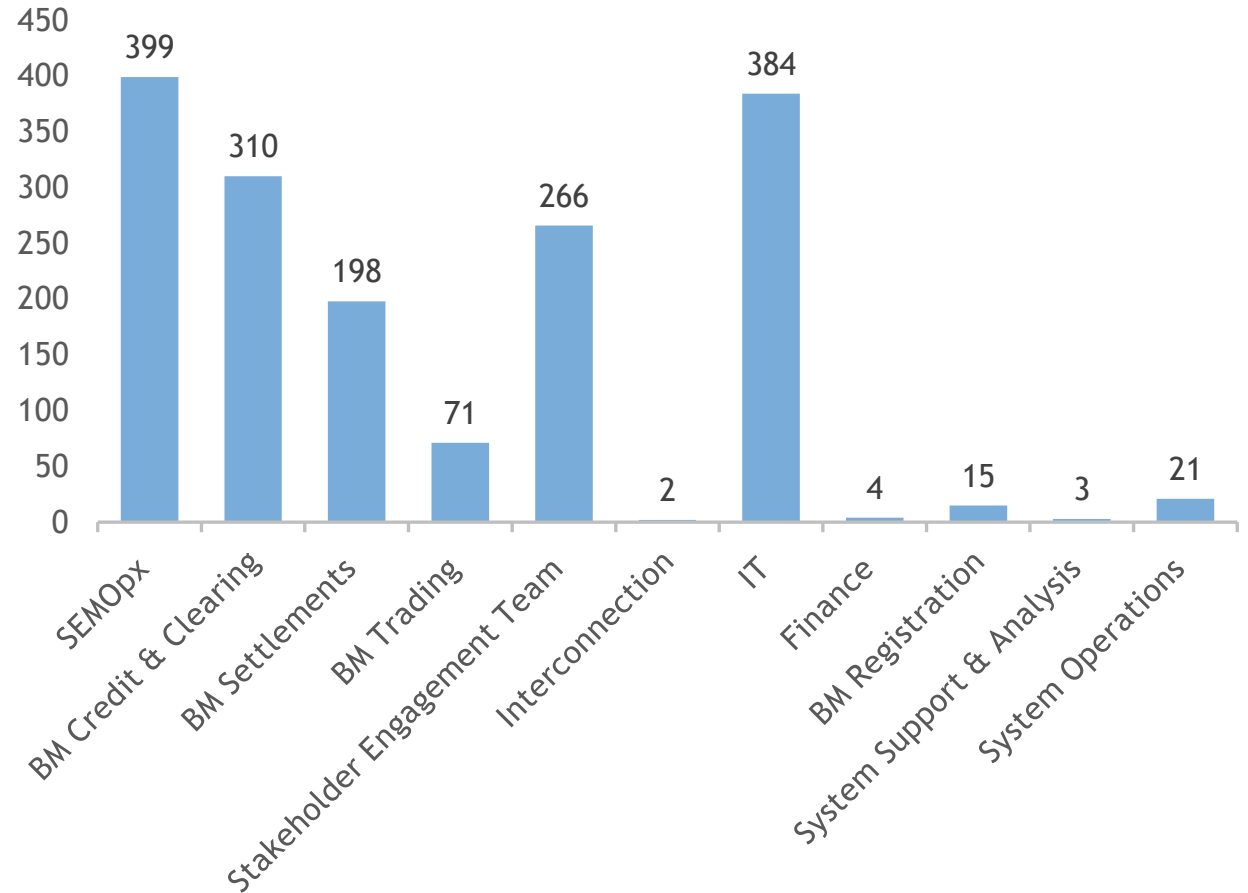


SEMO and SEMOpx General Queries: 01st of October '24 - 27th of May '25

Total Received 1,693 & Resolved 1,673



SEMOpx & SEMO Resolved General Queries



Disputes (October 2024 - 27th of May 2025)

1 General Dispute raised and ongoing

Formal Settlement Queries (26th of March - 27th of May 2025)

Received: 18

Closed: 10 (*9 were Upheld, 1 was not Upheld*)

Open: 8



SEMO & SEMOpx Helpdesk Hours - Monday, 02nd of June 2025

- The SEMO Helpdesk will be unavailable due to the Bank Holiday in Ireland, this includes info@sem-o.com and non-urgent phone lines.
 - We will be available to take urgent calls on **1800 726 772**.
- SEMOpx will remain available for Urgent Operational Issues relating to the DAM/IDM & ETS/M7 related queries.
 - Email: marketops@ops.semopx.com
 - ROI: 1800 283 010 (select option 1 or 2)
 - NI: 0800 008 3010
 - International: +353 1 668 8183
- SEMOpx Helpdesk will be available to take urgent calls on **1800 283 010** select option 3.
 - Non-urgent operational queries can be submitted to the SEMOpx Helpdesk info@semopx.com however these will not be actioned until Tuesday, 03rd June 2025.

Dates to Note 2025

- The next Thursday Participant call @09.30am will take place on **05th of June**.
- **Market Operator User Group Survey Open until the 16th of June**
 - We currently have a survey opened to capture your views and feedback on your experience to date regarding the Market Operator User Group (MOUG) Meetings.
 - Link to survey is available [here](#)
- The upcoming Market Operator User Group (MOUG) meetings are scheduled on the following dates:
 - **11th September**
 - **06th November**
 - **11th December**



Release Program Update: Scheduling & Dispatch Programme

SDP-02 Energy Storage Power Stations System

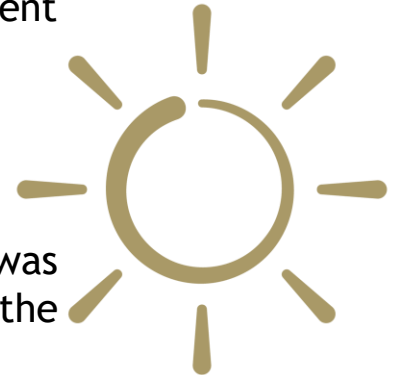
- Participant Interface testing (PIT) for battery unit operators is in progress with 1:1 participant meetings taking place. ESPS Grid Code mods MPID318 / SPID-03-2024 are under assessment with CRU and UR respectively.

SDP-01/04 Non-Priority Dispatch Renewables / Wind Dispatch Improvements

- 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.
- SDP Programme analysis on the units that will be designated as Non-Priority Dispatch Renewables (NPDR) is complete with EirGrid/SONI governance reviews in progress in advance of RA review and subsequent industry engagement.

SDP Tranche 2

- An updated version 3 of the TS&C modification Mod_01_25 related to SDP-06 Synchronous Condensers was approved at Mods meeting 128 on 09-Apr-25. System design for Tranche 2 is continuing with the programmes system vendors, system build has commenced.



Thank you for your attendance

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

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

Capacity Market Contact:

- CapacityMarket@sem-o.com

SEMO & SEMOpx Contact:

- info@sem-o.com;
- info@semopx.com

