

Market Operator User Group

Dublin, 22 November 2018

Agenda

Item	Presenter
Welcome	Anne Fitzgerald
Ex-Ante Market	Liam McAllister
Balancing Market	Aodhagan Downey, Sam Matthews
Disputes, Repricing and Resettlement Update	David Carroll, Martin Kerin
Settlements & Funds Transfer	Sean O'Rourke, John O'Dea
Known Issues Update	Severin Garanzuay
Query Management	Claire Breslin
Q&A	

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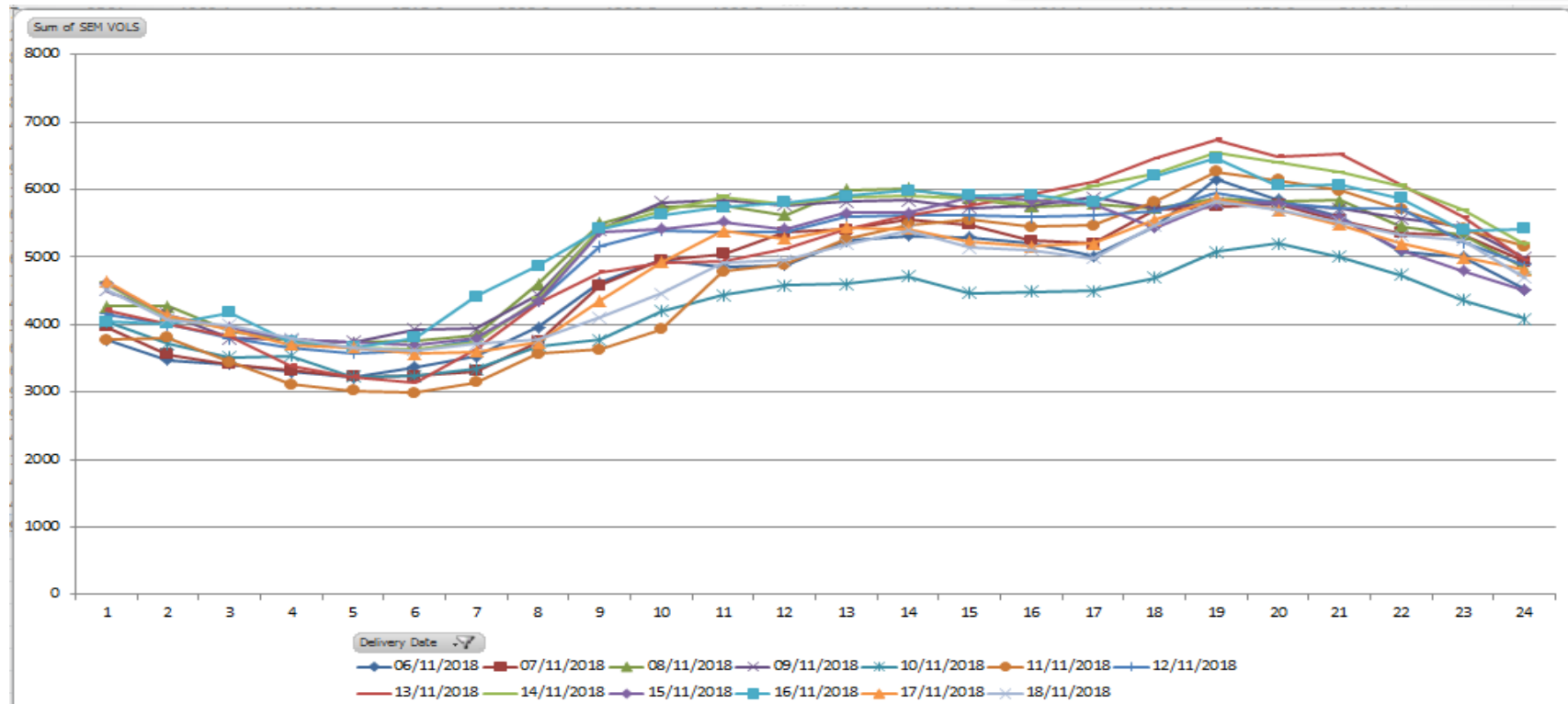
Ex-Ante Markets

- Volumes from ex-ante auctions (6th– 18th Nov)

- **DAM** still dominant

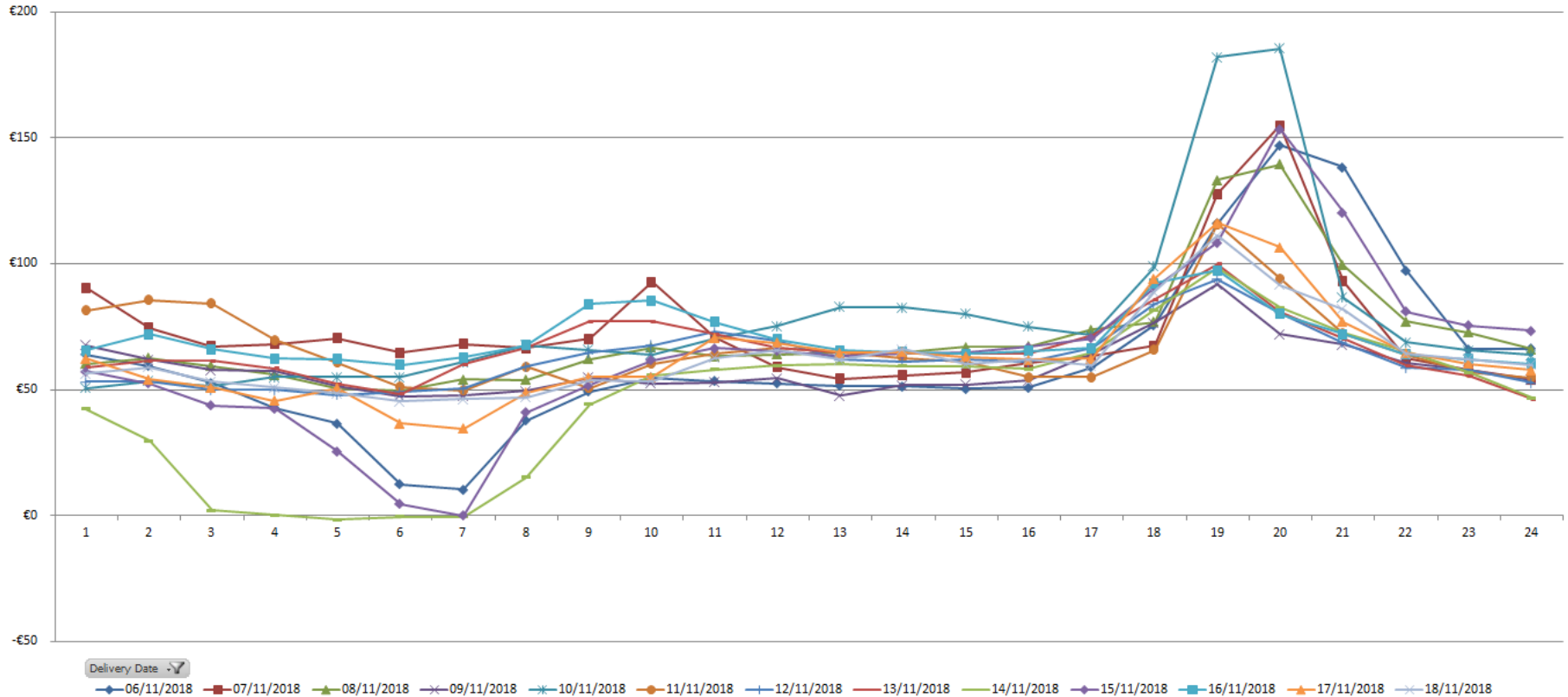
**Using approx. prices*

Market	Value	% of DAM
DAM	€97,823,141	
IDA1	€4,002,241	4.09%
IDA2	€1,984,872	2.03%
IDA3	€692,144	0.71%
IDC	€549,957	0.56%



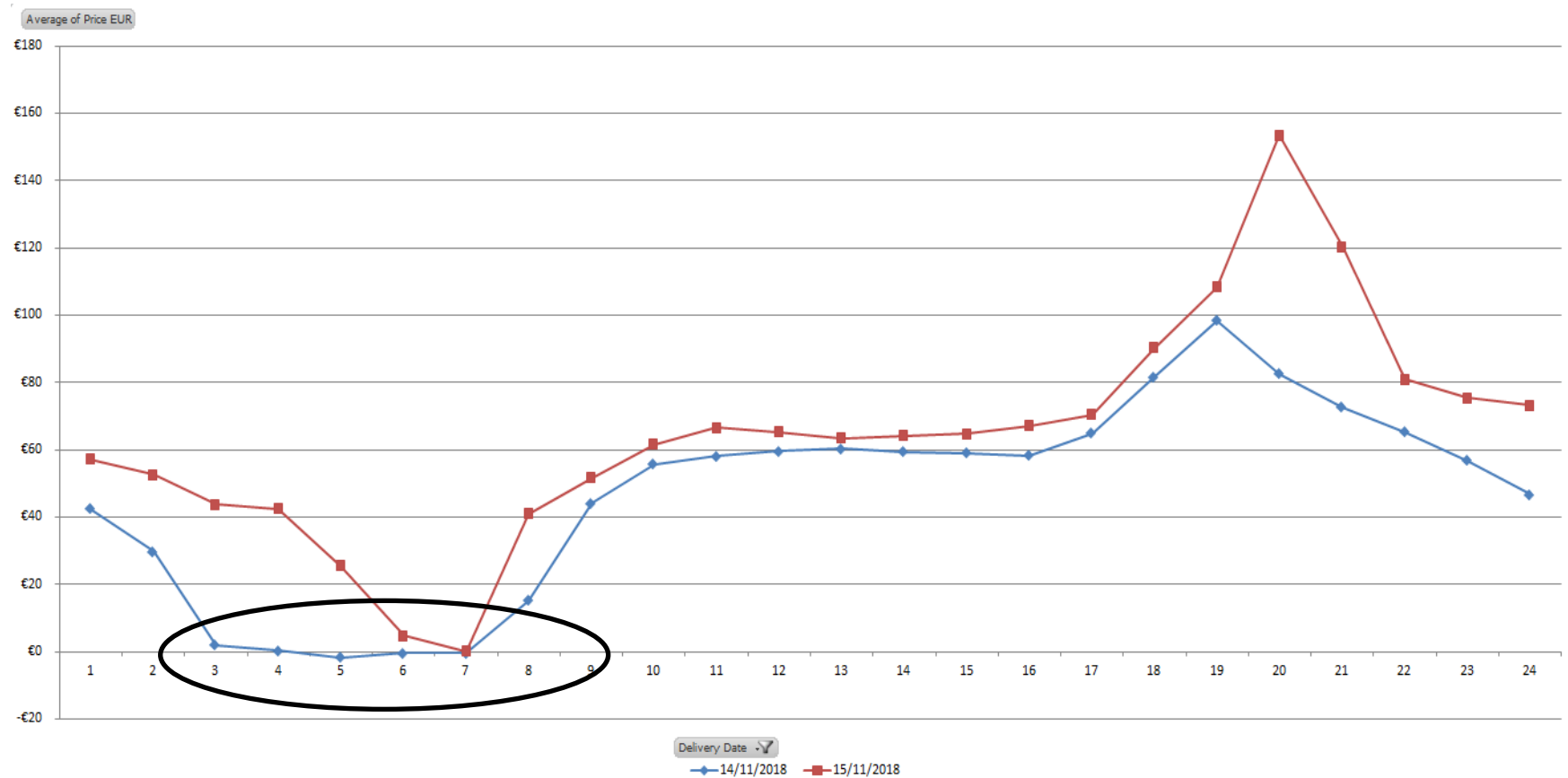
Ex-Ante Markets

- Prices from ex-ante auctions (6th– 18th Nov) – Price following Load



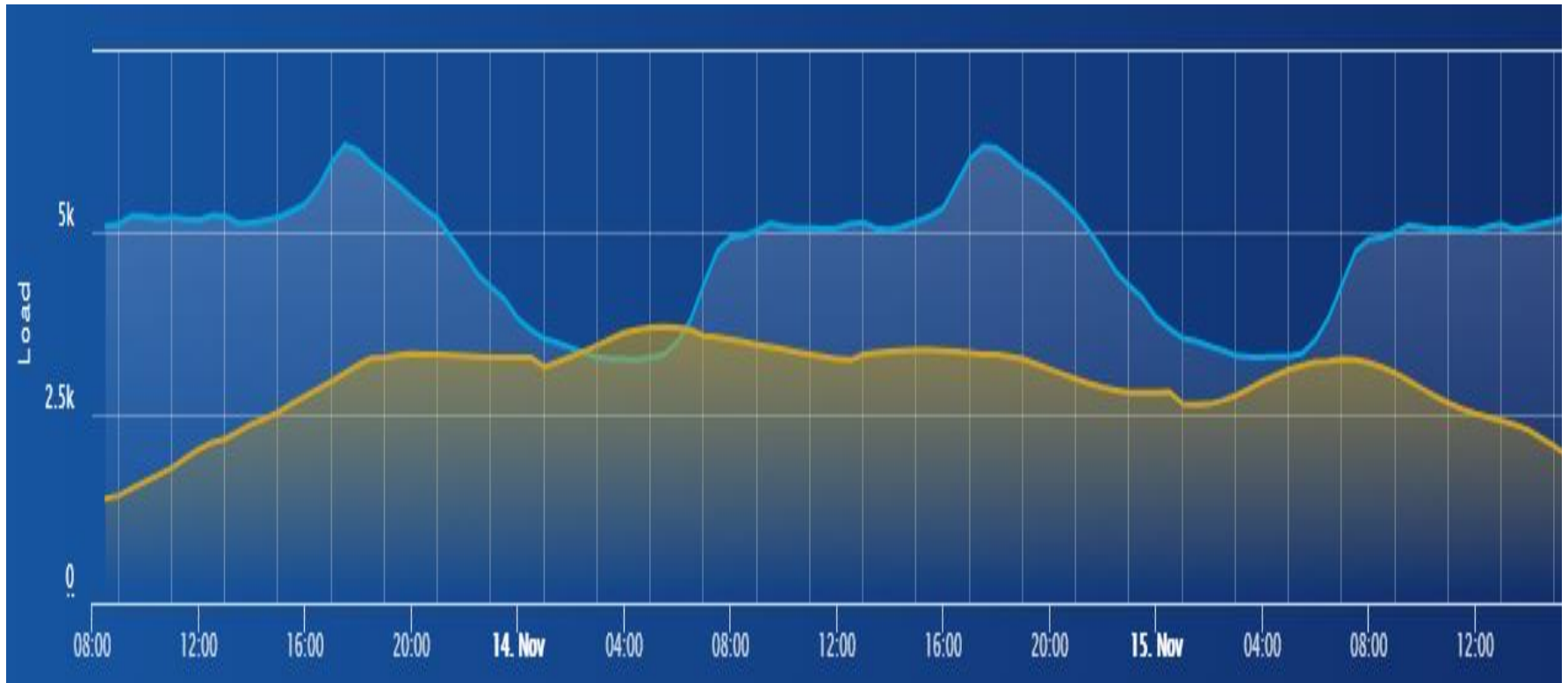
Ex-Ante Market

- Focus on 14th and 15th zero prices...



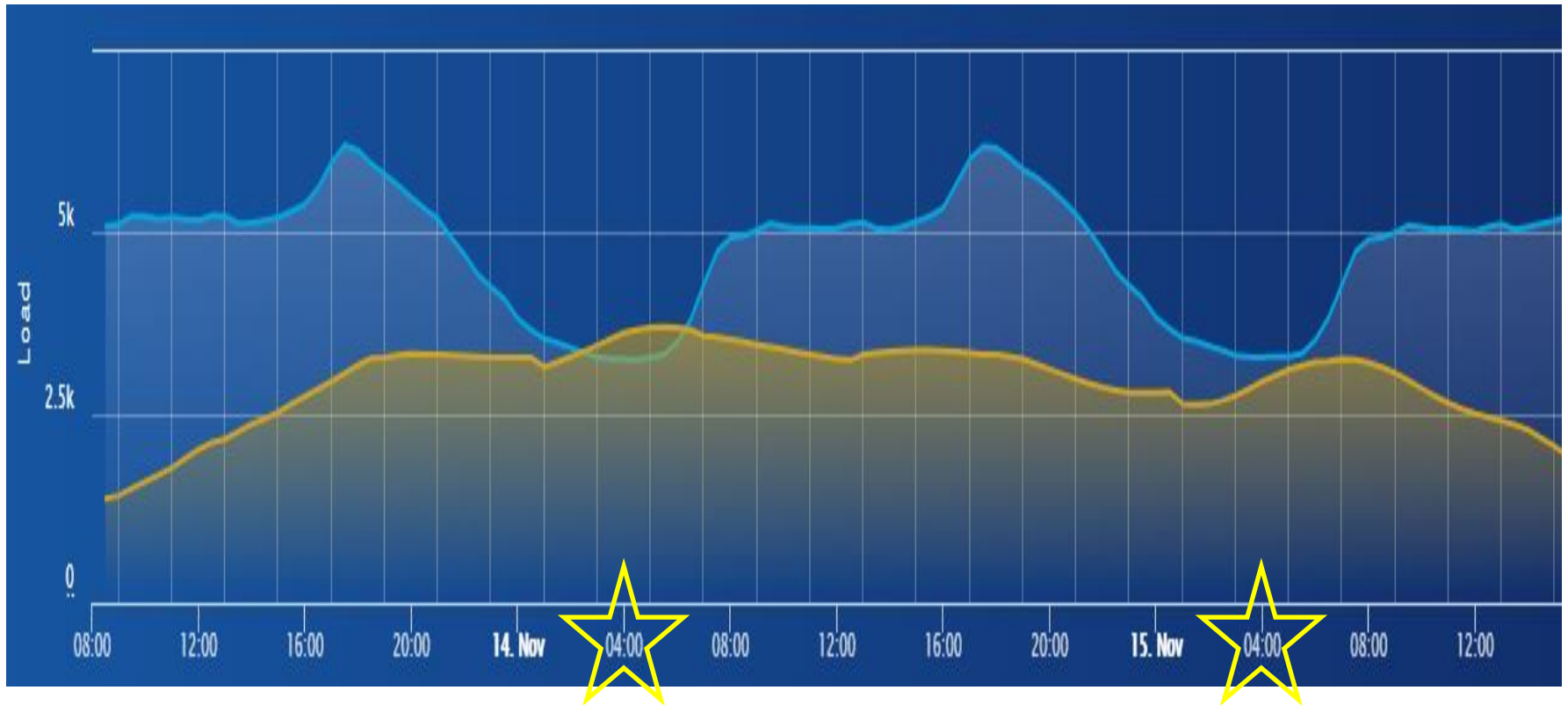
Ex-Ante Market Analysis

- 14th, 15th Nov – Wind & Load Forecast



Ex-Ante Market Analysis

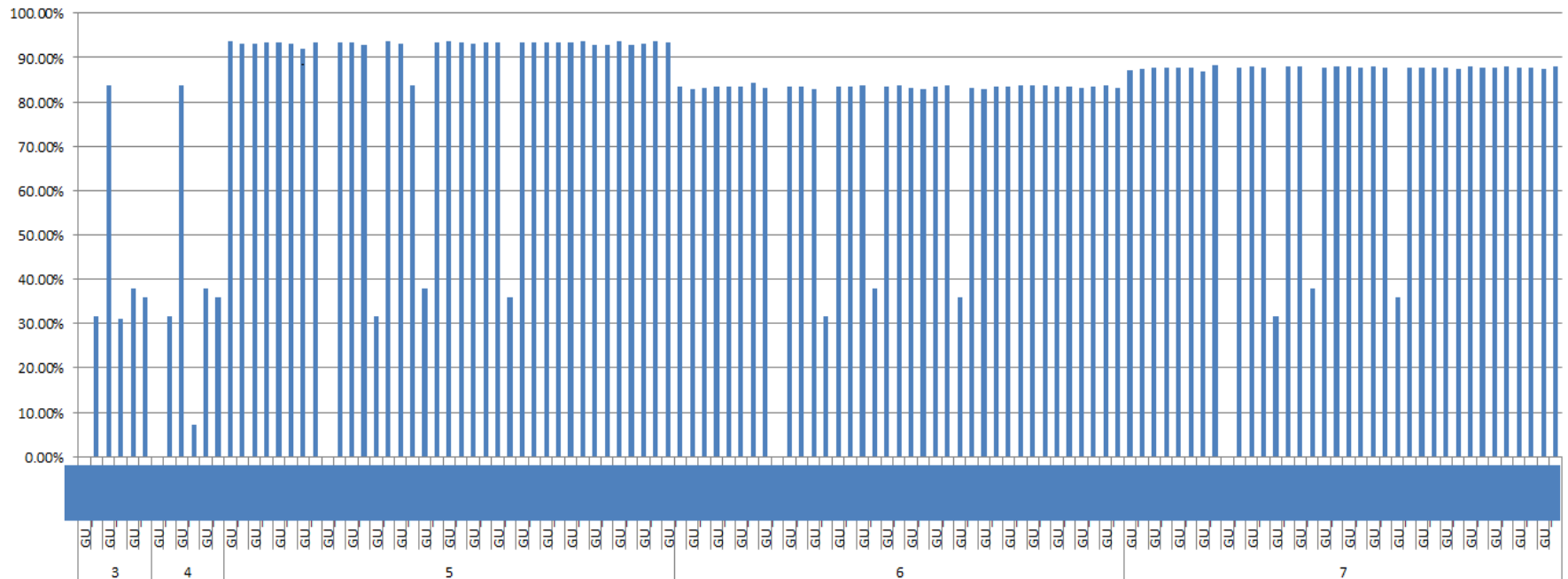
- 14th, 15th Nov – Early morning Forecasted High Wind on System



Ex-Ante Market Analysis

- 14th Nov – Multiple units submitted bids, willing to take any price between **€0-3000**.
- Similar % of each units orders partially filled, fulfilling demand.

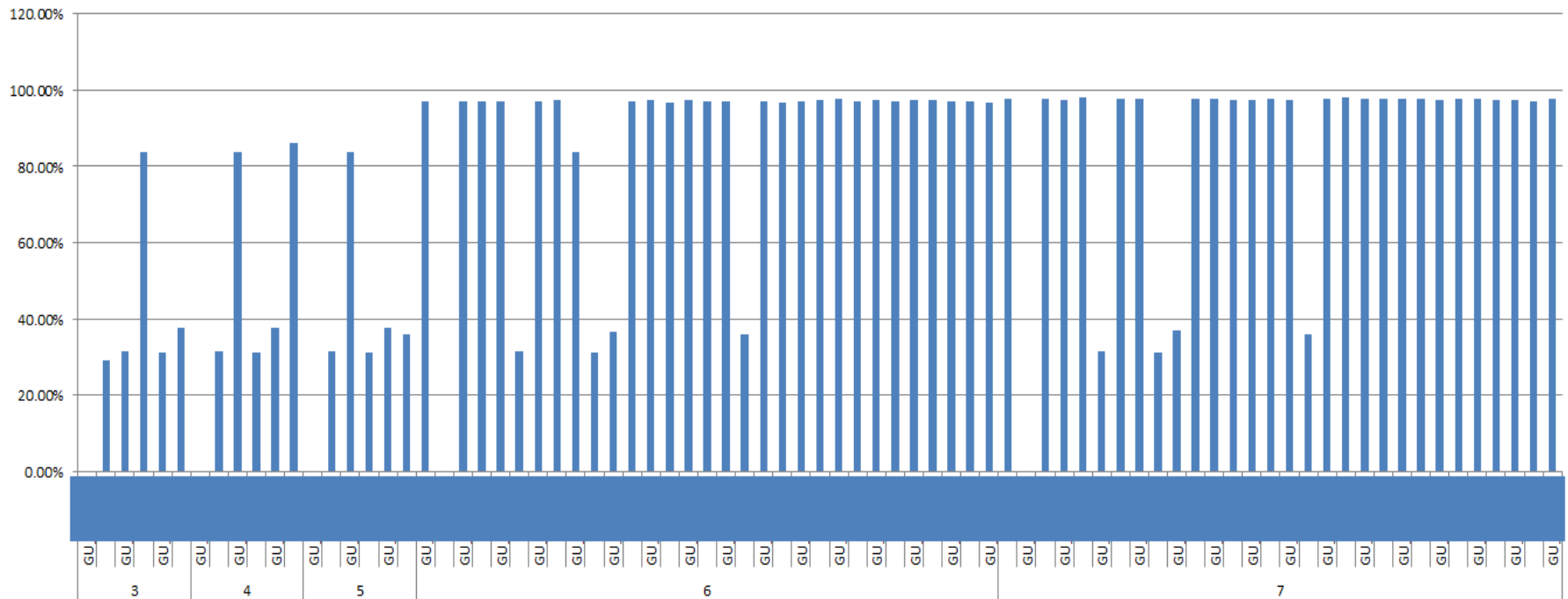
% of each Units' Offers Filled



Ex-Ante Market Analysis

- 15th Nov – Similar behaviour observed. Units willing to take any price between €0-3000

% of each Units' Offers Filled



Ex-Ante Market Analysis

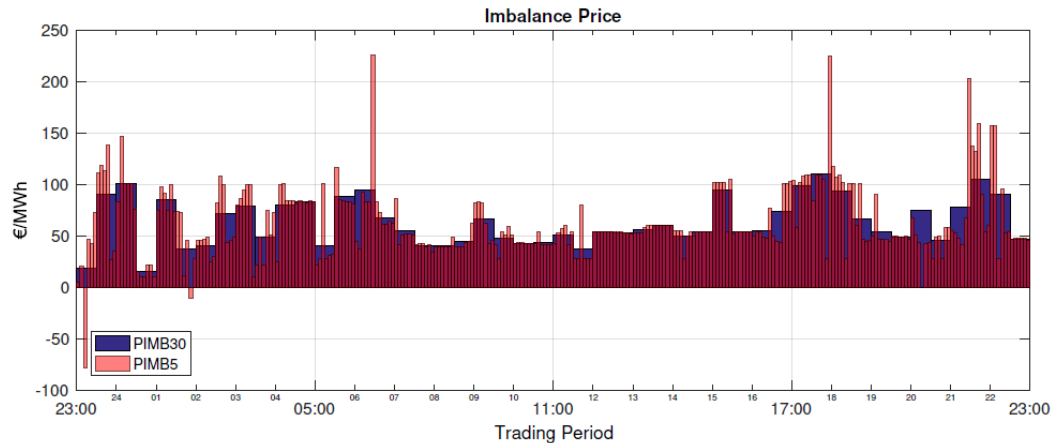
- 6-18th November - Summary
 - ✓ Ex-Ante markets are orderly markets
 - ✓ Processes are working
 - ✓ Market action observed to date is as expected.

Agenda

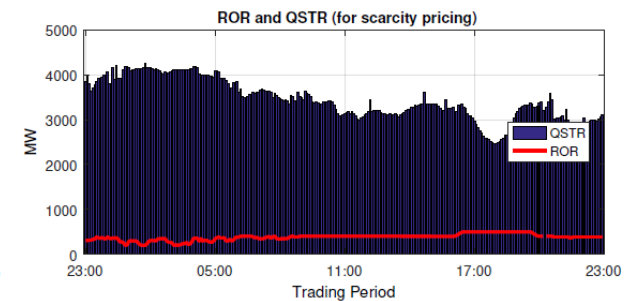
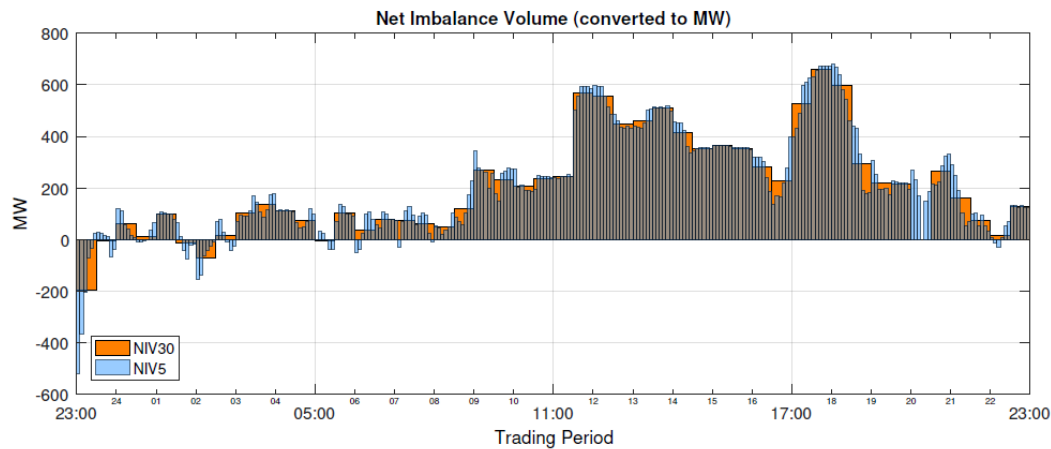
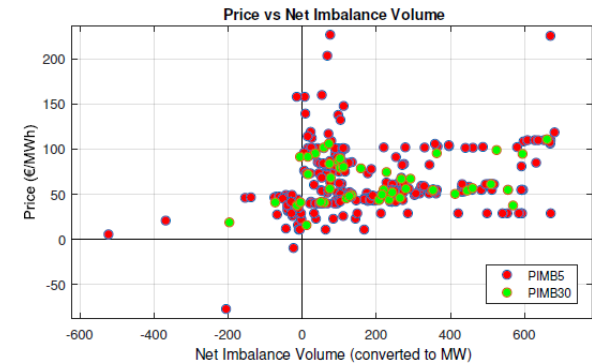
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Balancing Market

Imbalance Price Summary for: 10-Nov-2018

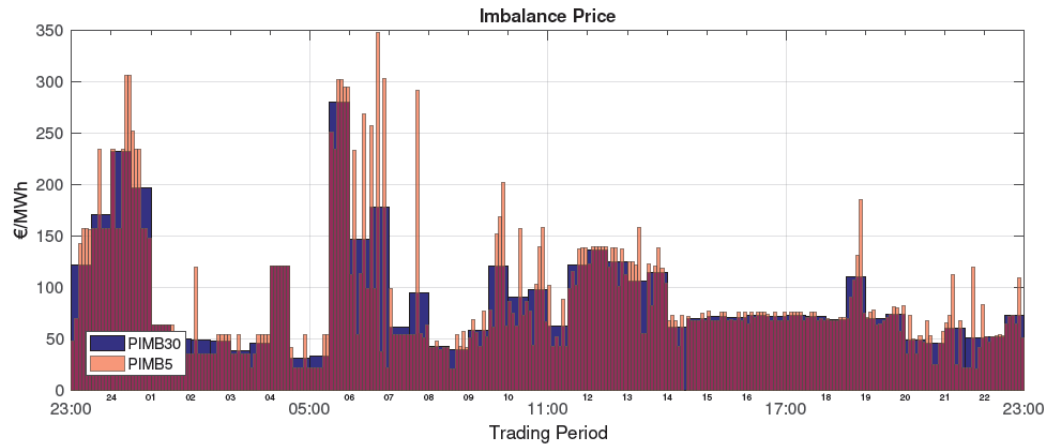


	PIMB5 (€/MWh)	PIMB30 (€/MWh)	NIV5 (MWh)	NIV30 (MWh)
Min:	-78.05	14.85	-43.46	-16.27
Mean:	62.42	62.91	17.25	17.26
Max:	225.88	109.99	56.83	55.15
StDev:	33.66	23.02	16.68	16.38

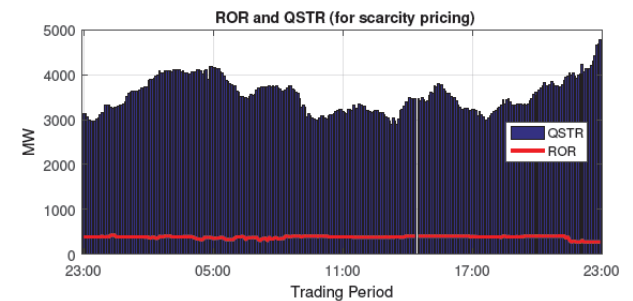
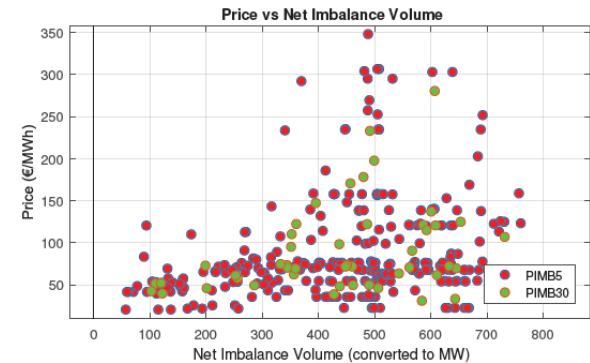
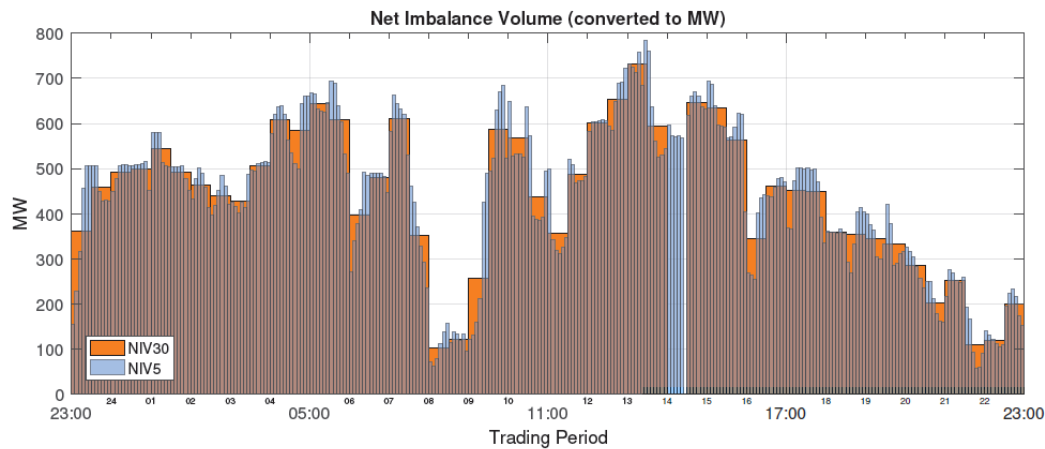


Balancing Market

Imbalance Price Summary for: 11-Nov-2018

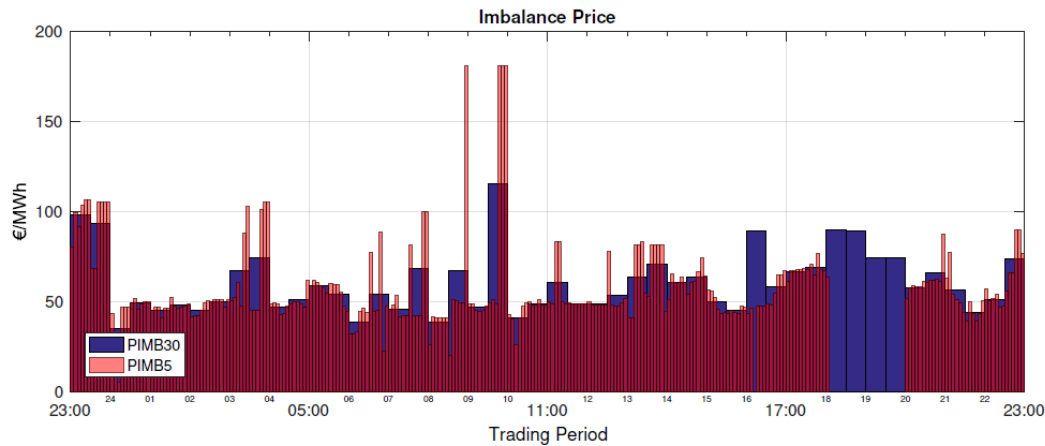


	PIMB5 (€/MWh)	PIMB30 (€/MWh)	NIV5 (MWh)	NIV30 (MWh)
Min:	20.00	30.50	4.81	8.61
Mean:	89.27	89.11	36.70	36.50
Max:	347.18	279.60	65.29	61.04
StDev:	62.47	52.70	14.00	13.40

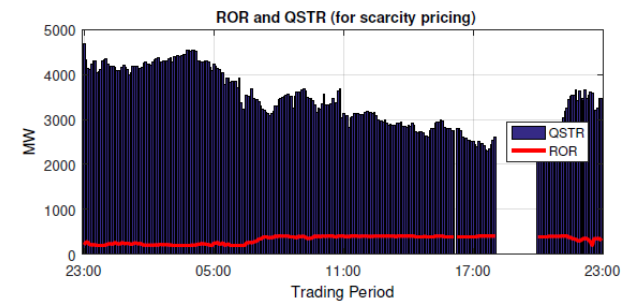
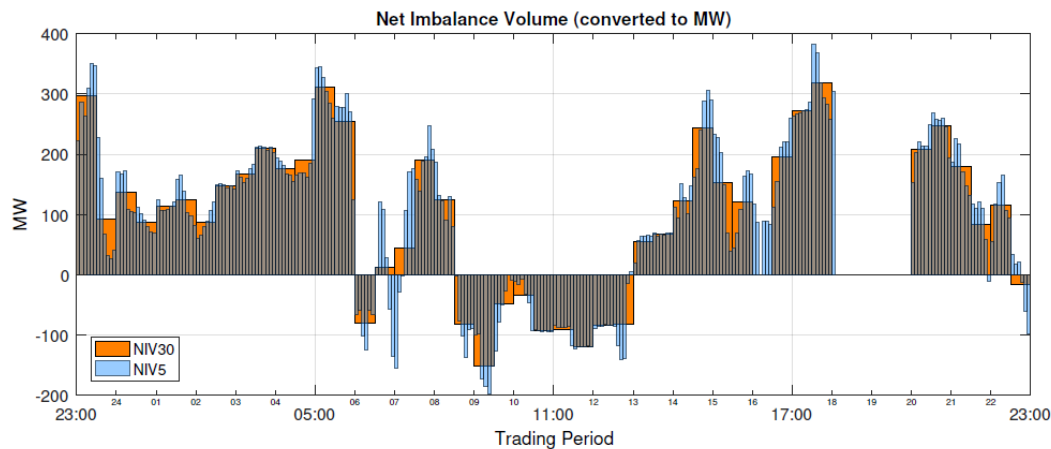
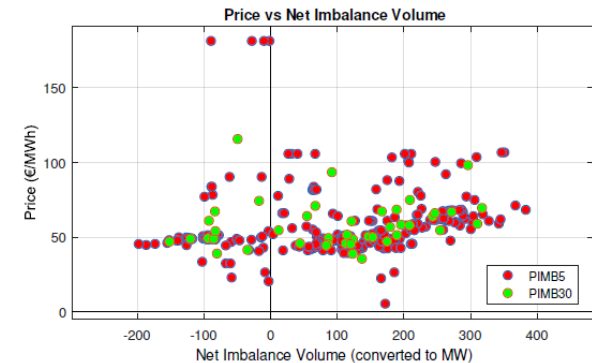


Balancing Market

Imbalance Price Summary for: 12-Nov-2018

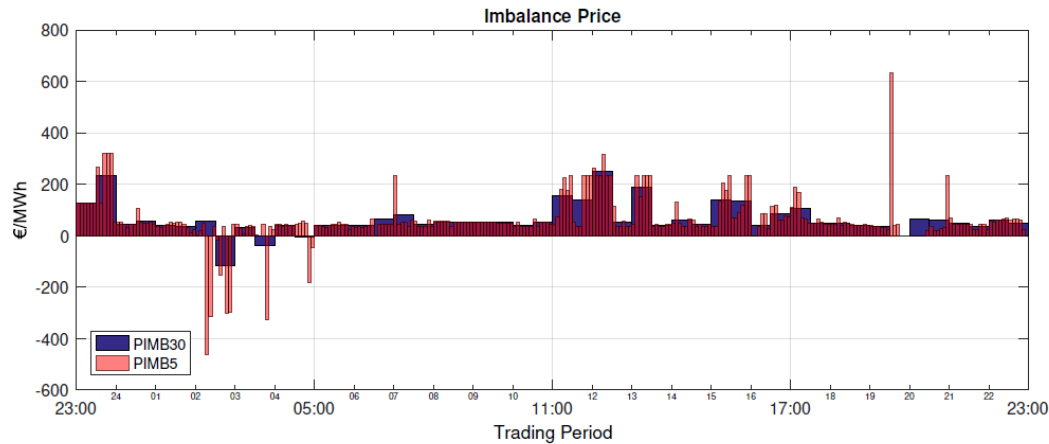


	PIMB5 (€/MWh)	PIMB30 (€/MWh)	NIV5 (MWh)	NIV30 (MWh)
Min:	5.00	35.10	-16.43	-12.57
Mean:	57.56	60.41	8.33	8.27
Max:	180.96	115.26	31.96	26.48
StDev:	22.85	17.23	11.06	10.66

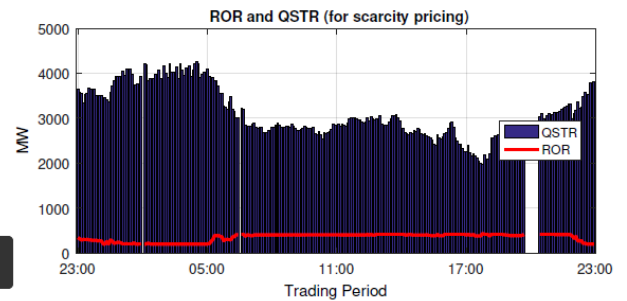
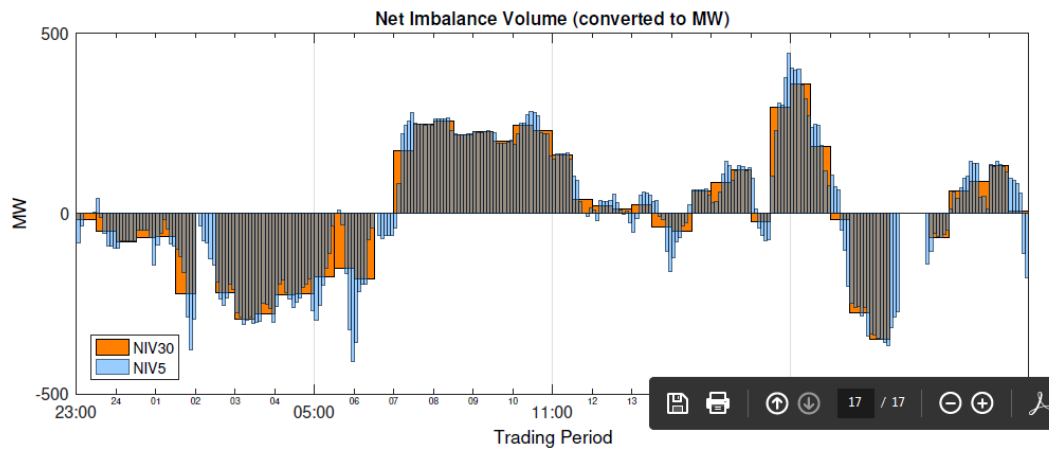
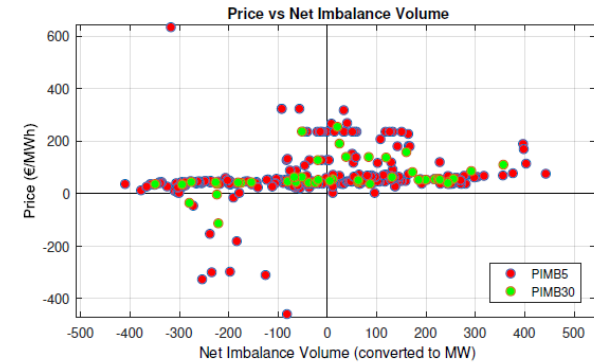


Balancing Market

Imbalance Price Summary for: 13-Nov-2018

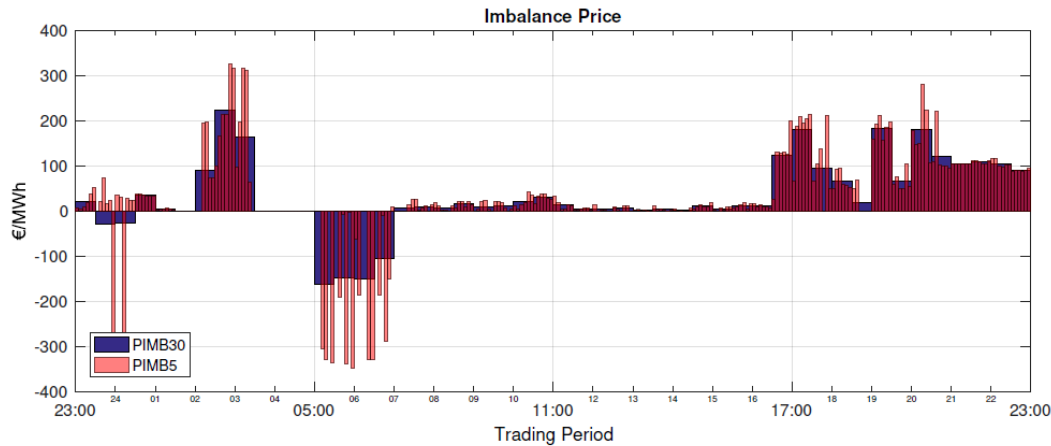


	PIMB5 (€/MWh)	PIMB30 (€/MWh)	NIV5 (MWh)	NIV30 (MWh)
Min:	-461.72	-115.83	-34.09	-29.01
Mean:	62.36	64.33	0.15	0.72
Max:	631.35	252.00	36.98	29.81
StDev:	93.48	60.74	15.59	15.09

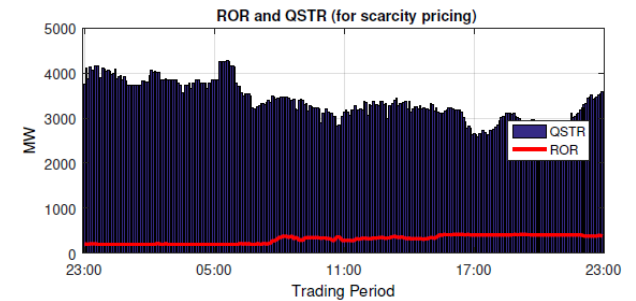
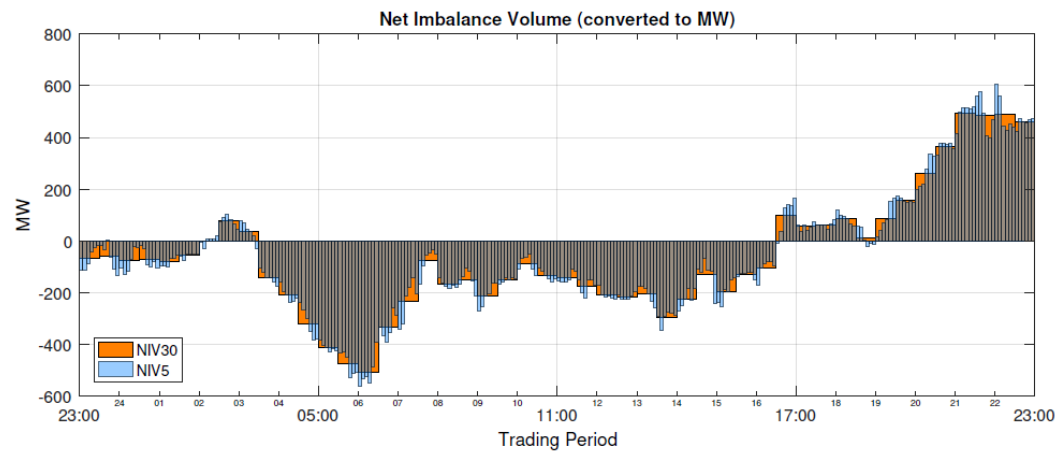
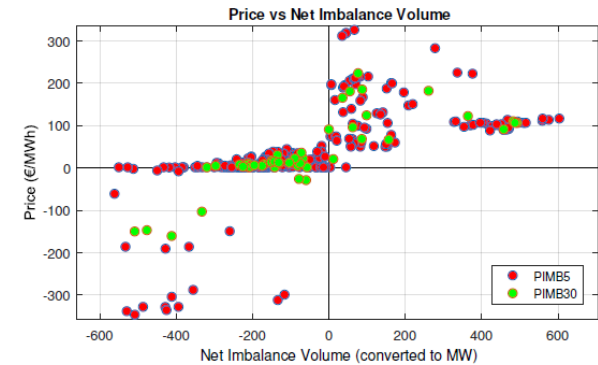


Balancing Market

Imbalance Price Summary for: 14-Nov-2018

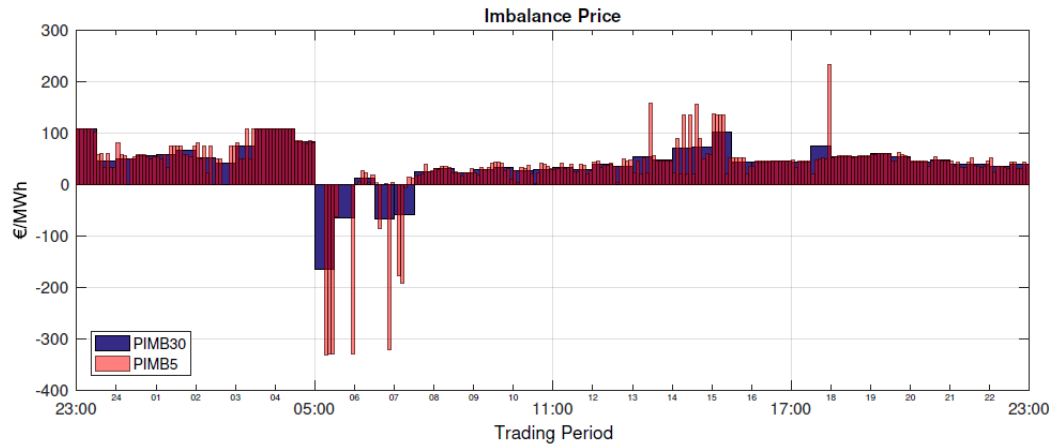


	PIMB5 (€/MWh)	PIMB30 (€/MWh)	NIV5 (MWh)	NIV30 (MWh)
Min:	-347.57	-162.02	-46.71	-42.31
Mean:	31.84	31.85	-4.86	-4.86
Max:	324.23	221.99	50.39	41.16
StDev:	99.16	81.37	19.64	19.57

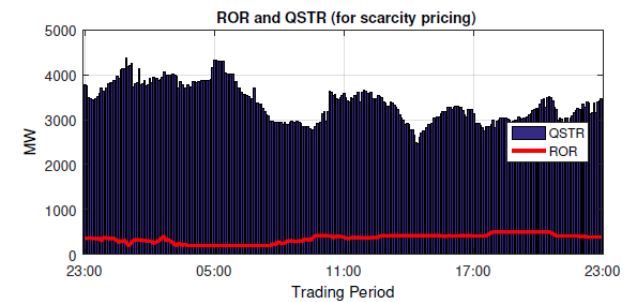
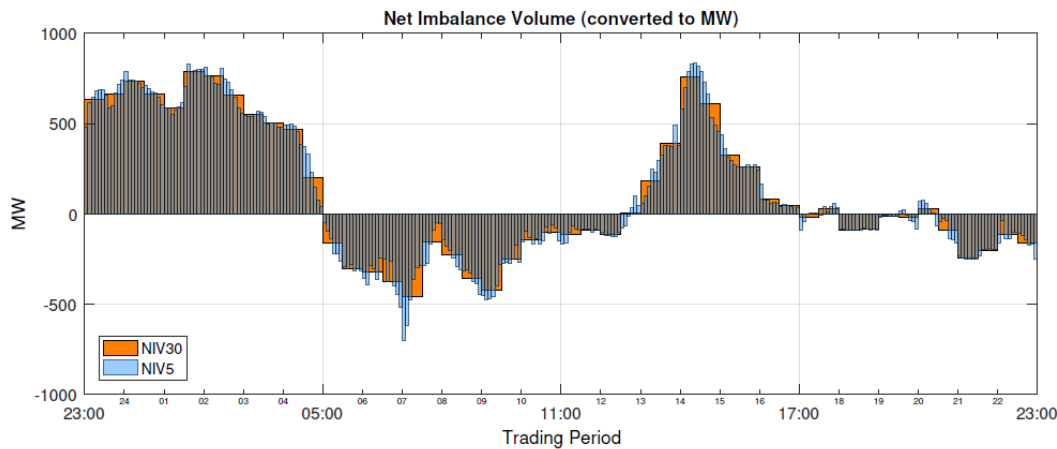
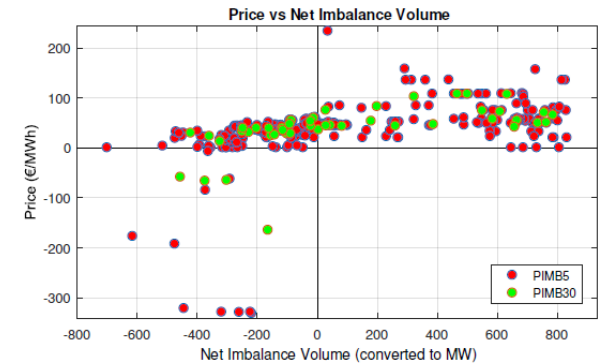


Balancing Market

Imbalance Price Summary for: 15-Nov-2018

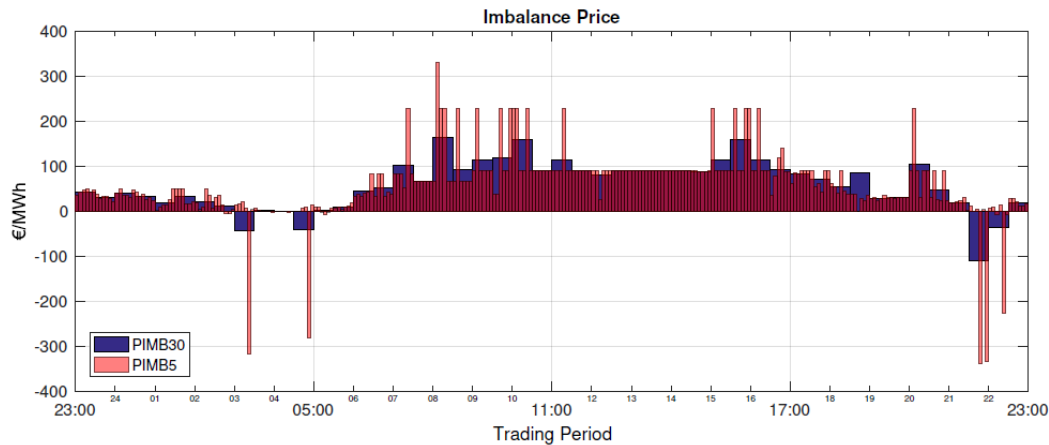


	PIMB5 (€/MWh)	PIMB30 (€/MWh)	NIV5 (MWh)	NIV30 (MWh)
Min:	-331.97	-165.12	-58.39	-38.02
Mean:	39.25	39.25	9.17	9.17
Max:	233.45	107.52	69.42	65.55
StDev:	62.32	46.74	31.31	31.21

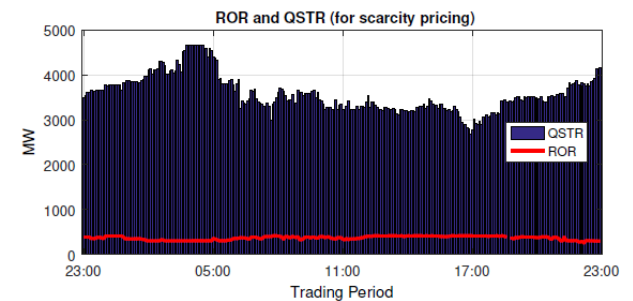
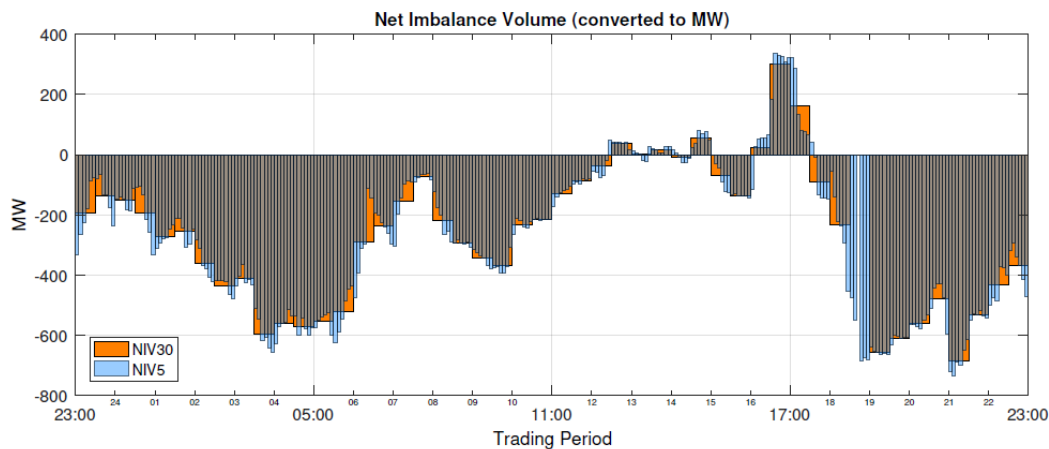
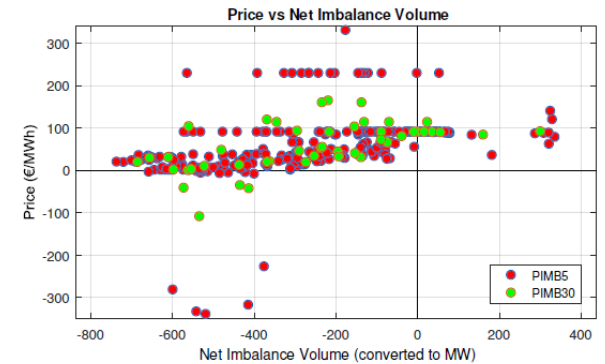


Balancing Market

Imbalance Price Summary for: 16-Nov-2018

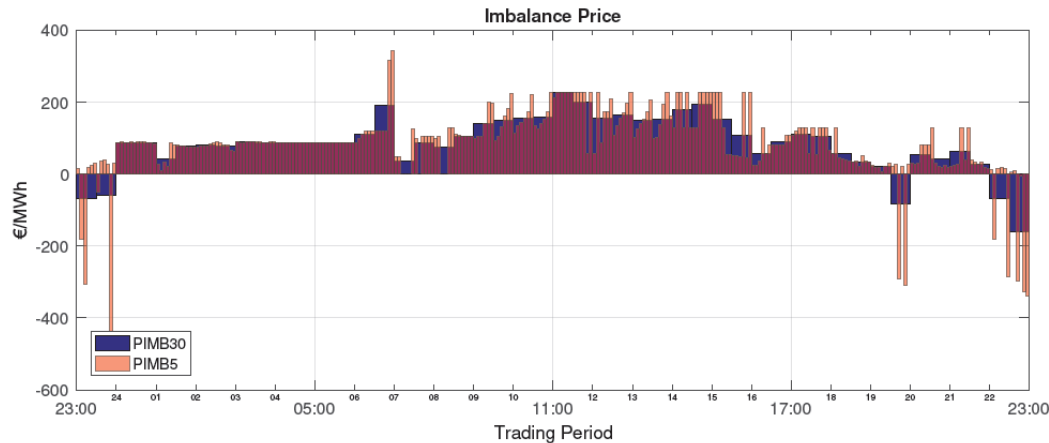


	PIMB5 (€/MWh)	PIMB30 (€/MWh)	NIV5 (MWh)	NIV30 (MWh)
Min:	-339.96	-109.55	-61.34	-57.06
Mean:	56.37	57.38	-22.08	-21.56
Max:	329.81	163.73	28.04	25.09
StDev:	73.68	55.58	19.90	19.38

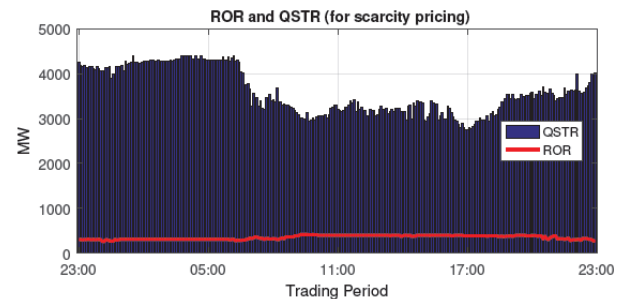
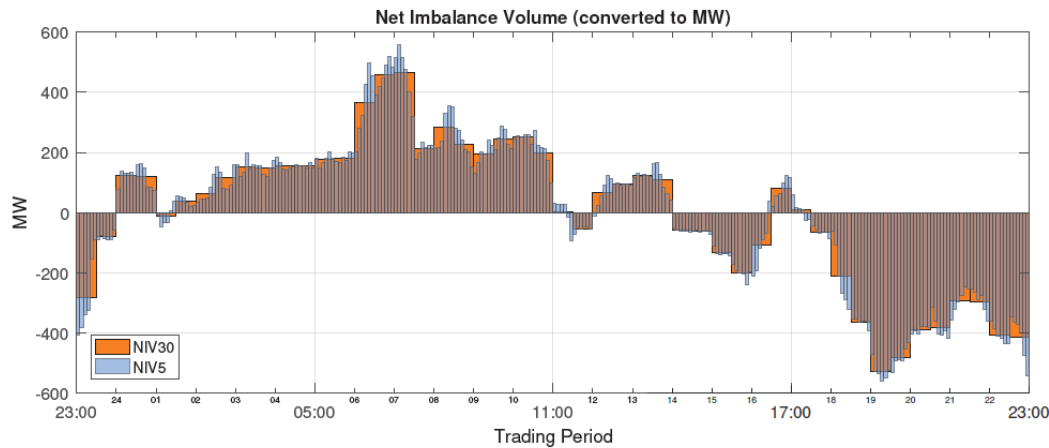
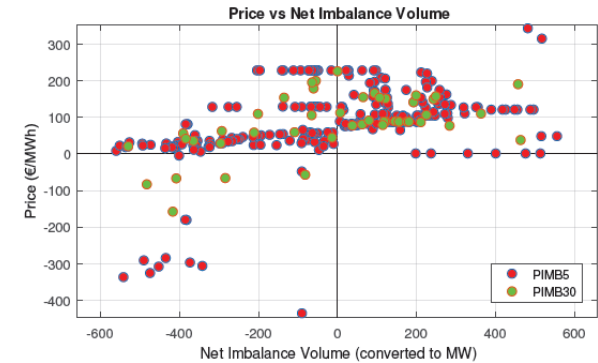


Balancing Market

Imbalance Price Summary for: 17-Nov-2018



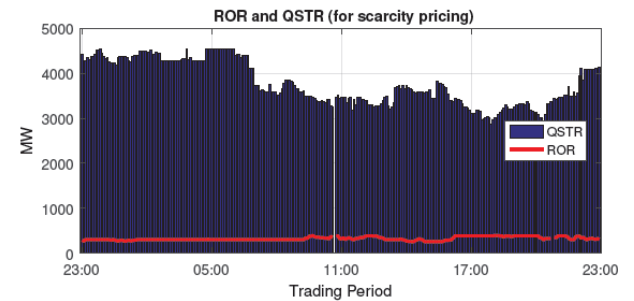
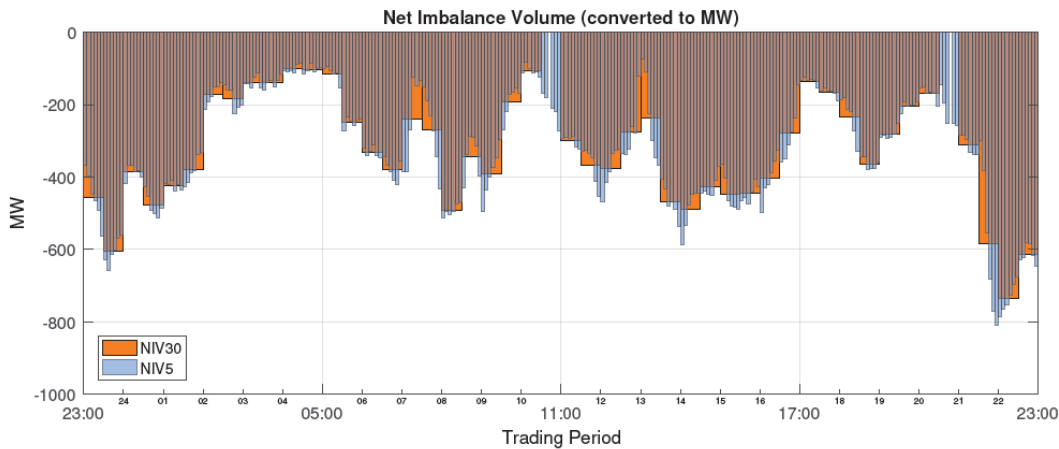
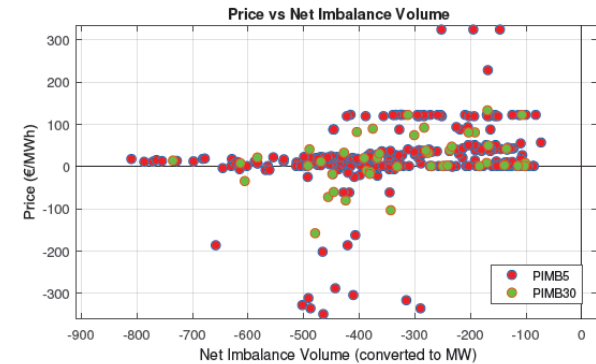
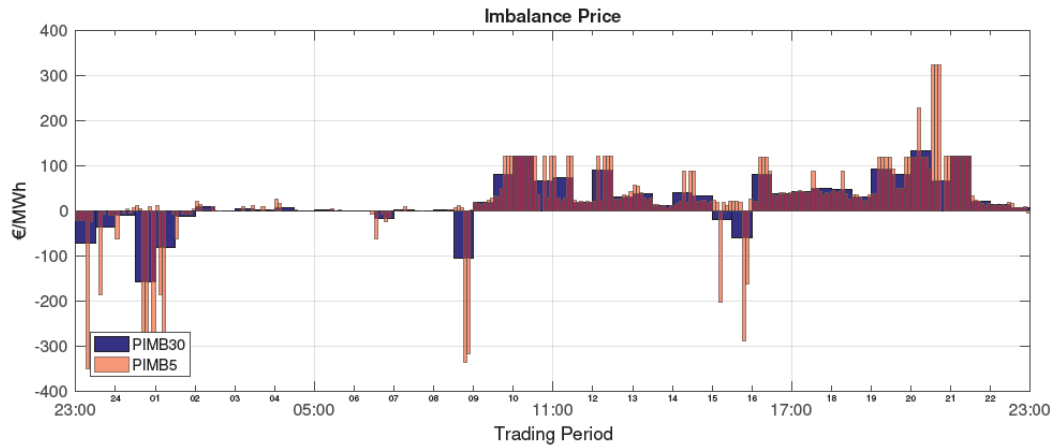
	PIMB5 (€/MWh)	PIMB30 (€/MWh)	NIV5 (MWh)	NIV30 (MWh)
Min:	-437.41	-159.18	-46.57	-44.04
Mean:	85.00	85.00	-0.00	-0.00
Max:	342.42	224.89	46.42	38.73
StDev:	97.87	77.71	20.68	20.54



Balancing Market

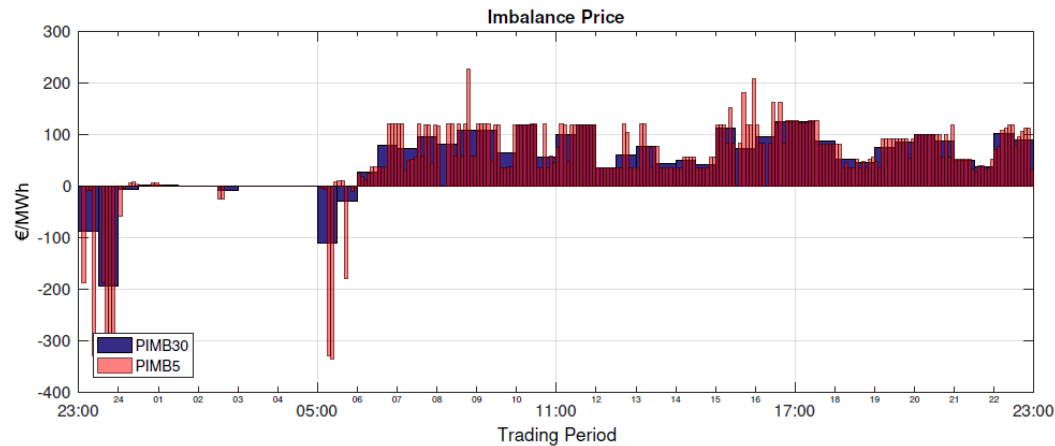
Imbalance Price Summary for: 18-Nov-2018

	PIMB5 (€/MWh)	PIMB30 (€/MWh)	NIV5 (MWh)	NIV30 (MWh)
Min:	-350.37	-159.03	-67.41	-61.18
Mean:	21.25	18.14	-26.78	-27.11
Max:	323.15	131.84	-6.01	-8.36
StDev:	82.86	56.36	13.24	12.74

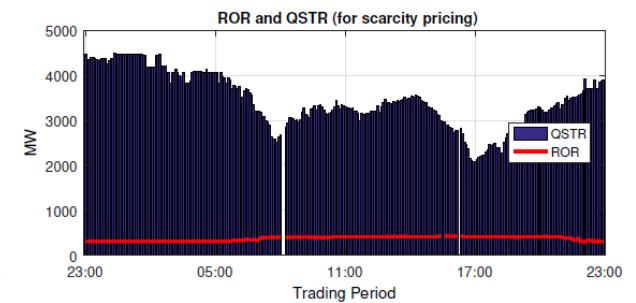
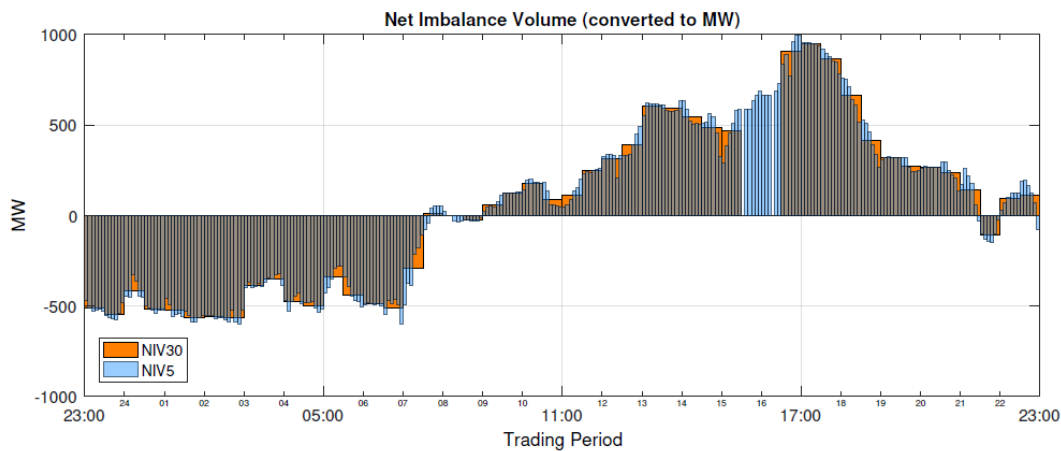
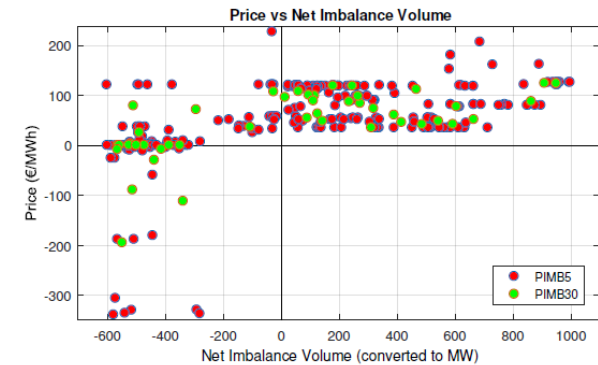


Balancing Market

Imbalance Price Summary for: 19-Nov-2018



	PIMB5 (€/MWh)	PIMB30 (€/MWh)	NIV5 (MWh)	NIV30 (MWh)
Min:	-338.92	-194.90	-50.22	-47.16
Mean:	47.37	46.16	4.22	2.44
Max:	227.03	123.96	83.03	79.06
StDev:	78.25	63.72	38.15	37.94



LTS indicative schedules

- LTS run approved every 4 hours operational restrictions allowing
- Grid code requirement to have an indicative schedule published for 16:00hrs each day preceding the relevant Trading day
- Firm Interconnector schedules received at
 - 08:45hrs, firm from 11:00hrs to 23:00hrs D
 - 12:30hrs, non firm from 23:00hrs D to 11:00hrs D+1
 - 18:10hrs, firm from 23:00hrs D to 11:00hrs D+1
- 16:00hrs indicative schedule contains a non firm interconnector schedule

LTS indicative schedules – timings from internal logs

Run 4 (14:00) Stats.	
No. of runs approved before 16:00	11
No. of runs approved 16:00	3
Average Approval time	15:46

- Average approval time falling.
- On 3 runs approved after 16:00 – all three completed before 17:00.

LTS indicative schedules – “Accuracy”

- Queries from Market Participants on changing schedules or “accuracy” of schedules.
- LTS schedules will show more changes than in previous market due to:
 - Intraday Trading / Local continuous Trading
 - Price changes by market participants
 - Data changes by market participants ahead of gate closure
- Control Rooms optimise based on the above changes as well as updates in forecasts e.g. demand / renewable generation
- Hence we expect LTS schedules to have a level of change driven by market activity and new forecasts.

Trading Update on Interconnectors

- No Trading since start of I-SEM (apart from low volume test trades)
- Operational experience of Interconnector flows is that there is little need for TSOs to trade as:
 - market sets flows to maximise priority dispatch
 - no system security concerns identified from market flows
- NGET have not initiated any trade requests
- TSOs continue to monitor and assess.

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Re-Pricing

- 5 errors previously identified:
 - Negative Reserve
 - Exchange Rate
 - Non controllable wind QBOAs
 - Incorrect QBOA for a decommissioned unit
 - Incorrect QBOA for a unit
 - 2 recently identified errors which impact a small number of periods:
 - PBOAs occasionally changing from Simple COD to Complex COD for one/some periods before switching back
 - QBOAs for a unit periodically dropping out
- Pricing Disputes**
- All fixed in systems**

Impacted Dates

Dates which are currently disputed/manifest errors identified:

- 01/10 – 24/10
- 27/10 – 29/10
- 01/11 – 14/11

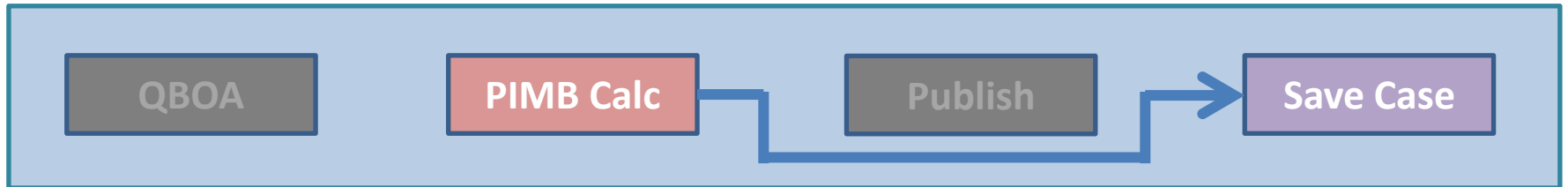
Re-Pricing Option A



- Solution delivered by ABB = Friday 30th Nov
- Testing to be completed ~ mid Jan
- Re calculated impacted Imbalance Price Periods ~ end Jan
- Materiality checking ~ end Jan
- Objective is to feed into M+4 Resettlement ~ Feb

Timings are indicate based on current estimates

Re-Pricing Option B

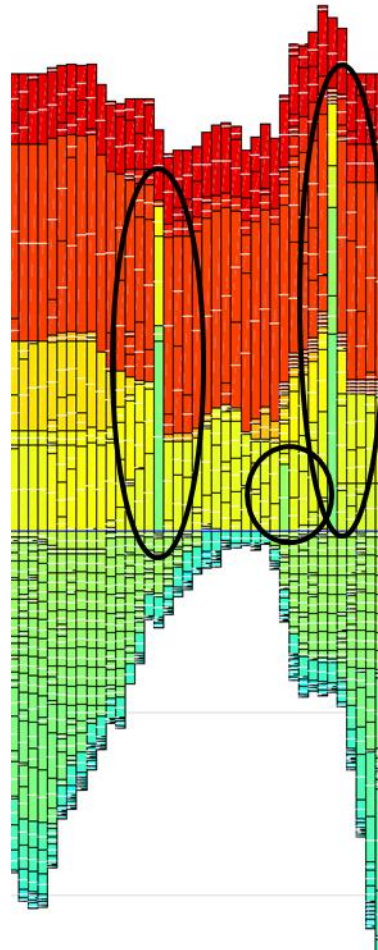


- Cannot reprice for 3 of the 7 errors
- Legal and Regulatory discussions on suitability of this approach with respect to the Trading & Settlement Code
- May not be practical based on limitations

Timings are indicate based on current estimates

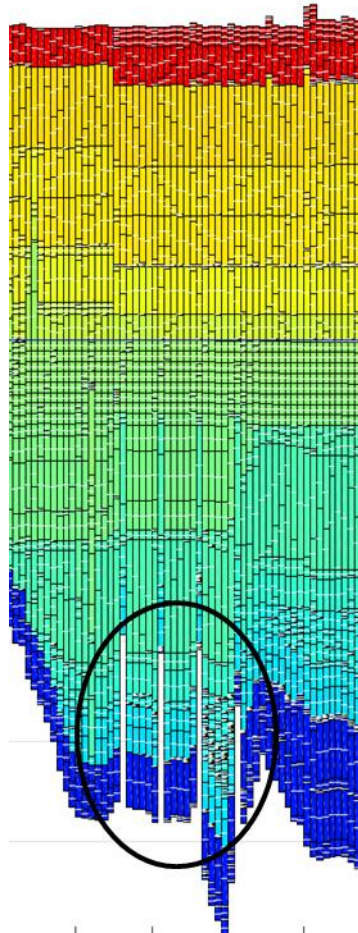
Two new issues in pricing

- Issue 1: PBOAs occasionally changing from Simple COD to Complex COD for one/some periods before switching back:



Two new issues in pricing

- Issue 2: QBOAs for a unit periodically dropping out:



Two new issues in pricing

- Impact is difficult to assess:
 - It is not the case that every time these arise they would directly impact the price, sometimes the same price would have arisen;
 - Depends on circumstances of each individual period whether it would impact PMEA, NIV and orders considered in PAR;
 - Even if it impacts, the magnitude changes depending on the difference in the size of the QBOA, the relative difference in Bid Offer Prices, etc., so it may not impact the half hourly price to an extent above the threshold.
- So far work has concentrated on identifying cases where these have occurred, anecdotally:
 - Issue 1 seems to happen at least once a day, and when it does it happens for between 1 – 30 periods out of 288;
 - Issue 2 doesn't appear to happen every day, and when it does it happens for between 1 – 10 periods out of 288.

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Settlements : November key processing updates

Settlement Dates	Run Category	Run Type	Runs completed	On Time	Delayed – Same Day publication	Delay > 1 Day
1 st – 20 th	Settlements	Indicative	20	9	5	6
1 st – 14 th	Settlements	Initial	14	8	5	1
1 st – 16 th	Settlement Documents	Weekly	3	2	1	0
1 st – 21 st	Credit Reports	Daily	45	45	0	0
1 st – 22 nd	Payments In	Weekly	3	3	0	0
1 st – 22 nd	Payments Out	Weekly	3	3	0	0

15 mins delayed

Settlements : Upcoming processing

Trade Dates	Type	Run Type	Date
11 th Nov – 17 th Nov	Settlements Documents	Weekly	23/11/2018
1 st Nov – 31 st Nov	MO Charges	Monthly	07/12/2018
1 st Nov – 31 st Nov	Capacity Statements (CRM)	Monthly	07/12/2018

Daily Credit Reports:

- Three Daily Credit reports published – Start time of 09:00am, 12:00pm & 3:30pm
- Typically published within 1 hour of start time

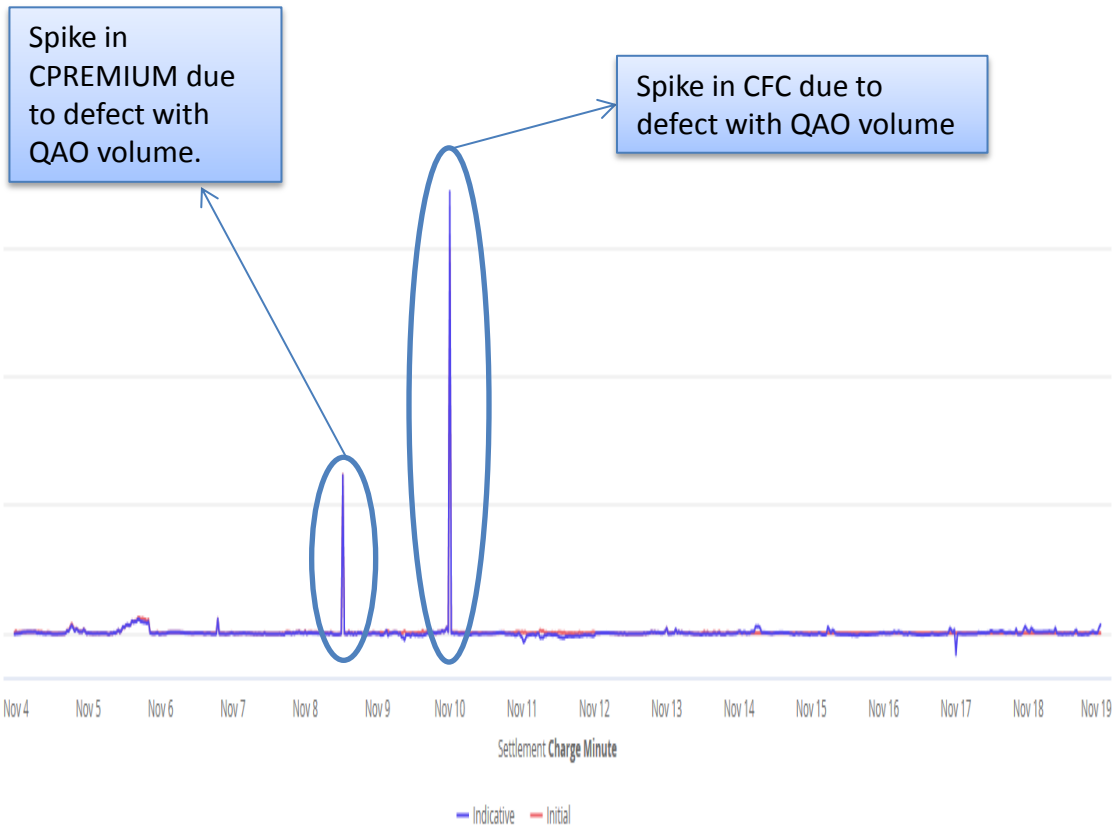
BAL/IMB / CRM Payments in/out:

- Payments in date for Settlement Documents issued 23rd Nov : D+3 by 12:00pm
- Payments out date for Settlement Documents issued 23rd Nov : D+4 by 17:00

Settlements : Ad-hoc Resettlement update

- Current plan is to perform ad-hoc resettlement for Oct 9th for those items separate to the update on re-pricing resettlement – formal query raised on Oct 9th.
- Due to publish with Settlement documents on Nov 30th .
- Settlement calendar will be updated with planned ad-hoc resettlement and market message issued to reflect the above timelines
- Settlements will continue to review resettlement items with a view to confirming the next resettlement periods and which Settlement documents resettlement will be due to publish with.

Settlements – Balancing Market



QBOA Volume and CFC PUSH:

QBOA- Incorrect (Large) BOA calculated for slow ramping units for single ISP. Resulting in Large Premium & CFC Payments. *Workaround in place*

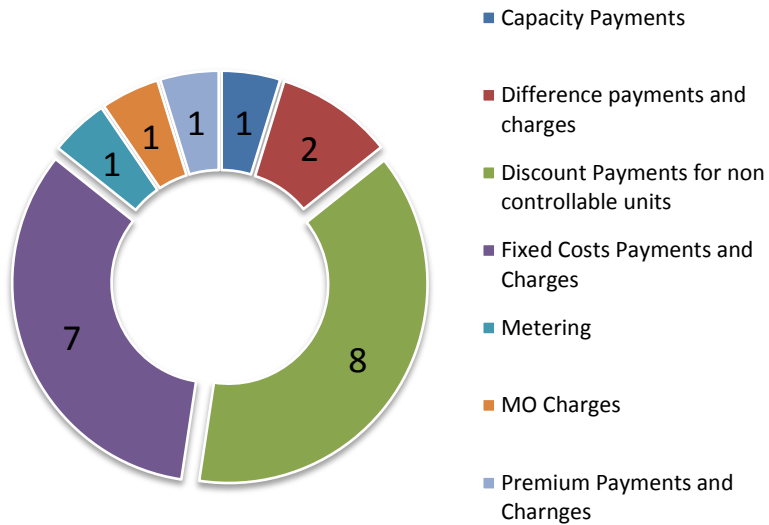
CFC Push Performance - No CFC Cost inputs are being pushed to settlements due to DB performance issue. No CFC from the 14th November.

Fixes for both are delivered and in test

Note: Settlement known issues previously presented @ the MOUG will be published and presented separately.

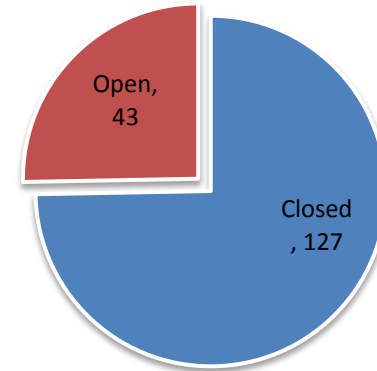
Settlements Queries

Settlement Formal Queries

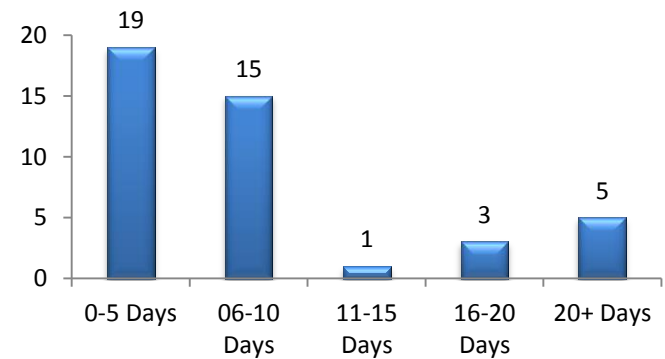


32 completed Formal queries out of a Total of 53 (60%)

General Queries



Open Queries - Days Open



Agenda

Item	Presenter
Welcome	Anne Fitzgerald
Ex-Ante Market	Liam McAllister
Balancing Market	Aodhagan Downey, Sam Matthews
Disputes - Repricing and Resettlement Update	David Carroll, Martin Kerin
Settlements & Funds Transfer	Sean O'Rourke, John O'Dea
Known Issues Update	Severin Garanzuay
Query Management	Claire Breslin
Q&A	

What's Included?

This presentation includes special topics for discussion at the MOUG on 22 Nov 2018, related to Central Systems and Services for SEMO and SEMOpx.

#	Slide Topic	Content Description
43	Technical Update	Update on Technical issues Affecting Market Participant since the last MOUG
44-45	Known Issues – Introduction	An update on the release dates, scope, and terminology used to classify and organise the data within the Known Issues Report
46	Known Issues – Summary	Summary of Metrics
47-48	Release Plans	Summary of Release Planning
49-61	Known Issue Details	Details of the Known Issues Report, by market/function

I-SEM Market Technical Issues Summary

Overall, the I-SEM Market technical stability remains high.

This slide presents a summary of the technical issues encountered in the I-SEM markets which have impacted Market Participants over the last two weeks.

- **SEMOpX Ex Ante Auctions:** No Member facing technical issues in the last 2 weeks.
- **SEMO Settlement:** No Market Participant facing technical issues experienced. Details of functional known issues are covered in the Known Issues section of this presentation.
- **Balancing Market:** Balancing Market external connectivity was impacted on 8th November for circa 30 minutes, due to a network maintenance update. Additional checks have been put in place to mitigate this going forward.

Known Issues: A Work on Scope and Delivery Dates

The Known Issues Report tracks those items that impact Market Participants. They are organised by status and release date. The KI Report contains the best-known information at the time – and is subject to change. Therefore:

1. Organisation of KIs into releases can be adjusted in real-time to account for efficiencies with the software delivery operations of the vendor and EirGrid staff.

➤ e.g. A Known Issue can move from “Potential Day 1 Plus” to “December”

2. All dates are tentative until confirmed as “Confirmed Release” with a full date

➤ e.g. 01 July 1981”

➤ The “December” release described in this KI Report is organised as follows:

➤ Release to EirGrid: end of November

➤ Testing: through mid December

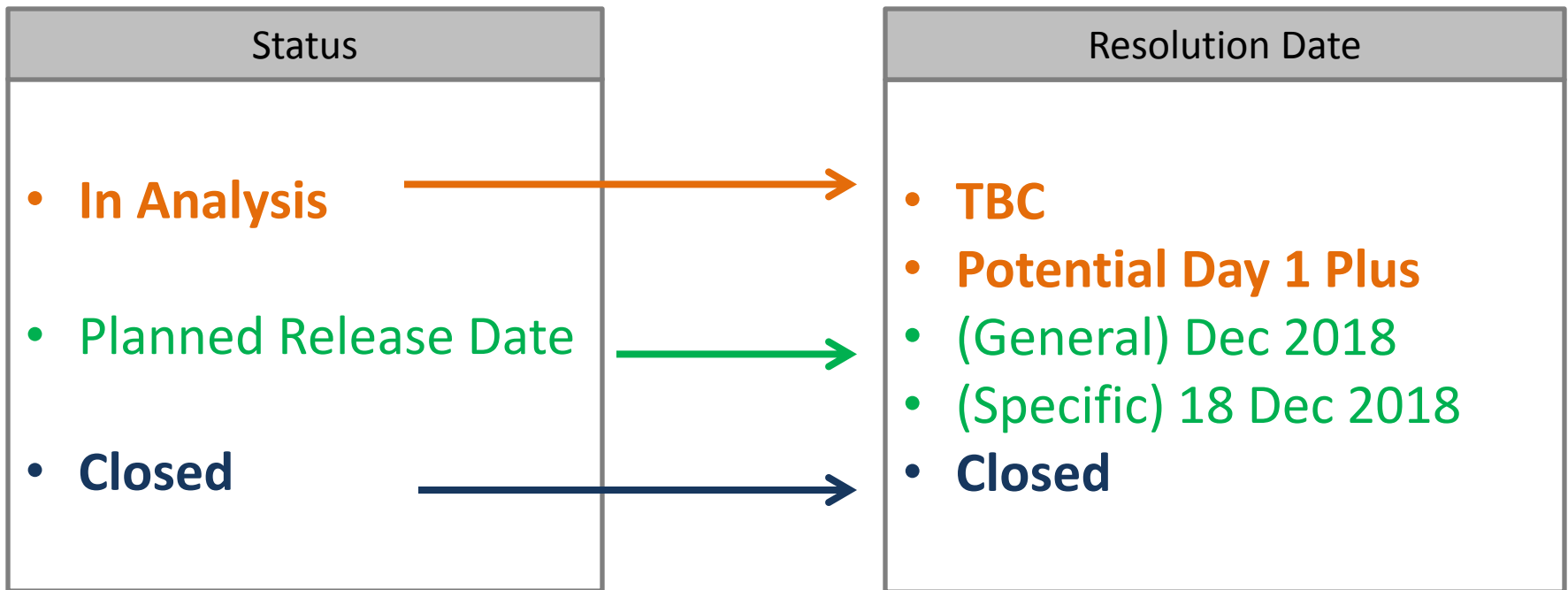
➤ Last Day for Release: ~17 December

*** Any issues not resolved by then will not make a release until the new year.

*** Code freeze in effect over the holiday period

Known Issues: Update On Terminology

The Known Issues Report tracks those items that impact Market Participants. They are organised by status and release date.



Applies to KI Report from 15 Nov 2018 onwards

Known Issues Discussion: Summary Metrics

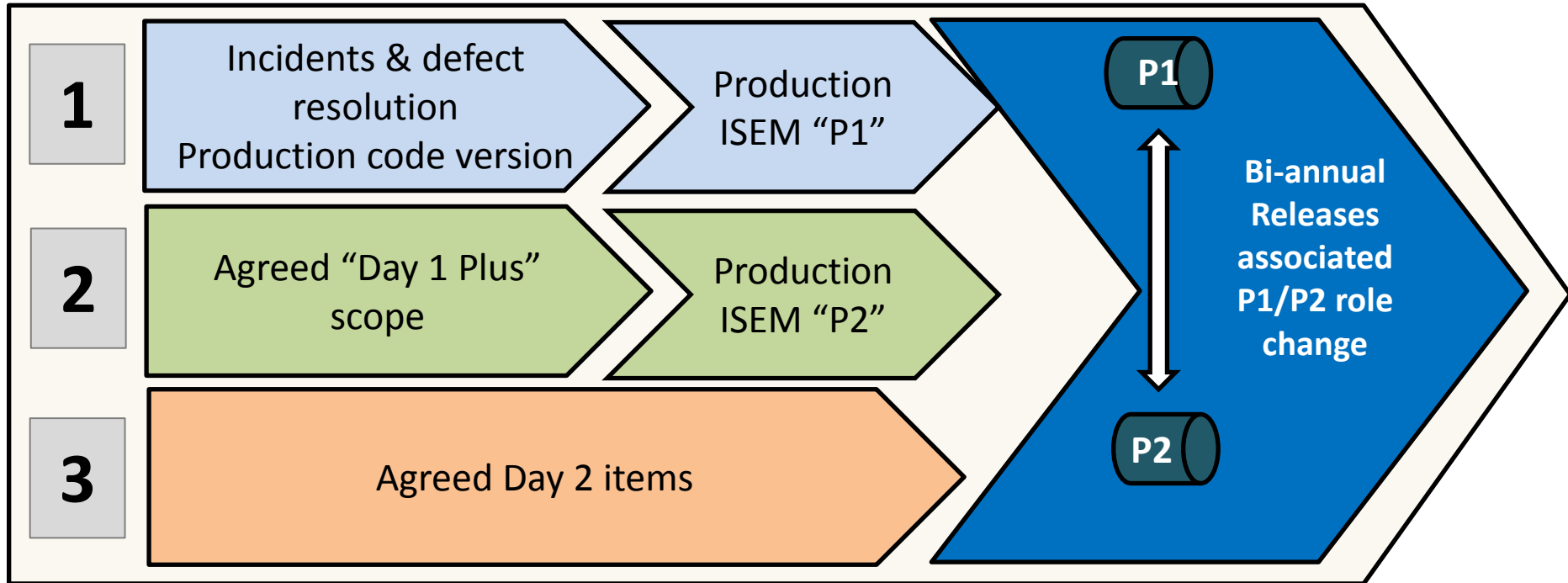
Market / Function	Closed	In Analysis	Planned Release Date	Total
SEMO: Balancing Market	1	10	3	14
SEMO: Settlements	4	8	8	20
SEMOpX		2		2
Total	5	20	11	36

- Potential Day 1 Plus (10)
 - SEMO Bal Mkt (6)
 - SEMO Settlement (2)
 - SEMOpX (2)

- **November:** Software delivery to EirGrid
- **December:** Test, Deploy

Based on data from KI Report: 15 Nov 2018

Systems Management and Release Planning

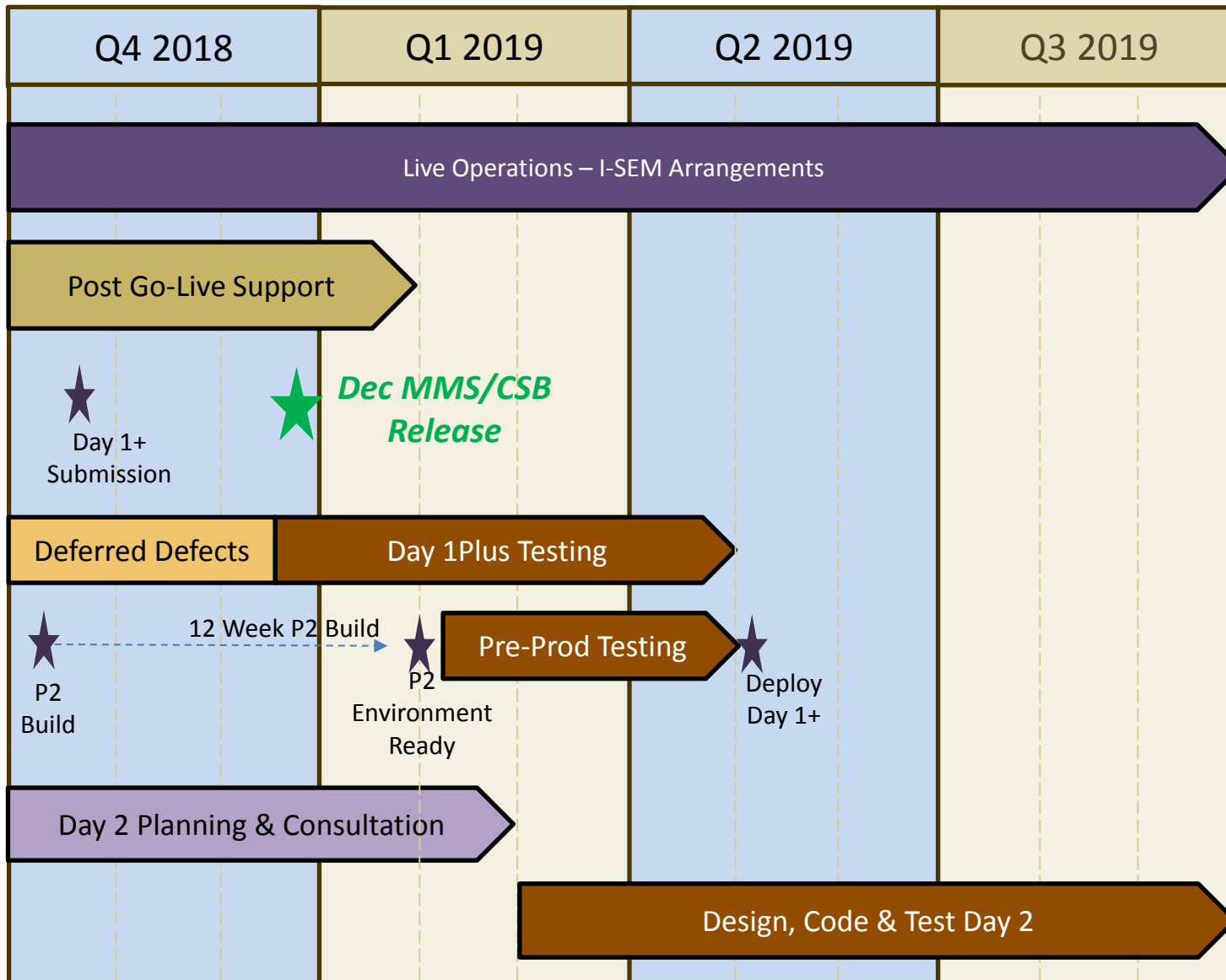


To facilitate the above parallel work-streams each requires:

- i. A release strategy adhering to the Bal Mkt T&SC obligations
- ii. Separate technical environments to facilitate parallel activities. A fully configured P2 environment is required for the start of Q1 2019. Scope of Day1+ to be defined ASAP to meet this timeline.
- iii. Dedicated resources for workstreams 1 & 2

Systems Release Plan: High-Level

**** Tentative until confirmed with full date*



Known Issues: SEMOpx (1/1)

ID	Name	Description	Impact to Market Participants	Status Resolution Date
92601	ETS Auction Results Message	Message log is not retaining the message indicating availability of the ETS Auction Results.	No material impact to SEMOpx Members. Members can view all auction results. Members will need to look at auction results reports/screens to determine availability of auction results, as opposed to reviewing the message log.	In Analysis TBC with EPEX
SEMOP X.001	Production of Bid/Ask Curves Report	Bid/Ask Curves report fails to generate following an auction, for a given jurisdiction, when there are no orders received for that auction.	Low impact to Members as the file would otherwise be empty. However, this defect will be remedied prior to go-live.	In Analysis TBC with EPEX

Known Issues: SEMO Balancing Market (1/4)

ID	Name	Description	Status Resolution / Date
468	Reports appearing empty	<p>Two annual reports showing empty until data are in the MMS.</p> <p>REPT_018: Annual Load Forecast Report (now available)</p> <p>REPT_023: Annual CLAF Report (available as XLS)</p>	<p>In Analysis</p> <p>Potential Day 1 Plus</p> <p>Resolution: Software update from vendor</p>
5195	Report display	HTML report is displayed in UTC rather than always in local time.	<p>In Analysis</p> <p>Potential Day 1 Plus</p> <p>Resolution: Software update from vendor</p>
5329	Reports missing 1st ISP of Trade Day	<p>Reports not showing first ISP interval for trade date in report.</p> <p>REPT_078, _079, _080</p>	<p>In Analysis</p> <p>Potential Day 1 Plus</p> <p>Resolution: Software update from vendor</p>

Known Issues: SEMO Balancing Market (2/4)

ID	Name	Description	Status Resolution / Date
5497	VTOD Soak Times	When retrieving VTOD from the MPI via type 2 or type 3, the SOAK WARM QUANTITY values are incorrect. The values shown are the SOAK HOT QUANTITY values.	In Analysis Potential Day 1 Plus Resolution: Software update from vendor
5575	REPT_050 Imbalance Price Supporting Information Report	The report no longer contains duplicates items (5209) however now contains an undocumented field 'Constraint Id'	Planned Release Date 12 Dec 2018 Resolution: Updated I-SEM Technical Specification, Volume C. to include definition of Constraint IDs
5587	Missing Reports on the new SEMO Website	2 Reports are currently not publishing to the new SEMO website. REPT_027 (Four Day Rolling Wind Forecast) and REPT_013 (Daily Commercial Offer Data)	In Analysis Potential Day 1 Plus Resolution: Software update from vendor

Known Issues: SEMO Balancing Market (3/4)

ID	Name	Description	Status Resolution/Date
5603	REPT_081 hourly Anonymized INC and DEC Curves	Currently the report cumulatively adds each MW quantity to the last MW quantity rather than the difference. This results in erroneous MW values in the report.	In Analysis Potential Day 1 Plus Resolution: Software update from vendor
5635	REPT_102: Hourly Dispatch Instructions Report Intermittently Fails to generate in XML format.	Some instances of the PUB_HrlyDispatchInstr report (REPT_102) in XML format have failed to generate on the MPI and as a result, are also no appearing on the public website. The report is generated and available in HTML format.	Planned Release Date Dec 2018 Resolution: Software update from vendor.
5641	Incorrect MW QTY values in REPT_078/079	MW QTY values in REPT_078, _079, _080 are not being calculated correctly.	Planned Release Date Dec 2018 Resolution: Software update from vendor.

Known Issues: SEMO Balancing Market (4/4)

ID	Name	Description	Status Resolution/Date
5644	REPT_011 Duplicate Entries	Entries for each COD offer type (Simple/Complex) leading to the duplicate entries in Daily Technical Offer Data Report	In Analysis TBC Resolution: Software update from vendor.
5794	REPT_030, REPT_103	The Daily and Hourly SO Interconnector Trades reports are failing to publish to the MPI and subsequently to the SEMO website	In Analysis TBC Resolution: Software update from vendor.
5796	REPT_042	The Net Imbalance Volume Forecast report is not calculating the some of the data within the reports correctly.	In Analysis TBC Resolution: Software update from vendor.
Hydro.001	Energy Limits for Hydro Units	Currently when hydro (non pumped storage) units change their available energy limits in their Commercial offer Data submission, the data do not sync from the MMS scheduling/dispatch systems to the EMS.	Closed Resolution: Software update from vendor

Known Issues: SEMO Settlements (1/6)

ID	Name	Description	Status Resolution/Date
5137	REPT_044	In Report 44 null values for the QABBIAS determinant are present instead of zeros	Closed
5570	TU units not being charged CRM difference Charges vs GU	The traded positions of TU units are not being considered for difference payments and charges	Closed Resolution: duplicate issue #5646
5637	Difference Charge Calculation - Autoproducer trading sites	Difference Charge Calculation uses service point instead of account for "charged account id" for autoproducer trading sites - making lookups fails.	Closed Resolution: Software update from vendor
5643	Initial Conditions processing for settlement input data	The Initial Conditions calculations logic in Instruction Profiling/QBOA is not properly handling all scenarios for all units for the first interval of the day. Subsequently, the necessary data for producing a complete and accurate Settlement Statement (REPT_043) are not calculated or sent to CSB. As a result, the CABBPO, CAOPO, CDISCOUNT, CPREMIUM, and CUNIMB charge types are missing for such units in the first interval in the day).	Closed

Known Issues: SEMO Settlements (2/6)

ID	Name	Description	Status Resolution/Date
5322	REPT_048 Collateral Report	PUBLICATION_TIMESTAMP attribute is incorrectly assigned the start time of the credit assessment, rather than the finish time.	In Analysis TBC Resolution: Software update from vendor.
5339	REPT_043	Incorrect rounding applied to detail records. Summary and Detail records do not sum correctly.	In Analysis TBC Resolution: Software update from vendor.
5657	Biased Quantities for Generator Units registered as part of an Autoproducer site	Biased Quantities are currently being calculated for all generator units which is registered as part of an Autoproducer site.	In Analysis TBC Resolution: Software update from vendor.

Known Issues: SEMO Settlements (3/6)

ID	Name	Description	Status Resolution/Date
5741	FPN / Controllable Wind (DQ)	PN and Availability are not being profiled correctly i.e. the start and end of trading period effective values.	In Analysis Potential Day 1 Plus Resolution: Software update from vendor.
5757	The FPN value in IP is different from CSB	QFPN being calculated in MMS based on values of FPN profile on each half hour boundary point only and not considering changes in profile within the half hour.	In Analysis Potential Day 1 Plus Resolution: Software update from vendor.
5772	Capacity Charges/Payments	CCC, CCP and CSOCDIFFP settlement for NI units not applying the Annual Capacity Exchange rate as per G.1.3.5 & G.1.3.6. Balancing market FX rate incorrect being applied.	In Analysis TBC Resolution: Software update from vendor.

Known Issues: SEMO Settlements (4/6)

ID	Name	Description	Status Resolution/Date
STTL.905	Currency adjustment charge defect	CCA is not being calculated for Supplier lite windfarms registered as suppliers. CCA should be calculated for all supply units (currently only being charged if QMLF < 0)	In Analysis TBC Resolution: TBC
5652	Incorrect result for CIMB for IRCU and IEU units in REPT_043	In REPT_043, the CIMB charge calculation for IRCU and IEU units is incorrect due to missing data.	Planned Release Date December 2018 Resolution: Software update from vendor.
5654	Incorrect result for CDISCOUNT and CPREMIUM for the IRCU unit in REPT_043	In REPT_043, the CPREMIUM & CDISCOUNT charge calculations for the IRCU unit are incorrect due to missing data.	Planned Release Date December 2018 Resolution: Software update from vendor.

Known Issues: SEMO Settlements (5/6)

ID	Name	Description	Status Resolution/Date
5658	REPT_044, incorrect values for QCOB, QCNET	Settlement Report is reporting QCOB and QCNET as daily values instead of 30 minute values, the calculation is working as designed using each ISP values in the Settlement calculations.	Planned Release Date December 2018 Resolution: Software update from vendor.
5761	Fixed Costs	Current logic needs to be modified so that CSB gets the correct complex offer data for when a complex bid has been used for a BOA. Fixes required on both Settlements System (CSB) and upstream Market Systems (MA/MI).	Planned Release Date: December 2018 Resolution: Software update from vendor.
5766	Actual Availability	IP Time Weighted Average calculation of qAA only referencing beginning and end of trading period	Planned Release Date December 2018 Resolution: Software update from vendor.

Known Issues: SEMO Settlements (6/6)

ID	Name	Description	Status Resolution/Date
5652	Interconnectors	CIMB, Premium & Discount for IRCU and IEU not using QAO and QAB.	Planned Release Date December 2018 Resolution: Software update from vendor.
5646	Autoproducers	Traded positions of TU units are not being considered for difference payments and charges.	Planned Release Date December 2018 Resolution: Software update from vendor.

Known Issues: New for 22.11.2018 Publication (1/2)

ID	Name	Description	Status Resolution/Date
5796	Forecast Imbalance Volume Report	Incorrect total for Interconnector Scheduled Volume (missing Moyle data).	In Analysis TBD Resolution: TBD
Bal Mkt .901	REPT_006: Daily DI Report	For P/S Units, intermittent representation of duplicate values (MWOFF) instructions appearing. This is due to internal processing of records and does not affect the Instruction Profiling process, only the outbound report.	In Analysis TBD Resolution: TBD
SEMOpX .003	REMIT Reporting	Known issue with the delay in reporting SEMOpX Member transactions to ACER REMIT platform. Testing of solution ongoing.	In Analysis TBD Resolution: Deployment of internal solution to production usage.

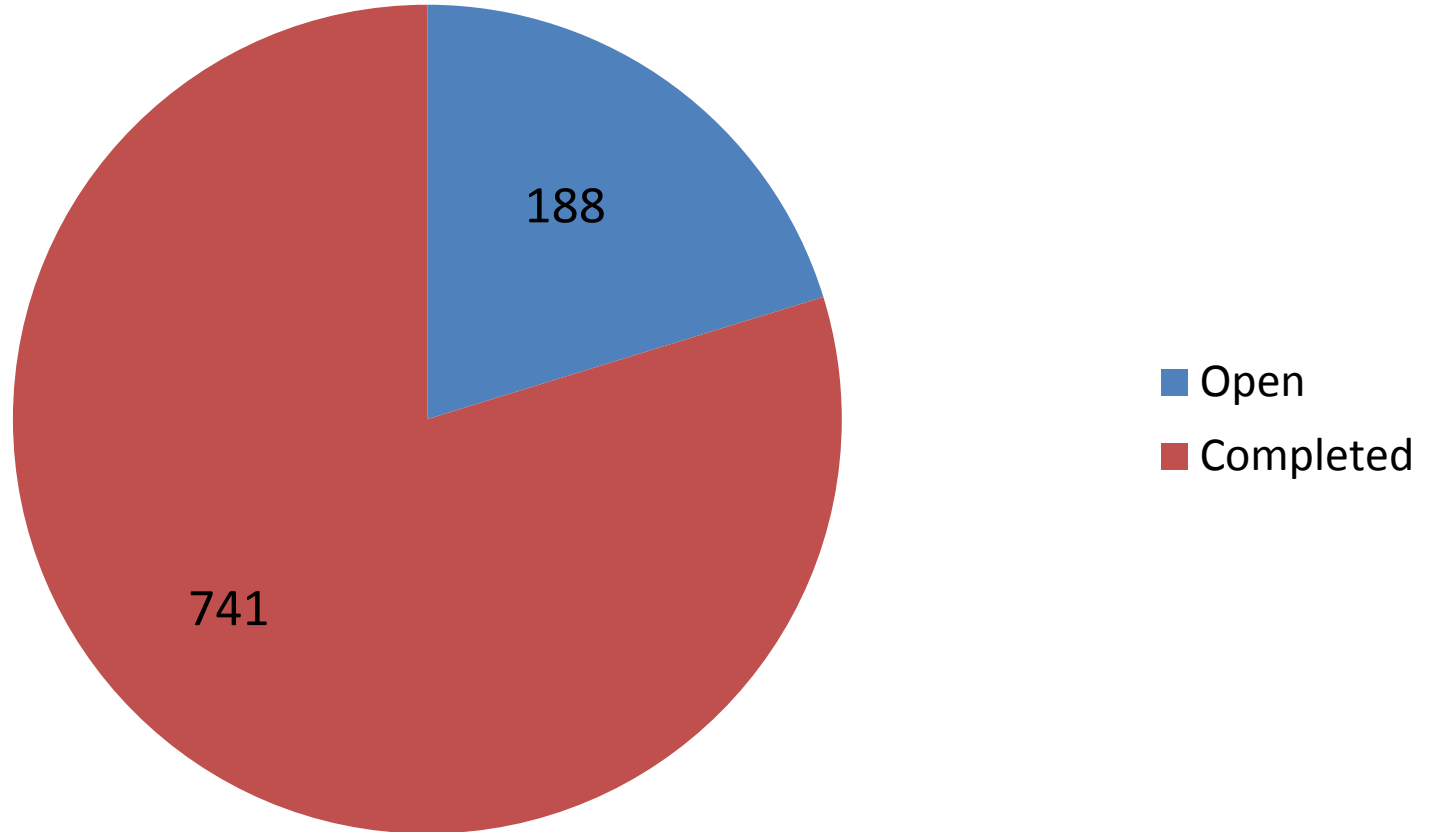
Known Issues: New for 22.11.2018 Publication (2/2)

ID	Name	Description	Status Resolution/Date
5779	CFC Issues	Incorrect application of Complex/Simple COD in BOA calculation	Planned Resolution Date Dec 2018 Resolution: Software update from vendor
5785	RTQBOA: PBOA COD	Intermittent switching PBOA from Simple to Complex COD	In Analysis TBD Resolution: Software update from vendor
103722	CFC not available in Settlement artefacts	Due to internal data transfer issues, the CFC costs are not available in the settlement documents.	Planned Resolution Date November 2018 Resolution: Software update from vendor
5799	Incorrect CFC and Premium payments	Caused by incorrect QBOA calculation in particular circumstances.	Planned Resolution Date November 2018 Resolution: Software update from vendor

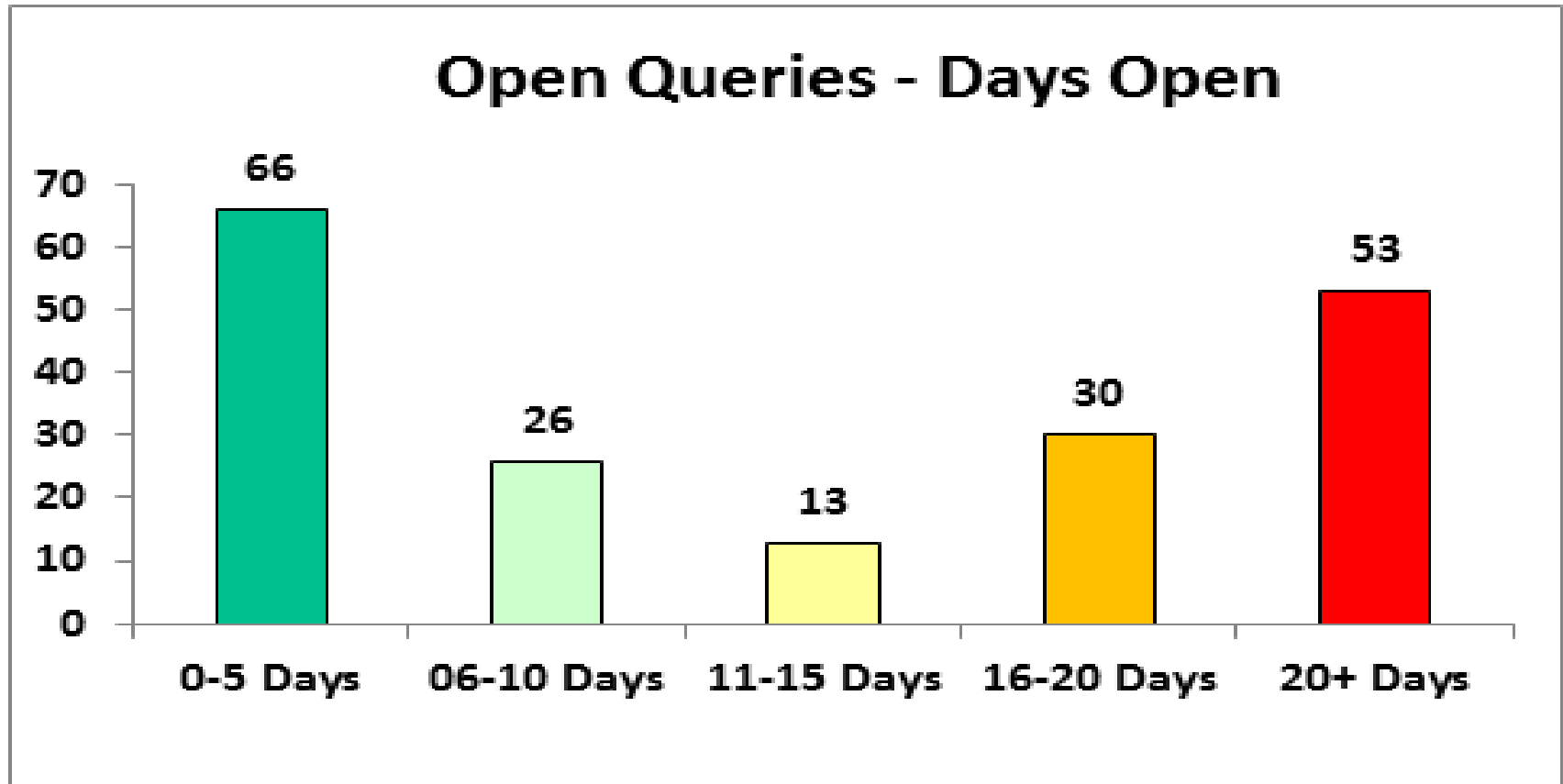
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Known Issues Update	Severin Garanzuay
Query Management	Claire Breslin
Q&A	

Query Status – From Oct 2018



General Query Status – From Oct 2018



Total: 188

Formal Queries and Disputes

Disputes:

In progress: 3 (escalated to the DRB)

Completed: 33

Rejected: 2 (Participants were asked to submit a formal settlement query on their issue)

In total all received: **38**

Formal Settlement Queries:

Completed: 32

In progress: 22

In total : **54**

Market Messages

There are two types of Market Messages:

- **General** – Issued by front office during office hours for non operational information e.g. information on MOUGs, training information etc.
- **Operational** – Issued by the relevant functional area to notify Participants of operational issues.

Operational Messages

Functional Area	Message Type	Timing
Settlement	Publication delay or Issue information.	As required. Mon – Fri
Trading Team	Imbalance Price Outage information.	24/7
Remit	Any updates on REMIT information.	As required within office hours
SEMOpX	Auction Delays, Decoupling Event etc.	As detailed here
Capacity Market	Any information related to the capacity market, publications etc.	As required. Mon - Friday

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Close

- SEMO Website: <http://www.sem-o.com/>
- Semopx Website: <http://www.semopx.com/>
- Queries: Info@sem-o.com; Info@semopx.com

Thank you for your attendance.