Market Operator's Performance Report

June 2020

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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 June 2020 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 June 2020:

- There were 10 late publications of Indicative and Initial Settlement runs as per the Trading and Settlement Code timelines
- 7 out of 8 Settlement Documents issued on time
- KIR ID #176,093 : IP Timeout issue had an impact on settlement publication timelines for June 2020.
- There were 8 payment defaults by Participants
- There was no new units registered in the market and no new parties joined the market
- There were no Credit default by Participants as per the Trading and Settlement code timelines
- 200 general queries were received and 229 general queries were resolved, with 47 in progress

SEMO welcomes all comments on the contents of this report. Comments should be sent preferably in email format to info@sem-o.com. 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 June and 30 June 2020.

No new **Units** went effective in the Market between 01 June and 30 June 2020.

There were no **Units** de-registered from the Market between 01 June and 30 June 2020.

1.1 Termination of Participants

There were no terminating parties in June 2020.

1.2 Suspension of Participants

No Suspension Orders were issued by the Market Operator in June 2020.

2 Trading and Settlement Code Breaches

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

Trading and Settlement Code Breaches			
Area		**Major**	**Minor**
Data Providers		-	2
Market Participants	Clearing	8	-
	Credit Risk Management	0	-
Market Operator	Balancing Market Settlement	1	10
	Clearing	-	-
	Credit Risk Management	-	-
	Other	-	-
Total		**9**	**12**

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

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 01/06/2020 – 30/06/2020		
	Indicative	Initial
On Time	21	29
Same Day Late	2	1
> 1 Day Late	7	0
Total runs	**30**	**30**

Table 2 - Settlement Runs completed 01/06/2020 - 30/06/2020

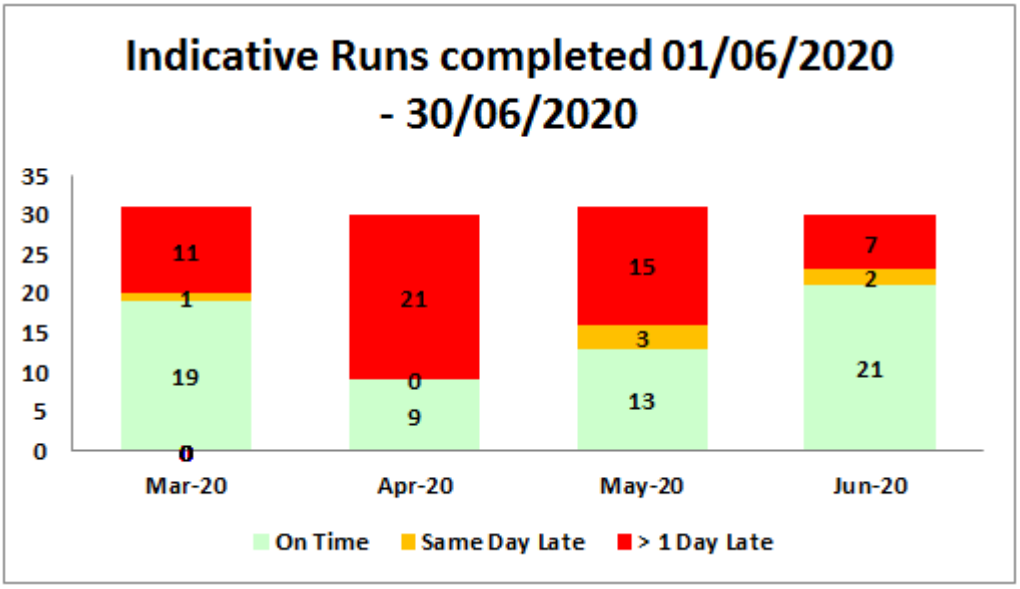

Figure 1 Indicative Settlement Runs Completed

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

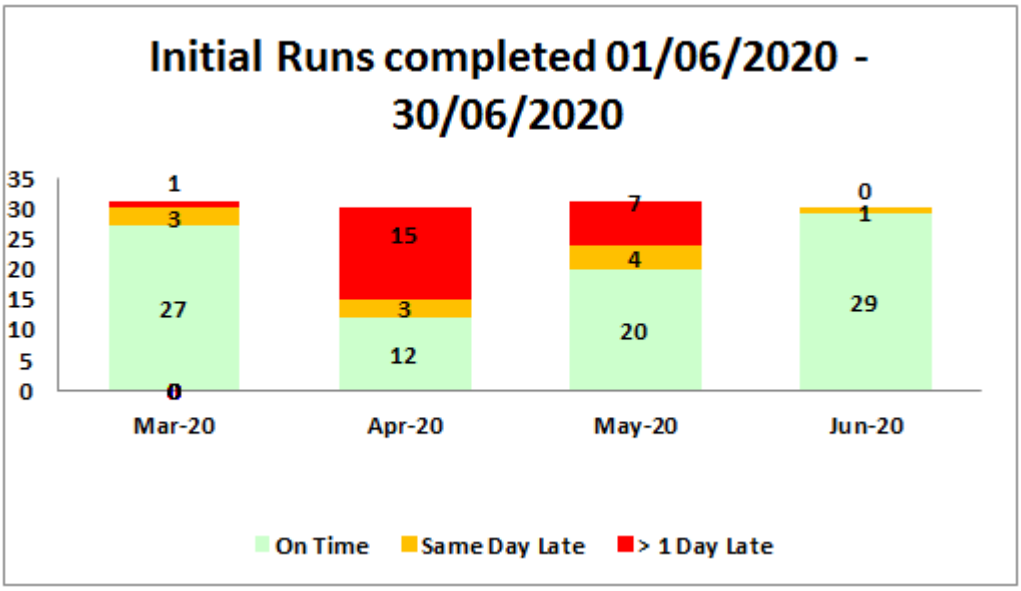

Figure 2 Initial Settlement Runs Completed

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 01/06/2020 - 30/06/2020	
	No. of Weeks
On Time	7
Same Day Late	0
> 1 Day Late	1
Total runs	**8**

Table 3 - Settlement Documents completed 01/06/2020 - 30/06/2020

***Up to 2 Settlement Documents issued per week due to KIR #6148**

3.3 M+4 and M+13 Resettlement

M+4 Resettlement processing occurred during each week for the month of June 2020.

Four weeks of M13 were published in June 2020. There were some follow on issues with ACTA data towards the end of the month (KIR ID #177409) that have impacted M13 processing into July 2020.

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 June 2020 to 30 June 2020.

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

Balancing Market Cash Flow Position		
Component	**Component Name**	**€ Payment/Charge**
CDISCOUNT	Discount Payment	12,047,348
CPREMIUM	Premium Payment	10,687,242
CIMB	Imbalance Payment or Charge	1,717,797
CFC	Fixed Cost Payment or Charge	427,695
CTEST	Testing Charge	-2,985
CABBPO	Bid Price Only Accepted Bid Payment or Charge	-12,483
CDIFFCWD	Within-day Difference Charge	-17,624
CCA	Currency Adjustment Charge	-37,541
CAOOPO	Offer Price Only Accepted Offer Payment or Charge	-40,904
CCURL	Curtailment Payment or Charge	-95,815
CUNIMB	Uninstructed Imbalance Charge	-99,078
CSOCDIFFP	Difference Payment Socialisation Charge	-269,016
CREV	Residual Error Volume Charge	-1,540,499
CIMP	Imperfections Charge	-26,093,244
Total		**-3,329,107**

Table 4 - 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/Charge**
CCP	Fixed Market Operator Charge Generator Units	28,262,513
CCC	Fixed Market Operator Charge Supplier Units	-24,480,849
Total		**3,781,664**

Table 5 - 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**
CMOAV	Fixed Market Operator Charge Supplier Units	-1,531
CMOAU	Fixed Market Operator Charge Generator Units	-58,910
CVMO	Variable Market Operator Charge	-974,205
Total		**-1,034,645**

Table 6 - Market Operator Charges

4.2 Financial Changes between Initial Settlement and Subsequent Reruns

During the month of June 2020:

- M+4 Resettlement has been completed for Settlement Dates 22/12/2019 to 22/02/2020.
- M+13 Resettlement has been completed for Settlement Dates 27/01/2019 to 23/02/2019.

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

Balancing Market Resettlement	
Component	**Difference**
CFC	€2,237,663
CDISCOUNT	€383,663
CUNIMB	€345,371
CIMB	€43,036
CSOCDIFFP	€3,081
CCURL	€2,648
CDIFFCNP	€0
CDIFFPIMB	€0
CTEST	€0
CCA	-€16
CDIFFCWD	-€193
CABBPO	-€3,772
CREV	-€15,612
CIMP	-€47,456
CPREMIUM	-€144,361
CAOOPO	-€202,669
Total	**€2,601,383**

Table 7 - Balancing Market Resettlement

Capacity Market Resettlement	
Component	**Difference**
CCP	€37,816
CCC	€195,589
Total	**€233,405**

Table 8 - Capacity Market Resettlement

Market Operator Charges Resettlement	
Component	**Difference**
CMOAU	€190,933
CMOAV	€5,010
CVMO	€353
Total	**€196,296**

Table 9 - 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 10 - Helpdesk Query Statistics cover the month of June 2020.

Received	Resolved	Open
200	229	47

Table 10 – Helpdesk Query Statistics

The average resolution time for queries in June 2020 was 11.9 working days.

Definitions

- Resolved refers to queries resolved within June 2020, 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 June 2020.
- Open refers to queries raised but not resolved as of 30th of June 2020.

5.2 Settlement Queries

There were 17 Formal Settlement queries raised in June 2020.

3 have been upheld and 14 are unresolved at this time and are currently under investigation.

Topic (upheld Queries)	Number of Queries
CUNIMB	12
CIMB	4
CDIFFCDA	1

Table 11 – 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 June 2020 can be found in **Appendix D.**

5.3 Disputes

No Disputes have been raised in the month of June 2020.

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 3 below shows the Imbalance Settlement Prices for June 2020. 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 June was €32.16.

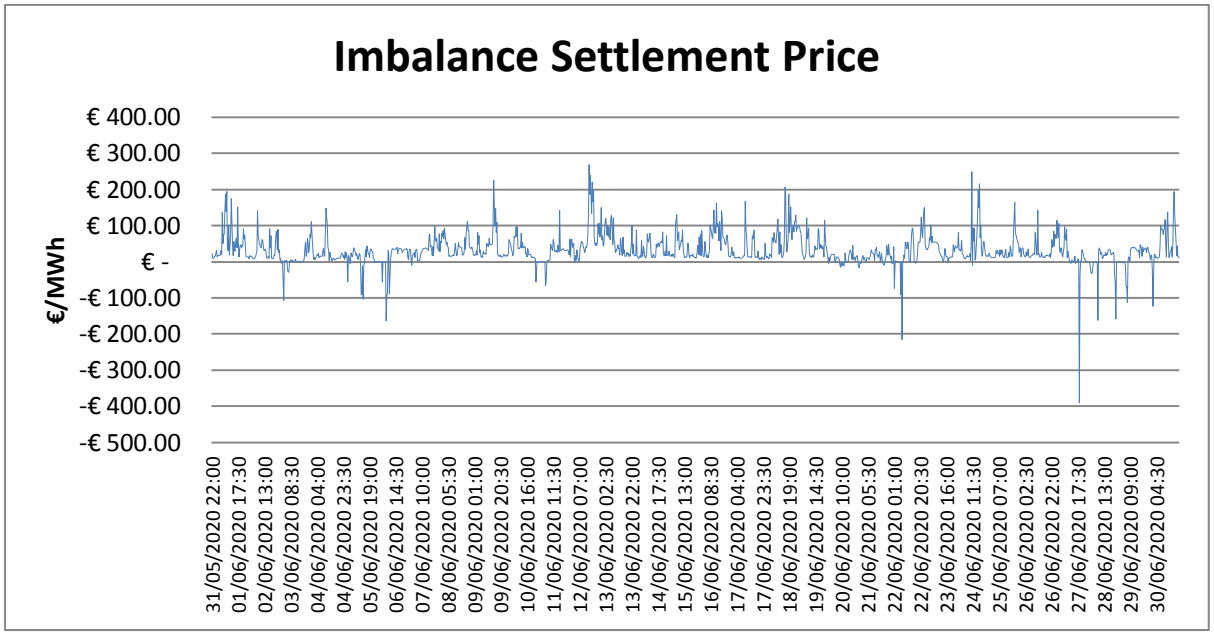

Figure 3 – Imbalance Settlement Price

Figure 4 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.

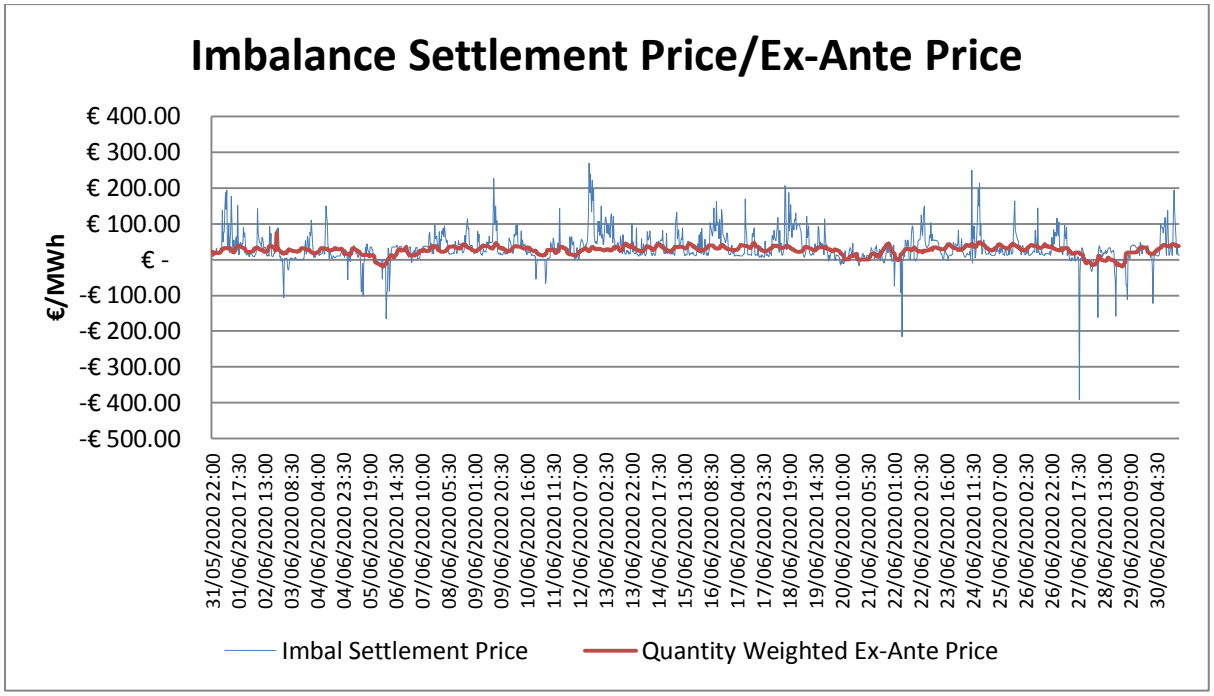

Figure 4 – Imbalance Settlement Price & Quantity Weighted Ex-Ante Price Comparison

Figure 5 below highlights the monthly Highest, Lowest and Average half-hour Imbalance Prices for the period June 2020.

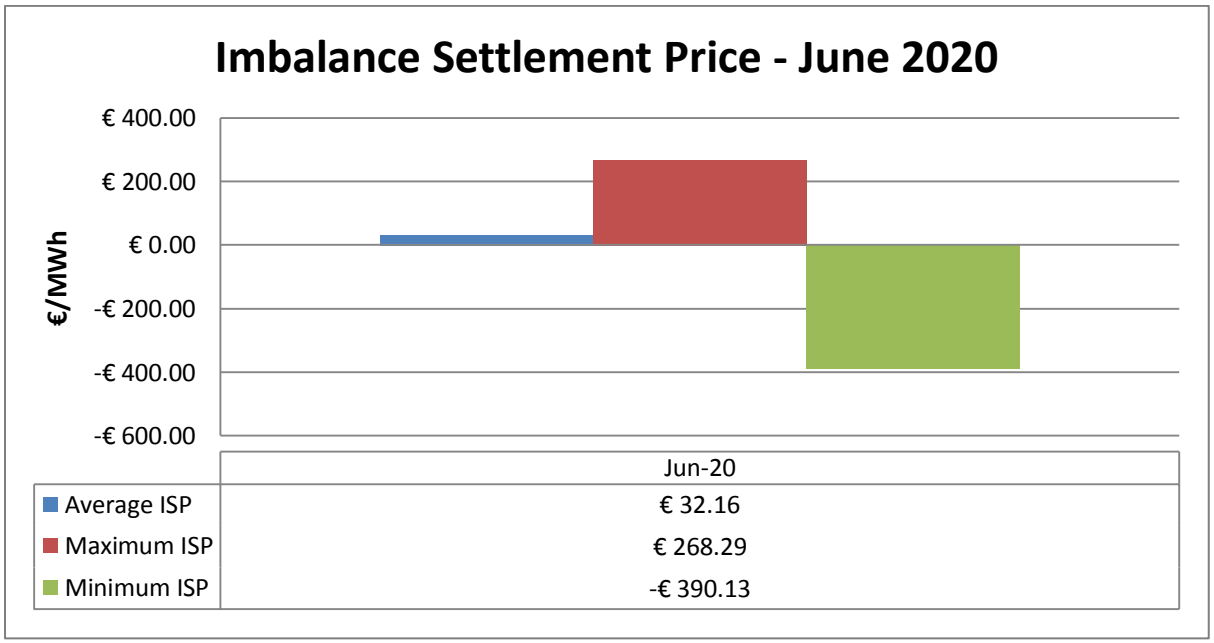

Figure 5 – Highest, Lowest and Average Imbalance Prices

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 6**.

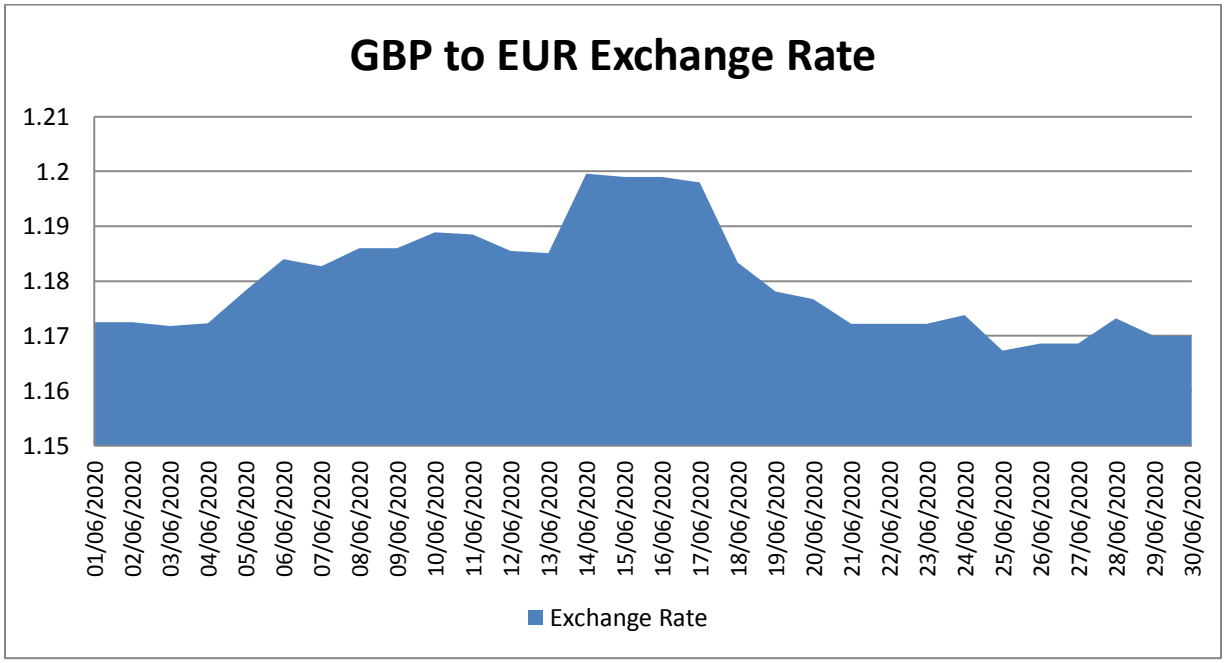

Figure 6 – GBP to EUR Exchange Rate

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 6 Market Back Up Prices published as a result of 20 missed Imbalance Prices[1].

[1] 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.

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 1st June 2020 and 30th June 2020. Table 12 shows the dates and number of Modifications Committee Meetings and Working Groups that took place over this period.

Meeting	Date	Location
Modifications Committee Meeting 99	18th June 2020	Conference Call

Table 12: Balancing Market: Trading & Settlement Code Modifications Committee Meetings

At the Modifications Committee Meeting, decisions are made with regard to progressing various Modification Proposals. Table 13 gives an outline of the amount of activity that has taken place over this period.

Modification Proposal Activity	Total
Raised	1
Alternative Versions raised	1
Withdrawn	1
Deferred	3
Extension Granted	0
Recommended for Approval	2
Recommended for Rejection	0
Further Work Required	0
RA Decision Approved	0
RA Decision Rejected	0

Table 13 - 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 17).

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

Recommended for Approval

- Mod_01_20 PMEA No Energy Action Same Direction as NIV
- Mod_04_20 Voting clarification and additional transparency

Withdrawn

- Mod_07_20 Balancing Modifications Committee Composition and constitution definitions

8 Central Systems

8.1 System Releases

There were no System Releases in June.

8.2 System Availability

The table below gives the system availability values for the month of June 2020.

System / Application	Annual Availability %
Settlements (CSB)	100%
MI	100%
MA	100%
Reporting	100%
Website	100%
Average System Availability	**100%**

Table 14 - Monthly Availability

8.3 Known Issues Report

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

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

There were no LCFs during the month of June 2020.

There was no GCF during the month of June 2020.

There were no GSFs during the month of June 2020.

9 Appendix A: Trading and Settlement Code Breaches

Meter Data Provider Breaches

Ops Date Identified	Run Type	Issue	IDP Provid	Issue Type	Description	T&SC Breach	Status
04/06/2020	D+1	Timing	MRSO	File submission of Metering data	Delay of 5 mins	Minor	Closed
21/06/2020	D+1	Timing	MRSO	File submission of Metering data	Delay of 124 mins	Minor	Closed

Table 15 - Meter data provider breaches

Market Participant Breaches

PT name	Invoiced period	Market	Default issued due to	Default letter issued	T & SC Breach	Status
Energi Danmark A/S	WK_20_2020	BMCRM	Timing	Yes	Major	Closed
Energi Danmark A/S	WK_21_2020	BMCRM	Timing	Yes	Major	Closed
Glow Power Limited	WK_22_2020	BMCRM	Timing	Yes	Major	Closed
IBERDROLA IRELAND LIMITED	WK_22_2020	BMCRM	Timing	Yes	Major	Closed
Gruig Wind Farm Limited	RS25012020	BMCRM	Timing	Yes	Major	Closed
Endeco - Wirelite Sensors Limited	WK_23_2020	BMCRM	Timing	Yes	Major	Closed
Crighshane Wind Farm Limited	WK_23_2020	BMCRM	Timing	Yes	Major	Closed
Dan Twomey Waterpower Engineering Limited.	RS31012020	MO	Timing	Yes	Major	Closed

Table 16 - Clearing Default Notices

Market Operator Breaches

Ops Date Identified	Periods affected	Run Type	Quality or Timing	Party	Issue Type	Description	Cause	Resolution	T&SC Breach	Status
5th - 7th, 11th, 28th & 29th	6	Indicative	Timing	SEMO	KIR 176093	IP Timeout Limit Issue	Can cause delays to daily Indicative & Initial settlement publication timelines	Software Update from vendor - deployed on 7th June.	Minor	Closed
14th	1	Indicative	Timing	SEMO	Processing Issue	Processing delayed	Processing catch up from weekend backlog	Processing backlog worked through	Minor	Closed
16th	1	Indicative	Timing	SEMO	Processing Issue	System Constraints	Processing delayed due to competing processes	Processing continued	Minor	Closed
21st	1	Indicative	Timing	SEMO	Late MDP data	Indicative runs were published late **after** target day due to a delay with MDP data	MRSO MDP data provided late	Data received and processing continued	Minor	Closed

Table 17 – Delays to Indicative Settlement

Ops Date Identified	Periods affected	Run Type	Quality or Timing	Party	Issue Type	Description	Cause	Resolution	T&SC Breach	Status
16th	1	Initial	Timing	SEMO	Processing Issue	Financial analysis	Additional financial analysis required	Additional financial analysis carried out & processing continued	Minor	Closed

Table 18 – Delays to Initial Settlement

Ops Date Identified	Documents affected	Run Type	Quality or Timing	Party	Issue Type	Description	Cause	Resolution	T&SC Breach	Status
12/06/2020	1	Settlement Document	Timing	SEMO	KIR #155,031	Due to KIR 6148, two Settlement Documents are required to be created when there are more than four billing periods to be published. The second Settlement Document can take up to 90 minutes of processing time to create. This should take 10 minutes similar to the creation timing of the first Settlement Document.	This known issue creates a risk that settlement documents could be delayed beyond 12 noon due to the requirement for two settlement documents (KIR 6148), and the duration it takes for the second settlement document to be created (#155031)	Software Update from Vendor required.	Major	Closed

Table 19 – Delays to Settlement Document

10 Appendix B: Historical Settlement Information

Settlements : July 2019 data key process updates

Settlement Dates	Run Category	Run Type	Runs to complete	On Time	Delayed – Same Day publication	Delayed > 1 Day
1st – 31st	Settlements	Indicative	31	17	4	10
1st – 31st	Settlements	Initial	31	29	2	-
Sep 30th 2018 – Oct 27th 2018	M+4 Resettlement	Weekly	28	28	-	-
1st – 31st	Credit Reports	Daily	66	66	-	-
1st – 31st	Payments In	Weekly	4	4	-	-
1st – 31st	Payments Out	Weekly	4	4	-	-
1st-31st	Settlement Documents	Weekly	4	4		

Figure 7 - Settlement Information July 2019

Settlements : August 2019 data key process updates

Settlement Dates	Run Category	Run Type	Runs to complete	On Time	Delayed – Same Day publication	Delayed > 1 Day
1st – 31st	Settlements	Indicative	31	19	3	8
1st – 31st	Settlements	Initial	31	28	3	-
Oct 28th 2018 – Dec 1st 2018	M+4 Resettlement	Weekly	28	28	-	-
1st – 31st	Credit Reports	Daily	66	66	-	-
1st – 31st	Payments In	Weekly	4	4	-	-
1st – 31st	Payments Out	Weekly	4	4	-	-
1st – 31st	Settlement Documents	Weekly	4	4		

Figure 8 - Settlement Information August 2019

Settlements : Sep 2019 data process updates

Settlement Dates	Run Category	Run Type	Runs to complete	On Time	Delayed – Same Day publication	Delayed > 1 Day
1st – 30th	Settlements	Indicative	30	10	9	11
1st – 30th	Settlements	Initial	30	17	6	7
Dec 2nd 2018 – Dec 29th 2018	M+4 Resettlement	Weekly	28	28	-	-
1st – 30th	Credit Reports	Daily	66	66	-	-
1st – 30th	Payments In	Weekly	4	4	-	-
1st – 30th	Payments Out	Weekly	4	4	-	-
Aug 25th – Sep 21st	Settlement Documents	Weekly	4	1	2	1

Figure 9 - Settlement Information September 2019

Settlements : Oct 2019 data process updates

Settlement Dates	Run Category	Run Type	Runs to complete	On Time	Delayed – Same Day publication	Delayed > 1 Day
1st – 31st	Settlements	Indicative	31	12	-	19
1st – 31st	Settlements	Initial	31	18	4	9
6th Jan 2019 – 2nd Feb 2019	M+4 Resettlement	Weekly	28	28	-	-
1st – 31st	Credit Reports	Daily	66	66	-	-
1st – 31st	Payments In	Weekly	4	3	-	-
1st – 31st	Payments Out	Weekly	4	4	-	-
Sep 22nd – Oct 19th	Settlement Documents	Weekly	4	3	-	1

Figure 10 - Settlement Information October 2019

Settlements : Nov 2019 data process updates

Settlement Dates	Run Category	Run Type	Runs to complete	On Time	Delayed – Same Day publication	Delayed > 1 Day
1st – 30th	Settlements	Indicative	30	6	5	19
1st – 30th	Settlements	Initial	30	25	3	2
3rd Feb 2019 – 9th Mar	M+4 Resettlement	Weekly	28	28	-	-
30th Sep – 19th Oct 2018	M+13 Resettlement	Weekly	28	28	-	-
1st – 30th	Credit Reports	Daily	66	66	-	-
1st – 30th	Payments In	Weekly	4	4	-	-
1st – 30th	Payments Out	Weekly	4	4	-	-
Oct 20th – Nov 23rd	Settlement Documents	Weekly	4	4	-	-

Figure 11 - Settlement Information November 2019

Settlements : Dec 2019 data process updates

Settlement Dates	Run Category	Run Type	Runs to complete	On Time	Delayed – Same Day publication	Delayed > 1 Day
1st – 31st	Settlements	Indicative	31	20	2	9
1st – 31st	Settlements	Initial	31	27	3	1
10th Mar – 30th Mar	M+4 Resettlement	Weekly	21	21	-	-
21st Oct 2018 – 11th Nov 2018	M+13 Resettlement	Weekly	21	14	-	1
1st – 31st	Credit Reports	Daily	46	45	-	1
1st – 31st	Payments In	Weekly	4	4	-	-
1st – 31st	Payments Out	Weekly	4	4	-	-
Nov 24th – Dec 14th	Settlement Documents	Weekly	3	3	-	-

Figure 12 - Settlement Information December 2019

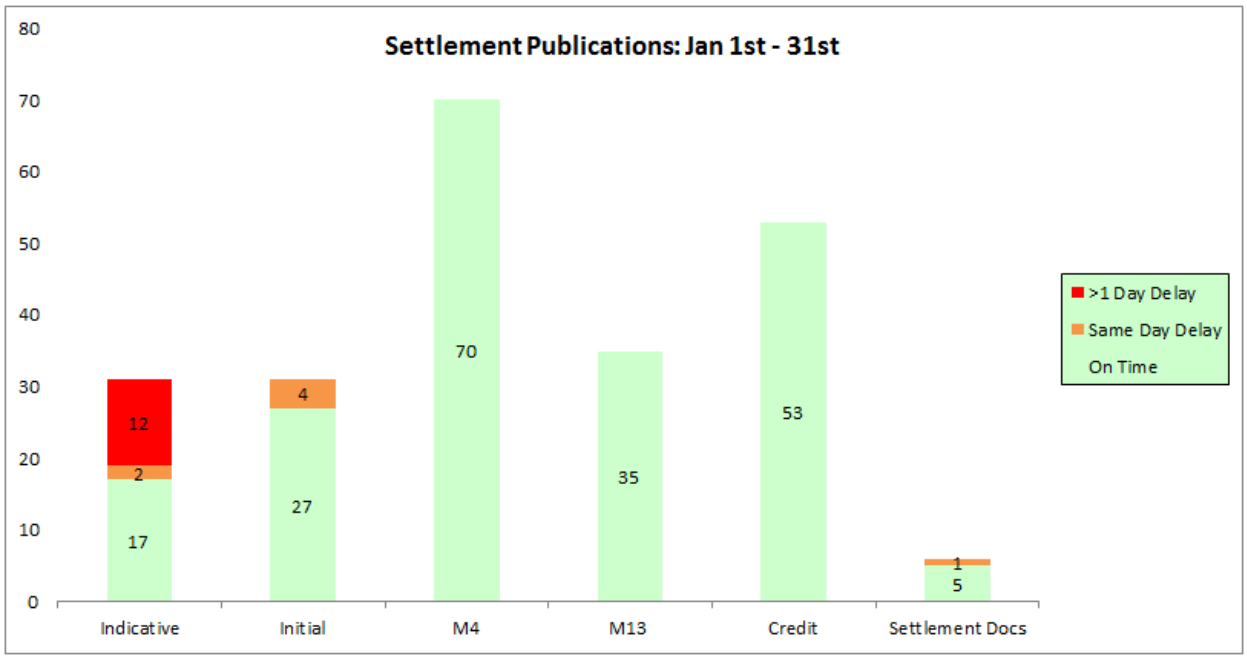

Figure 13 - Settlement Information January 2020*

**The above graph in Figure 13 for Feb 2020 data represents similar data content to that outlined in tabular format for Figures 7-12*

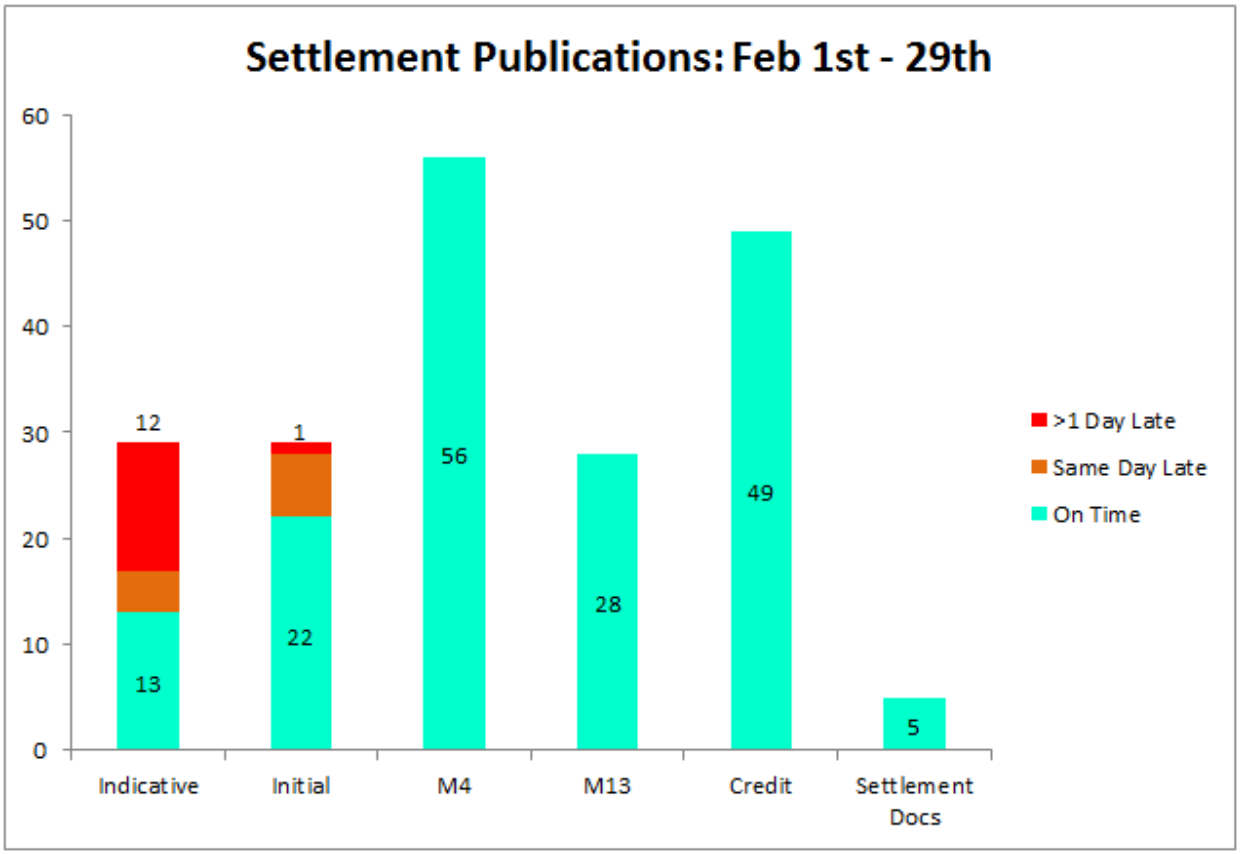

Figure 14 - Settlement Information February 2020

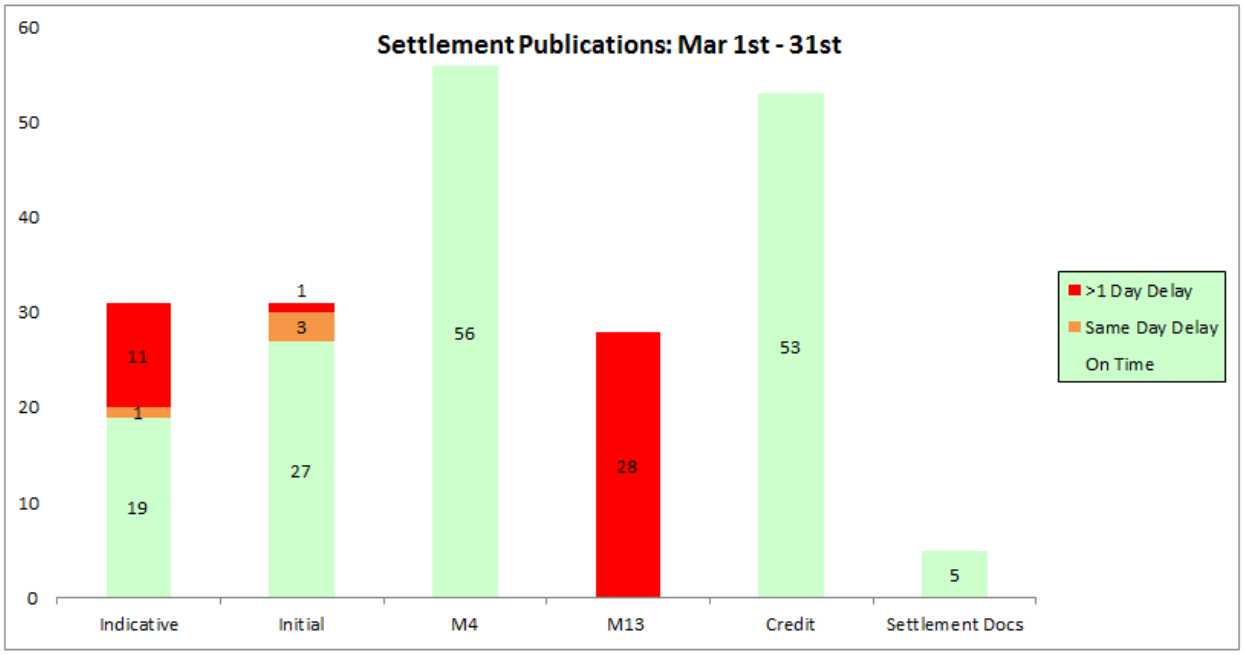

Figure 15 - Settlement Information March 2020

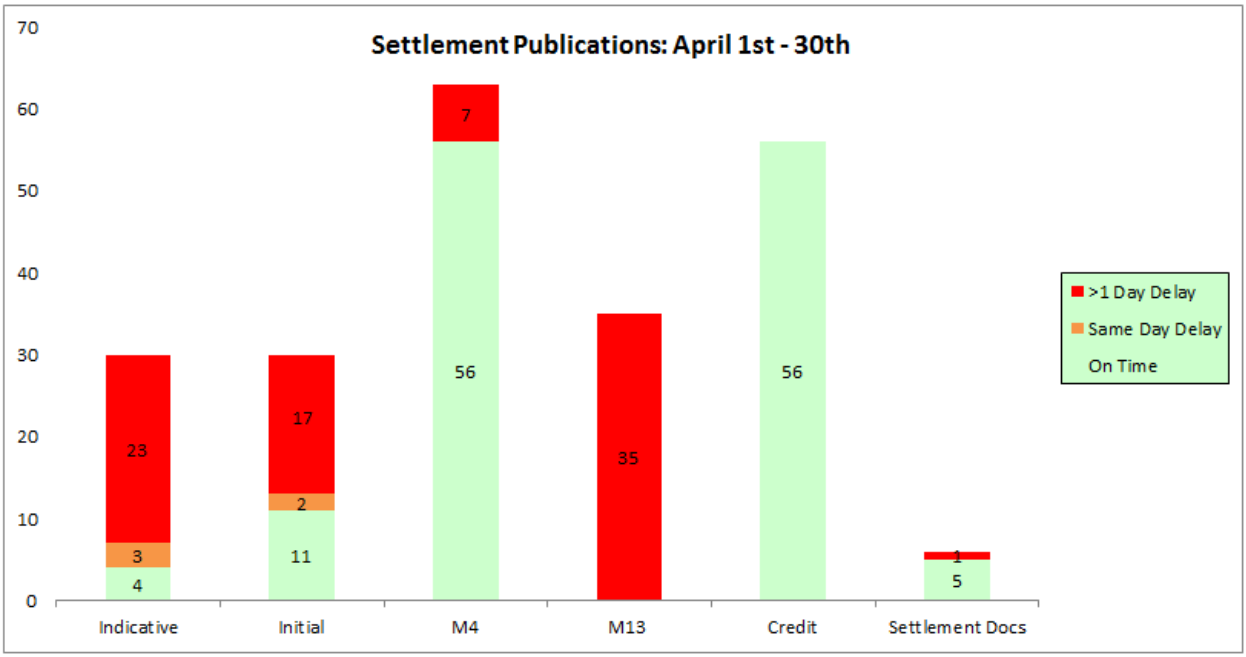

Figure 16 – Settlement Information April 2020

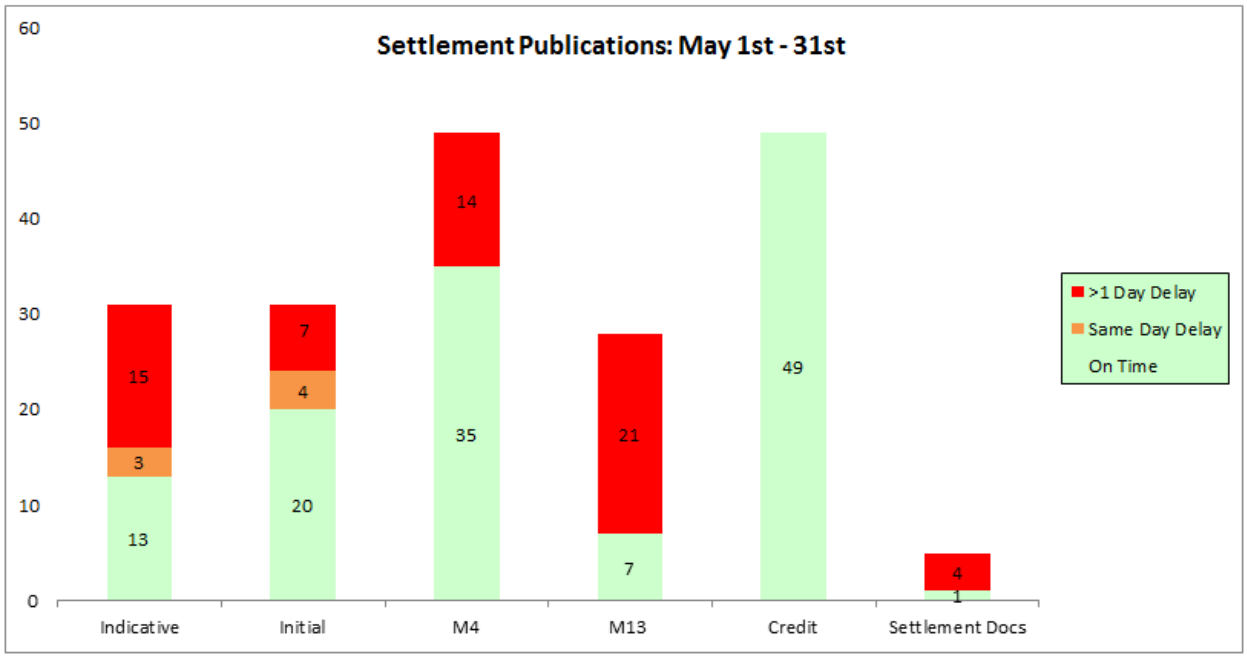

Figure 17 – Settlement Information May 2020

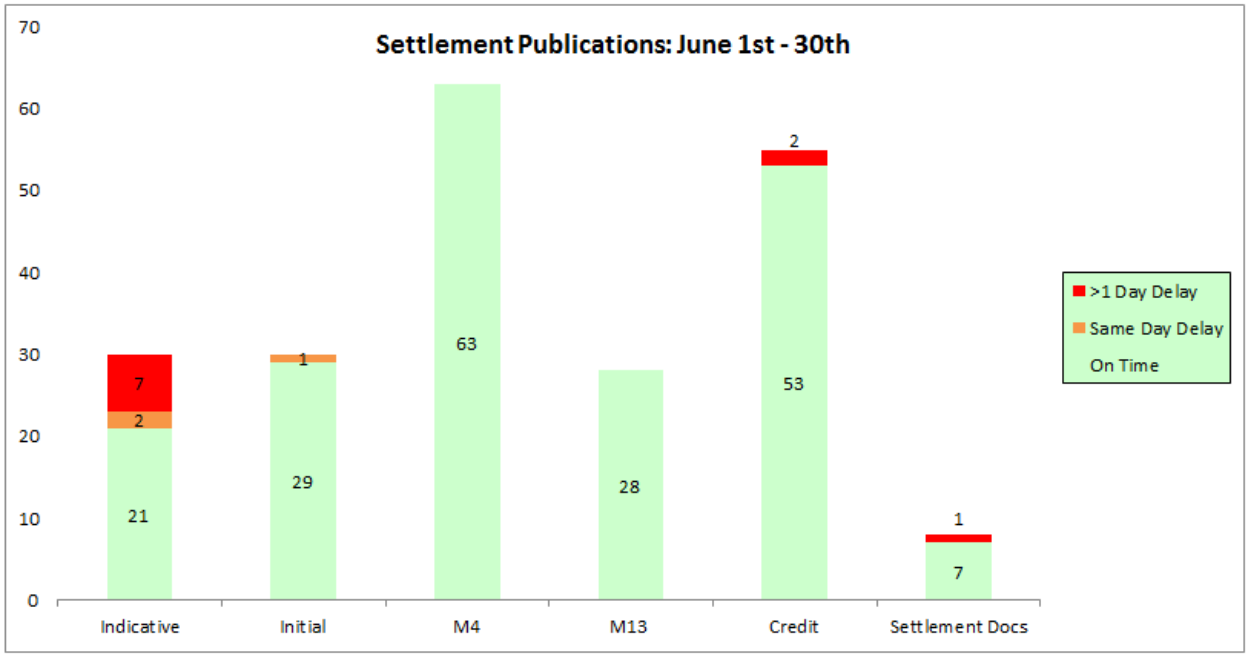

Figure 18 – Settlement Information June 2020

11 Appendix C: Settlement Publication Timings

Indicative Settlement

Operational Date	Market	Run	Period End Date	Target Date & Time	Publish Date & Time
02/06/2020	BALIMB	Indicative	01/06/2020	02/06/2020 17:00	02/06/2020 16:11
03/06/2020	BALIMB	Indicative	02/06/2020	03/06/2020 17:00	03/06/2020 16:37
04/06/2020	BALIMB	Indicative	03/06/2020	04/06/2020 17:00	04/06/2020 16:47
05/06/2020	BALIMB	Indicative	04/06/2020	05/06/2020 17:00	05/06/2020 16:22
08/06/2020	BALIMB	Indicative	05/06/2020	08/06/2020 17:00	09/06/2020 09:58
08/06/2020	BALIMB	Indicative	06/06/2020	08/06/2020 17:00	09/06/2020 10:04
08/06/2020	BALIMB	Indicative	07/06/2020	08/06/2020 17:00	09/06/2020 10:45
09/06/2020	BALIMB	Indicative	08/06/2020	09/06/2020 17:00	09/06/2020 16:44
10/06/2020	BALIMB	Indicative	09/06/2020	10/06/2020 17:00	10/06/2020 16:31
11/06/2020	BALIMB	Indicative	10/06/2020	11/06/2020 17:00	11/06/2020 16:49
12/06/2020	BALIMB	Indicative	11/06/2020	12/06/2020 17:00	15/06/2020 09:39
15/06/2020	BALIMB	Indicative	12/06/2020	15/06/2020 17:00	15/06/2020 16:23
15/06/2020	BALIMB	Indicative	13/06/2020	15/06/2020 17:00	15/06/2020 16:44
15/06/2020	BALIMB	Indicative	14/06/2020	15/06/2020 17:00	15/06/2020 17:12
16/06/2020	BALIMB	Indicative	15/06/2020	16/06/2020 17:00	16/06/2020 16:10
17/06/2020	BALIMB	Indicative	16/06/2020	17/06/2020 17:00	17/06/2020 17:12
18/06/2020	BALIMB	Indicative	17/06/2020	18/06/2020 17:00	18/06/2020 16:42
19/06/2020	BALIMB	Indicative	18/06/2020	19/06/2020 17:00	19/06/2020 16:40
22/06/2020	BALIMB	Indicative	19/06/2020	22/06/2020 17:00	22/06/2020 15:30
22/06/2020	BALIMB	Indicative	20/06/2020	22/06/2020 17:00	22/06/2020 15:56
22/06/2020	BALIMB	Indicative	21/06/2020	22/06/2020 17:00	23/06/2020 09:06
23/06/2020	BALIMB	Indicative	22/06/2020	23/06/2020 17:00	23/06/2020 16:35
24/06/2020	BALIMB	Indicative	23/06/2020	24/06/2020 17:00	24/06/2020 16:31
25/06/2020	BALIMB	Indicative	24/06/2020	25/06/2020 17:00	25/06/2020 16:53
26/06/2020	BALIMB	Indicative	25/06/2020	26/06/2020 17:00	26/06/2020 16:34
29/06/2020	BALIMB	Indicative	26/06/2020	29/06/2020 17:00	29/06/2020 16:18
29/06/2020	BALIMB	Indicative	27/06/2020	29/06/2020 17:00	29/06/2020 16:31
29/06/2020	BALIMB	Indicative	28/06/2020	29/06/2020 17:00	30/06/2020 09:29
30/06/2020	BALIMB	Indicative	29/06/2020	30/06/2020 17:00	01/07/2020 11:03
01/07/2020	BALIMB	Indicative	30/06/2020	01/07/2020 17:00	01/07/2020 16:39

Table 20 – Indicative Settlement Publication times

Initial Settlement

Operational Date	Market	Run	Period End Date	Target Date & Time	Publish Date & Time
08/06/2020	BALIMB	Initial	01/06/2020	08/06/2020 12:00	08/06/2020 11:28
09/06/2020	BALIMB	Initial	02/06/2020	09/06/2020 12:00	09/06/2020 11:24
10/06/2020	BALIMB	Initial	03/06/2020	10/06/2020 12:00	10/06/2020 11:07
11/06/2020	BALIMB	Initial	04/06/2020	11/06/2020 12:00	11/06/2020 11:02
12/06/2020	BALIMB	Initial	05/06/2020	12/06/2020 12:00	12/06/2020 09:22
12/06/2020	BALIMB	Initial	06/06/2020	12/06/2020 12:00	12/06/2020 09:26
12/06/2020	BALIMB	Initial	07/06/2020	12/06/2020 12:00	12/06/2020 11:49
15/06/2020	BALIMB	Initial	08/06/2020	15/06/2020 12:00	15/06/2020 11:53
16/06/2020	BALIMB	Initial	09/06/2020	16/06/2020 12:00	16/06/2020 11:01
17/06/2020	BALIMB	Initial	10/06/2020	17/06/2020 12:00	17/06/2020 11:02
18/06/2020	BALIMB	Initial	11/06/2020	18/06/2020 12:00	18/06/2020 11:05
19/06/2020	BALIMB	Initial	12/06/2020	19/06/2020 12:00	19/06/2020 08:41
19/06/2020	BALIMB	Initial	13/06/2020	19/06/2020 12:00	19/06/2020 08:46
19/06/2020	BALIMB	Initial	14/06/2020	19/06/2020 12:00	19/06/2020 11:01
22/06/2020	BALIMB	Initial	15/06/2020	22/06/2020 12:00	22/06/2020 11:01
23/06/2020	BALIMB	Initial	16/06/2020	23/06/2020 12:00	23/06/2020 16:35
24/06/2020	BALIMB	Initial	17/06/2020	24/06/2020 12:00	24/06/2020 11:02
25/06/2020	BALIMB	Initial	18/06/2020	25/06/2020 12:00	25/06/2020 10:06
26/06/2020	BALIMB	Initial	19/06/2020	26/06/2020 12:00	25/06/2020 16:17
26/06/2020	BALIMB	Initial	20/06/2020	26/06/2020 12:00	25/06/2020 16:34
26/06/2020	BALIMB	Initial	21/06/2020	26/06/2020 12:00	26/06/2020 11:01
29/06/2020	BALIMB	Initial	22/06/2020	29/06/2020 12:00	29/06/2020 11:01
30/06/2020	BALIMB	Initial	23/06/2020	30/06/2020 12:00	30/06/2020 11:02
01/07/2020	BALIMB	Initial	24/06/2020	01/07/2020 12:00	01/07/2020 11:07
02/07/2020	BALIMB	Initial	25/06/2020	02/07/2020 12:00	02/07/2020 11:04
03/07/2020	BALIMB	Initial	26/06/2020	03/07/2020 12:00	03/07/2020 09:16
03/07/2020	BALIMB	Initial	27/06/2020	03/07/2020 12:00	03/07/2020 09:23
03/07/2020	BALIMB	Initial	28/06/2020	03/07/2020 12:00	03/07/2020 11:02
06/07/2020	BALIMB	Initial	29/06/2020	06/07/2020 12:00	06/07/2020 10:47
07/07/2020	BALIMB	Initial	30/06/2020	07/07/2020 12:00	07/07/2020 11:24

Table 21 – Initial Settlement Publication times

12 Appendix D: List of Queries by Type

Date Sent	Due Date	Query Ref No.	Charge Component
05/06/2020	17/07/2020	#2091	CIMB
15/06/2020	13/07/2020	#2157	CIMB
17/06/2020	15/07/2020	#2172	CUNIMB

Table 22 - Upheld Queries

Date Sent	Due Date	Query Ref No.	Charge Component
09/06/2020	21/07/2020	#2118	CIMB
23/06/2020	21/07/2020	#2210	CUNIMB
24/06/2020	22/07/2020	#2219	CUNIMB
24/06/2020	22/07/2020	#2220	CUNIMB
25/06/2020	23/07/2020	#2230	CUNIMB
25/06/2020	23/07/2020	#2231	CUNIMB
25/06/2020	23/07/2020	#2232	CUNIMB
25/06/2020	23/07/2020	#2236	CUNIMB
25/06/2020	23/07/2020	#2237	CUNIMB
29/06/2020	27/07/2020	#2248	CUNIMB
29/06/2020	27/07/2020	#2249	CUNIMB
29/06/2020	27/07/2020	#2251	CIMB
29/06/2020	27/07/2020	#2253	CDIFFCDA
30/06/2020	28/07/2020	#2255	CUNIMB

Table 23 - Unresolved Formal Queries