

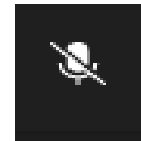
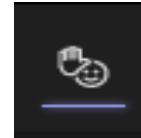
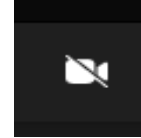
Market Operator User Group

12th December 2024



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	Aidan Kehoe
Ex-Ante Markets	Joaquin Iñiguez de Gante
SEMO Trading	Dermot Campfield
SEMOpX Trading	Amy Yeung
Settlements	John Tracey
Capacity Market Development Plan	Marc Curran
Market Interface	Rosaleen Fanning



SEMO CapEx Update

Aidan Kehoe



Price Control SEMO CapEx Update

SEMO CapEx Spend (Indicative)	2023/24 CapEx Allowance (Mar 2024 Monies)	2023/24 Actual RAB Additions/Cloud Opex (01 Oct - 30 Sep)	2023/24 Assets Under Construction (30 Sep 24)
Total System Release Capital (€'m)	6.80	0.93	0.83
Market System Releases	5.49	0.63	0.57
Market System Release Support	1.31	0.3	0.25
Total Predictable Business CapEx (€'m)	1.77	1.93	0.46
SEM Infrastructure Refresh	1.45	1.79	0.41
SEM Finance System			
Automated Test Capability	0.32	0.15	
Website Development	0		0.05
Total Unpredictable CapEx (€'m)	1.75	0.413	5.27
Greenlink			1.25
OMW Upgrade			
Enduring Data Hub		0.301	
Scheduling and Dispatch			3.65
Archiving			0.19
MMS Enhancement			
Other		0.11	0.19
Total Capital FY23/24 (€'m)	10.32	3.28	6.56
Total Unpredictable Cloud Opex		0.23	
Total Predictable Cloud Opex (Finance System)		0.96	
Total Capital and Cloud FY23/24 (€'m)	10.32	4.46	6.56

The following release activity is included in Market System Release Capital and Market System Release Support

- Release costs FY24 relate to Release M which was deployed July 2024
- Release M had a Greenlink and Non Greenlink element. Non Greenlink is the additions in 2024. Greenlink element is in AUC at Sept 24 as Greenlink itself has not gone live
- Release AUC Sept 24 is Release M (Greenlink) €849k
- TSO related Release M costs were transferred to the TSO's in FY 24 of which €162k was Non Greenlink and €1,578k for Greenlink which is AUC in the TSO's

Predictable Capex

- SEM Infrastructure Refresh are an ongoing cost with regular refreshes taking place each year
- SEM Finance System: This project has commenced in FY24 and is a cloud opex cost
- SEM Finance System was allowed for in the Predictable Allowance but as it is a Cloud Project it is noted in the cloud costs.
- Website development: Due to go live in FY25
- Automated Test Capability: Work completed in FY24

Unpredictable Capex

- Enduring Data hub phase 2 went live in FY24.
- AUC for Greenlink and SDP in Unpredictable heading relates to costs of these projects in SEMO

The figures shown for the Market System Releases and Market Systems Release Support are the release costs for SEMO. These numbers are provisional and subject to audit. The total FY23/24 Assets under construction includes any project that was not complete as of 30th September 2024.

Ex-Ante Markets

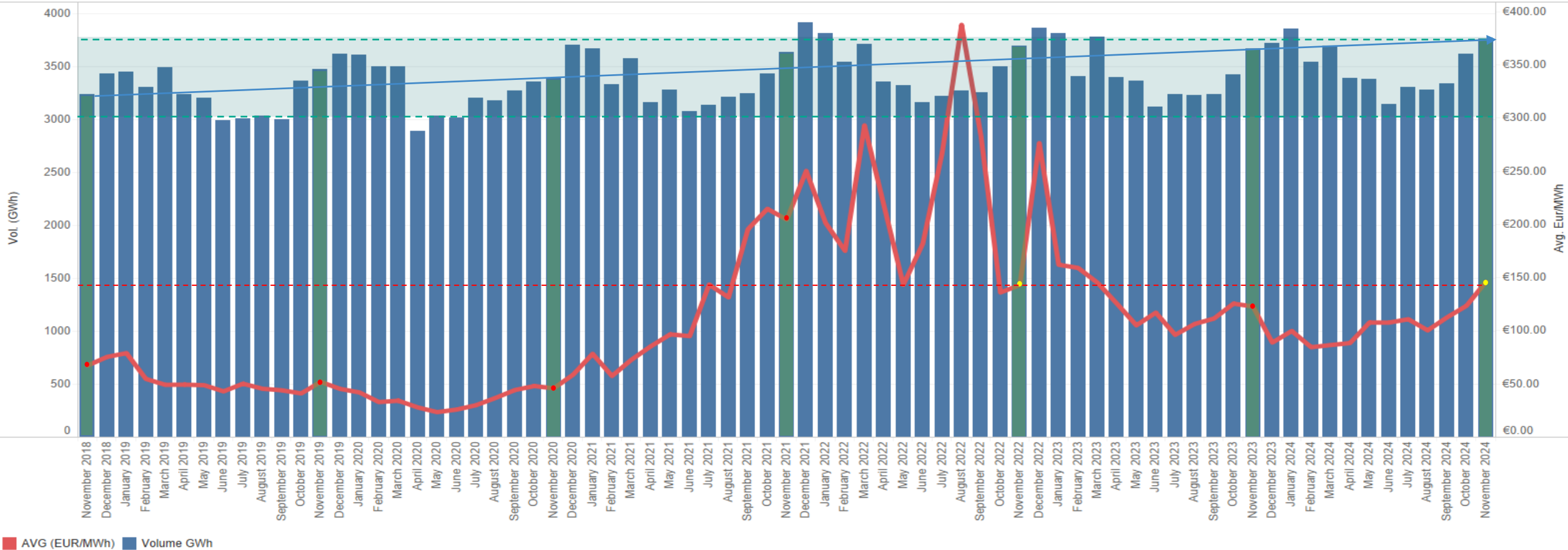
Joaquin Iñiguez de Gante



Ex-Ante Markets

Volume Trade vs Avg. price (DA)

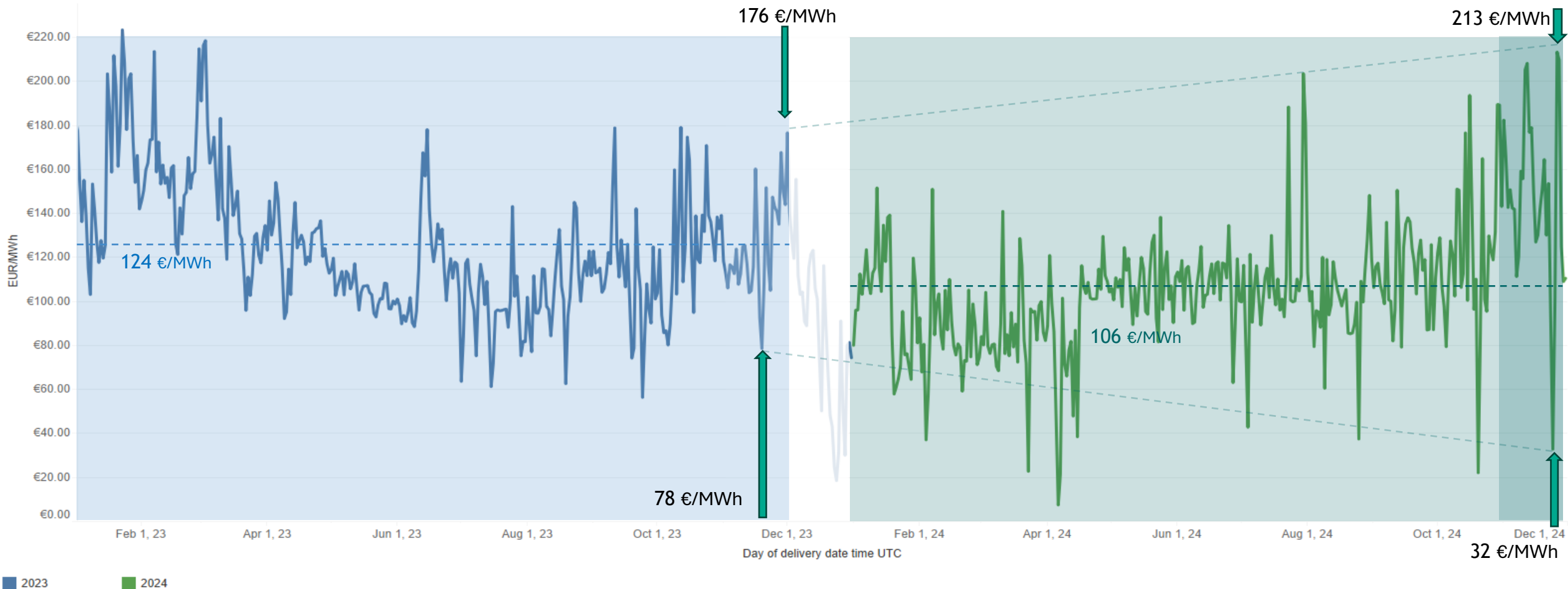
Month of delivery date time UTC



- Volumes within the DAM have remained consistent with previous years, following a seasonal trend, with a 2% increase in November volumes compared to previous years.
- After August, there is an upward trend in DAM prices, with November being 46% higher than August 2024 and 19% lower than the same month last year.
- November 2024 past the price record on 2022 being the highest November since then.

Ex-Ante Markets

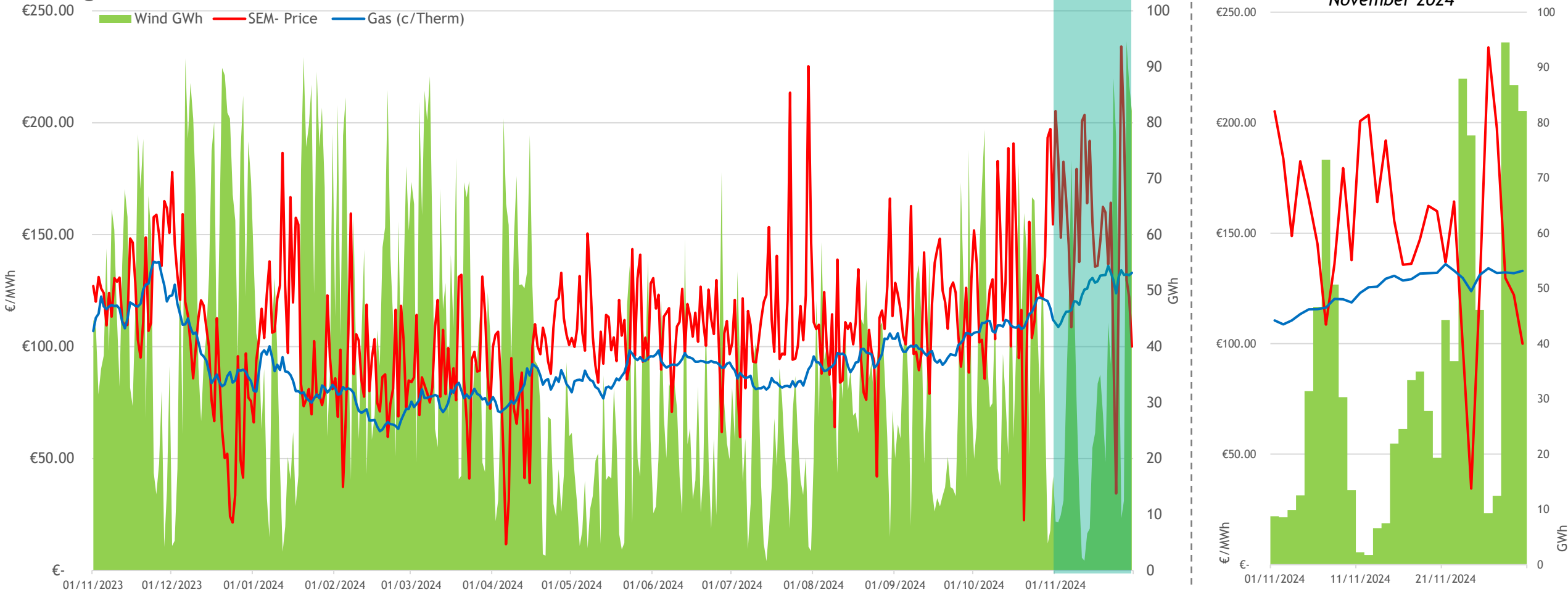
Ex-Ante Markets - (DA) Daily Prices



- The year-to-date average for 2024 has been 14% less than in 2023.
- November 2024 has seen high volatility in the SEM where the highest price was 21% higher than the highest price in Nov. 2023 and the lowest price was 58% lower than the same in Nov. 2024.

Ex-Ante Markets

Average SEM Prices vs Wind Generation

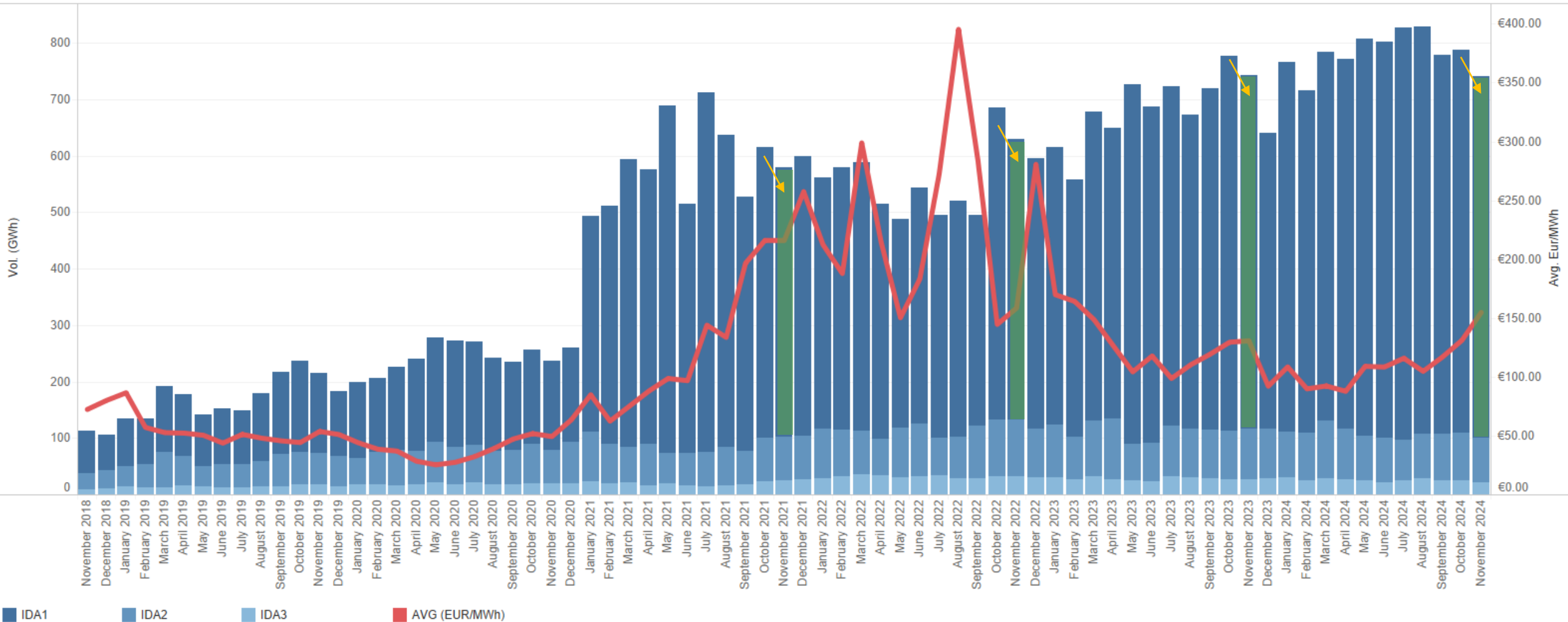


- November show a 18% increase in electricity prices, in line with the 10% increase in gas prices.
- Wind power generation decrease by 14%, compared to October. But the highest wind generation was registered on the 28th of November, showing the second lowest avg price on 2024

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.
- After a continuous increase in volumes in IDA1, a 5% drop was seen in November, possibly aligned with an increase in closed volumes in the DAM.
- IDA2 and IDA3 have maintained a constant behavior with no significant changes.

SEMO Trading

Dermot Campfield



Imbalance Pricing Outages

Upcoming Outages

- 17th December 2024 - Imbalance Pricing Outage (13:45 to 15:45)
- 18th December 2024 - Balancing Market Outage (14:30 to 15:30)
- 19th December 2024 - Imbalance Pricing Outage (11:00 to 12:00)



Repricing Summary

Repricing Dates	ISPs Impacted	Status Summary
10/09/2024	02:30 to 11:30	To resolve issue with missing wind DIs. Expected republication early December 2024.
30/09/2024 - 01/10/2024	18:00 to 00:30	To resolve data issue with SO Trade. Expected publication first quarter 2025.



SEMOpX Trading

Amy Yeung



ETS Releases

- No upcoming ETS releases



ETS Maintenance Windows

Date & Time	Impact	Reason	Communication
14/01/2025	Maintenance	Monthly Maintenance	OMM message (email sent a week in advance and on the same morning)
11/02/2025	Maintenance	Monthly Maintenance	OMM message (email sent a week in advance and on the same morning)
11/03/2025	Maintenance	Monthly Maintenance	OMM message (email sent a week in advance and on the same morning)
08/04/2025	Maintenance	Monthly Maintenance	OMM message (email sent a week in advance and on the same morning)

*Regular maintenance: Between 21:30 and 01:30 GMT/IST every 2nd Tuesday of the Month.



M7 Releases

- No upcoming M7 releases



M7 Maintenance Windows

Date & time	Impact	Reason	Communication
14/01/2025 (TBC)	Maintenance	TBC	M7 chat message (1 hour before the maintenance) + OMM message (email sent a week in advance and on the same morning)
11/02/2025	Maintenance	TBC	M7 chat message (1 hour before the maintenance) + OMM message (email sent a week in advance and on the same morning)
11/03/2025	Maintenance	TBC	M7 chat message (1 hour before the maintenance) + OMM message (email sent a week in advance and on the same morning)
08/04/2025	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: Between 18:30 and 01:30 GMT/IST every 2nd Tuesday of the Month.



SEMOpX Project Updates

DAM 30 Minute MTU

- Delay in Go-live date to June 2025 (exact date TBD)
- Auctions (Local Market Trial)
 - Will be in early February 2025
 - In separate MATS SIMU Environment (refer to next slide)
- SDAC Member Testing (simulation of real-life trading with scenarios)
 - Delayed to end of March 2025
- Detailed plan will be shared with members later in Dec 2024/early Jan 2025
- MATS Go-live impact - likely to go-live 2-3 weeks before 30Min MTU go-live

SEMOpX Project Updates

Multiple Auction Trading System (MATS)

- **MATS SIMU Environment**
 - Reflects current state
 - 60Min MTU Auctions - DAM available on 21st Nov 2024
 - 30Min MTU Auctions - IDAs available on 5th Dec 2024
 - Schedule of auctions:

Timings indicated below are in GMT/BST time zone.

Auction	Orderbook opening	Auction time	Results publication	Maximum cancellation time
SEM-IDA2	08:30 (19 days before)	08:30	9:00	10:25
SEM-DA	13:15 (18 days before)	13:15	14:00	16:55
SEM-IDA3	15:00 (19 days before)	15:00	15:15	16:10
SEM-IDA1	16:00 (18 days before)	16:00	16:30	18:25

- **Separate MATS SIMU Environment**
 - Reflects the state after MATS Go-live
 - Same process to set-up as current SIMU Environment
 - 30Min MTU Auctions - DAM in Q1 2025

SEMOpX Project Updates

Multiple Auction Trading System (MATS)

- MATS API Package #2 issued on 19th Nov 2024
- MATS GoTo Session #1 on 2nd Dec 2024
 - Interactive sessions/demos to be released on a monthly basis
- Updated API Package issued on 5th Dec 2024
 - Updated MATS REST API Client Application Design Guide v1.1
 - Sample Test Client enhancements and fixes
- MATS Post Trading Reports document issued on 5th Dec 2024
 - New section on BidFile
- Next MATS GoTo Session
 - Targeting the week of the 20th Jan 2025
 - Invitation will be issued to MATS POCs in the next few weeks

SEMOpX Project Updates

Multiple Auction Trading System (MATS)

- Queries from Members:

1) Will Contract and index names remain the same when MATS goes live

- Yes, no plans to change the contract names or index names

2) Will 'Submit Several Delivery Days' function be available in MATS

- Implementation team is looking to incorporate this functionality into the design

Other Updates

DAM Second Auction Removal

- Go-live on 29th January 2025
- Modification Proposal [SPX_02_24](#)
- RCP Functionality available to members
- Will result in the removal of messages related to Second Auction in the SEMOpX Auction
Timing and Market Message document

DAM/IDA Erroneous Market Data

- DAM: Members have until [11:43](#) to flag erroneous data in submissions to Market Operator
- IDA1: Members have until [17:55](#) to flag erroneous data in submissions to Market Operator
- IDA2: Members have until [08:25](#) to flag erroneous data in submissions to Market Operator
- Training materials will be updated

Other Updates

BidAsk Curve File - Change in Number of Decimals

- **Current state:**
 - Prices rounded to 2 decimal places
 - Volumes rounded to 1 decimal place
- **Future state:**
 - Prices unrounded up to 13 decimal places
 - Volumes unrounded up to 13 decimal places
- **Rationale for change:**
 - Round values creates “false horizontal segments” in the aggregated curves and gives the appearance of equal prices or volumes where discrepancies actually exist
 - Example: €15.123 ≠ €15.124, but both rounded to €15.12
 - Concerns raised by members regarding the discrepancies causing complications when validating aggregated curve data
- **Sample Files will be available by end of Dec 2024**
- **Target go-live of change is February 2025**

Other Updates

IDA Decoupling Member Training

- Targeting early February 2025
- Partial/Full Decoupling Scenario - TBC
- Similar format to previous decoupling training sessions
- More information to be issued to members in January 2025



SEMOpX Useful Resources

Documentation:

- [SEMOpX Auction Timing and Market Message document](#)

Website Resources:

- [ETS Trader Client Guide](#)
- [M7 Manuals](#)
- [M7 2FA User Guide](#)
- [SEMOpX - Training Category Location \(Technical/Training etc\)](#)
- ETS [Trading on Behalf fallback solution](#)
 - ❖ Done on a best effort basis
- M7 [Trading on Behalf fallback solution](#)
 - ❖ Done on a best effort basis
 - ❖ Priority given to ensuring system stability

Settlements

John Tracey



Settlement Documents Christmas Summary 2024

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



Christmas period Settlement Documents: Please check Settlement Calendar for further details								
Settlements Operational Date	Day	Type	Initial	M+4	M+13	Ad hoc	Payments in Date	Payments out Date
20/12/2024	Friday	BALIMB	08/12/24 - 14/12/24	18/08/24 - 24/08/24	19/11/23 - 25/11/23	08/05/22 - 14/05/22	30/12/2024	31/12/2024
		CRM	N/A	N/A	N/A	N/A		
02/01/2024	Thursday	BALIMB	15/12/24 - 21/12/24	25/08/24 - 31/08/24	26/11/23 - 02/12/23	N/A	07/01/2025	08/01/2025
		CRM	N/A	Aug-24	Nov-23	N/A		
06/01/2024	Monday	BALIMB	22/12/24 - 28/12/24	01/09/24 - 07/09/24	03/12/23 - 09/12/23	N/A	09/01/2025	10/01/2025
		CRM	N/A	N/A	N/A	N/A		

- Credit Reports Publications. No credit reports to publish on the 27th December, with one credit report to publish on the 30th December. Three reports to publish on December 31st.
- Cash Collateral refunds reminder - need to be received no later the 24th December, these will not be processed until the 6th January (all refunds take up to 5 working days to process).
- Strike Price for Billing Week “29/12/24 - 04/01/25” will issue on Monday 23rd December 2024



Ad hoc resettlement: Status update Dec 2024

Ad hoc Iterations 1 & 2 - Completed and yet to process:

Year	2018												2019												2020																																																																
Week	3	4	4	4	4	4	4	4	4	5	5	1	2	3	4	5	6	7	8	9	0	1	1	1	1	1	1	1	1	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	5	5	1	2	3	4	5	6	7	8	9	0	1	1	1	1	1	1	1	2	2	2	2	2	2	3	3	3	3	3	3	3	3	4	4	4	4
Adhoc1	[Green cells]																																																																																								
Adhoc2	[Green cells]																																																																																								

- Ad hoc iteration 1 is now fully complete.
- Ad hoc iteration 2 is now fully complete.

Cells in Red are adhoc weeks left to process

Cells in Green are settlements runs that have been issued

- There are 4 billing periods between 2020 and 2022 which require a final iteration of ad hoc resettlement. These billing periods are based on outstanding upheld formal queries which were dependent on a system fix to be deployed to fully settle the impacted billing periods. Currently, all 4 weeks cannot be fixed under the current systems.

Year	Ad hoc billing periods - number of weeks which are under review	Specific billing period weeks which are under review	Settlement Calendar Timeline
2020	1	Week 10	tbc
2021	1	Week 47	tbc
2022	2	Weeks 10 and 45	tbc
Total	4	System Requirements under review	

Settlement Documents to issue Friday 13th Dec 2024

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

Settlement Document for Friday 13th Dec

Initial BALIMB - (01/12/24 - 07/12/2024) - Week 49 2024

M+4 BALIMB - (11/08/2024 - 17/07/2024) - Week 33 2024

M+13 BALIMB - (12/11/2023 - 18/11/2023) - Week 46 2023



Capacity Market Development Plan

Marc Curran



Summary

Item	Name	Description	Status	Prev. Date	New Date
1	Intermediate Length Contracts	<p>Give effect to</p> <ul style="list-style-type: none"> • SEM-23-093 - Proposal to Introduce Intermediate Length Contracts Consultation Paper. • SEM-24-035 - Intermediate Length Contracts Decision Paper. <p><i>The SEM Committee has decided to introduce ILCs for the 2028/29 T-4 auction in November 2024 and to all future auctions until further notice.</i></p>	System changes complete.	N/A	Complete
2	Early Delivery Incentives	<p>Give effect to</p> <p>SEM-24-024 - Proposal to Introduce Early Delivery Incentives into the CRM Consultation Paper.</p> <p>SEM-24-037 - Early Delivery Incentives Decision Paper</p> <p><i>The SEM Committee has expedited this workstream so as to develop an appropriate early delivery incentive policy and communicate this policy in sufficient time for the upcoming T-4 auction.</i></p> <p><i>The SEM Committee will work to propose the required implementing modifications to the CMC, and any necessary changes to the Trading & Settlement Code</i></p>	System changes under review.	N/A	H1 FY24/25

Summary

Item	Name	Description	Status	Prev. Date	New Date
3	Online Qualification Platform	Online submission of Application for Qualification and automation of Alternative Qualification Process. More user-friendly application process, reduced need for PTs to submit forms, reduction in operational risk and delays in processing Applications for Qualification	Design complete. Testing to commence early 2025.	H2 FY23/24	H1 FY24/25
4	Online Secondary Trading Platform	<p>Implementation of CMC_11_21 - Extension of ASTN Arrangements CMC_09_22 - Secondary Trade Approval Notification</p> <p>Online submission of secondary trades and automation of validation processes.</p> <ul style="list-style-type: none"> Phase 1 relates to the reduction of processing time to 2 hours, which requires automation of process. Phase 2 relates to the implementation of trading above Gross De-Rated Capacity. 	<p>Phase 1 - we are currently seeking to finalise timeline with vendor.</p> <p>Phase 2 requirements in development. Impact assessment being finalised for RAs' review.</p>	H1 FY24/25	TBC
5	Post Auction Process Improvements	Online Performance Security status. Online Implementation Progress Report submission. Online submission of milestone verification documents. Improved status tracking	Under Review	TBC	TBC

Market Interface

Rosaleen Fanning

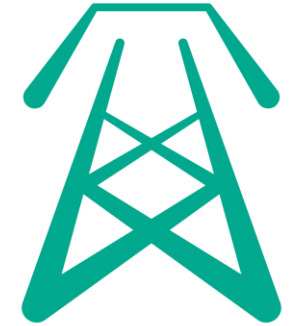


Registration freeze during Christmas 2024 and New Year 2025

There will be an IT System Freeze in the Balancing Market during the period 18:00 Wednesday, 18th December 2024 until 12:30 Monday, 06th January 2025.

The last available effective date for registrations prior to the freeze is Wednesday, 18th December 2024 (23:00 Tuesday, 17th December 2024), and the first available effective date after the freeze will be Wednesday, 8th January 2025.

The Registration team remain available for Participants that have queries regarding their ongoing registrations at BalancingMarketRegistration@semo.com.



SEMO Helpdesk Hours Over Christmas Period

- The SEMO Helpdesk will be unavailable from 17:00 on Tuesday, 24th December 2024 up to 09:00 on Thursday, 02nd January 2025 except for the 30th and 31st December 2024. This includes info@sem-o.com and non-urgent phone lines.
- Friday, 27th December 2024, we will be available to take urgent calls on 1800 726 772. Please see below the relevant contact details should you have a Limited Communication Failure Issue.

The SEMO LCF Hotline is available 24/7 365 days a year for any emergency operational issues relating to Limited Communication Failures.

Phone: +44 (0) 28 90 707415

Email: LCF@sem-o.com

Market Participant Interface (MPI) - Contact Information

- We would like to ask Market Participants to please check and ensure your MPI Certificate remains valid over the Christmas period. ***Certificates are valid up to one year***
- If your MPI Login password is due for renewal the message on the right will appear, please click on the word 'here' to update.
- If you receive 'User account has expired', please email info@sem-o.com for assistance.
- We would also like to remind you of the importance of ensuring your contact information and authorizations are fully up to date on the MPI. If you are unsure what details we hold, please email info@sem-o.com for assistance.

Your password expires on 2021-02-07 13:47:53 (430065 seconds)

Please Login

Reset your password [here](#)

Submit

SEMOpX Helpdesk Hours Over Christmas Period

- SEMOpX will remain available 24/7 for Urgent Operational Issues relating to the DAM/IDM, including ETS/M7 Availability, Connectivity issues, Password Resets etc.

Urgent Operational Issues

- Email: marketops@ops.semopx.com
- ROI: 1800 283 010 (select option 1 or 2)
- NI: 0800 008 3010
- International: +353 1 668 8183

- The SEMOpX Helpdesk will be unavailable from 17:00 on Tuesday, 24th December 2024 up to 09:00 on Thursday, 02nd January 2025 except for the 30th and 31st December 2024. This includes info@semopx.com and non-urgent phone lines.
- Friday, 27th December 2024, we will be available to take urgent calls on 1800 283 010 and select option 3.

Dates to Note: 2024 - 2025

- The next Thursday Participant call @09.30am will take place on 19th of December 2024.
- Due to the Christmas period, the Participant call will start back on 09th January 2025.
- The Market Operator User Group (MOUG) meetings for 2025 are scheduled on the following dates:
 - 30th January
 - 27th March
 - 29th May
 - 11th September
 - 06th November
 - 11th December



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

