

# Market Operator User Group

Belfast, 27<sup>th</sup> February 2020

# Agenda

Item	Presenter
<b>Welcome</b>	<b>Anne Fitzgerald</b>
Release Program Update	Mark Needham
Market Development Roadmap	Mark Needham
Ex-Ante Markets	Liam McAllister
Brexit Update	Michael Kelly
OPI Update (SNSP)	John Ging
Settlements	Sean O'Rourke
Front Office	Claire Breslin, Anne Fitzgerald
Q&A	

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# Central Market Systems – Release E

- The table below outlines the scope for Release E to the Central Market Systems.
- The software is currently undergoing System Integration and User Acceptance Test at SEMO.
- Release E is expected to be deployed on April 28<sup>th</sup> 2020, subject to successful completion of all testing.
- Release E will resolve a known issue which will impact Participants – please refer to the following slide for further details.

**Central Market Systems Release E**

#	CR Ref	Mod Ref	Description
1	CR094	N/A	Automatic Export of scheduling outputs following scheduling runs
2	CR076	Mod_05_19	Amendment to Uninstructed Imbalance Charge (CUNIMB) to correct for negative price scenarios
3	CR089	N/A	Use of Annual Capacity Exchange Rate in Settlement
4	CR118	N/A	Inclusion of Zeros in CSB Reports

## Central Market Systems – Release E: Known Issue 106691 – FMOC FX Rate Fix

- **Known Issue 106691 (5808) - FMOC FX rate applied is not aligned with T & SC 1.3.9:**
  - Issue will be resolved through addition of new Settlement “Run Type”
  - Monthly MO Settlement statement has been split into MO and FMOC (similar to previous SEM operations)
  - The fix involves a small change to both the Settlement Document and Settlement Statement report schemas
- **Documentation Updates:**
  - The following documents have been updated to reflect this change:
    - I-SEM Technical Specification Volume C – Balancing Market (includes updated schema)
    - Data Publication Guide (DPUG)
  - These will be available on the SEMO Website from next week
  - Actual “anonymised” files from our testing will be made available on the SEMO website to enable Participants to:
    - Better understand the changes to these reports and
    - Update these files with their own Resource Ids to test consumption into their own systems.
- **Queries:**
  - Any related queries should be submitted via the [“Contact Us”](#) page on the SEMO website. Please identify these queries as relating to “**Release E**” so they can be quickly routed to the relevant team.

# Central Market Systems – Release F

- The table below outlines the scope for Release F to the Central Market Systems.
- Release F is expected to be deployed in October 2020 (date TBC), subject to successful completion of all testing.
- We are awaiting a project schedule from our vendors and will communicate this, along with any relevant information for Participants at upcoming MOUGs.

**Central Market System Release F**

#	CR Ref	Mod Ref	Description
1	CR120	Mod_10_19	Exclusion of Dispatchable Priority Dispatch Unit Prices from Pricing
2	CR091	Mod_19_19	Setting System Operator Flags to zero for the purposes of Settlement
3	CR092	Mod_21_19	Application of Loss Factors for Interconnectors in Settlement
4	CR128	Mod_17_19	Mod_17_19 DSU State Aid Compliance Interim Approach

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# Market Development Roadmap



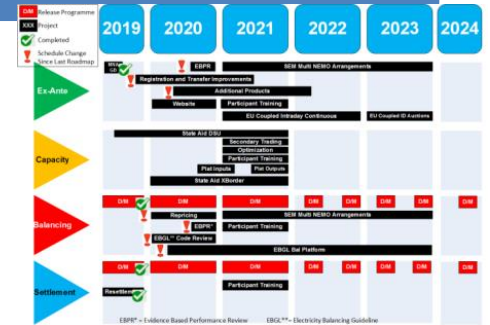
17/12/2019 - 25/01/2020  
Market Participant Feedback to the Roadmap

12/12/2019

01/01/2020

01/02/2020

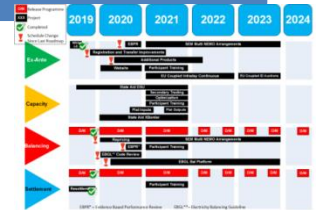
28/02/2020



MOUG



# Market Development Roadmap-Feedback



- Strong support for **investment transparency**. Encourage RAs to support the work which may require additional resourcing
- **Welcome**
  - the **complex orders** being proposed to the intra-day auctions
  - **XBID for continuous trading**
  - **Evidence Base Performance Review**
  - Prioritization of **Secondary trading** for Capacity Market
  - **Additional detail and engagement** on shorter term projects
- **Concerned about**
  - **Testing quality** of major fixes
  - **Too focused on outstanding issues** instead of new functionality
  - **Potential removal of Variable Term VMIC**





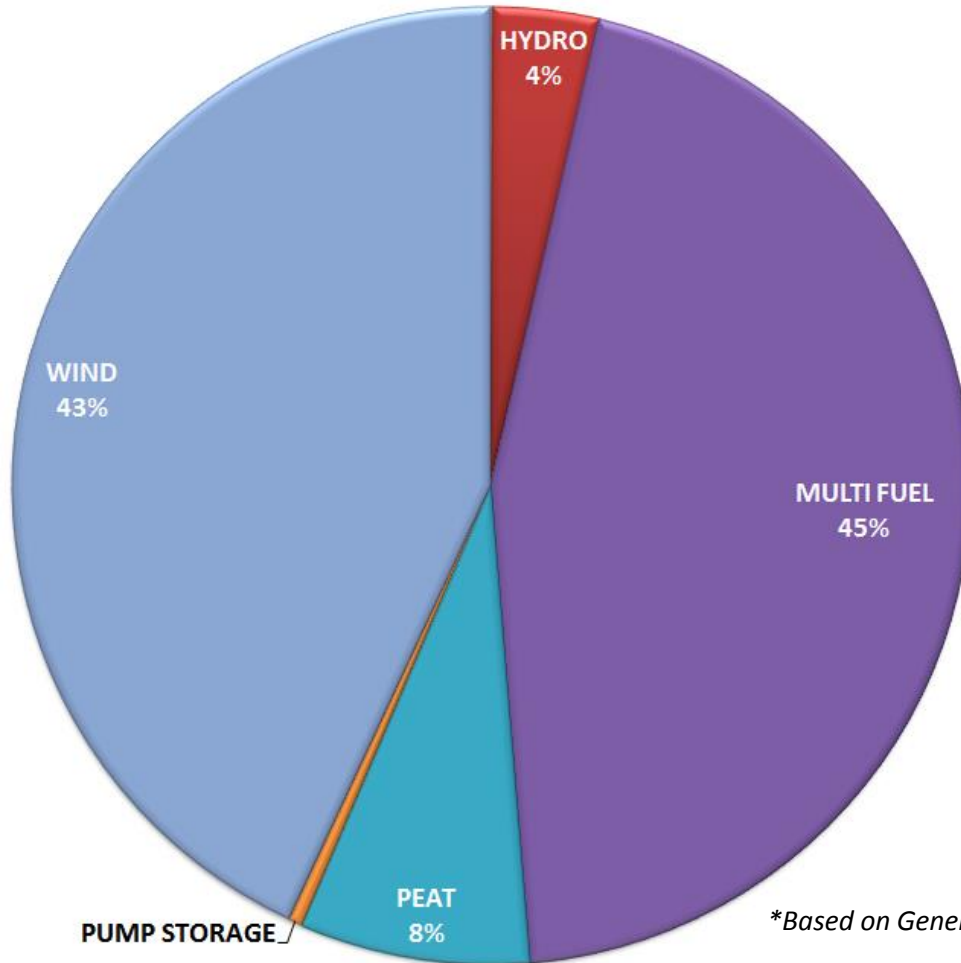
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# Ex-Ante Markets

- Volumes and Fuel Mix Jan 2020

*\*Using approx. prices and fuel type breakdowns*

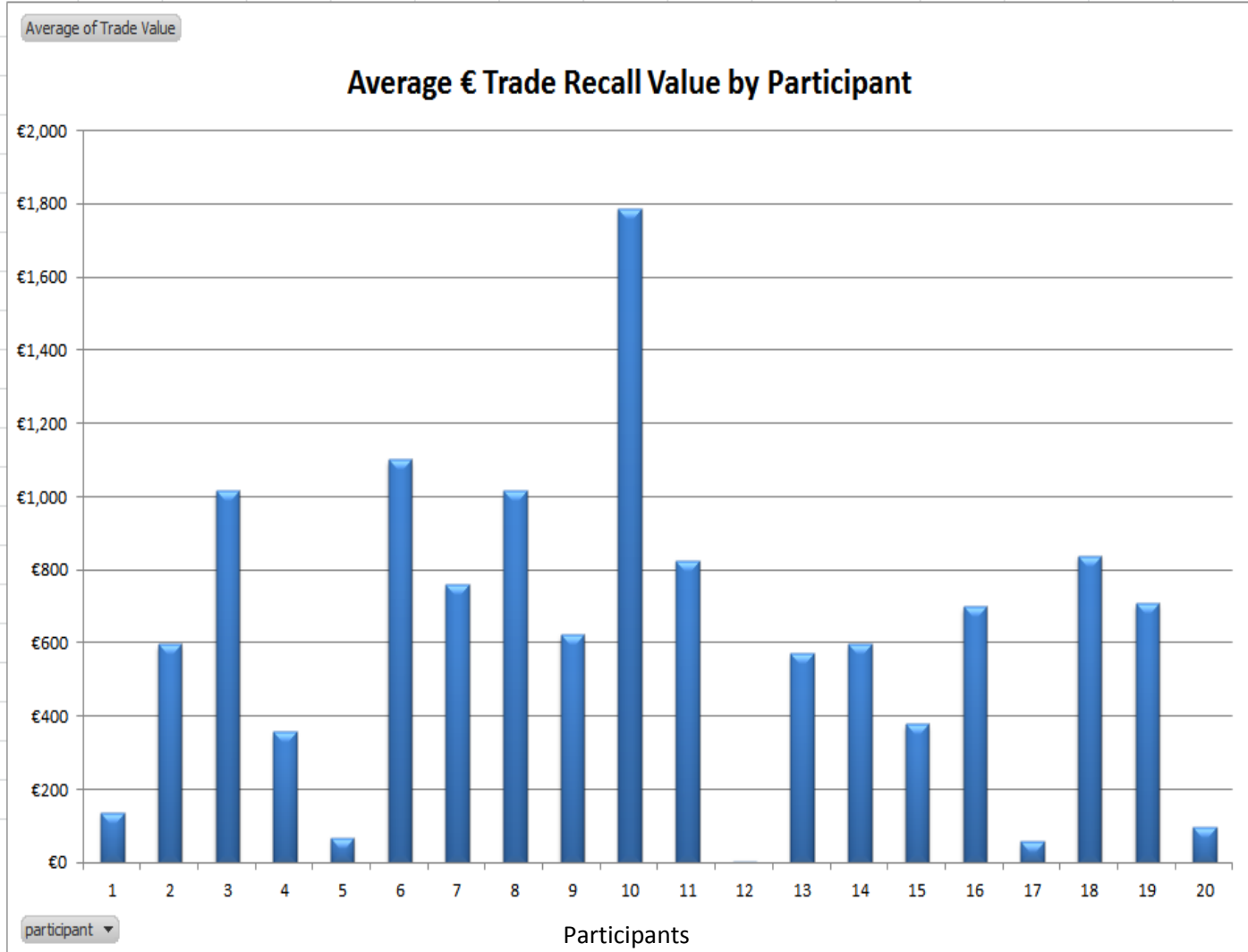


Market	Value	% of DAM
DAM	€159,198,254	
IDA1	€10,897,172	6.85%
IDA2	€4,607,117	2.89%
IDA3	€1,791,346	1.13%
IDC	€577,022	0.36%

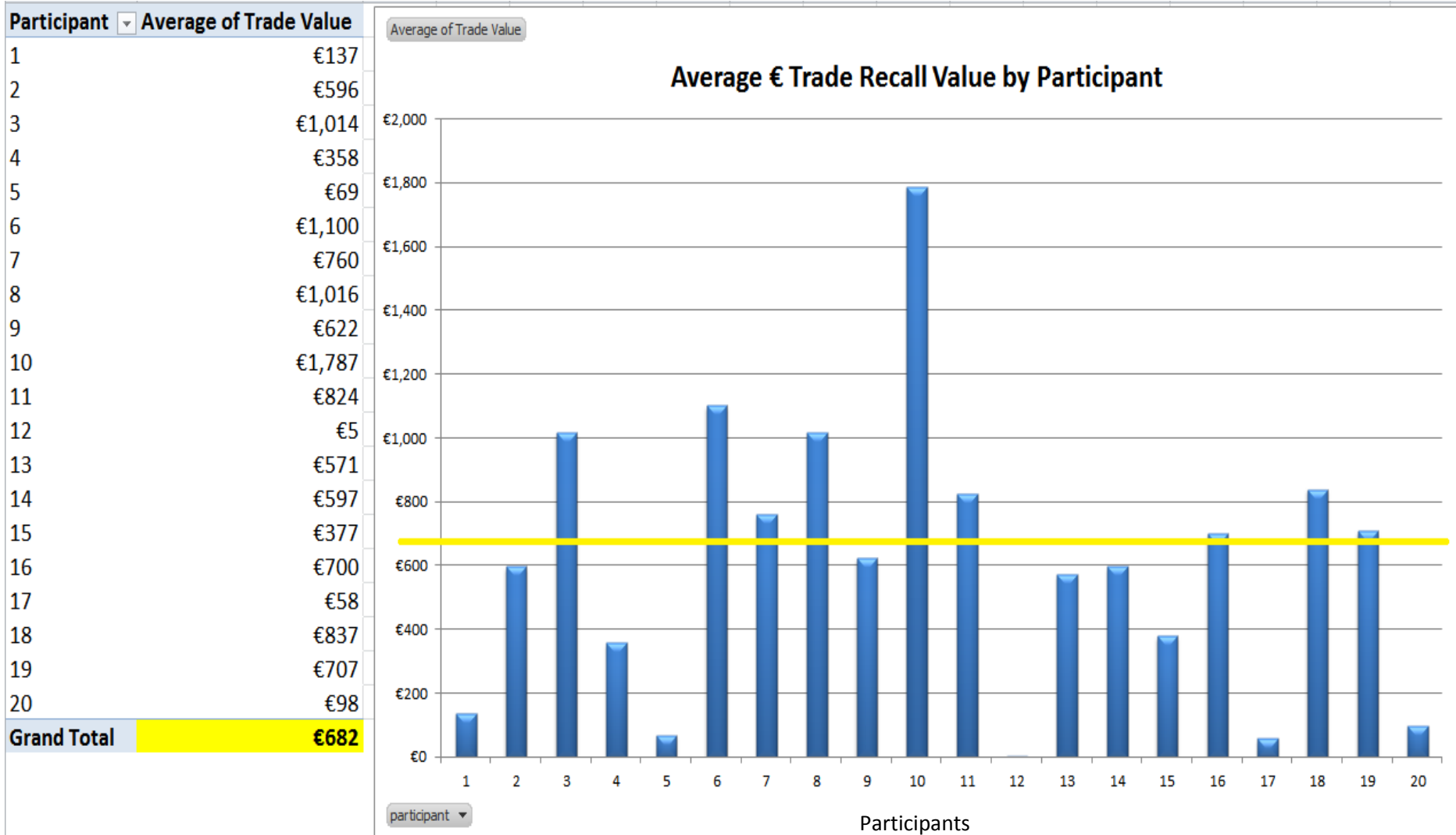
*\*Based on Generator DAM sell's by Fuel Type*

# Ex-Ante Trade Recalls

Participant	Average of Trade Value
1	€137
2	€596
3	€1,014
4	€358
5	€69
6	€1,100
7	€760
8	€1,016
9	€622
10	€1,787
11	€824
12	€5
13	€571
14	€597
15	€377
16	€700
17	€58
18	€837
19	€707
20	€98
<b>Grand Total</b>	<b>€682</b>



# Ex-Ante Trade Recalls



# Ex-Ante Market Analysis

- **In Summary**

- ✓ SEMOpx markets are maturing
- ✓ Simple Look Back Analysis located on SEMOpx website here :
  - ✓ [https://www.semopx.com/documents/general-publications/lookback\\_mkt.xlsx](https://www.semopx.com/documents/general-publications/lookback_mkt.xlsx)

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# Uncertainty Removed

- During the Transition Period both all-island and pan European (SDAC) electricity market preserved (until 31 Dec 2020)
- While the UK has left the EU, the Northern Ireland protocol allows participants in NI continued access to the IEM
  - Allows SEM to continue as a single market beyond 31<sup>st</sup> Dec 20
- Continued alignment with EU regulation
- NI confirmation every four years
- <https://eur-lex.europa.eu/legal-content/EN/TXT/PDF/?uri=OJ:C:2019:384I:FULL&from=EN>

# Uncertainty Remaining

- Enduring Interconnector Trading
  - How will the terms of the FTA between the UK and EU facilitate SEM-GB electricity flows?
    - Possible outcomes include continued access for GB to IEM
    - Feasibility of bilateral contractual arrangements
    - Design of internal GB trading arrangements when EU regulations no longer apply
- When will the FTA will be agreed?
  - The interval between agreement and go-live (31 Dec 20?)

# Mitigation measures

- Inclusion of complex orders into IDA1 and IDA2
- Continued monitoring with RA's and Government Departments
- High level scoping of options
  - Implicit allocation via bilateral arrangements
  - Explicit allocation
    - Nomination of power flows or act as interconnector unit participant (per previous SEM design)

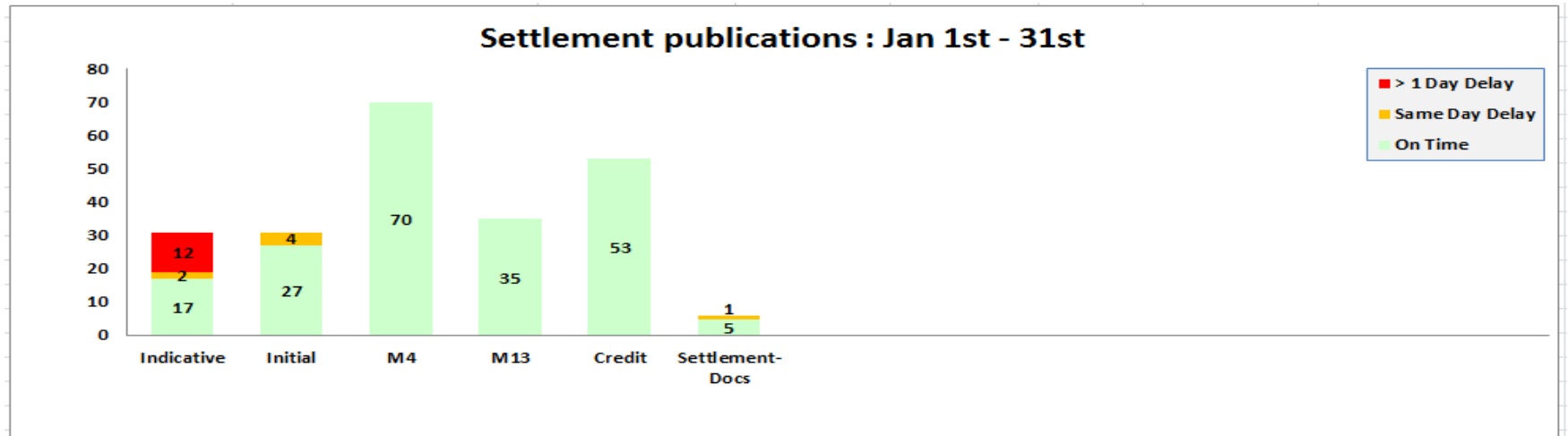
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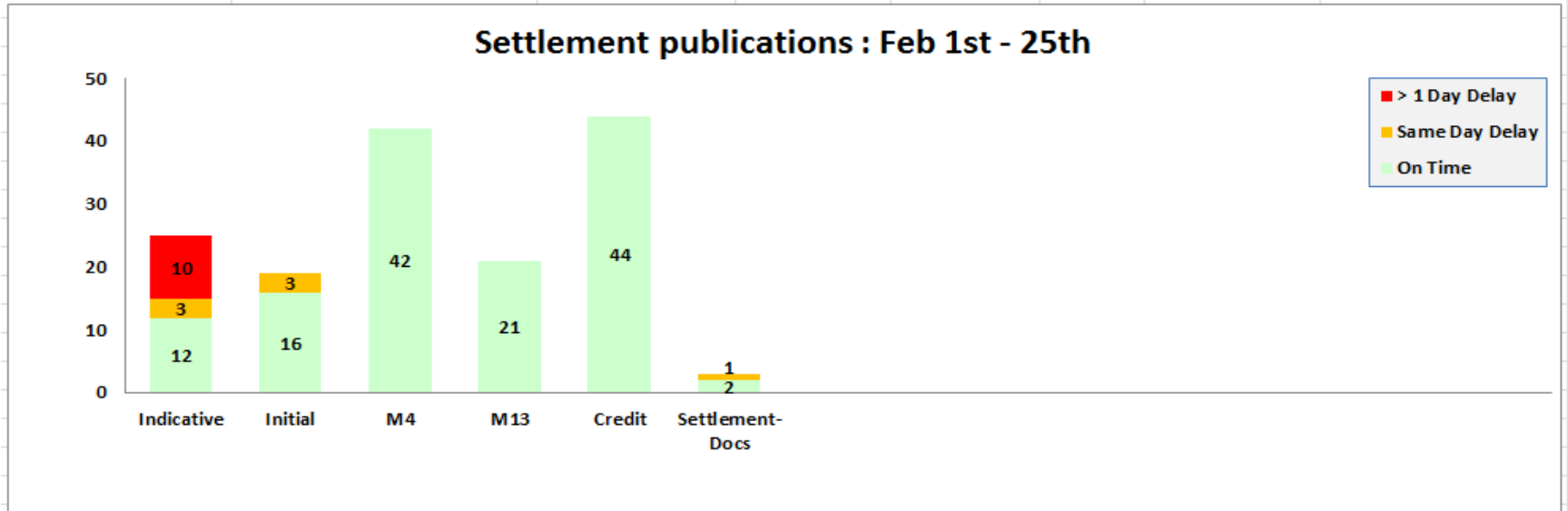
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# Settlement publications & timelines : January 2020



- **167 BALIMB** settlement runs processed in January **2020**, compared with 56 BALIMB settlement runs processed in January **2019**
- **6 Settlement Document** publication days in January due to the impact of non-business days in December 2019
- **10 of the 14** Indicative delays in Jan were due to delayed MDP data (MRSO systems certificate issue). Issue started on Jan 20<sup>th</sup> and resolved by MRSO on Feb 7<sup>th</sup> .
- **Settlement Document** same day delay on Jan 30<sup>th</sup> due to KIR IDs **6148** (Settlement Document Creation is limited to four Billing Periods ) & **155031** (Settlement Document creation time of the second settlement document )

# Settlement publications & timelines : Feb 2020 to date



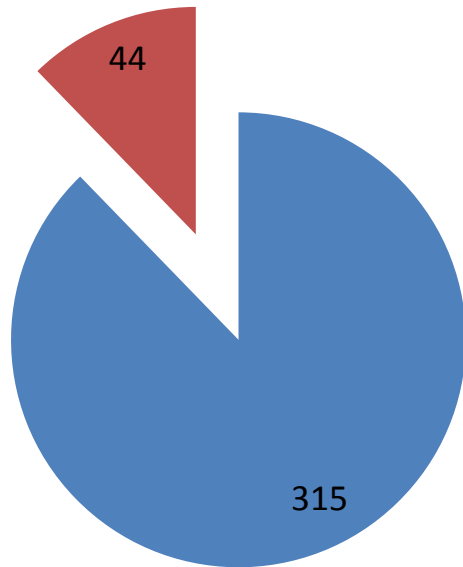
- **M+4 resettlement** : double up of M+4 started on Jan 10<sup>th</sup> 2020 and has remained on schedule past 7 weeks. M+4 resettlement schedule currently up to **July 2019**.
- **Indicative delays** due to a mixture of MDP metered data delays, Day ahead market (DAM) trade load issues, registration issues and instruction profiler push time impacts to timelines. All issues resolved.
- **Settlement Document** same day delay on Feb 24<sup>th</sup> due to additional analysis required with the second settlement document (BALIMB). Resettlement Settlement document published on time.

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# General Queries Overview 2<sup>nd</sup> Jan 20 to 25<sup>th</sup> Feb 20



- 359 queries received
- 315 queried closed with a further 29 outstanding queries from 2018/2019 closed
- Queries closed within an average of 5 working days

Since the start of the market we have received 3,602 general queries of which 3,521 have been closed.

# Formal Queries and Disputes

## Formal Settlement Queries:

Completed: 383

In progress: 19

Rejected: 1

**Total: 403**

## Disputes:

Completed: 101

In progress: 1 (with the DRB)

Rejected: 2

**Total: 104**

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Close

- SEMO Website: <http://www.sem-o.com/>
- Semopx Website: <http://www.semopx.com/>
- Queries: [Info@sem-o.com](mailto:Info@sem-o.com); [Info@semopx.com](mailto:Info@semopx.com)

***Thank you for your attendance.***