

## **Market Operator's Performance Report**

July 2021

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## **Executive Summary**

On 1 October 2018 the Integrated Single Electricity Market (I-SEM) went live and is now the enduring operational electricity market in Ireland and Northern Ireland.

This Single Electricity Market Operator's (SEMO) performance report covers the month of operation of July 2021 and is published in accordance with section B16.2 of the Trading and Settlement Code and the SEM Committee decision paper issued for the Legacy SEM market.

During the month of July 2021:

- There were 7 late publications of Indicative and Initial Settlement runs as per the Trading and Settlement Code timelines
- 5 out of 5 Settlement Documents issued on time
- There were 14 payment defaults by Participants
- No new parties joined the market and no new units registered in the market
- There were 0 Credit defaults by Participants and 1 Credit breaches as per the Trading and Settlement code timelines
- 135 general queries were received, and 136 general queries were resolved, with 29 in progress

SEMO welcomes all comments on the contents of this report. Comments should be sent preferably in email format to <u>info@sem-o.com</u>. The intention is for SEMO and the Regulatory Authorities to consult on the framework for reporting based on comments and feedback received and to implement any revisions where necessary.

## 1 Joining and Terminating Parties and Units

## 1.1 Balancing Market

No new parties went effective in the Market between 01 July and 31 July 2021.

No new units went effective in the Market between 01 July and 31 July 2021.

No units de-registered from the Market between 01 July and 31 July 2021.

## **1.1 Termination of Participants**

There were no terminating parties in July 2021.

#### **1.2 Suspension of Participants**

No suspension orders were issued by the Market Operator in July 2021.

## 2 Trading and Settlement Code Breaches

| Trading and Settlement Code Breaches |                             |       |       |  |
|--------------------------------------|-----------------------------|-------|-------|--|
|                                      | Area                        | Major | Minor |  |
| Data Providers                       |                             |       | -     |  |
| Market Participants                  | Clearing                    | 14    | -     |  |
|                                      | Credit Risk Management      | 0     | 0     |  |
| Market Operator                      | Balancing Market Settlement | 0     | 7     |  |
|                                      | Clearing                    | -     | -     |  |
|                                      | Credit Risk Management      | 0     | 1     |  |
| Other                                |                             | -     | -     |  |
| Total                                | Total 14 8                  |       |       |  |

Breaches of the Trading and Settlement Code were noted in the following areas:

Table 1 – Trading and Settlement Code Breaches

Further details of each of the Trading and Settlement Code breaches noted above are set out in **Appendix A.** 

Key:

- Major Breach late publishing of settlement documents, default notices issued for non-payment or similar.
- Minor Breach deadlines not met, but no financial implication to Participants. This includes late posting of settlement runs.

## **3** Balancing Market Settlements

#### 3.1 Indicative and Initial Settlement Runs (includes daily BALIMB, MO and CRM)

For Historical information please see **Appendix B** – Historical Settlement Information.

The following series of tables and graphs represents the publications of Indicative and Initial Settlement runs. Every working day SEMO is obliged to issue Indicative and Initial settlement run statements.

| Settlement Runs completed 01/07/2021 – 31/07/2021 |    |    |
|---|----|----|
| Indicative Initial                                |    |    |
| On Time   | 26 | 29 |
| Same Day Late                                     | 0  | 1  |
| > 1 Day Late                                      | 5  | 1  |
| Total runs  | 31 | 31 |

Table 2 - Settlement Runs completed 01/07/2021 - 31/07/2021

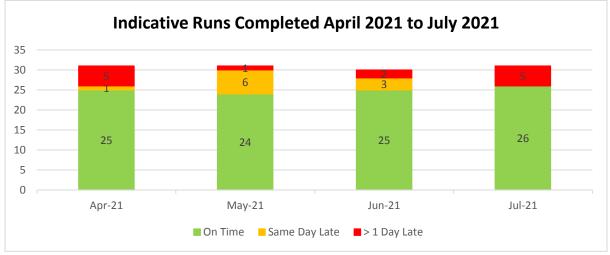
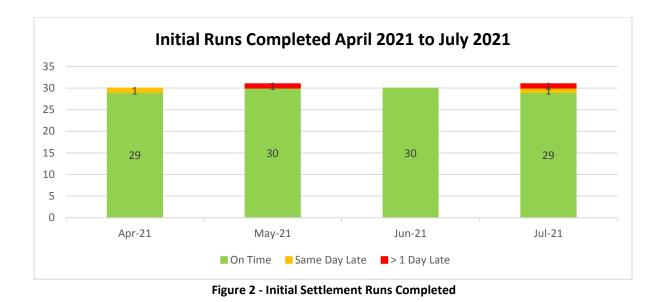


Figure 1 - Indicative Settlement Runs Completed

Further details on publication times can be found in Appendix C.



Further details on publication times can be found in Appendix C.

## **3.2 Settlement Documents**

The following table represents the publications of Initial Settlement Documents. SEMO is obliged to issue initial Settlement Documents 4 working days after the last day of the billing period.

| Settlement Documents completed 01/07/2021 - 31/07/2021 |   |  |
|--|---|--|
| No. of Weeks   |   |  |
| On Time 5  |   |  |
| Same Day Late  | 0 |  |
| > 1 Day Late   | 0 |  |
| Total runs   | 5 |  |

Table 3 - Settlement Documents completed 01/07/2021 - 31/07/2021

#### 3.3 M+4, M+13 and Ad-hoc Resettlement

The following table represents the publications of Resettlement runs for the month of July.

| Resettlement Runs for Operational Dates 01/07/2021 - 31/07/2021 |                        |                     |                                |
|---|------------------------|---------------------|--------------------------------|
| Resettlement  | Number Billing Periods | Resettlement Period | <b>Resettlement Period End</b> |
| Run   | Resettled              | Start Date          | Date                           |
| M+4   | 5                      | 28/02/2021          | 03/04/2021                     |
| M+13  | 5                      | 31/05/2020          | 04/07/2020                     |
| Ad-Hoc  | 4                      | 20/01/2019          | 16/02/2019                     |

Table 4 – Resettlement Runs for Operational Dates 01/07/2021 – 31/07/2021

#### **3.4 Credit Reports Publications**

There were 54 Credit reports published on time, out of an expected 55 Credit reports.

#### 1 Delayed

01/07/2021: CIM Load ran overtime

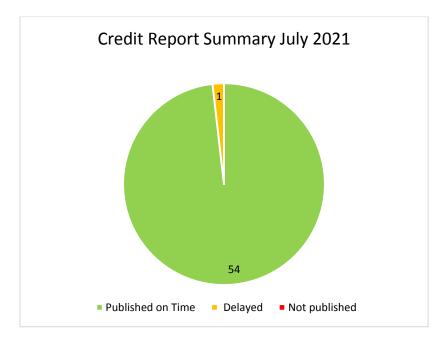


Figure 3 - Credit Report Summary July 2021

## **4** Financial Statistics

# 4.1 Cash Flow positions for Balancing Market, Capacity Market and Market Operator Charges

The Balancing Market reflects actions taken by the TSOs to keep the system balanced, for example, for differences between the market schedule and actual system demand. It determines the imbalance settlement price for settlement of these balancing actions. This includes any uninstructed deviations from a participant's notified ex-ante position. All data displayed in this section displays Initial data from 01 July 2021 to 31 July 2021.

- Positive values indicate Payments were greater than Charges
- Negative values indicate Charges were greater than Payments
- All figures are in Euro

| Balancing Market Cashflow Position    |   |            |  |  |
|---------------------------------------|---|------------|--|--|
| Component                             | Component Component Name                          |            |  |  |
| CDISCOUNT                             | Discount Payment                                  | 16,420,328 |  |  |
| CPREMIUM                              | Premium Payment                                   | 4,059,804  |  |  |
| CIMB                                  | Imbalance Payment or Charge                       | 3,418,887  |  |  |
| CABBPO                                | Bid Price Only Accepted Bid Payment or Charge     | 17,534     |  |  |
| CFC                                   | Fixed Cost Payment or Charge                      | -5,974     |  |  |
| CDIFFCWD Within-Day Difference Charge |   | -9,681     |  |  |
| CSOCDIFFP                             | CSOCDIFFP Difference Payment Socialisation Charge |            |  |  |
| CCA                                   | CCA Currency Adjustment Charge                    |            |  |  |
| CAOOPO                                | Offer Price Only Accepted Offer Payment or Charge | -106,157   |  |  |
| CUNIMB                                | CUNIMB Uninstructed Imbalance Charge              |            |  |  |
| CREV                                  | CREV Residual Error Volume Charge                 |            |  |  |
| CIMP                                  | CIMP Imbalance Payment or Charge                  |            |  |  |
|                                       | Total -5,555,513                                  |            |  |  |

Table 5 - Balancing Market Cash Flow Position

The Capacity Market is designed to help ensure that the generation capacity in Ireland and Northern Ireland (including Storage, Demand Side Units and Interconnector capacity) is sufficient to meet demand and that the regulatory approved generation adequacy standard is satisfied.

| Capacity Market Cash Flow Position               |   |            |  |  |
|--|---|------------|--|--|
| Component Component Name € Payment/Cha           |   |            |  |  |
| CCP Fixed Market Operator Charge Generator Units |   | 30,554,092 |  |  |
| CCC  | CCC Fixed Market Operator Charge Supplier Units |            |  |  |
| Total -1,520,734                                 |   |            |  |  |

#### Table 6 - Capacity Market Cash Flow Position

Market Operator charges are used to recover the costs of administering the market:

| Market Operator Charges              |  |                  |  |  |
|--------------------------------------|--|------------------|--|--|
| Component Component Name €           |  | € Payment/Charge |  |  |
| CVMO Variable Market Operator Charge |  | -1,371,332       |  |  |
| Total -1,371,332                     |  |                  |  |  |

Table 7 - Market Operator Charges

## Note: CMOAV and CMOAU for July have not been settled at time of reporting.

#### 4.2 Financial Changes between Initial Settlement and Subsequent Reruns

During the month of July 2021:

- M+4 Resettlement has been completed for Settlement Dates 07/03/2021 to 03/04/2021.
- M+13 Resettlement has been completed for Settlement Dates 07/06/2020 to 04/07/2020.
- Adhoc Resettlement has been completed for Settlement Dates 20/01/2019 to 16/02/2019.

The tables below display the differences between the previous settlement run and the most recent resettlement run (either M+4, M+13 or Adhoc). The differences are then rolled up to the component charge level and combined for both M+4, M+13 and Adhoc.

| Balancing Market Resettlement |             |  |
|-------------------------------|-------------|--|
| Component                     | Difference  |  |
| CIMB                          | -€1,954,714 |  |
| CIMP                          | -€104,147   |  |
| CREV                          | -€19,351    |  |
| CDIFFCNP                      | €9,831      |  |
| CDIFFCWD                      | €9,997      |  |
| CPREMIUM                      | -€250,181   |  |
| CABBPO                        | -€6,385     |  |
| CCA                           | -€169       |  |
| CTEST                         | €0          |  |
| CSOCDIFFP                     | €1,142      |  |
| CCURL                         | -€32,330    |  |
| CDISCOUNT                     | €57,740     |  |
| CDIFFPIMB                     | -€9,625     |  |
| CUNIMB                        | -€133,863   |  |
| CAOOPO                        | -€36,391    |  |
| CFC                           | €442,454    |  |
| Total                         | -€2,025,992 |  |

#### **Table 8 - Balancing Market Resettlement**

#### **Capacity Market Resettlement**

| Component | Difference |
|-----------|------------|
| CCC       | -€48,449   |
| ССР       | -€55,535   |
| Total     | -€103,984  |

**Table 9 - Capacity Market Resettlement** 

| Market Operator Charges Resettlement |            |  |
|--------------------------------------|------------|--|
| Component                            | Difference |  |
| CMOAU                                | €65,955    |  |
| CVMO                                 | -€7,078    |  |
| CMOAV                                | €1,636     |  |
| Total                                | €60,514    |  |

**Table 10 - Market Operator Charges Resettlement** 

Financial Statistics Disclaimer: the above information represents settlement data aggregated during the month in assessment, which may be different to the accounting data audited post settlement period.

## 5 Query Management

## **5.1 General Queries**

The statistics presented in Table 11 - Helpdesk Query Statistics cover the month of July 2021.

| Received | Resolved | Open |
|----------|----------|------|
| 135      | 136      | 29   |

Table 11 – Helpdesk Query Statistics

The average resolution time for queries in July 2021 was 5.2 working days.

## Definitions

- Resolved refers to queries resolved within July 2021, and includes queries raised before this time.
- Resolution Time (Working Days) refers to average time to resolve, in working days for this category of query. It is calculated based on all queries for the category, not just July 2021.
- Open refers to queries raised but not resolved as of 31<sup>st</sup> of July 2021.

## **5.2 Settlement Queries**

There were 15 Formal Settlement queries raised in July 2021.

4 have been upheld, 1 not upheld and 10 are unresolved at this time and are currently under investigation.

| Topic (upheld Queries) | Number of Queries |
|------------------------|-------------------|
| ССР                    | 1                 |
| CFC                    | 1                 |
| CPREMIUM               | 1                 |
| CUNIMB                 | 1                 |

Table 12 – Upheld Settlement Queries by Topic

Further Details on Settlement queries that have been upheld can be found in **Appendix D.** 

A full list of all unresolved Settlement queries raised in July 2021 can be found in **Appendix D.** 

#### 5.3 Disputes

No Disputes were raised in the month of July 2021.

## 6 Imbalance Price

## 6.1 Imbalance Price

There are two types of Imbalance Price referred to in this section; the Imbalance Price which is the price associated with a 5 Minute Imbalance Pricing Period; and secondly, an Imbalance Settlement Price which is calculated as the average of six 5 Minute Imbalance Prices for a corresponding 30 minute Imbalance Settlement Period.

Figure 4 below shows the Imbalance Settlement Prices for July 2021. All system calculated Imbalance Settlement Prices are published on this graph; both the Market Back Up Price and the 30 minute average of the Imbalance Price. The average Imbalance Settlement Price for July was €150.80.

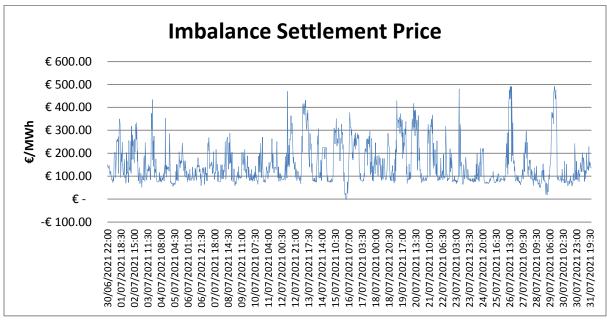


Figure 4 – Imbalance Settlement Price

**Figure 5** below shows the Quantity Weighted Ex-Ante Price as a comparator to the Imbalance Settlement Price. The Quantity Weighted Ex-Ante Price is the value used by SEMO as the Market Back Up Price, should the Market Operator not be able to calculate an Imbalance Settlement Price; based on the average of the six 5 Minute Imbalance Prices for a given Imbalance Settlement Period.

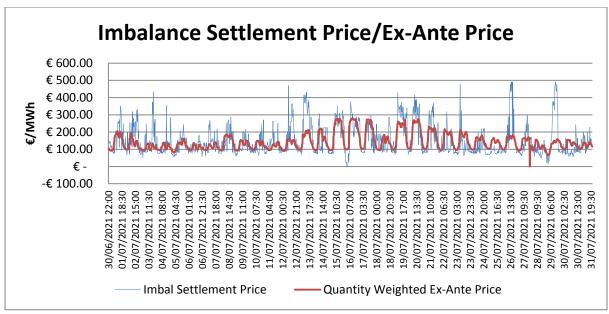


Figure 5 – Imbalance Settlement Price & Quantity Weighted Ex-Ante Price Comparison

**Figure 6** below highlights the monthly Highest, Lowest and Average half-hour Imbalance Prices for the period July 2021.

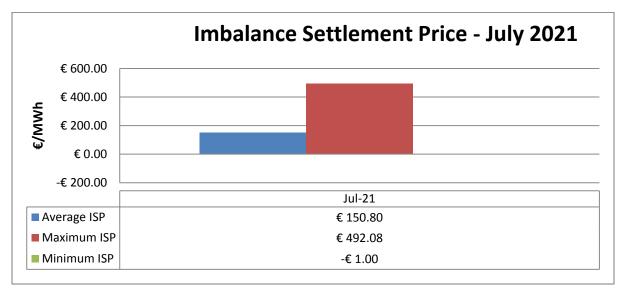


Figure 6 – Highest, Lowest and Average Imbalance Prices

#### 6.2 Exchange Rate

The SEM is a dual currency market, Units based in Northern Ireland submit their Offer Data in GBP. All GBP Offer Data is converted to EUR as part of the Balancing Market price setting process. The GBP to EUR exchange rate is captured below in **Figure 7**.

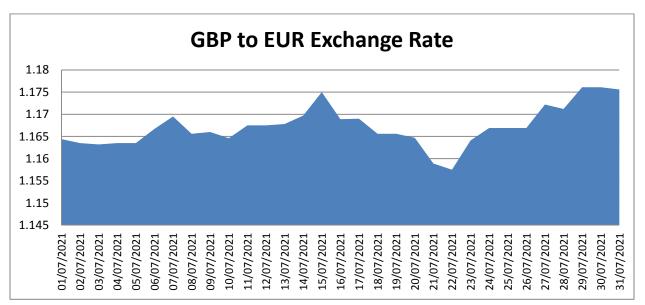


Figure 7 – GBP to EUR Exchange Rate

## 6.3 Imbalance Price Generation and Backup Price

The Market Back Up Price is calculated and published automatically by the Market Systems in the event that one or more 5 minute Imbalance Prices have not been calculated for an Imbalance Settlement Period. During this calendar Month, there were 0 Market Back Up Prices published as a result of 36 missed Imbalance Prices<sup>1</sup>.

As a result of the approved Mod\_03\_19 and the implementation of Release G, the Back Up Price is now calculated at a 5-Minute level rather than a 30-Minute level. During this calendar Month, there were 7 Backup Prices (5MIN) applied as a result of a scheduled system outage<sup>2</sup>.

<sup>&</sup>lt;sup>1</sup> Prior to Release G, if one or more five minute Imbalance Prices are not published in one Imbalance Settlement Period, then the Market Back up Price is used as the corresponding Imbalance Settlement Price.

<sup>&</sup>lt;sup>2</sup> After the implementation of Release G, the Imbalance Settlement Price includes any 5-minute Imbalance Prices that have calculated in an Imbalance Settlement Period rather than reverting to the Market Back Up Price for all periods where one Imbalance Price fails to calculate.

## 7 Modifications

#### 7.1 Balancing Market – Trading & Settlement Code Modification Management

The tables that follow give an overview of the activity that has taken place between 1<sup>st</sup> July 2021 and 31<sup>st</sup> July 2021. Table 13 shows the dates and number of Modifications Committee Meetings and Working Groups that took place over this period.

| Meeting                             | Date | Location |
|-------------------------------------|------|----------|
| No meetings scheduled for July 2021 |      |          |

Table 13: Balancing Market: Trading & Settlement Code Modifications Committee Meetings

At the Modifications Committee Meeting, decisions are made with regard to progressing various Modification Proposals. Table 14 gives an outline of the amount of activity that has taken place over this period.

| Modification Proposal Activity | Total |
|--------------------------------|-------|
| Raised                         | 0     |
| Alternative Versions raised    | 0     |
| Withdrawn                      | 0     |
| Deferred                       | 0     |
| Extension Granted              | 0     |
| Recommended for Approval       | 0     |
| Recommended for Rejection      | 0     |
| Further Work Required          | 0     |
| RA Decision Approved           | 0     |
| RA Decision Rejected           | 0     |

 Table 14 - Modification Proposal Activity

## 7.2 Balancing Market - Modifications Process Development

Modification Proposals were considered at bimonthly Modifications Committee Meetings alternating between Belfast and Dublin or conference call where applicable (see Table 13).

Full details of all modifications progressed during the year are available in the <u>Balancing Market</u> <u>Modifications section</u> of the SEMO website.

## 8 Central Systems

#### 8.1 System Releases

An initial fix to the MPI FX rate issue was released on Tuesday 27<sup>th</sup> July 2021.

#### 8.2 System Availability

The table below gives the system availability values for the month of July 2021.

| System / Application                       | Annual Availability % |
|--|-----------------------|
| Settlements (CSB)                          | 100%                  |
| MI   | 100%                  |
| MA   | 99.89%                |
| Reporting (reports publication in the MPI) | 100%                  |
| Website (availability)                     | 100%                  |
| Average System Availability                | 99.98%                |

Table 15 - Monthly Availability

#### 8.3 Known Issues Report

For details regarding system errors please refer to the latest Known Issues Report published on the <u>SEMO website</u>.

# 8.4 Limited Communication Failure (LCF), General Communication Failure (GCF) and General System Failure (GSF)

There were no LCFs during the month of July 2021.

There was no GCF during the month of July 2021.

There were no GSFs during the month of July 2021.

## 9 Appendix A: Trading and Settlement Code Breaches

#### **Meter Data Provider Breaches**

No breaches for July 2021.

#### **Market Participant Breaches**

| PT name                             | Invoiced<br>period | Market | Default issued<br>due to | Default<br>letter<br>issued | T & SC<br>Breach | Status |
|-------------------------------------|--------------------|--------|--------------------------|-----------------------------|------------------|--------|
| Dunmore Power Supply Limited        | RS_30012021        | BMCRM  | Timing                   | Yes                         | Major            | Closed |
| Crystal Energy Limited              | RS_30012021        | BMCRM  | Timing                   | Yes                         | Major            | Closed |
| Statkraft Markets GmbH              | RS_06022021        | BMCRM  | Timing                   | Yes                         | Major            | Closed |
| Statkraft Markets GmbH              | WK_21_2021         | BMCRM  | Timing                   | Yes                         | Major            | Closed |
| Tynagh Energy Limited               | WK_21_2021         | BMCRM  | Timing                   | Yes                         | Major            | Closed |
| Statkraft Markets GmbH              | WK_21_2021         | BMCRM  | Timing                   | Yes                         | Major            | Closed |
| EnerNOC Ireland Limited             | MAY_2021           | MO     | Timing                   | Yes                         | Major            | Closed |
| Bearna Gaoithe Power Supply Limited | MAY_2021           | MO     | Timing                   | Yes                         | Major            | Closed |
| Crystal Energy Limited              | WK 22 2021         | BMCRM  | Timing                   | Yes                         | Major            | Closed |
| Crystal Energy Limited              | RS 31 05 2021      | BMCRM  | Timing                   | Yes                         | Major            | Closed |

Table 16 - Clearing Default Notices

#### **Market Participant Breaches**

| Jul-21               |         |            |                     |       |            |        |               |
|----------------------|---------|------------|---------------------|-------|------------|--------|---------------|
| NO defaults          |         |            |                     |       |            |        |               |
| Ops Date indentified | PT Name | Issue Type | Default Letter Sent | Cause | Resolution | Closed | T & SC Breach |
| N/A                  | N/A     | Credit     | N/A                 | N/A   | N/A        | N/A    | N/A           |

Table 17 - Credit Risk Management

#### **Market Operator Breaches**

| L. |                     | 1           | I                 |                       |
|----|---------------------|-------------|-------------------|-----------------------|
|    | Credit Report Date: | Start Time: | Publication Time: | Comments              |
|    | 01/07/2021          | 12pm        | 1.50pm            | CIM Load ran overtime |



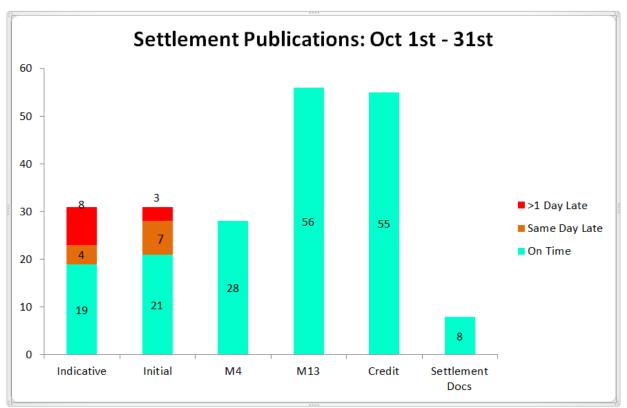
## **Market Operator Breaches**

| Settlement<br>Date | Periods<br>Affected | Run Type   | Quality or<br>Timing | Party | Issue Type                                   | Description                   | Cause  | Resolution  | T&SC<br>Breach | Status |
|--------------------|---------------------|------------|----------------------|-------|--|-------------------------------|--|---|----------------|--------|
| 4th                | 1                   | Indicative | Timing               | SEMO  | Processing Issue                             | Duplication of QFPN<br>values | QFPN values were<br>duplicated preventing<br>further processing<br>being completed | Indicative completed late after<br>target date                              | Minor          | Closed |
| 10th-13th          | 4                   | Indicative | Timing               | SEMO  | Day-Ahead/Intra-Day<br>Trading (DA/IDT) Data | Processing DA/IDT data        | Missing DA/IDT data  | DA/IDT data imported and<br>Indicatives completed late after<br>target date | Minor          | Closed |

Table 19 – Delays to Indicative Settlement

| Settlement<br>Date | Periods<br>Affected | Run Type | Quality or<br>Timing | Party | Issue Type          | Description                          | Cause  | Resolution  | T&SC<br>Breach | Status |
|--------------------|---------------------|----------|----------------------|-------|---------------------|--------------------------------------|--|---|----------------|--------|
| 7th                | 1                   | Initial  | Timing               | SEMO  | Processing Timeline | Additional analysis<br>required      | Additional financial<br>analysis required                        | Analysis completed and Initial<br>completed late after target<br>date | Minor          | Closed |
| 31st               | 1                   | Initial  | Timing               | SEMO  | System Issue        | Users unable to access<br>CSB system | Standard IT issue<br>which had an<br>unexpected impact on<br>CSB | Initial completed late on target<br>date                              | Minor          | Closed |

Table 20 – Delays to Initial Settlement



## **10** Appendix B: Historical Settlement Information

Figure 8 - Settlement Information October 2020

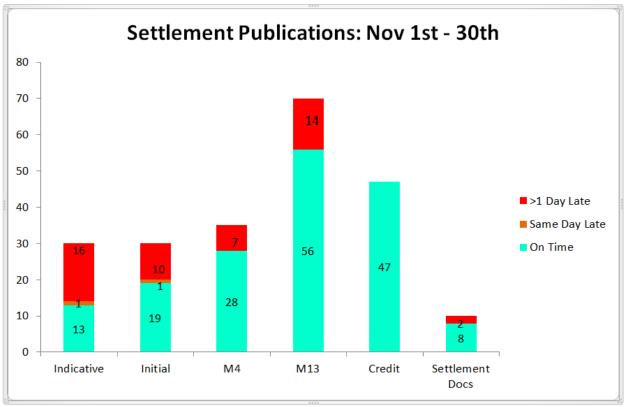


Figure 9 - Settlement Information November 2020

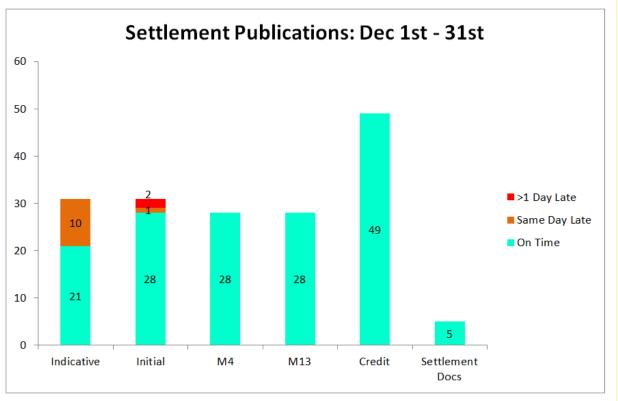


Figure 10 - Settlement Information December 2020

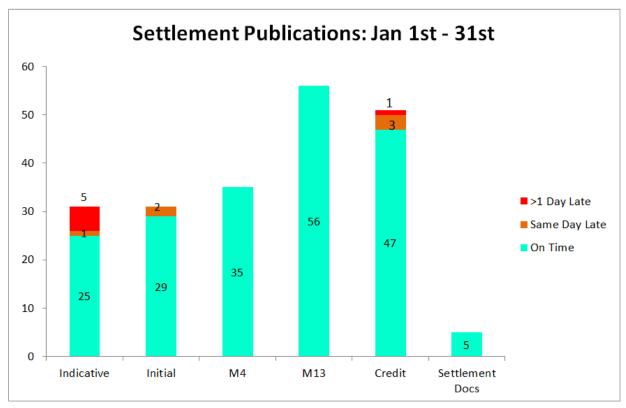


Figure 11 - Settlement Information January 2021

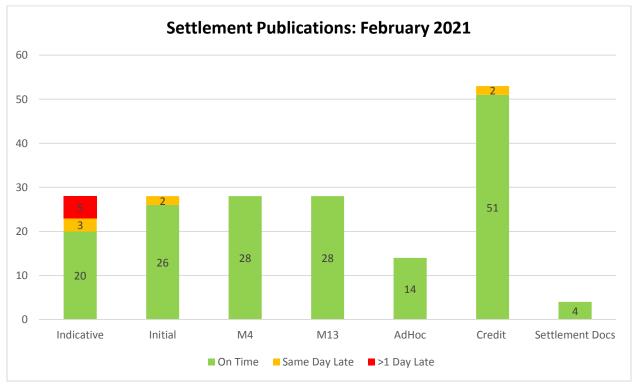


Figure 12 - Settlement Information February 2021

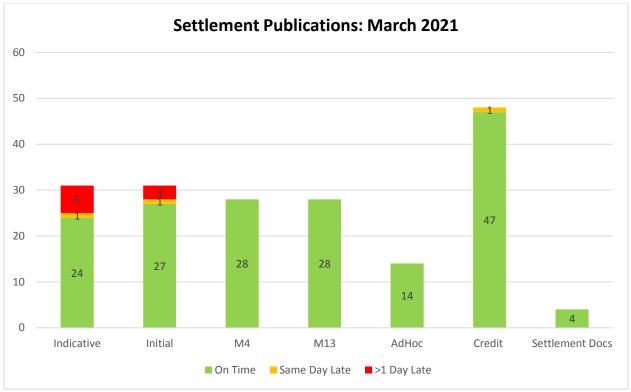


Figure 13 - Settlement Information March 2021

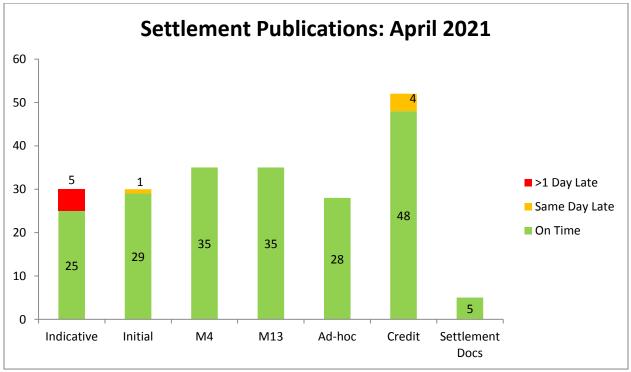


Figure 14 - Settlement Information April 2021

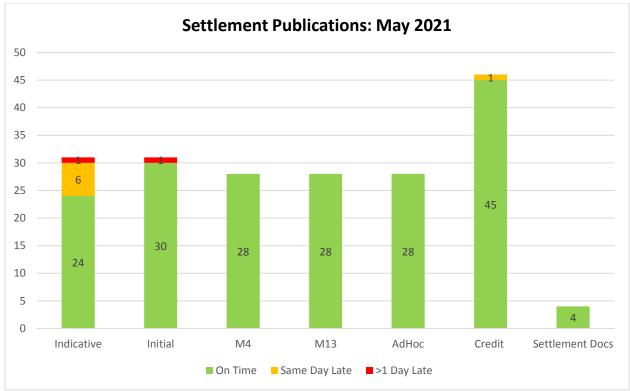


Figure 15 - Settlement Information May 2021

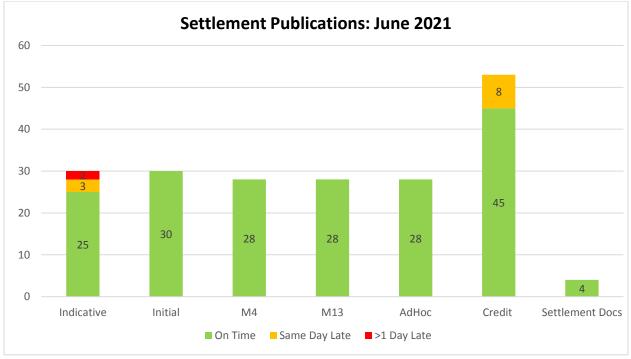


Figure 16 - Settlement Information June 2021

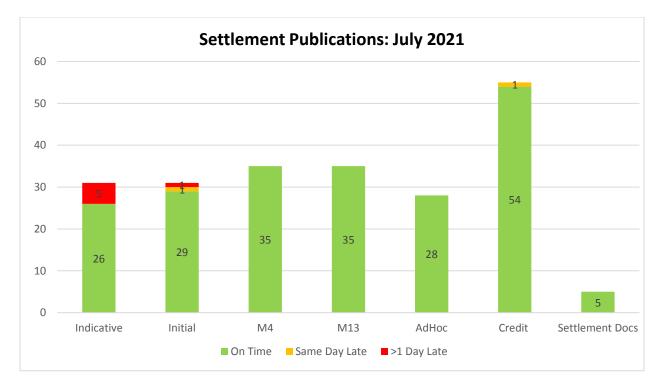


Figure 17-Settlement Information July 2021

## **11** Appendix C: Settlement Publication Timings

## **Indicative Settlement**

| Operational<br>Date | Market | Run        | Period End Date | Target Date &<br>Time | Publish Date &<br>Time |
|---------------------|--------|------------|-----------------|-----------------------|------------------------|
| 02/07/2021          | BALIMB | Indicative | 01/07/2021      | 02/07/2021 17:00      | 02/07/2021 16:04       |
| 05/07/2021          | BALIMB | Indicative | 02/07/2021      | 05/07/2021 17:00      | 05/07/2021 14:33       |
| 05/07/2021          | BALIMB | Indicative | 03/07/2021      | 05/07/2021 17:00      | 05/07/2021 15:00       |
| 05/07/2021          | BALIMB | Indicative | 04/07/2021      | 05/07/2021 17:00      | 06/07/2021 10:32       |
| 06/07/2021          | BALIMB | Indicative | 05/07/2021      | 06/07/2021 17:00      | 06/07/2021 16:13       |
| 07/07/2021          | BALIMB | Indicative | 06/07/2021      | 07/07/2021 17:00      | 07/07/2021 16:11       |
| 08/07/2021          | BALIMB | Indicative | 07/07/2021      | 08/07/2021 17:00      | 08/07/2021 16:16       |
| 09/07/2021          | BALIMB | Indicative | 08/07/2021      | 09/07/2021 17:00      | 09/07/2021 16:09       |
| 13/07/2021          | BALIMB | Indicative | 09/07/2021      | 13/07/2021 17:00      | 13/07/2021 14:21       |
| 13/07/2021          | BALIMB | Indicative | 10/07/2021      | 13/07/2021 17:00      | 14/07/2021 13:54       |
| 13/07/2021          | BALIMB | Indicative | 11/07/2021      | 13/07/2021 17:00      | 14/07/2021 14:02       |
| 13/07/2021          | BALIMB | Indicative | 12/07/2021      | 13/07/2021 17:00      | 14/07/2021 14:09       |
| 14/07/2021          | BALIMB | Indicative | 13/07/2021      | 14/07/2021 17:00      | 15/07/2021 09:02       |
| 15/07/2021          | BALIMB | Indicative | 14/07/2021      | 15/07/2021 17:00      | 15/07/2021 15:56       |
| 16/07/2021          | BALIMB | Indicative | 15/07/2021      | 16/07/2021 17:00      | 16/07/2021 16:11       |
| 19/07/2021          | BALIMB | Indicative | 16/07/2021      | 19/07/2021 17:00      | 19/07/2021 15:04       |
| 19/07/2021          | BALIMB | Indicative | 17/07/2021      | 19/07/2021 17:00      | 19/07/2021 15:45       |
| 19/07/2021          | BALIMB | Indicative | 18/07/2021      | 19/07/2021 17:00      | 19/07/2021 16:41       |
| 20/07/2021          | BALIMB | Indicative | 19/07/2021      | 20/07/2021 17:00      | 20/07/2021 15:45       |
| 21/07/2021          | BALIMB | Indicative | 20/07/2021      | 21/07/2021 17:00      | 21/07/2021 15:48       |
| 22/07/2021          | BALIMB | Indicative | 21/07/2021      | 22/07/2021 17:00      | 22/07/2021 16:20       |
| 23/07/2021          | BALIMB | Indicative | 22/07/2021      | 23/07/2021 17:00      | 23/07/2021 15:51       |
| 26/07/2021          | BALIMB | Indicative | 23/07/2021      | 26/07/2021 17:00      | 26/07/2021 14:23       |
| 26/07/2021          | BALIMB | Indicative | 24/07/2021      | 26/07/2021 17:00      | 26/07/2021 14:58       |
| 26/07/2021          | BALIMB | Indicative | 25/07/2021      | 26/07/2021 17:00      | 26/07/2021 15:48       |
| 27/07/2021          | BALIMB | Indicative | 26/07/2021      | 27/07/2021 17:00      | 27/07/2021 15:53       |
| 28/07/2021          | BALIMB | Indicative | 27/07/2021      | 28/07/2021 17:00      | 28/07/2021 16:12       |
| 29/07/2021          | BALIMB | Indicative | 28/07/2021      | 29/07/2021 17:00      | 29/07/2021 16:04       |
| 30/07/2021          | BALIMB | Indicative | 29/07/2021      | 30/07/2021 17:00      | 30/07/2021 15:54       |
| 03/08/2021          | BALIMB | Indicative | 30/07/2021      | 03/08/2021 17:00      | 03/08/2021 09:12       |
| 03/08/2021          | BALIMB | Indicative | 31/07/2021      | 03/08/2021 17:00      | 03/08/2021 09:16       |

Table 21 – Indicative Settlement Publication time

## **Initial Settlement**

| Operational<br>Date | Market | Run     | Period End Date | Target Date &<br>Time | Publish Date &<br>Time |
|---------------------|--------|---------|-----------------|-----------------------|------------------------|
| 08/07/2021          | BALIMB | Initial | 01/07/2021      | 08/07/2021 12:00      | 08/07/2021 11:10       |
| 09/07/2021          | BALIMB | Initial | 02/07/2021      | 09/07/2021 12:00      | 08/07/2021 15:38       |
| 09/07/2021          | BALIMB | Initial | 03/07/2021      | 09/07/2021 12:00      | 08/07/2021 16:21       |
| 09/07/2021          | BALIMB | Initial | 04/07/2021      | 09/07/2021 12:00      | 09/07/2021 11:09       |
| 13/07/2021          | BALIMB | Initial | 05/07/2021      | 13/07/2021 12:00      | 13/07/2021 11:00       |
| 14/07/2021          | BALIMB | Initial | 06/07/2021      | 13/07/2021 12:00      | 13/07/2021 11:19       |
| 15/07/2021          | BALIMB | Initial | 07/07/2021      | 14/07/2021 12:00      | 15/07/2021 11:00       |
| 16/07/2021          | BALIMB | Initial | 08/07/2021      | 15/07/2021 12:00      | 15/07/2021 11:17       |
| 19/07/2021          | BALIMB | Initial | 09/07/2021      | 16/07/2021 12:00      | 15/07/2021 15:57       |
| 19/07/2021          | BALIMB | Initial | 10/07/2021      | 16/07/2021 12:00      | 15/07/2021 16:16       |
| 19/07/2021          | BALIMB | Initial | 11/07/2021      | 16/07/2021 12:00      | 16/07/2021 11:36       |
| 19/07/2021          | BALIMB | Initial | 12/07/2021      | 19/07/2021 12:00      | 19/07/2021 11:00       |
| 20/07/2021          | BALIMB | Initial | 13/07/2021      | 20/07/2021 12:00      | 20/07/2021 11:33       |
| 21/07/2021          | BALIMB | Initial | 14/07/2021      | 21/07/2021 12:00      | 21/07/2021 11:00       |
| 22/07/2021          | BALIMB | Initial | 15/07/2021      | 22/07/2021 12:00      | 22/07/2021 11:03       |
| 23/07/2021          | BALIMB | Initial | 16/07/2021      | 23/07/2021 12:00      | 22/07/2021 16:00       |
| 23/07/2021          | BALIMB | Initial | 17/07/2021      | 23/07/2021 12:00      | 22/07/2021 16:51       |
| 23/07/2021          | BALIMB | Initial | 18/07/2021      | 23/07/2021 12:00      | 23/07/2021 11:10       |
| 26/07/2021          | BALIMB | Initial | 19/07/2021      | 26/07/2021 12:00      | 26/07/2021 11:17       |
| 27/07/2021          | BALIMB | Initial | 20/07/2021      | 27/07/2021 12:00      | 27/07/2021 11:41       |
| 28/07/2021          | BALIMB | Initial | 21/07/2021      | 28/07/2021 12:00      | 28/07/2021 11:02       |
| 29/07/2021          | BALIMB | Initial | 22/07/2021      | 29/07/2021 12:00      | 29/07/2021 11:01       |
| 30/07/2021          | BALIMB | Initial | 23/07/2021      | 30/07/2021 12:00      | 29/07/2021 15:31       |
| 30/07/2021          | BALIMB | Initial | 24/07/2021      | 30/07/2021 12:00      | 29/07/2021 15:46       |
| 30/07/2021          | BALIMB | Initial | 25/07/2021      | 30/07/2021 12:00      | 30/07/2021 11:01       |
| 03/08/2021          | BALIMB | Initial | 26/07/2021      | 03/08/2021 12:00      | 03/08/2021 11:07       |
| 03/08/2021          | BALIMB | Initial | 27/07/2021      | 03/08/2021 12:00      | 03/08/2021 11:20       |
| 04/08/2021          | BALIMB | Initial | 28/07/2021      | 04/08/2021 12:00      | 04/08/2021 11:24       |
| 05/08/2021          | BALIMB | Initial | 29/07/2021      | 05/08/2021 12:00      | 05/08/2021 11:31       |
| 06/08/2021          | BALIMB | Initial | 30/07/2021      | 06/08/2021 12:00      | 05/08/2021 16:48       |
| 06/08/2021          | BALIMB | Initial | 31/07/2021      | 06/08/2021 12:00      | 06/08/2021 13:15       |

Table 22 – Initial Settlement Publication times

## 12 Appendix D: List of Queries by Type

| Date Sent  | Due Date   | Query Ref No. | Charge Component |  |  |
|------------|------------|---------------|------------------|--|--|
| 01/07/2021 | 30/07/2021 | #4582         | ССР              |  |  |
| 05/07/2021 | 04/08/2021 | #4607         | CFC              |  |  |
| 16/07/2021 | 16/08/2021 | #4678         | CUNIMB           |  |  |
| 23/07/2021 | 23/08/2021 | #4699         | CPREMIUM         |  |  |
|            |            |               |                  |  |  |

Table 23 - Upheld Queries

| Date Sent  | Due Date   | Query Ref No | . Charge Component |
|------------|------------|--------------|--------------------|
|            |            |              |                    |
| 05/07/2021 | 04/08/2021 | #4609        | CCP                |
| 14/07/2021 | 12/08/2021 | #4668        | CUNIMB             |
| 20/07/2021 | 18/08/2021 | #4691        | CDISCOUNT          |
| 22/07/2021 | 20/08/2021 | #4696        | CCURL              |
| 23/07/2021 | 23/08/2021 | #4700        | CUNIMB             |
| 23/07/2021 | 23/08/2021 | #4701        | CFC                |
| 23/07/2021 | 23/08/2021 | #4702        | CFC                |
| 23/07/2021 | 23/08/2021 | #4703        | CFC                |
| 23/07/2021 | 23/08/2021 | #4704        | CDISCOUNT          |
| 29/07/2021 | 27/08/2021 | #4730        | CUNIMB             |
|            |            |              |                    |

Table 24 - Unresolved Formal Queries