

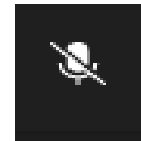
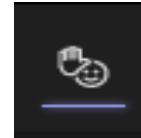
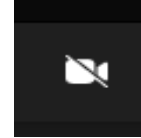
Market Operator User Group

9th November 2023



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

Anne Fitzgerald



Agenda

Item	Presenter
Welcome	Anne Fitzgerald
SEMO CapEx Update for FY 2022/23	Nuala Dunne
Release Program Update	Mark Hogan
Ex-Ante Markets	Joaquin Iniguez de Gante
SEMOpX Update	Michael Atcheson
Settlements Update	Sean O'Rourke
System Operations Update	Robert Koch/Stephen McClure
Temporary Emergency Generation Update	Robert Koch
Future Markets Update	David Carroll
Market Interface Update	Rosaleen Fanning



SEMO CapEx Update for FY 2022/23

Nuala Dunne



SEMO CapEx 1 Oct 22 - 30 Sept 23

SEMO CapEx Spend	2022/23 CapEx Allowance (Mar 2023 Monies)	2022/23 Actual RAB Additions (01 Oct – 30 Sep)	2022/23 Assets Under Construction (30 Sept 23)
Total System Release Capital (€'m)	6.60	7.3	0
Market System Releases	5.33	6	0
Market System Release Support	1.27	1.3	0
Total Predictable Business CapEx (€'m)	4.37	0.21	1.63
SEM Infrastructure Refresh	1.75	0.21	1.53
SEM Finance System	2.31		
Automated Test Capability	0.31		0.10
Website Development	0		
Total Unpredictable CapEx (€'m)	2.01	1.0	1.32
OMW Upgrade		0.68	
Enduring Data Hub		0.22	
Scheduling and Dispatch			0.79
Archiving			0.3
Other		0.1	0.23
Total Unpredictable Cloud Opex		0.1	0
Total Capital FY22/23 (YTD) (€'m)	12.97	8.61	2.95

Notes:

- These numbers are provisional and subject to audit.
- The total FY22/23 Assets under construction includes any project that was not complete as at 30th September 2023.

Release Program Update

Mark Hogan



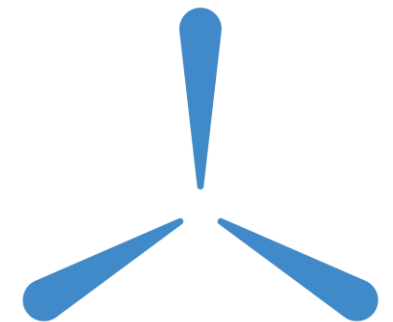
Release Program Update - last 12 months

- Release J December 5, 2022

Table: Performance improvements in key MMS workflows

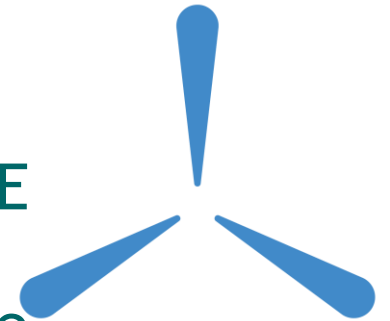
Workflow	Avg. November 2022 (s)	Avg. October, 2023 (s)
LPRED	11.49	3.15
WPRED	17.11	6.54
LNAF	178.89	6.14
EMSI	5.60	2.56
RTPIMB	162.12	108.58
RTD	139.18	99.50

- Release K and L was deployed as one release on August 15, 2023
 - This was to allow SEMO to support the treatment of emergency generation in the market before September 2023



Release Program Update

- Releases in next 12 months
 - Release L.1 November 14, 2023
 - Release M will include changes for Greenlink and will be tested Spring 2024. The deployment date is subject to overall Greenlink deployment requirements.
 - Release N will include first tranche of changes for Schedule and Dispatch and dates are to be confirmed.
 - Extensive market infrastructure refresh project underway
 - Replacing and updating infrastructure supporting ISEM virtual machines
 - Microsoft has committed to supporting Microsoft Edge with IE mode until “at least 2029” ([link](#)) so we continue to recommend that approach until we have implemented native Edge and Chrome compatibility.



Release M & N Contents

Release	Change Request ref.	Description
M	212	CSB/MI Value Import Screen Change
	301	Issuing audio alarms for any failing MMS applications
	303A	Greenlink: Registration, Market Information and Market Participant Interface changes required for Greenlink
	303B	Greenlink: Market Application changes required for Greenlink
	304	Treatment for Firm Curtailment (Part of SEM 22 009 decision - CEP Article 13.7)
N	SDP_01	Operation of Non-Priority Dispatch of Renewables
	SDP_02	Energy Storage Power System Integration requirements

Release L.1 14 November 2023

Release	Hitachi Energy ref.	Description
L.1	20230503-6156702	Update to correct date format for “Mod_13_19 Payment for Energy Consumption in SEM for non-energy Services Dispatch”
	20230327-6145568	Issues with DAM trades not imported into ISEM CSB
	20230428-6155493	SQL Error while building Generator Sync. CB table during CIM import.
	20211218-5910627	CIM upload generates "spurious" errors in error file. Reported in red text with "E" in sequence messages.

Question & Answer Section



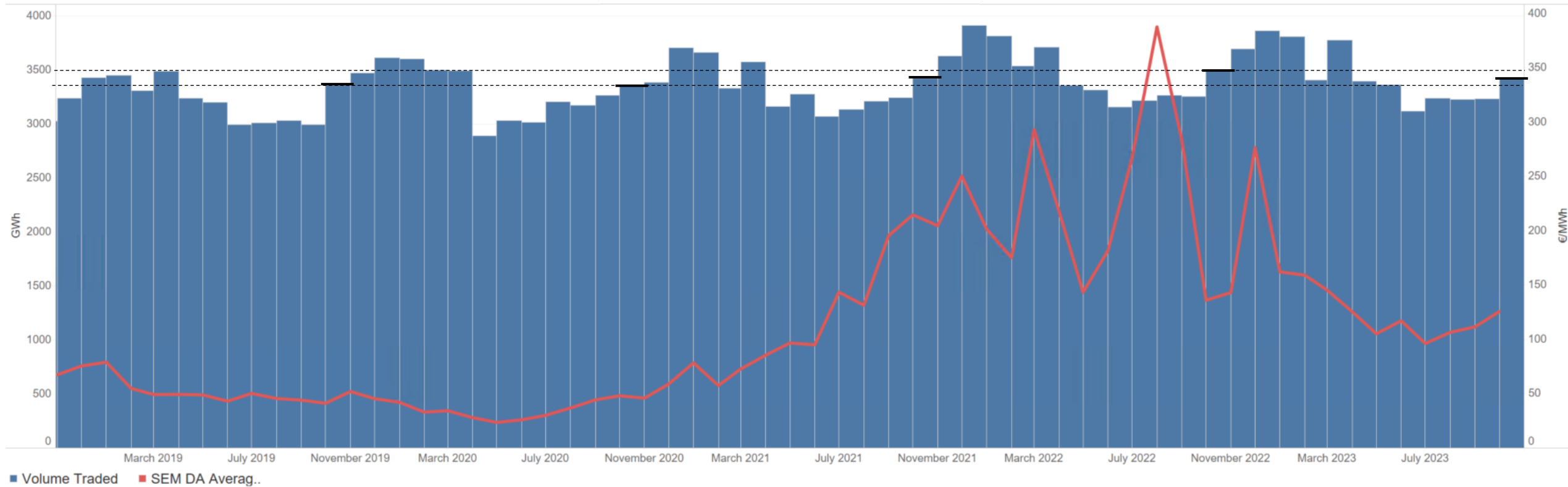
Ex-Ante Markets

Joaquin Iniguez de Gante



Ex-Ante Markets

Volume Trade vs Average Price (DA)



- Traded Volumes in the DAM remain at similar levels to historical trends.
- Throughout 2023 DAM prices have decreased on average by 40% over the previous year with a significant decrease in price volatility between months.

Ex-Ante Markets

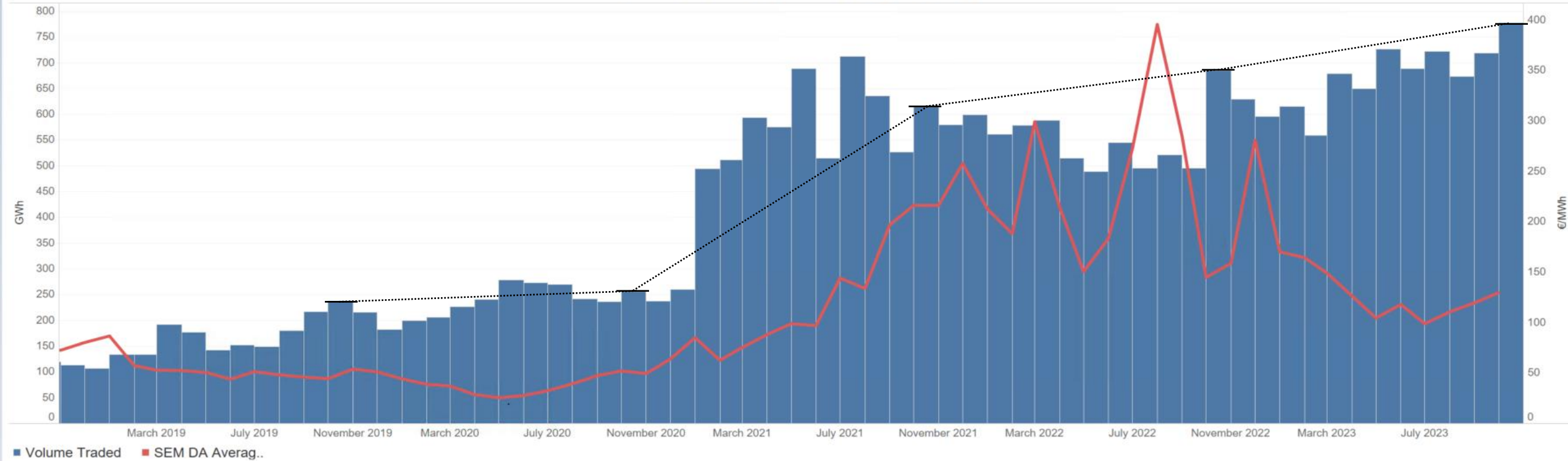
Ex-Ante Markets - DA Daily Prices



- A steady decline in prices was seen during the first half of 2023 followed by a rebound in mid-July, changing price behavior upward and increasing price volatility.
- The Highest price between July to October 2023 cleared at approx. 185 Eur./MWh. (Increased volatility of electricity prices due to the same volatility in gas prices)

Ex-Ante Markets

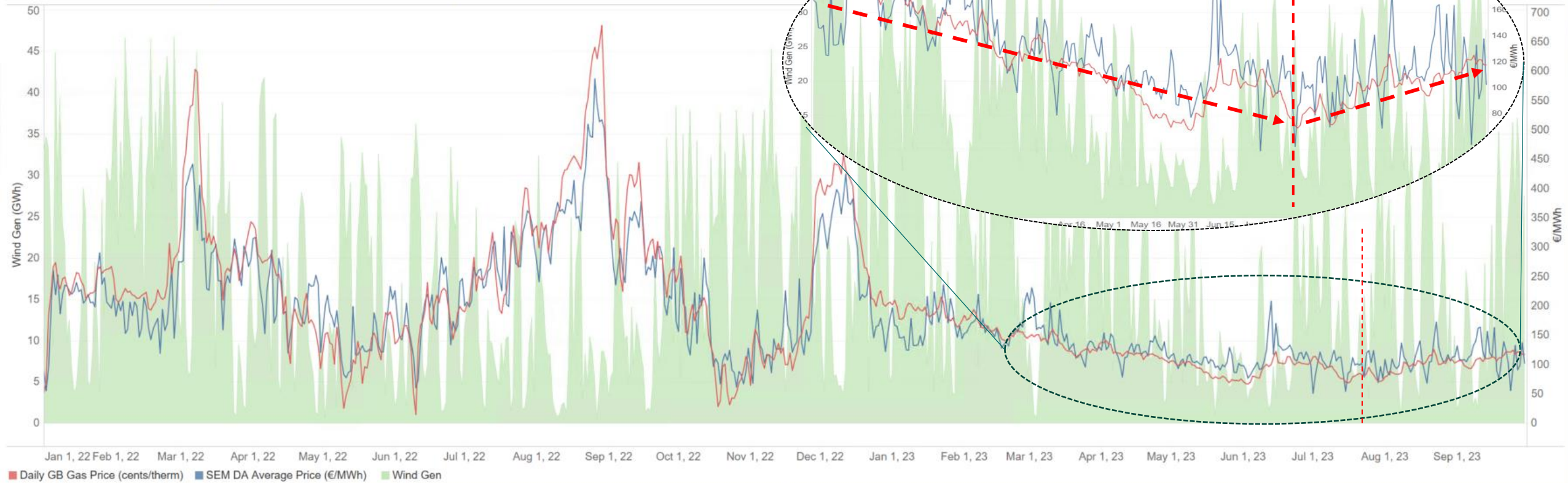
Volume Trade vs Average Price (IDA)



- Price trends follow closely DAM pattern.
- Traded Volume continue to be influenced by interconnection.
- October 2023 was the month with the highest GB imports, registering total of 265 GWh.

Ex-Ante Markets

Average SEM Price vs Wind Generation



- From August onwards, a slight and continuous increase in gas prices was seen, causing price increases and volatility in the SEM.
- SEM closely follow gas prices. However, good wind power generation helps to absorb fluctuations in the price of this fuel.

Question & Answer Section



SEMOpX Update

Michael Atcheson



ETS Releases

Version	Content	Client	Impact	Timeline*
V3.8	TBC	TBC	TBC	TBC

**Planned go live is subject of successful testing of the given release*



ETS Maintenance Windows

Date & Time	Impact	Reason	Communication
14/11/2023	Maintenance	PMB 12.1 Release	OMM message (email sent a week in advance and on the same morning)
12/12/2023	Maintenance	Monthly Maintenance	OMM message (email sent a week in advance and on the same morning)
09/01/2024	Maintenance	Monthly Maintenance	OMM message (email sent a week in advance and on the same morning)
13/02/2024	Maintenance	Monthly Maintenance	OMM message (email sent a week in advance and on the same morning)

* Regular maintenance: Between 18:40 and 21:15 GMT/IST every 2nd Tuesday of the Month.



M7 Releases

Version	Content	Impact	Timeline
V6.15	API performance: mandatory broadcast queue creation precisions	Improved performance for OMT / Load Management	14/11/2023
V6.16		Performance Boost	Q1 2024 (Date TBC)

M7 Maintenance Windows

Date & time	Impact	Reason	Communication
14/11/2023	Maintenance	M7 6.15 Update	M7 chat message (1 hour before the maintenance) + OMM message (email sent a week in advance and on the same morning)
12/12/2023	Maintenance	TBC	M7 chat message (1 hour before the maintenance) + OMM message (email sent a week in advance and on the same morning)
09/01/2024	Maintenance	TBC	M7 chat message (1 hour before the maintenance) + OMM message (email sent a week in advance and on the same morning)
13/02/2024	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 18:40 and 21:15 GMT/IST every 2nd Tuesday of the Month.



SEMOpX Market Update

Issue occurred on 28th October during DAM Auction which led to a Partial Decoupling of HEnEX (Greek NEMO)

- As a result of the Long Clock change, system issues resulted in HEnEX being unable to provide order book data for the DAM auction (TD 29/10/23)
- Partial Decoupling was declared at the predefined deadline of 12:05 GMT
- All remaining SDAC parties remained coupled and final results were published at 13:05
- All communications were shared throughout the process

Reminder for SEMOpX members:

- Review all communications and timelines relating to the Decoupling scenarios for DAM and IDA auctions (found within the SEMOpX Market Messages and Communications document)
- Review the internal processes regarding the Decoupling process for both markets



Question & Answer Section

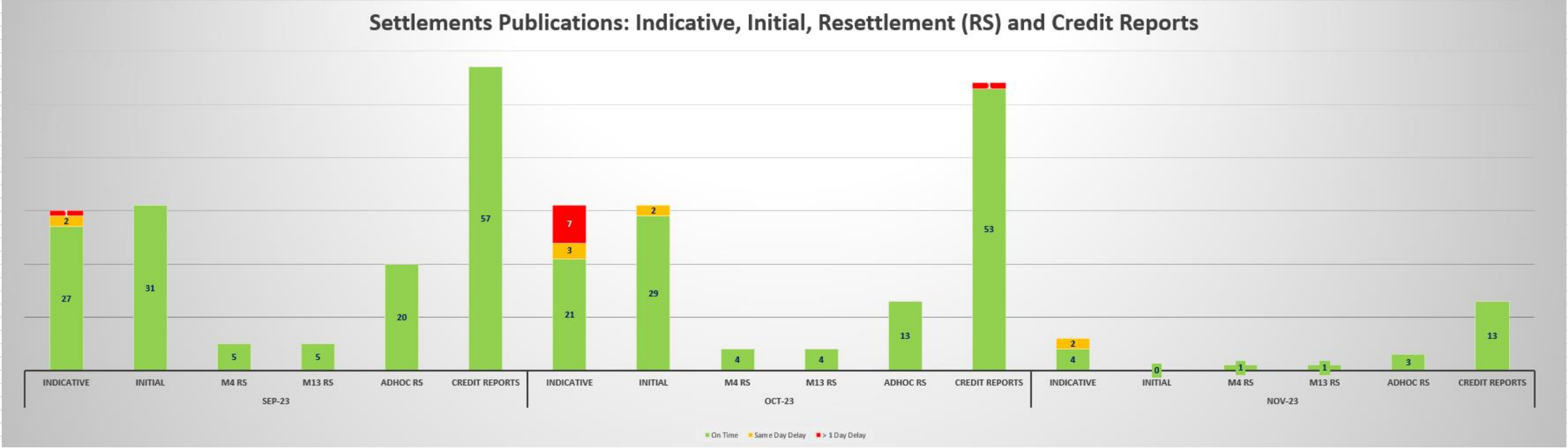


Settlements Update

Sean O'Rourke



Settlement publications & timelines: Sep'23 - Nov 7th



Sep 2023

- 136 settlement publications on time
- 3 delayed indicatives due to delayed MDP data (SONI (1), CSB Calculation delays (2))
- All issues now resolved

Oct 2023

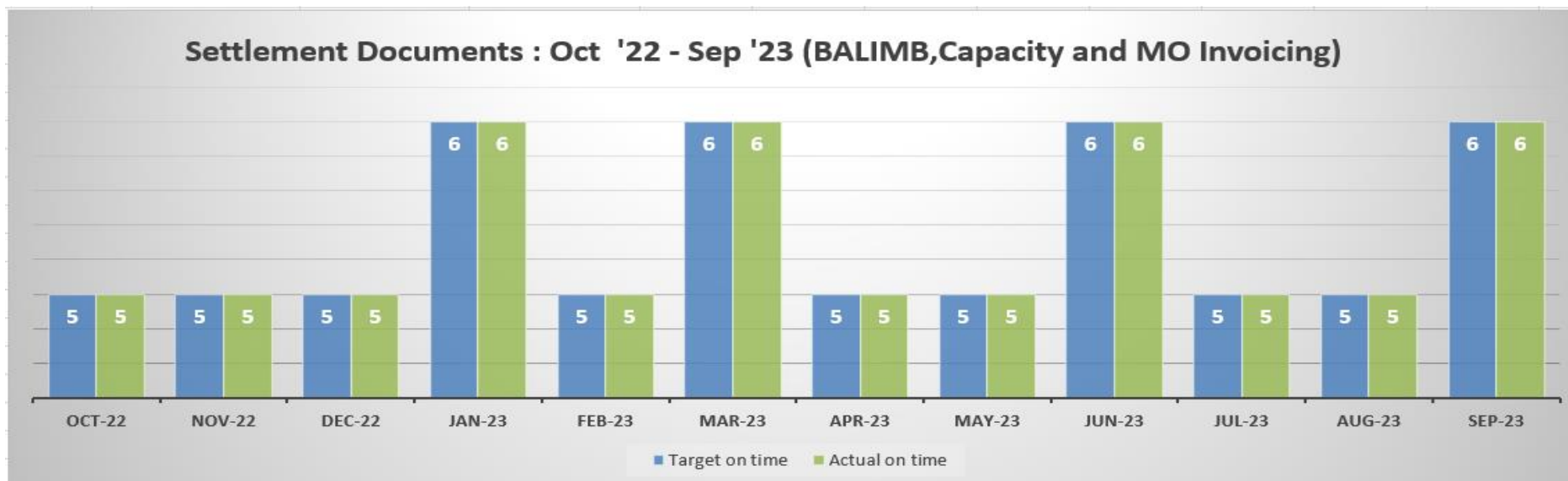
- 108 settlement publications on time
- 10 delayed indicatives due to Annual rates checks (1), delayed MDP data (4), CRM Calculation issue (1) & Instruction Profiler Issues (4)
- All issues now resolved

Nov 2023 (up to Nov 7th)

- 20 settlement publications on time
- 2 delayed indicatives due to delays processing MDP metered data
- All issues now resolved



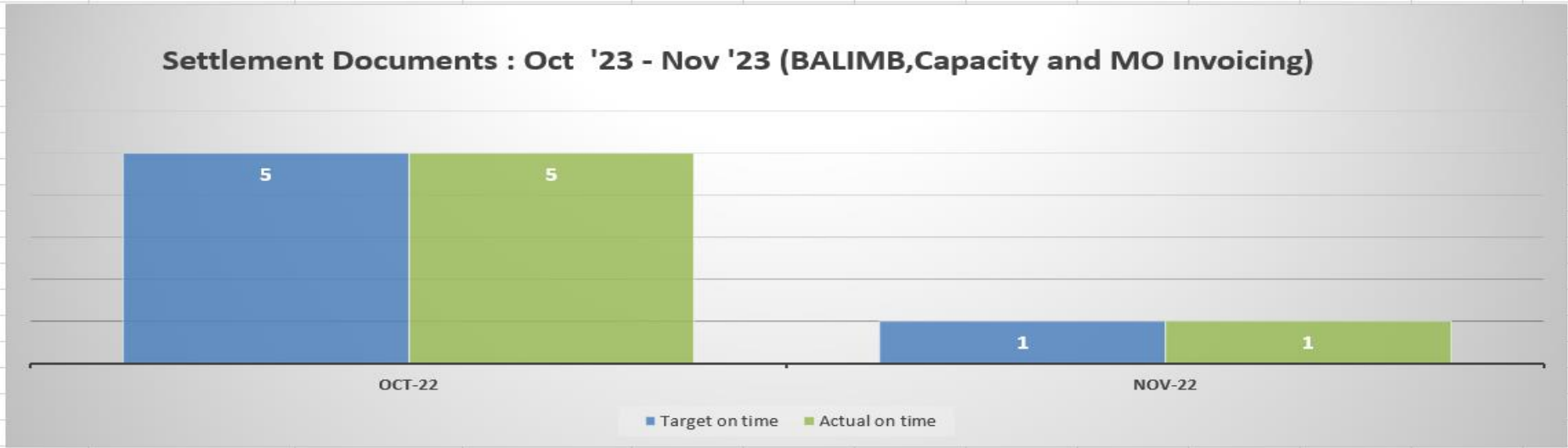
Settlement Documents publications: 22/23 Look back...



Settlement Document updates:

- All Settlement Documents (SDs) published on time between Oct 2022 and Sep 2023 (includes BALIMB, Capacity and MO Invoices)

Settlement Documents publications: Oct'23 - Nov 6th



Settlement Document updates:

- All Settlement Documents (SDs) published on time between Oct 2023 and Nov 6th (includes BALIMB, Capacity and MO Invoices)

Ad hoc resettlement: Status update Nov 2023

Scheduled Ad hoc resettlement completed to date - 1st iteration

Calendar Month	Mar-21 to Dec-22	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23
Ad hoc Iteration 1:	Oct-18 to July-20	Aug-20	Sep-20 to May-21					

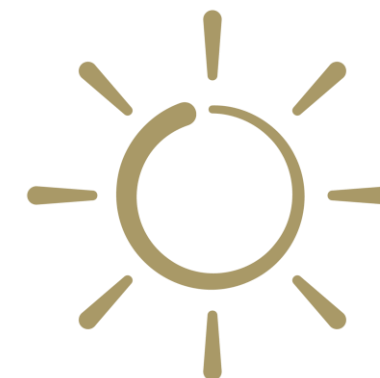


Scheduled Ad hoc resettlement completed to date - 2nd iteration

Calendar Month	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23
Adhoc Iteration 2:	Oct-18 - Jan-19	Feb-19	Mar-19	Apr-19	May-19	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Jan-19 to July-19 (11 weeks)	Aug-19 to Nov-19 (13 weeks)	Dec-19 to July-20 (9 weeks)		

Ad hoc summary : Mar-21 to Nov -2023

- Ad hoc Iteration **1** is now closed out as of the **07/07/2023**
- Ad hoc iteration **1** resettlement consisted of **139** weeks / billing periods processed and published.
- Ad hoc iteration **2** resettlement is up to the 07/12/2019 . **7** weeks / billing periods remain to be processed and published.
- 21 weeks** of Adhoc processed in **Q1** (Oct 2022 - Dec 2022) meeting **KPI** target of 18 weeks over a 12-week period
- 22 weeks** of Adhoc processed in **Q2** (Jan 2023 – Mar 2023) meeting **KPI** target of 18 weeks over a 12-week period
- 18 weeks** of Adhoc processed in **Q3** (Apr 2023 - June 2023) meeting **KPI** target of 18 weeks over a 12-week period
- 22 weeks** of Adhoc processed in **Q4** (July 2023 - Sep 2023) meeting **KPI** target of 18 weeks over a 12-week period



Settlements: Oct 2022 FMOC invoice update

- FMOC Invoice published on Nov 15th included the incorrect CMOAU and CMOAV rates for ROI and NI market participants: Ref: [Market message](#) published on the 18/11/2022.
 - As per updates provided at the MOUG on Dec 15th & May 25th, SEMO Settlements had intended to publish an Oct 2022 MO Invoice which will reverse the original invoice issued, and to then re-publish the correct Oct 2022 MO invoice with the correct rates. End-to-end testing was required to complete the testing of this approach. As per TSC code, settlement systems are not designed to apply standard M4/M13 resettlement to FMOC data.
 - **MOUG Nov 9th update:**
 - Testing outcomes have shown that that it is not possible to process reverse invoices on the Oct 2022 FMOC within the settlement systems. This is due to the timing and sequencing of Oct 2022 MO invoice resettlement data which has since been processed and published as an M13 MO Invoice.
 - The overall materiality estimated within the test environment is ~€54K due to ROI market participants (38) and ~£10K due to NI market participants (19) . ~€150 is owed to SEMO.
 - SEMO Settlements are committed to resolving this issue with the market, and now intend to issue a manual MO Invoice (PDF format) to impacted market participants which will reconcile the delta amount to be paid out by SEMO (or due to SEMO).
 - The manual invoice will be issued out a week or two in advance of a standard monthly MO Invoice run (2nd Tuesday of each month), with payments in/out for the manual invoice to be aligned with a standard monthly scheduled MO Invoice payments in/out dates.
 - Interest will not be applied to payments or charges for this manual FMOC reconciliation.
 - More details on this approach and planned timings will be communicated through market messages and at one of the upcoming weekly market participant calls.



Settlement Documents to issue Friday 10th Nov 2023

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

Settlement Document for Friday 10th Nov:
INITIAL BALIMB - (29/10/23-04/11/23) - Week 44 2023 INITIAL CRM - OCT 2023
M+4 BALIMB - (09/07/23-15/07/23)- Week 28 2023
M+13 BALIMB - (09/10/22-15/10/22) - Week 41 2022
AH BALIMB - (08/12/19 - 14/12/19) - Week 49 2019 - IT2 AH BALIMB - (19/01/20 - 25/01/20) - Week 03 2020 - IT2 AH BALIMB - (04/12/22 - 10/12/22) - Week 49 2022 - BAU



Question & Answer Section



System Operations Update

Robert Koch/Stephen McClure



Ireland Winter Outlook

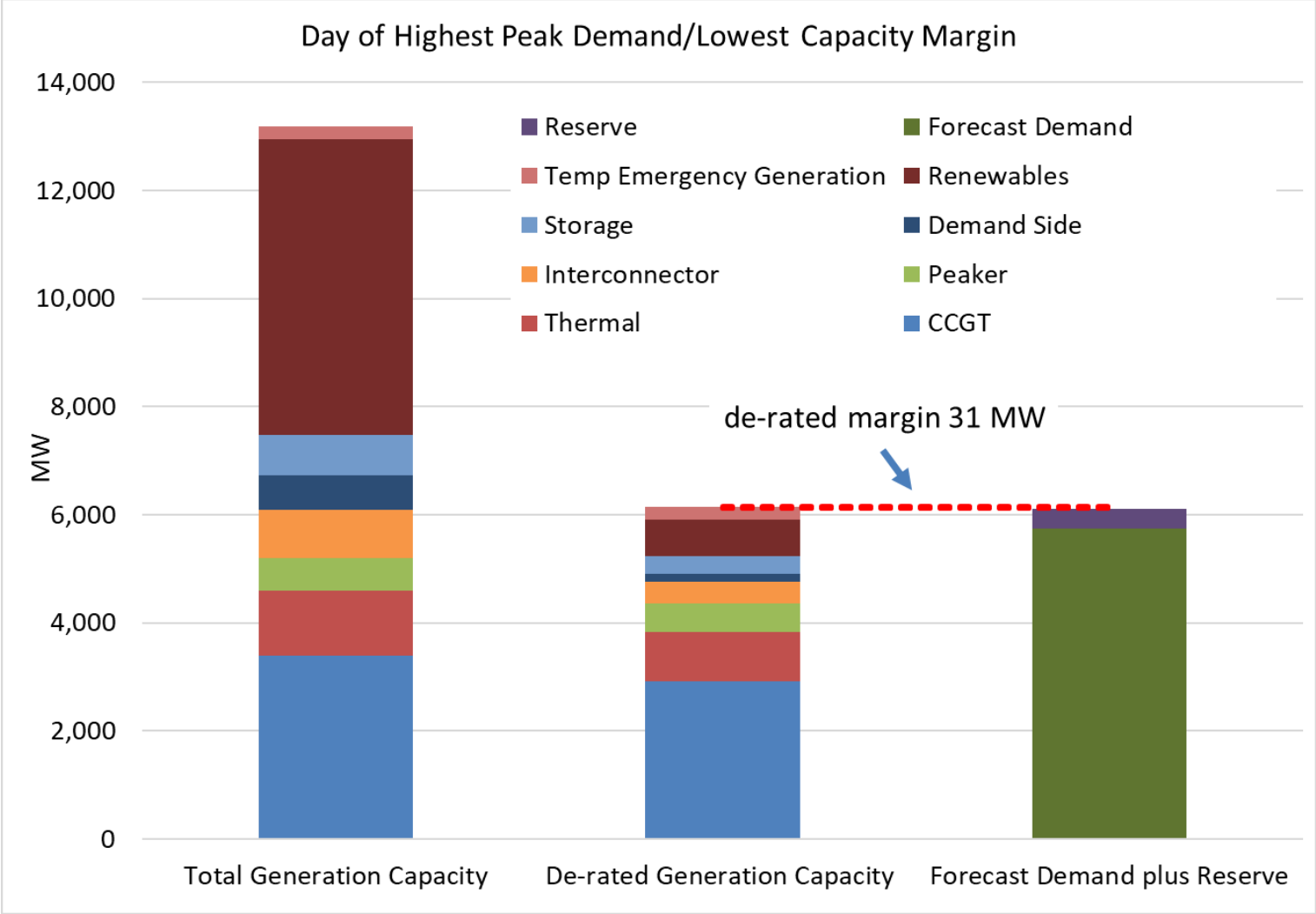
- Loss of Load Expectation of **21 hours** is outside level of risk set by CRU (8 hours per year)
- The minimum de-rated margin expected in the range of **-159 to 291 MW** (31 MW base case)
- There is an expectation that the system will enter the Alert State at times, most likely at periods of low wind and low interconnector imports. There is a reasonable probability of the system entering the Emergency State due to insufficient generation being available to meet the demand.
- The Expected Unserved Energy (EUE) figure would suggest that, on average, electricity consumers could be without supply for up to 2 hours over the winter period. This does not necessarily mean that electricity consumers will be without supply for any period. It is simply a metric used to measure the risk or likelihood of such an event happening.



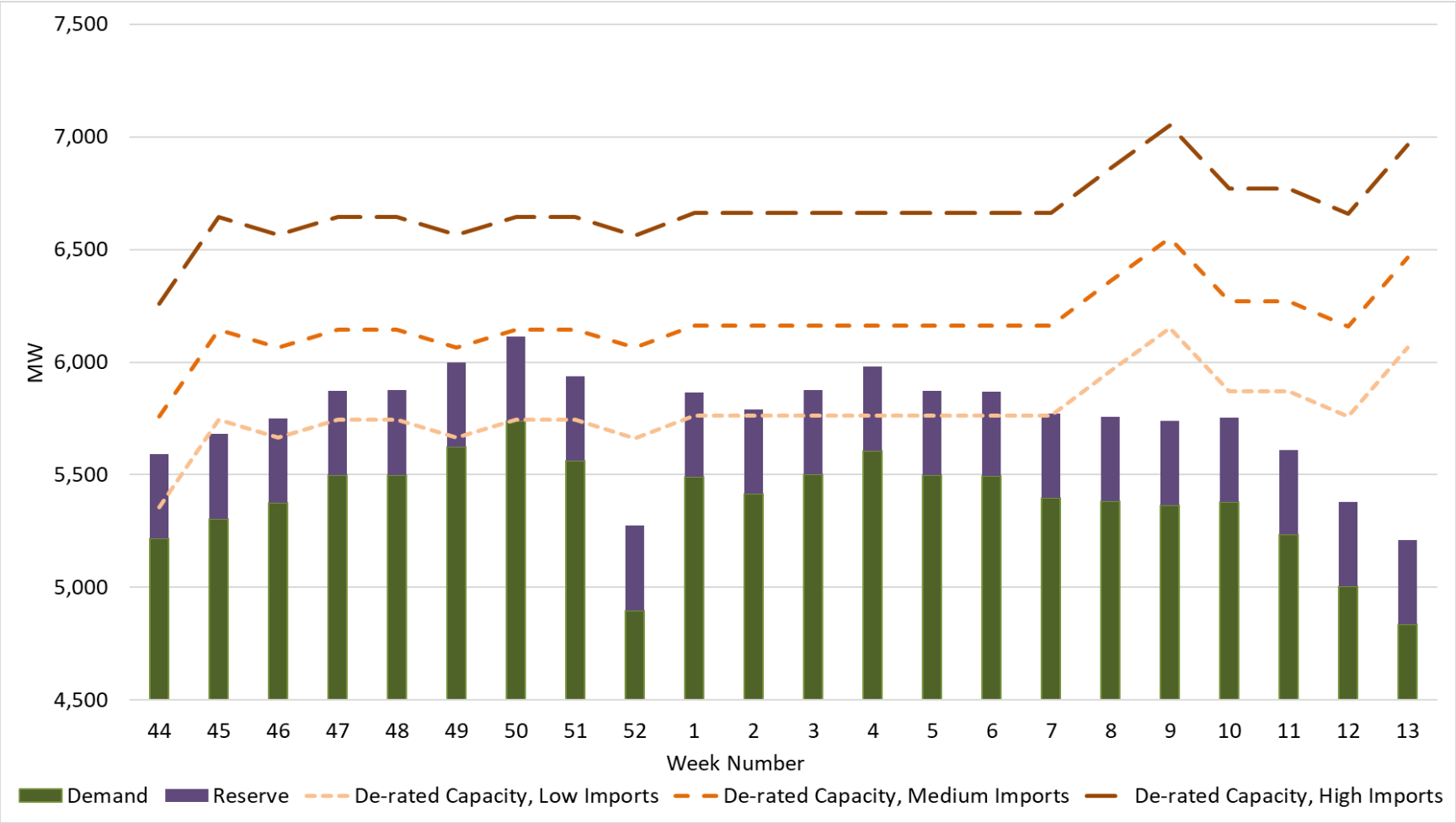
	2023/24 Base Case	2022/23 Base Case (for comparison)
Loss of Load Expectation (LOLE)	21 hours	51 hours
Expected Unserved Energy (EUE)	5,427 MWh	12,525 MWh
Minimum de-rated margin (MW) over winter period (base case)	31 MW	-9 MW
Minimum de-rated margin (%) over winter period (base case)	0.5%	-0.2%



Ireland Winter Outlook - De-rated Capacity Margin



Ireland Winter Outlook - Week by Week



Question & Answer Section





Winter Outlook

Northern Ireland

20 October 2023

Year-To-Date - Summary

- There was one alert, over the Summer period – 10th July
- Long forced outage of C30
 - impacted other planned outages at Ballylumford, led to tight margins
- Kilroot coal units continued to operate at a reduced output, and were quite unreliable
- Management of Kilroot coal stocks, ensuring adequate supply was available up to their retirement on 30th Sept
- Delay on the connection of KGT6 & KGT7 – due 1st Oct 2023, current REMIT is March 2024
- Ballylumford units B10, B31 & B32 de/re-registered, as they ended their PPB contracts
- Forced outage rate increasing over previous years, mainly due to the C30 outage and Kilroot Coal capabilities.

Winter Outlook – Summary

- The Loss of Load Expectation (LOLE) for the 2023/24 winter period is 1.95 hours. This is within the level of risk that is set by the Department for the Economy.
- Expected unserved energy suggests that on average each household in NI could potentially be without supply for a minimal time (under 10 minutes).
- Minimum de-rated margin over the winter period is expected to be in the range of 61 MW to 291 MW.
- This points to a minimal increase in risk for winter 2023/24.

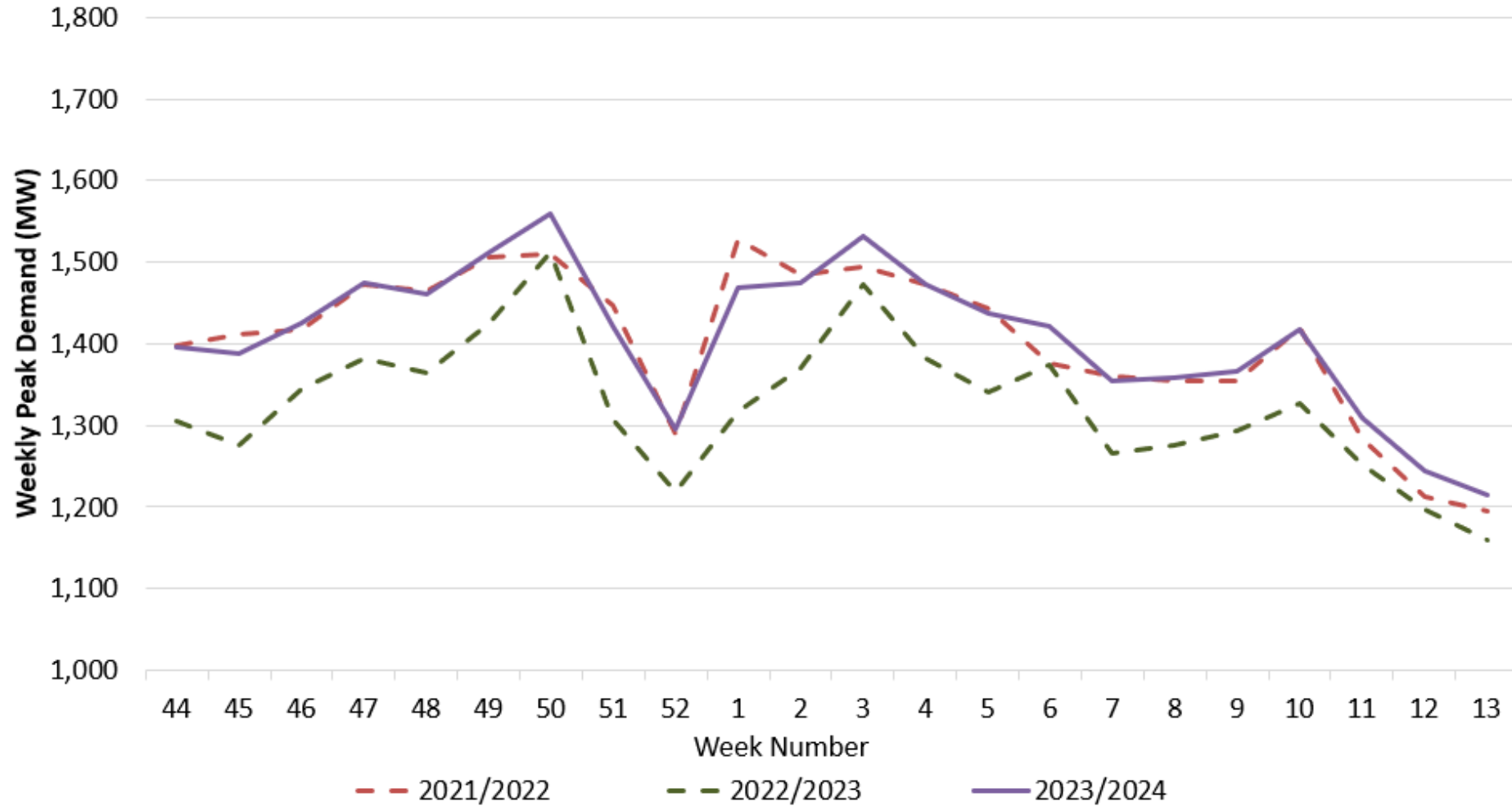
	2023/24 Base Case	2022/23 Reference
Loss of Load Expectation (LOLE)	1.95 hours	1.5 hours
Expected Unserved Energy (EUE)	169 MWh	107 MWh
Minimum de-rated margin (MW) over winter period	181 MW	233 MW
Minimum de-rated margin (%) over winter period	10.7%	13.7%

Winter Outlook – System Risk

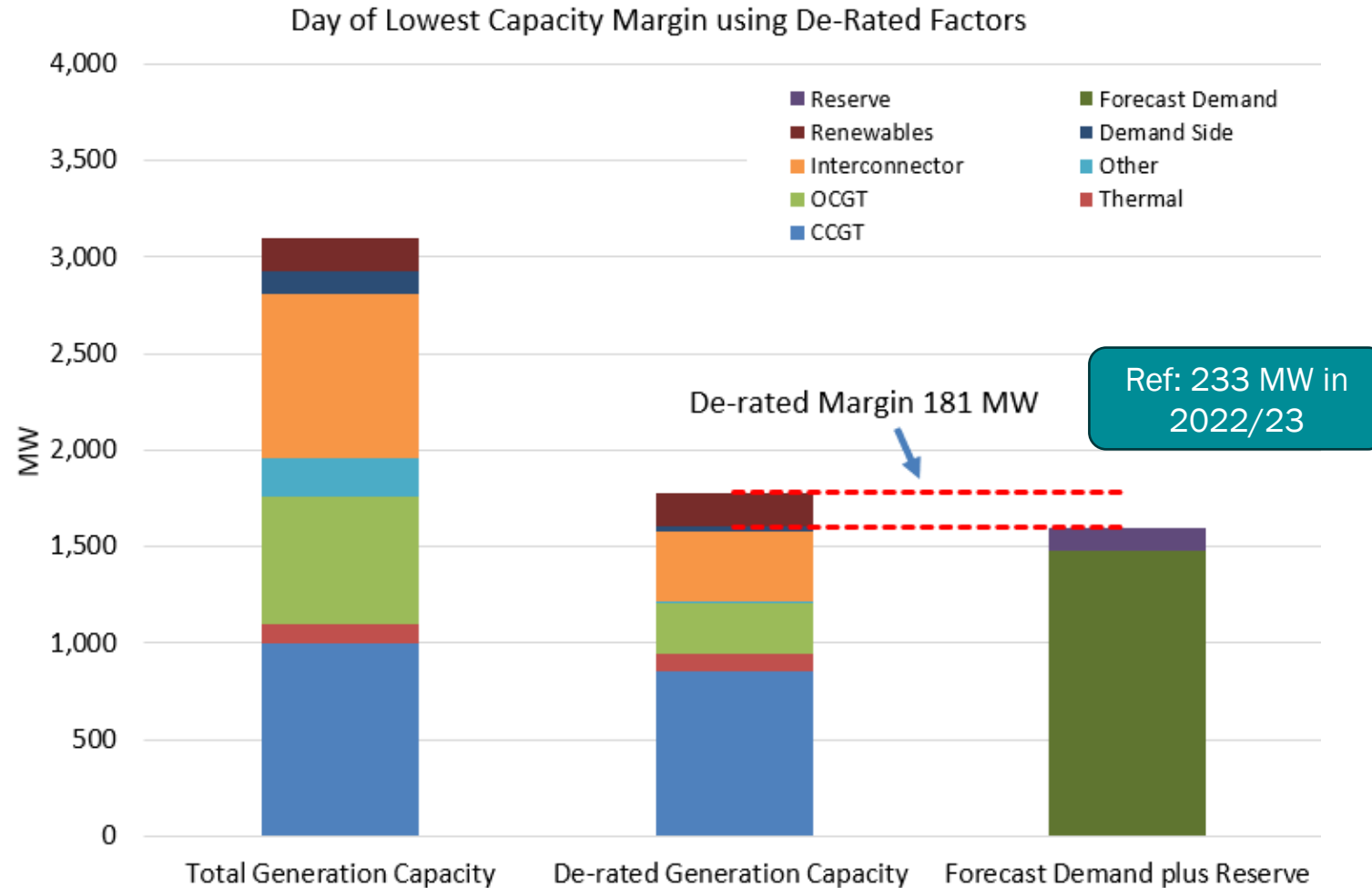
Whilst we expect there to be sufficient generation to meet consumer demand in normal operating conditions, it is important to be clear that our assessments point to a small increase in risk in comparison to the last few years.

	Risk	Comment
Alert State	LOW/MEDIUM	With the loss of just a single large unit in Northern Ireland, there is risk of the system entering the Alert State, most likely at periods of low wind and interconnection
Emergency State	LOW	The risk of the system entering the Emergency State due to insufficient generation available to meet the demand is low
Blackout	NO RISK	There is no risk of a system-wide “blackout” solely due to insufficient generation under any circumstances this winter. Multiple and significant failures would have to occur to cause a system wide blackout

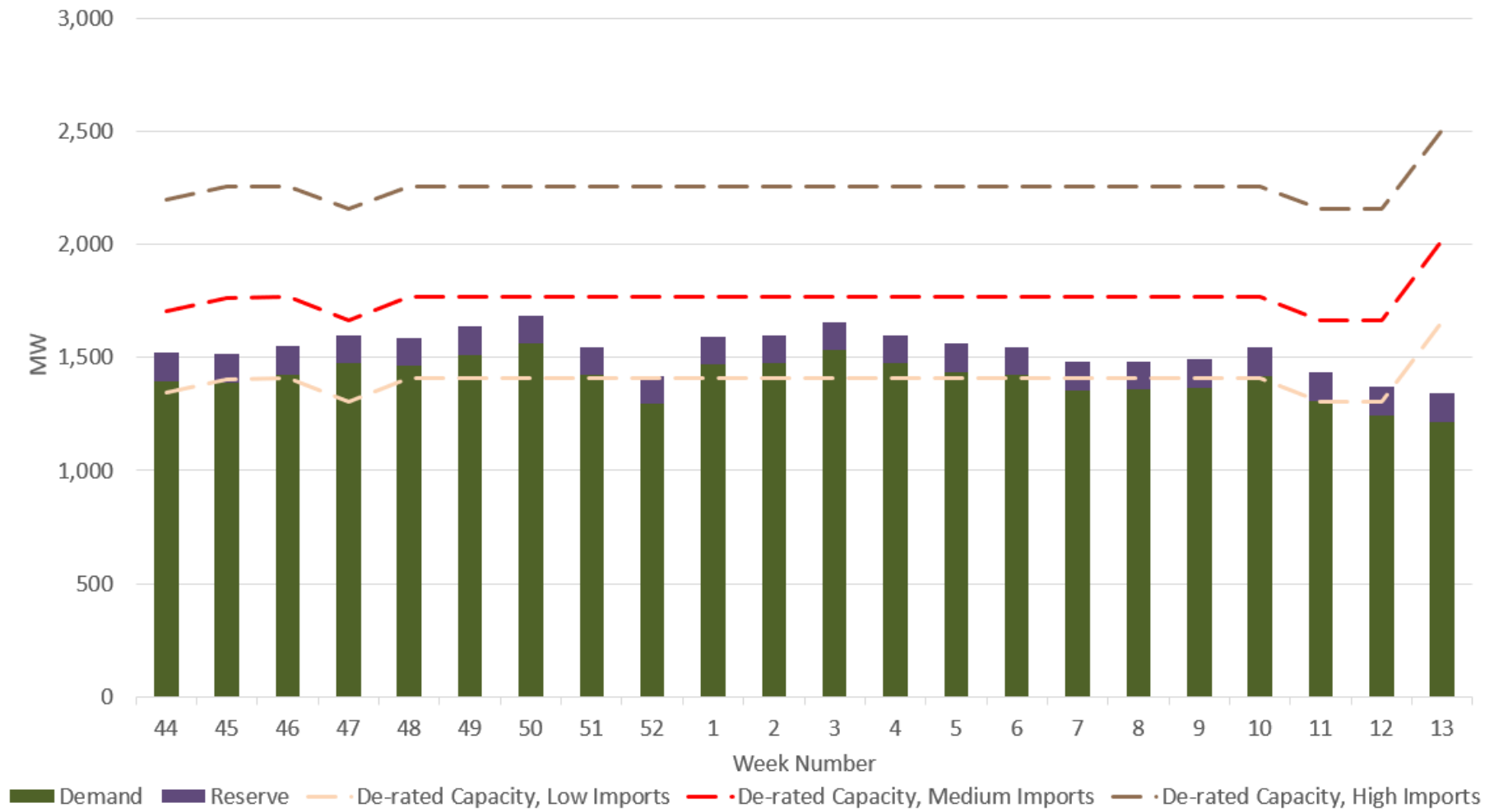
Winter Outlook – Peak Demand



Winter Outlook – De-rated Capacity Margin



Winter Outlook – Largest unit unavailable



Winter Outlook – Concluding Observations

Small increase in risk from the last few years – unit retirement and new connection delays

There should be sufficient generation this winter to meet expected demand in normal operating conditions

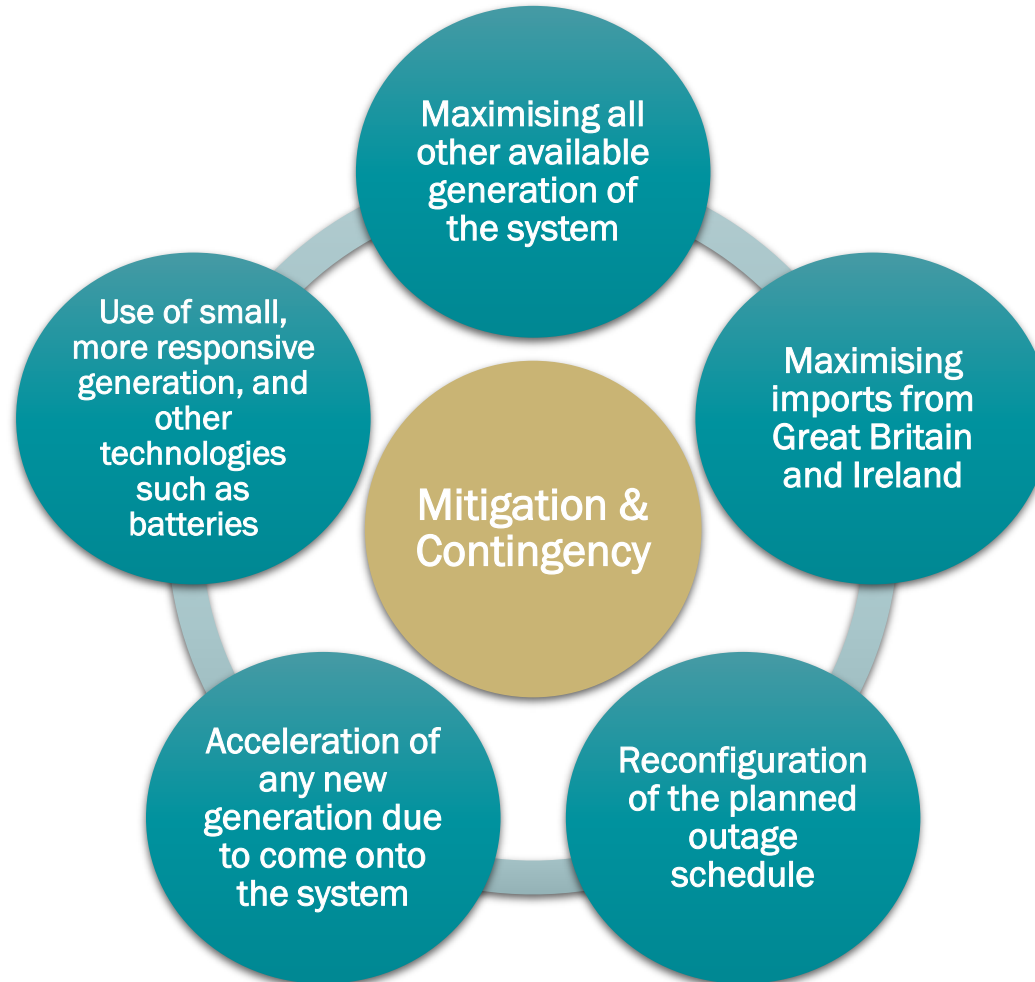
The NI power system may, at times, be relying on the availability of imports and renewable generation to maintain security standards

With high and median imports, the risk of the Northern Ireland system entering the Alert state is low

Actual imports are likely to be around the median levels anticipated. As wind availability increases, it reduces the reliance on median or high imports

Winter Outlook – Mitigation & Contingency

Our team of expert engineers are always managing a degree of risk in operating the transmission system and we have tried and tested mitigation and contingency plans in place in the event any challenges arise.



A blurred night scene of a city street. The background is filled with out-of-focus, colorful bokeh lights in shades of blue, purple, orange, and red. In the foreground, the silhouettes of several people are walking away from the camera on a dark street. The overall atmosphere is mysterious and contemplative.

Questions?

Temporary Emergency Generation

Robert Koch



09/11/2023

Treatment of Temporary Emergency Generation (TEG)

Winter 2023/24 update

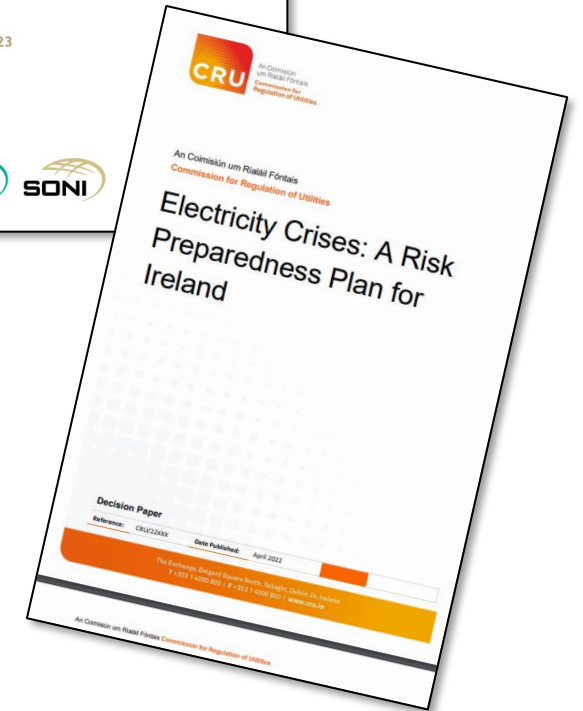
MOUG



Risk Preparedness

Temporary Emergency Generation (non-market)

- Provisions for non-market generation have been included by the CRU in the updated Risk Preparedness Plan (RPP) for Ireland, issued in May 2023 - pursuant to EU Regulation 2019/941 (RPR).
- Key principles outlined in RPR Article 16(2) and given effect to in the RPP:
 - TEG will be deployed as a last resort if all options provided by the market have been exhausted or where it is evident that market-based measures alone are not sufficient to prevent a further deterioration of the electricity supply situation
 - Non-market-based measures shall not unduly distort competition and the effective functioning of the internal electricity market.
 - They shall be necessary, proportionate, non-discriminatory and temporary.
 - The competent authority (CRU) shall inform relevant stakeholders in its Member State of the application of any non-market-based measures.
- Operational treatment of TEG has been included in the Balancing Market Principles Statement (Ver 7) issued June 2023, based on the provisions in the RPP.



Market Operations

TEG treatment in the Market

Capacity Market

TEG units will not participate in auctions

- Will not receive capacity market payments
- Will not hold an RO
- Will not be subject to difference charges

Ex-ante Market

TEG units not permitted to participate

- No ex-ante market revenue
- Ex-ante process and volumes unaffected
- Ex-ante import/export schedules unaffected

Ancillary Services

TEG units will not receive revenue

Balancing Market (BMPS Ver 7)

Only available when a (real-time) security of supply risk has been identified; where it is evident that market-based measures alone are not sufficient to prevent a further deterioration of the electricity supply situation.

- Will submit complex offers
- Will receive payments / charges from the balancing market
- Infra-marginal rent is returned to EirGrid (ultimately the IE customer base) when the TEG units are dispatched.

System Operations

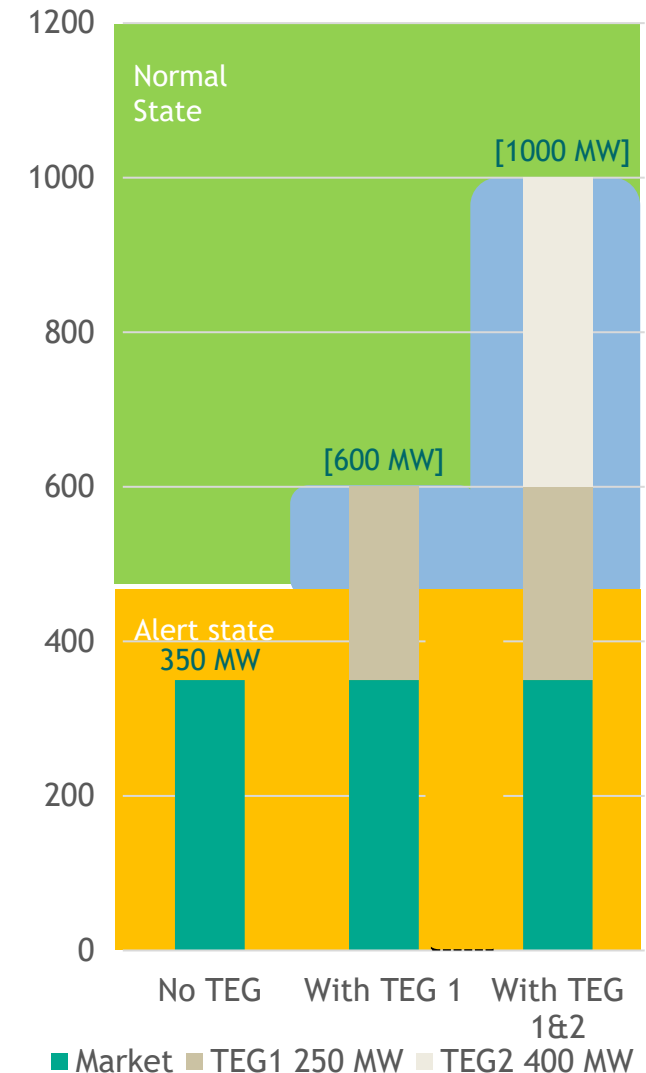
TEG treatment - margin calculations & dispatch

- TEG will not normally be included in system margin calculations.
- A **System Market Notice (Margin Warning)** will be issued when the system would otherwise be in **Alert** or **Emergency** state in the absence of TEG.
- The system may remain in **Normal** state when TEG is included in margin calculations - pursuant to clause 3.1(a)(ii) in the RPP (Table1).
- TEG units will only be dispatched when a **Margin Warning** has been issued, **AND** where it is evident that market-based measures alone are not sufficient to prevent a further deterioration of the electricity supply situation - having considered energy limited resources on the day (e.g. hydro, batteries, DSU's).
- When an **Alert** or **Emergency** state is issued, this will be after including the contribution of TEG in the margin calculations.
- All measures under Alert and Emergency states are unaffected.



Note: TEG units can be dispatched in under 15 min

Margin Calculation including Non-Market Generation



Example: 350 MW margin provided by market measures

System Operations

TEG treatment - margin calculations & dispatch [ref: RPP Clause 3.1(a)(ii)]

System State	Communication	Actions
Normal		Continuous scheduling & dispatch (incl. DSUs, Peaking units, Batteries) Maximise N/S tie-line support Interconnector trades
Alert <i>no TEG units in margin calc</i>	Margin Warning issued	TEG capacity included in margin calculations Continue market actions to avoid dispatching TEG TEG units dispatched Continue market actions to minimise TEG dispatch
Alert <i>[with TEG included in the margin calculation]</i>	Alert State issued	Interconnector Emergency Assistance requested LEU's prepare for Mandatory Demand Curtailment DSO prepares for Demand Disconnection
	Public Appeal	Public / LEU request for voluntary demand reduction
Emergency <i>[with TEG included in the margin calculation]</i>	Emergency state issued	Interconnector Emergency Instruction (0 MW if exporting) LEU Mandatory Demand Curtailment (1 hr notice) DSO Demand Disconnection

Question & Answer Section



Future Markets Update

David Carroll



Future Markets Update

- We commenced publishing a monthly newsletter since October 2023
- TSOs are progressing with developing a consultation paper on the detailed design for the DASSA for the Future Arrangements for System Services (FASS). This has a dependency on the SEMC Decision on SEM-23-043 and we await this.
- A Call for Evidence has been published in relation to Long Duration Energy Storage on 26 October on SONI and EirGrid consultation portals. An industry workshop is taking place in Dundalk on 10 November
- Energy Ministers across EU met on 17 October and agreed the Council of Minister's position on the EU's Electricity Market Design (EMD). The Council and European Parliament will now enter into trilogue negotiations with the Commission, in which the three institutions will develop a final agreement on the file. We await outcome of this.

Future Markets Update

- An industry workshop was held with market participants in relation to Scheduling & Dispatch 01 November
- Over coming weeks there will be a focus on closing down any remaining queries in relation to the Tranche 1 initiatives
- The target will then be to finalise any modifications required around the Trading & Settlement Code and the relevant Grid Codes
- Provided funding has been approved we will then look to proceed into system implementation



Scheduling and Dispatch: Timelines

SOEF Milestone ID	Milestone	Milestone Date
SOEF 1.1 SDP.M01	Requirements Definition Complete for Scheduling and Dispatch Programme Tranche 1 Initiatives	Jul - Sep 2023
SOEF 1.1 SDP.M02	Publication of key milestones for testing and go-live, including revised ISEM Technical Specification of Scheduling and Dispatch Programme Tranche 1 Initiatives	TBC
SOEF 1.1 SDP.M03	System Design Complete for Scheduling and Dispatch Programme Tranche 1 Initiatives	Jan - Mar 2024
SOEF 1.1 SDP.M04	System Build Commenced for Scheduling and Dispatch Programme Tranche 1 Initiatives	TBC
SOEF 1.1 SDP.M05	TSC, CMS & GC Mods Review Complete for Scheduling and Dispatch Programme Tranche 1 Initiatives by the relevant review group (Mods Committee, Grid Code Review Panel, Capacity Market Workshops respectively)	Jan - Mar 2024
SOEF 1.1 SDP.M06	Publication of milestones for Scheduling and Dispatch Programme Tranche 2 Initiatives	Jan - Mar 2024
SOEF 1.1 SDP.M07	Regulatory Authority approval for TCS, CMC & GC Mods for Scheduling and Dispatch Programme Tranche 1 Initiatives	Apr - Jun 2024
SOEF 1.1 SDP.M08	Implementation and Go Live for Scheduling and Dispatch Programme Tranche 1 Initiatives	TBC



We currently have an overall **low – medium** level of confidence on the timelines. More detailed timelines cannot be provided until the following are all completed:

- Funding from the CRU and UR for Phases 3-5 is required
- We are engaging with industry in parallel on the changes, code modifications, etc and these need to be finalised as soon as possible to finalise the design
- We are engaging with our IT Vendors on the detailed design and delivery schedules and are awaiting final timelines

Question & Answer Section

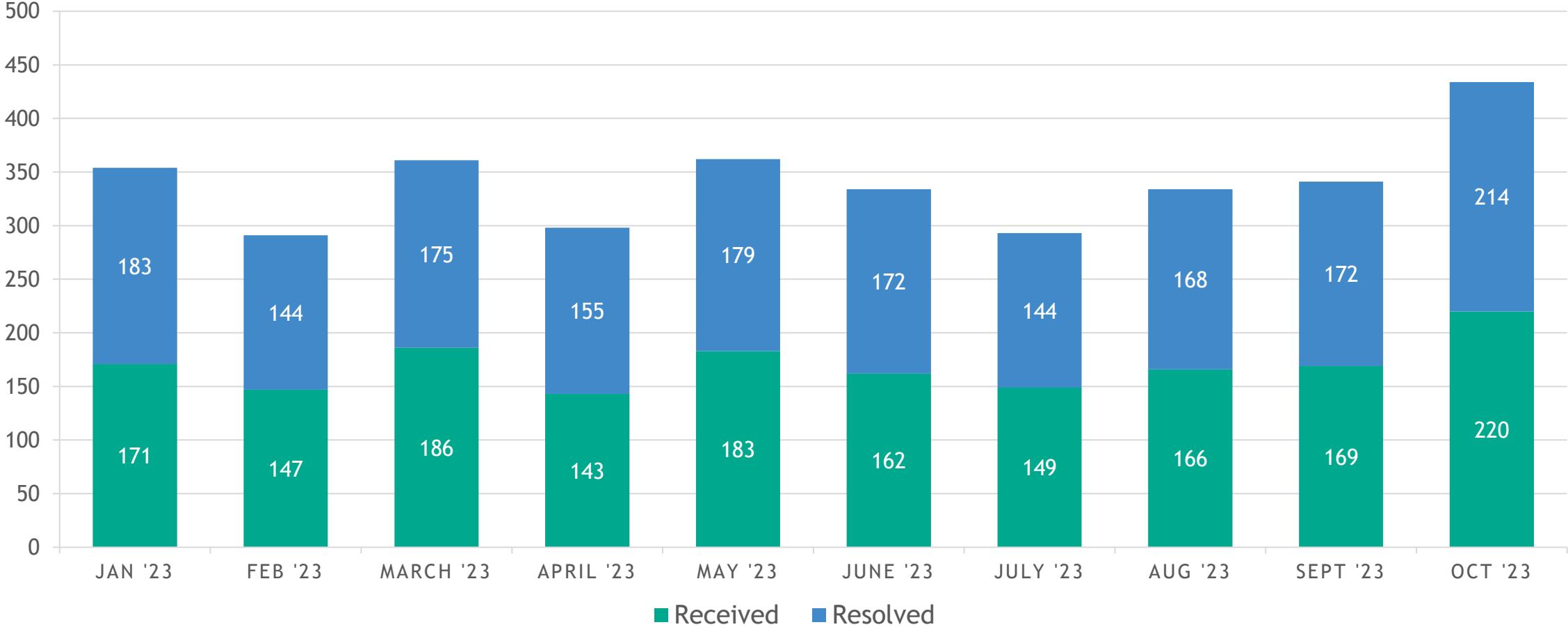


Market Interface

Rosaleen Fanning

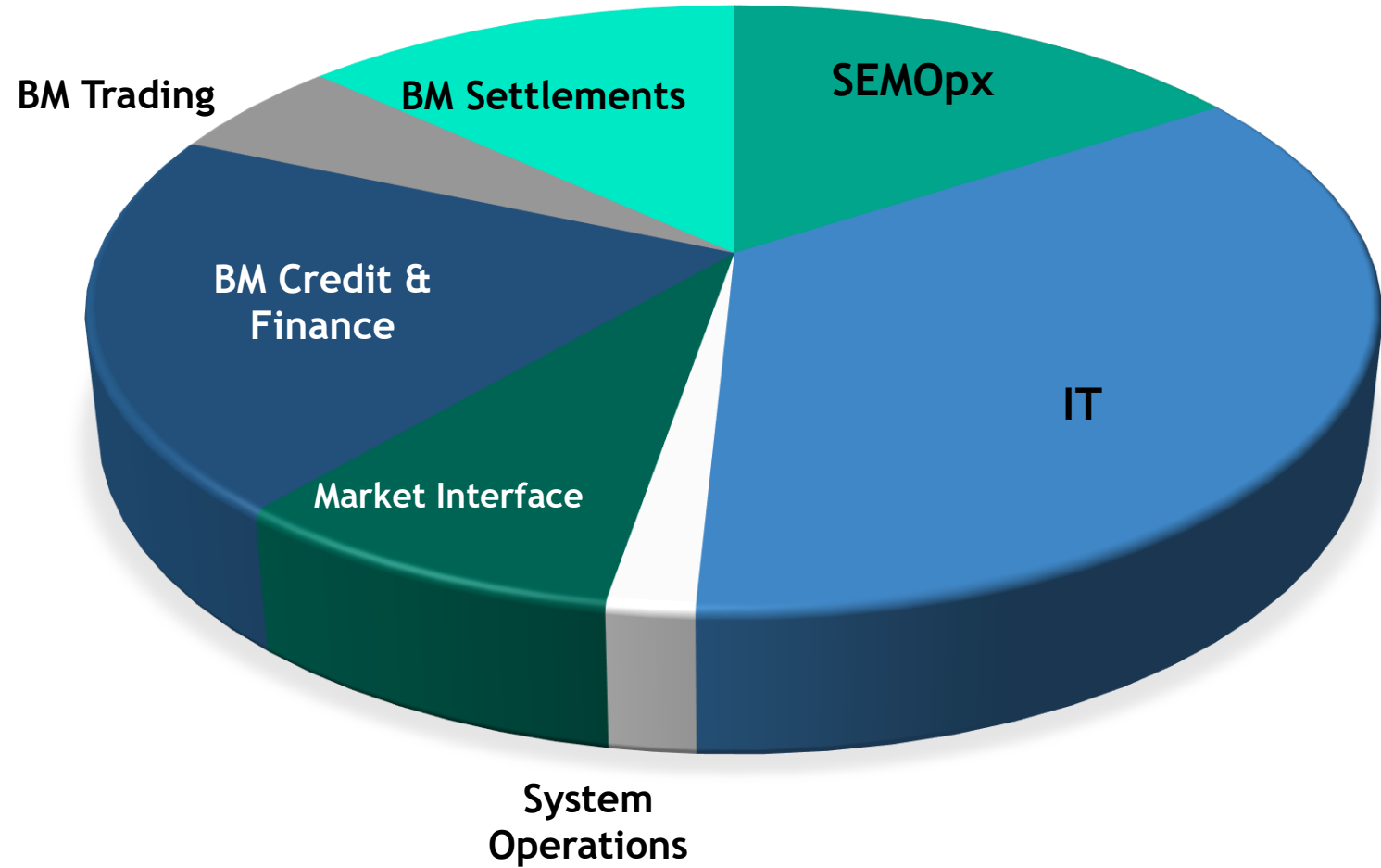


SEMO and SEMOpx General Queries: January to October '23, 1,696 have been received and 1,706 are closed.



SEMO and SEMOpx General Queries: From 11th of September - 03rd of November 2023

Received - 385
Resolved - 374



Formal Settlement Queries & Disputes: January to October 2023

Formal Settlement Queries

- Total Received: 133
- 7 are currently ongoing
- 126 completed (109 were upheld, 16 were not upheld and 1 was rejected)

Disputes

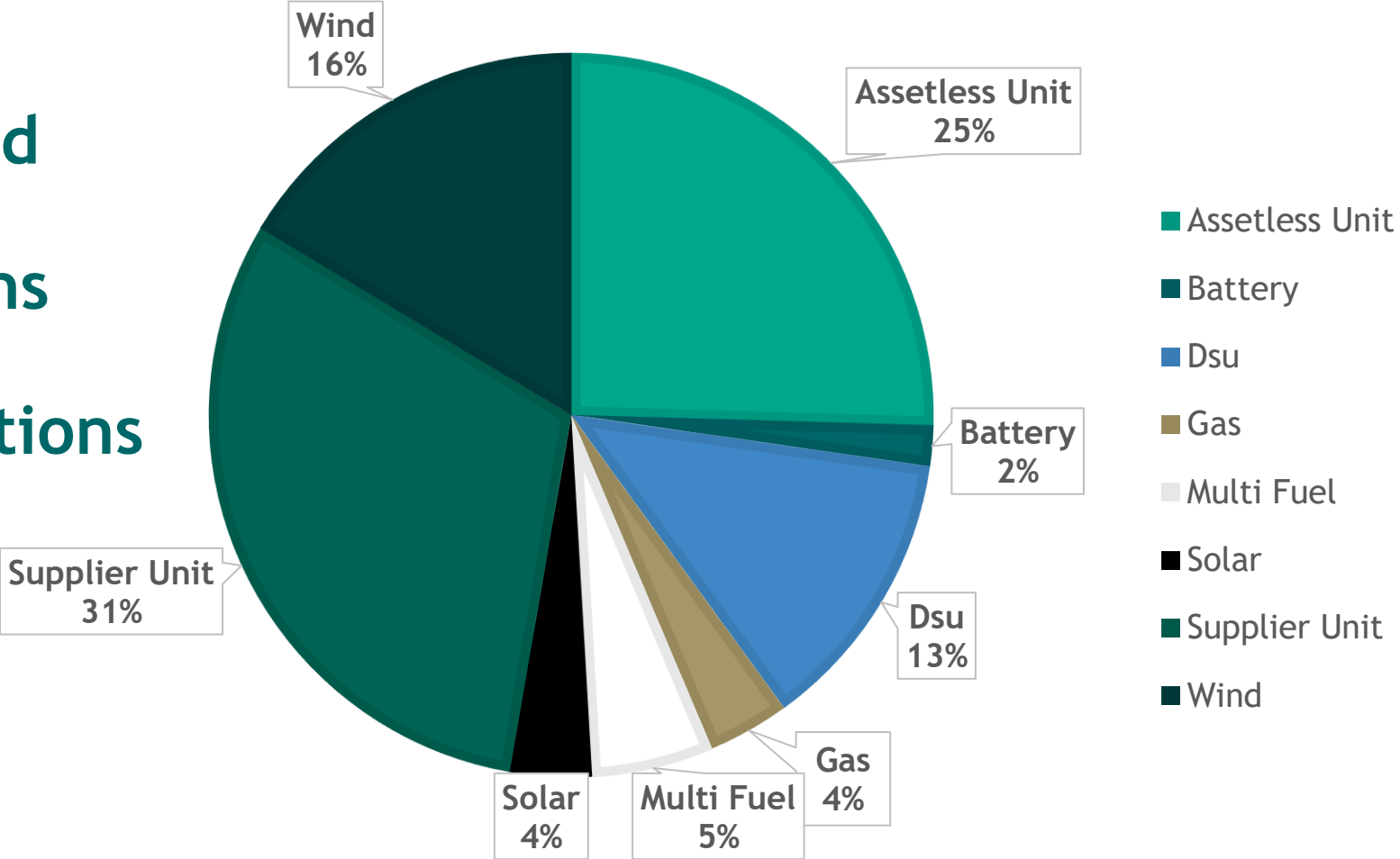
- 1 Dispute was raised during this period



Balancing Market Registration: January - November 2023

- 9 new Parties joined
- 55 Unit Registrations
- 17 Unit De-registrations

BREAKDOWN BY UNIT TYPE



Balancing Market Registration: Christmas Freeze

- There will be an IT System Freeze in the Balancing Market during the period **17:00 Thursday 14th December 2023 until 09:00 Wednesday 03rd January 2024.**
- The last available effective date for registrations prior to the freeze is **Wednesday 13th December 2023**, and the first available effective date after the freeze will be **Wednesday 10th January 2024.**
- The Registration team remain available for Participants that have queries regarding their ongoing registrations at BalancingMarketRegistration@sem-o.com

Question & Answer Section



Close

- SEMO Website: <http://www.sem-o.com/>
- SEMOpx Website: <http://www.semopx.com/>
- Contact: info@sem-o.com; info@semopx.com
- Capacity Market: CapacityMarket@sem-o.com

Thank you for your attendance.

