



Market Operator's Performance Report

October 2020

Contents

Contents.....	2
Executive Summary.....	4
1 Joining and Terminating Parties and Units	5
1.1 Balancing Market	5
1.1 Termination of Participants.....	6
1.2 Suspension of Participants	6
2 Trading and Settlement Code Breaches	6
3 Balancing Market Settlements.....	8
3.1 Indicative and Initial Settlement Runs	8
3.2 Settlement Documents	9
3.3 M+4 and M+13 Resettlement	10
4 Financial Statistics.....	11
4.1 Cash Flow positions for Balancing Market, Capacity Market and Market Operator Charges.....	11
4.2 Financial Changes between Initial Settlement and Subsequent Reruns	12
5 Query Management.....	14
5.1 General Queries	14
5.2 Settlement Queries	14
5.3 Disputes.....	15
6 Imbalance Price.....	16
6.1 Imbalance Price	16
6.2 Exchange Rate	18
6.3 Imbalance Price Generation and Backup Price	18
7 Modifications	19
7.1 Balancing Market – Trading & Settlement Code Modification Management	19
7.2 Balancing Market - Modifications Process Development.....	19
8 Central Systems.....	20
8.1 System Releases	21
8.2 System Availability	21
8.3 Known Issues Report	21

8.4	Limited Communication Failure (LCF), General Communication Failure (GCF) and General System Failure (GSF).....	21
9	Appendix A: Trading and Settlement Code Breaches.....	22
10	Appendix B: Historical Settlement Information.....	24
11	Appendix C: Settlement Publication Timings.....	31
12	Appendix D: List of Queries by Type	34

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 October 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 October 2020:

- There were 22 late publications of Indicative and Initial Settlement runs as per the Trading and Settlement Code timelines
- 8 out of 8 Settlement Documents issued on time
- KIR ID #192,588 : Delay in receiving AA files from SONI had an impact causing late indicative and initial settlement publication timelines for October 2020.
- There were 10 payment defaults by Participants
- There were 7 new units registered in the market and 2 new parties joined the market
- There was 1 Credit default by Participants as per the Trading and Settlement code timelines
- 145 general queries were received and 169 general queries were resolved, with 39 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

The below parties went effective in the Market between 01 October and 31 October 2020:

Party Name	Party ID	Participant ID	Effective Date
Stacks Energy Supply Limited	PY_034093	PT_402576	28/10/2020
Evermore ES Limited	PY_034090	PT_502522	21/10/2020

Table 1 - Parties who joined the market in October 2020

The below units went effective in the Market between 01 October and 31 October 2020:

Party Name	Party ID	Participant ID	Unit ID	Effective date
ElectroRoute Energy Supply Limited	PY_000171	PT_400200	GU_404460	07/10/2020
ElectroRoute Energy Supply Limited	PY_000171	PT_400200	GU_404470	07/10/2020
iPower Solutions Limited	PY_000093	PT_500053	DSU_503480	21/10/2020
iPower Solutions Limited	PY_000093	PT_500053	SU_500310	21/10/2020
Evermore ES Limited	PY_034090	PT_502522	SU_500308	21/10/2020
Stacks Energy Supply Limited	PY_034093	PT_402576	SU_400350	28/10/2020
Stacks Energy Supply Limited	PY_034093	PT_402576	GU_404330	28/10/2020

Table 2 – Registrations October 2020

The below units de-registered from the Market between 01 October and 31 October 2020:

Party Name	Party ID	Participant ID	Unit ID	Effective Date
Glencarbry Supply Company Limited	PY_000165	PT_400189	GU_401970	07/10/2020
Glencarbry Supply Company Limited	PY_000165	PT_400189	SU_400202	07/10/2020
Ballycumber Power Supply Limited	PY_000188	PT_400232	GU_402350	07/10/2020

Table 3 – De-Registrations October 2020

1.1 Termination of Participants

There were no terminating parties in October 2020.

1.2 Suspension of Participants

No Suspension Orders were issued by the Market Operator in October 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		-	6
Market Participants	Clearing	10	-
	Credit Risk Management	1	0
Market Operator	Balancing Market Settlement	0	22
	Clearing	-	-
	Credit Risk Management	-	-
	Other	-	-
Total		11	28

Table 4 – 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 01/10/2020 – 31/10/2020		
	Indicative	Initial
On Time	19	21
Same Day Late	4	7
> 1 Day Late	8	3
Total runs	31	31

Table 5 - Settlement Runs completed 01/10/2020 - 31/10/2020

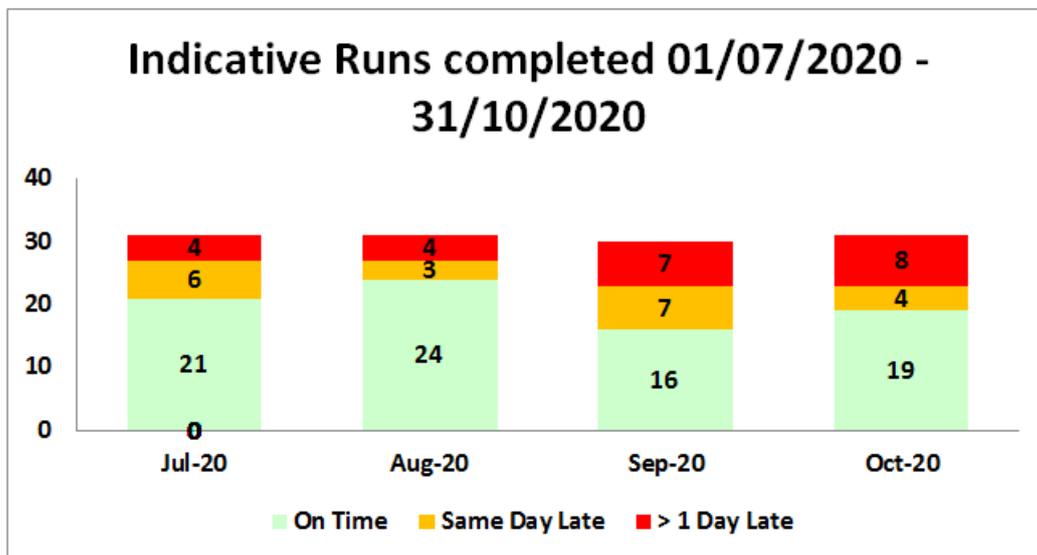


Figure 1 Indicative Settlement Runs Completed

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

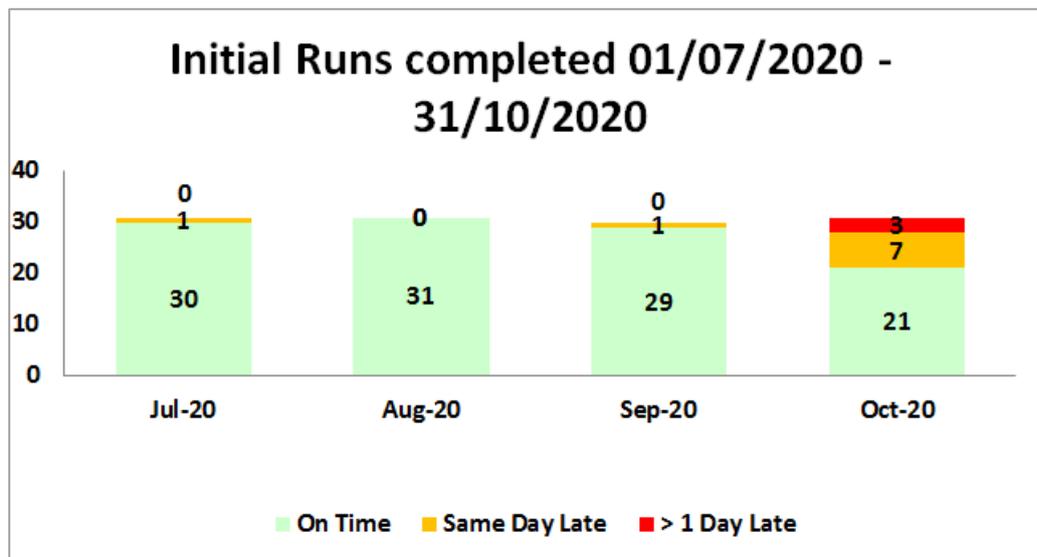


Figure 2 Initial Settlement Runs Completed

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 01/10/2020 - 31/10/2020	
	No. of Weeks
On Time	8
Same Day Late	0
> 1 Day Late	0
Total runs	8

Table 6 - Settlement Documents completed 01/10/2020 - 31/10/2020

3.3 M+4 and M+13 Resettlement

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

M+13 Resettlement processing occurred during each week for the month of October 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 October 2020 to 31 October 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	9,361,367
CPREMIUM	Premium Payment	11,378,021
CFC	Fixed Cost Payment or Charge	1,488,539
CIMB	Imbalance Payment or Charge	3,557,980
CAOOPO	Offer Price Only Accepted Offer Payment or Charge	-84,757
CCURL	Curtailment Payment or Charge	-226,404
CABBPO	Bid Price Only Accepted Bid Payment or Charge	18,355
CTEST	Testing Charge	-36,904
CDIFFCWD	Within-day Difference Charge	-173,297
CCA	Currency Adjustment Charge	-42,797
CUNIMB	Uninstructed Imbalance Charge	-204,090
CSOCDIFFP	Difference Payment Socialisation Charge	-31,709
CREV	Residual Error Volume Charge	-2,413,962
CIMP	Imperfections Charge	-25,603,727
Total		-3,013,382

Table 7 - 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	29,285,700
CCC	Fixed Market Operator Charge Supplier Units	-31,708,568
Total		-2,422,868

Table 8 - 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	-1,646
CMOAU	Fixed Market Operator Charge Generator Units	-66,545
CVMO	Variable Market Operator Charge	-1,331,622
Total		-1,399,813

Table 9 - Market Operator Charges

4.2 Financial Changes between Initial Settlement and Subsequent Reruns

During the month of October 2020:

- M+4 Resettlement has been completed for Settlement Dates 07/06/2020 to 04/07/2020.
- M+13 Resettlement has been completed for Settlement Dates 23/06/2019 to 17/08/2019.

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	€879,694
CIMB	-€2,196,536
CDISCOUNT	-€9,155,179
CIMP	€24,984,427
CREV	€2,365,232
CUNIMB	€216,183
CSOCDIFFP	€35,240
CCA	€41,916
CABBPO	-€17,897
CDIFFCNP	€0
CDIFFPIMB	€0
CTEST	€36,904
CDIFFCWD	€173,011
CAOPO	€92,120
CCURL	€209,423
CPREMIUM	-€10,704,811
Total	€6,959,728

Table 10 - Balancing Market Resettlement

Capacity Market Resettlement	
Component	Difference
CCC	€30,985,846
CCP	-€28,343,906
Total	€2,641,941

Table 11 - Capacity Market Resettlement

Market Operator Charges Resettlement	
Component	Difference
CMOAU	€148,740
CVMO	€1,305,036
CMOAV	€4,053
Total	€1,457,830

Table 12 - 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 13 - Helpdesk Query Statistics cover the month of October 2020.

Received	Resolved	Open
145	169	39

Table 13 – Helpdesk Query Statistics

The average resolution time for queries in October 2020 was 9.6 working days.

Definitions

- Resolved refers to queries resolved within October 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 October 2020.
- Open refers to queries raised but not resolved as of 31st of October 2020.

5.2 Settlement Queries

There were 14 Formal Settlement queries raised in October 2020.

4 have been upheld and 10 are unresolved at this time and are currently under investigation.

Topic (upheld Queries)	Number of Queries
CUNIMB	1
CCA	1
CDISCOUNT	1
CCP	1

Table 14 – 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 October 2020 can be found in **Appendix D**.

5.3 Disputes

No Disputes have been raised in the month of October 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 October 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 October was €45.96.

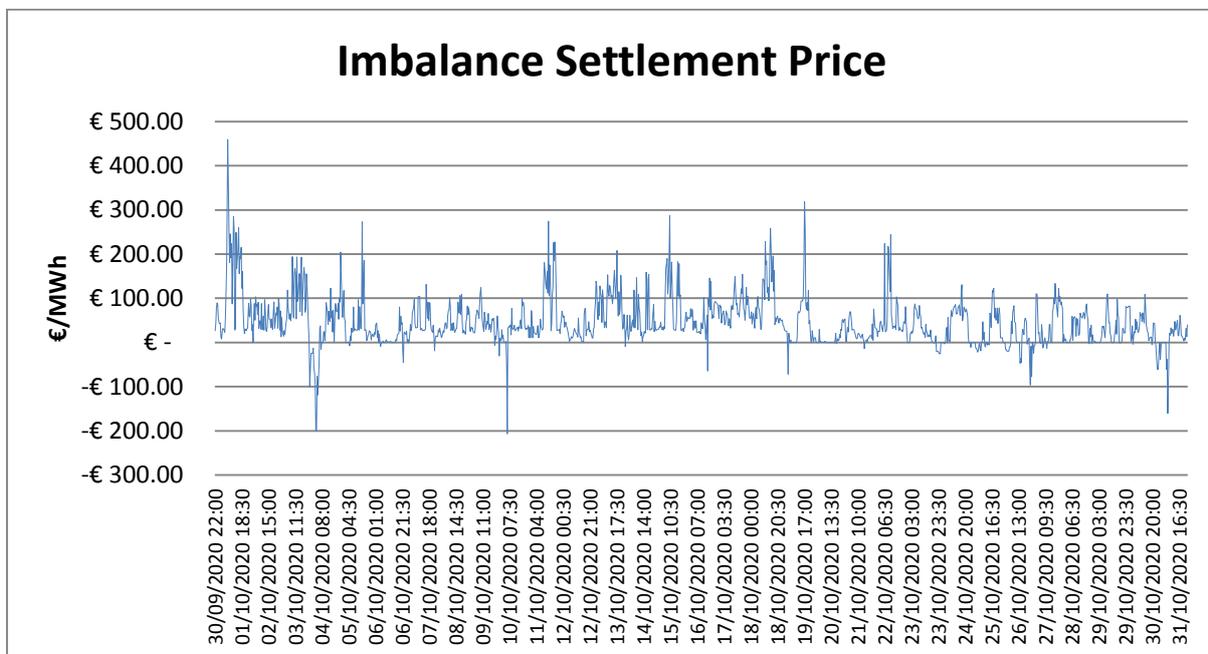


Figure 3 – Imbalance Settlement Price

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.

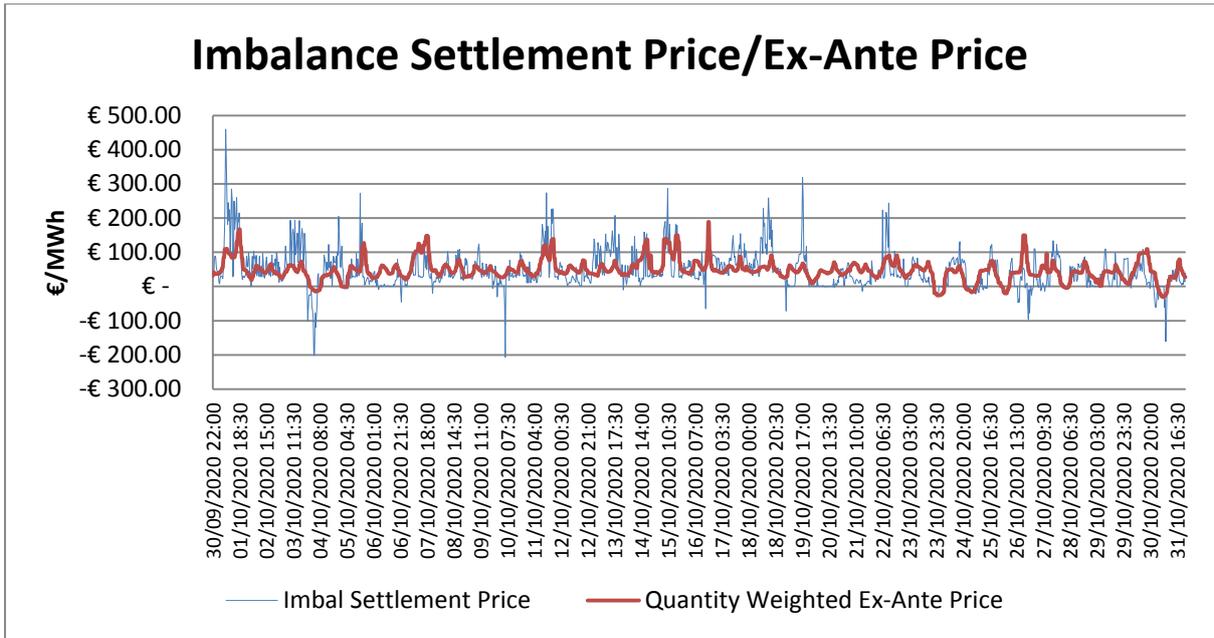


Figure 4 – Imbalance Settlement Price & Quantity Weighted Ex-Ante Price Comparison

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

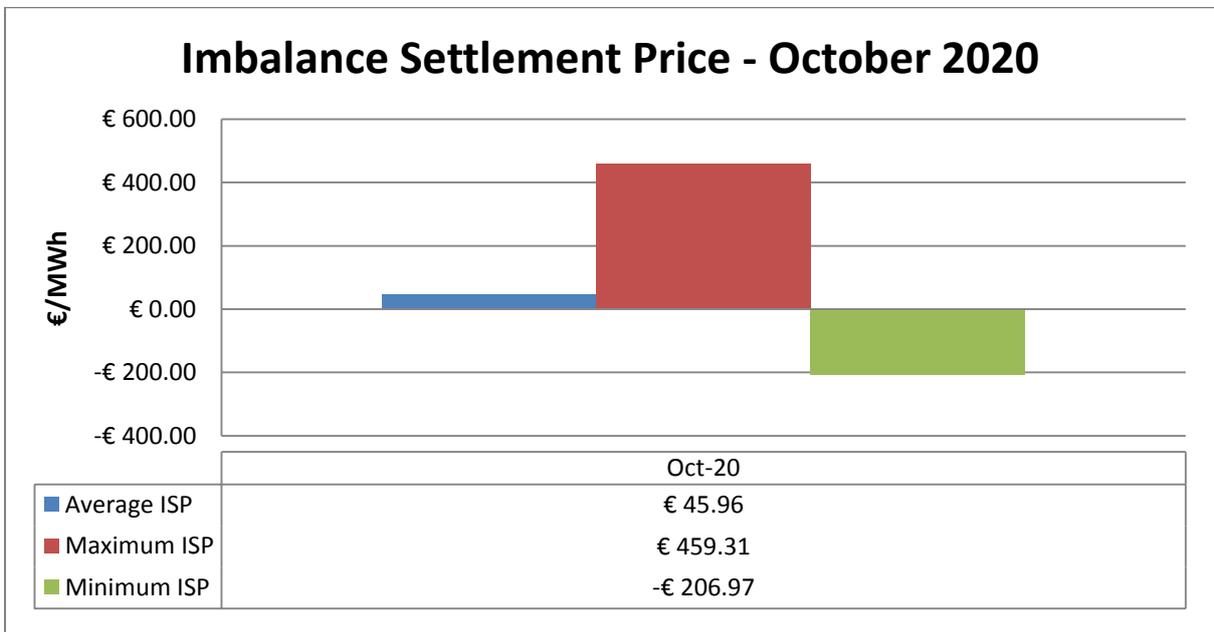


Figure 5 – Highest, Lowest and Average Imbalance Prices

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**.

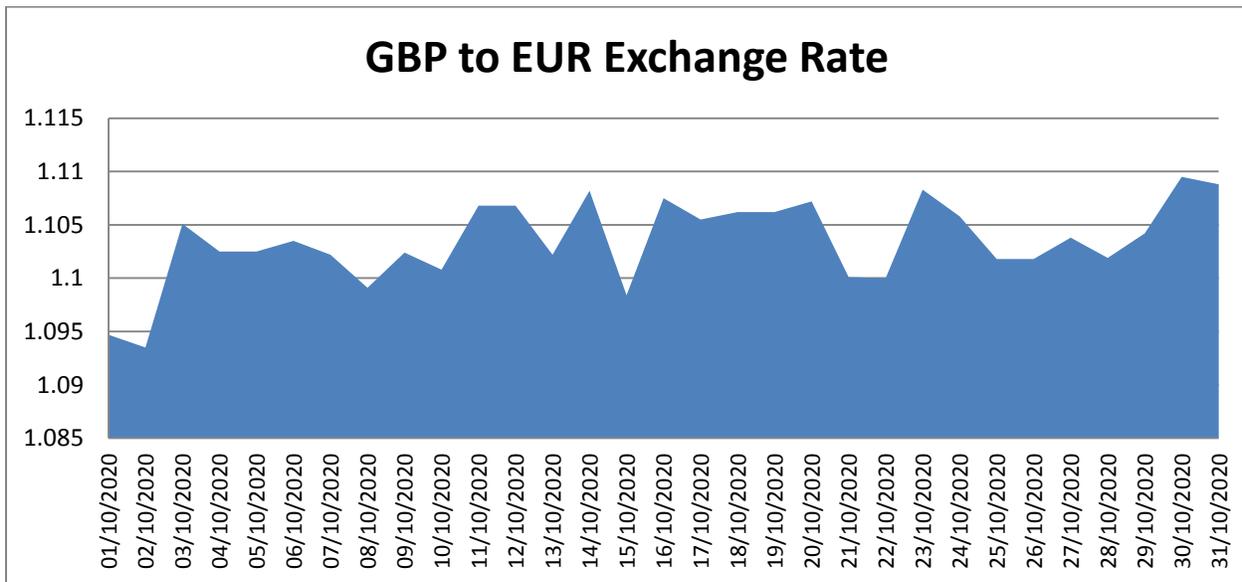


Figure 6 – GBP to EUR Exchange Rate

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 69 Market Back Up Prices and 1 Day-Ahead Market Back Up Price published as a result of 214 missed Imbalance Prices¹.

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 October 2020 and 31st October 2020. Table 15 shows the dates and number of Modifications Committee Meetings and Working Groups that took place over this period.

Meeting	Date	Location
Modifications Committee Meeting 101	22 nd October 2020	Conference Call

Table 15 - Balancing Market: Trading & Settlement Code Modifications Committee Meetings

At the Modifications Committee Meeting, decisions are made with regard to progressing various Modification Proposals. Table 16 gives an outline of the amount of activity that has taken place over this period.

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

Table 16 - 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 15).

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_10_20 Rescind CCIN via email when indicative settlement is delayed and settlement team can verify meter volumes

RA Direction

- Mod_08_20 Imbalance prices to reflect the real-time value of energy

8 Central Systems

8.1 System Releases

There were no System Releases in October.

8.2 System Availability

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

System / Application	Annual Availability %
Settlements (CSB)	100%
MI	100%
MA	100%
Reporting (reports publication in the MPI)	100%
Website (availability)	100%
Average System Availability	100.00%

Table 17 - 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 October 2020.

There was no GCF during the month of October 2020.

There were no GSFs during the month of October 2020.

9 Appendix A: Trading and Settlement Code Breaches

Meter Data Provider Breaches

Ops Date Identified	Run Type	Issue	MDP Provider	Issue Type	Description	T&SC Breach	Status
06/10/2020	D+1	Timing	EIRGRID	File submission of ACTA data	Delay of 27 mins	Minor	Closed
07/10/2020	D+1	Timing	SONI	File submission of ACTA data	Delay of 4 days	Minor	Closed
08/10/2020	D+1	Timing	SONI	File submission of ACTA data	Delay of 3 days	Minor	Closed
10/10/2020	D+1	Timing	EIRGRID	File submission of ACTA data	Delay of 22 mins	Minor	Closed
10/10/2020	D+1	Timing	SONI	File submission of ACTA data	Delay of 22 mins	Minor	Closed
18/10/2020	D+1	Timing	EIRGRID	File submission of Metering data	Delay of 4 hrs 44mins	Minor	Closed

Table 18 - Meter Data Provider Breaches

Market Participant Breaches

PT name	Invoiced period	Market	Default issued due to	Default letter issued	T & SC Breach	Status
Endeco - Wirelite Sensors Limited	RS_13062020	BMCRM	Timing	Yes	Major	Closed
Church Hill Wind Farm Limited	RS_13062020	BMCRM	Timing	Yes	Major	Closed
Fuinneamh Gaoithe Teoranta	SEPT_2020	MO	Timing	Yes	Major	Closed
Gruig Wind Farm Limited	SEPT_2020	MO	Timing	Yes	Major	Closed
Gruig Wind Farm Limited	RS_27062020	BMCRM	Timing	Yes	Major	Closed
AXPO UK LIMITED	RS_04072020	BMCRM	Timing	Yes	Major	Closed
Cobblestone Energy Limited	WK_40_2020	BMCRM	Timing	Yes	Major	Closed
Gruig Wind Farm Limited	RS_04072020	BMCRM	Timing	Yes	Major	Closed
IBERDROLA IRELAND LIMITED	RS_31082019	MO	Timing	Yes	Major	Closed
Dan Twomey Waterpower Engineering Limited.	RS_31082019	MO	Timing	Yes	Major	Closed

Table 19 - Clearing Default Notices

Ops Date identified	PT Name	Issue Type	Default Letter Sent	Cause	Resolution	Closed	T & SC Breach
05/10/2020	3T Power	Credit	yes	CCIN was not resolved within the T & S Code timeframes	Payment into Collateral	08/10/2020	major

Table 20 - Credit 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
1st	1	Indicative	Timing	SEMO	Processing Issue	Materiality analysis	Additional financial analysis required	Additional financial analysis carried out & processing continued. Indicative published on due date.	Minor	Closed
4th,13th, 14th	3	Indicative	Timing	SEMO	Settlements Data processing timelines	Indicative runs were published late on target day due to an overrun of processing time required for settlement run	Indicative process delayed due to completion time required for other processes running in parallel	Scheduling of competing settlement processes to be monitored and adjusted as required.	Minor	Closed
6th,7th,8th, 9th,10th,11th, 12th	7	Indicative	Timing	SEMO	KIR #192,588	Delay in receiving AA (INT_378 from SONI for the 07/10 (D+1) and the 04/10 (D+4)	Two new units were added to the systems through the MO registration process and the systems looked for data feeds for these two units prematurely i.e. before the effective date of the units in the market. SONI MDP are exploring the options around how this issue can be avoided in the future.	Script provided and tested Catchup processing commenced	Minor	Closed
18th	1	Indicative	Timing	SEMO	KIR #194,201	Delay in processing MDP metered data file	Import error on data file as received	Script provided and tested . Catchup processing commenced	Minor	Closed

Table 21 – Delays to Indicative Settlement

Ops Date Identified	Periods affected	Run Type	Quality or Timing	Party	Issue Type	Description	Cause	Resolution	T&SC Breach	Status
4th,5th,6th	3	Initial	Timing	Semo	#KIR 192,588	Delay in receiving AA (INT_378 from SONI for the 07/10 (D+1) and the 04/10 (D+4)	Two new units were added to the systems through the MO registration process and the systems looked for data feeds for these two units prematurely i.e. before the effective date of the units in the market. SONI MDP are exploring the options around how this issue can be avoided in the future.	Script provided and tested Catchup processing commenced	Minor	Closed
7th	1	Initial	Timing	Semo	Import records errors	Financial analysis	Additional financial analysis required	Processing continued and initial published on due date.	Minor	Closed
18th,23rd	2	Initial	Timing	Semo	Processing Issue	Financial analysis	Additional financial analysis required	Additional financial analysis carried out & processing continued and initial published on due date.	Minor	Closed
24th,25th	2	Initial	Timing	Semo	Processing Issue	Financial analysis	Delay to due further analysis required for the 23rd	Processing continued and initial published on due date.	Minor	Closed
26th	1	Initial	Timing	Semo	Processing Issue	System Constraints	Processing delayed due to competing processes	Processing continued initial published on due date.	Minor	Closed
28th	1	Initial	Timing	Semo	Release Issue	Calculations were re run due to release F deployment overnight	Release F	Processing re-done and initial published on due date.	Minor	Closed

Table 22 – Delays to Initial Settlement

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
1 st – 31 st	Settlements	Indicative	31	17	4	10
1 st – 31 st	Settlements	Initial	31	29	2	-
Sep 30 th 2018 – Oct 27 th 2018	M+4 Resettlement	Weekly	28	28	-	-
1 st – 31 st	Credit Reports	Daily	66	66	-	-
1 st – 31 st	Payments In	Weekly	4	4	-	-
1 st – 31 st	Payments Out	Weekly	4	4	-	-
1 st -31 st	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
1 st – 31 st	Settlements	Indicative	31	19	3	8
1 st – 31 st	Settlements	Initial	31	28	3	-
Oct 28 th 2018 – Dec 1 st 2018	M+4 Resettlement	Weekly	28	28	-	-
1 st – 31 st	Credit Reports	Daily	66	66	-	-
1 st – 31 st	Payments In	Weekly	4	4	-	-
1 st – 31 st	Payments Out	Weekly	4	4	-	-
1 st – 31 st	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
1 st – 30 th	Settlements	Indicative	30	10	9	11
1 st – 30 th	Settlements	Initial	30	17	6	7
Dec 2 nd 2018 – Dec 29 th 2018	M+4 Resettlement	Weekly	28	28	-	-
1 st – 30 th	Credit Reports	Daily	66	66	-	-
1 st – 30 th	Payments In	Weekly	4	4	-	-
1 st – 30 th	Payments Out	Weekly	4	4	-	-
Aug 25 th – Sep 21 st	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
1 st – 31 st	Settlements	Indicative	31	12	-	19
1 st – 31 st	Settlements	Initial	31	18	4	9
6 th Jan 2019 – 2 nd Feb 2019	M+4 Resettlement	Weekly	28	28	-	-
1 st – 31 st	Credit Reports	Daily	66	66	-	-
1 st – 31 st	Payments In	Weekly	4	3	-	-
1 st – 31 st	Payments Out	Weekly	4	4	-	-
Sep 22 nd – Oct 19 th	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
1 st – 30 th	Settlements	Indicative	30	6	5	19
1 st – 30 th	Settlements	Initial	30	25	3	2
3 rd Feb 2019 – 9 th Mar	M+4 Resettlement	Weekly	28	28	-	-
30 th Sep – 19 th Oct 2018	M+13 Resettlement	Weekly	28	28	-	-
1 st – 30 th	Credit Reports	Daily	66	66	-	-
1 st – 30 th	Payments In	Weekly	4	4	-	-
1 st – 30 th	Payments Out	Weekly	4	4	-	-
Oct 20 th – Nov 23 rd	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
1 st – 31 st	Settlements	Indicative	31	20	2	9
1 st – 31 st	Settlements	Initial	31	27	3	1
10 th Mar – 30 th Mar	M+4 Resettlement	Weekly	21	21	-	-
21 st Oct 2018 – 11 th Nov 2018	M+13 Resettlement	Weekly	21	14	-	1
1 st – 31 st	Credit Reports	Daily	46	45	-	1
1 st – 31 st	Payments In	Weekly	4	4	-	-
1 st – 31 st	Payments Out	Weekly	4	4	-	-
Nov 24 th – Dec 14 th	Settlement Documents	Weekly	3	3	-	-

Figure 12 - Settlement Information December 2019

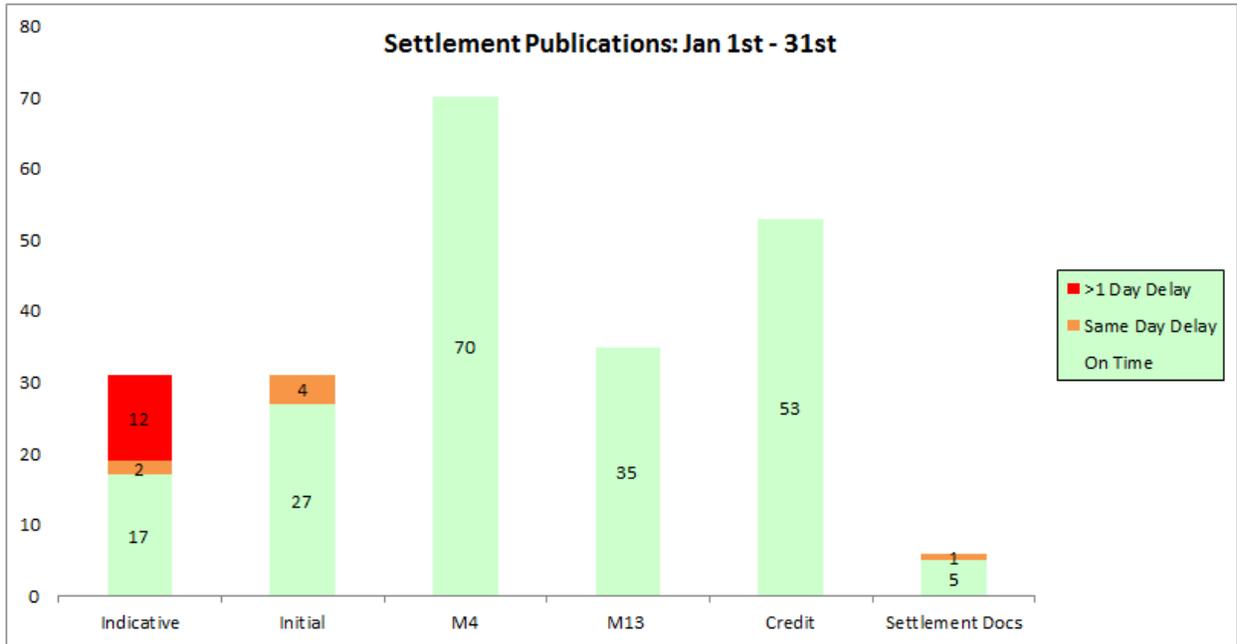


Figure 13 - Settlement Information January 2020*

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

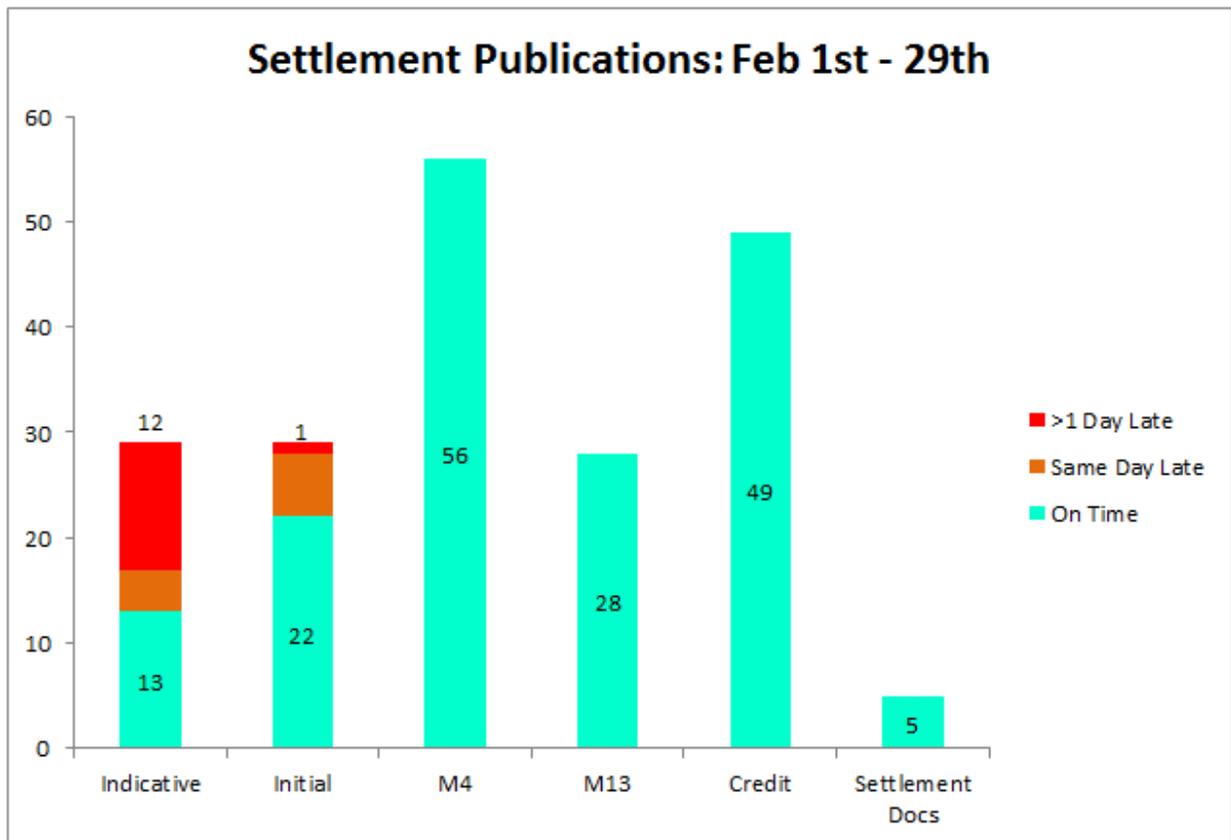


Figure 14 - Settlement Information February 2020

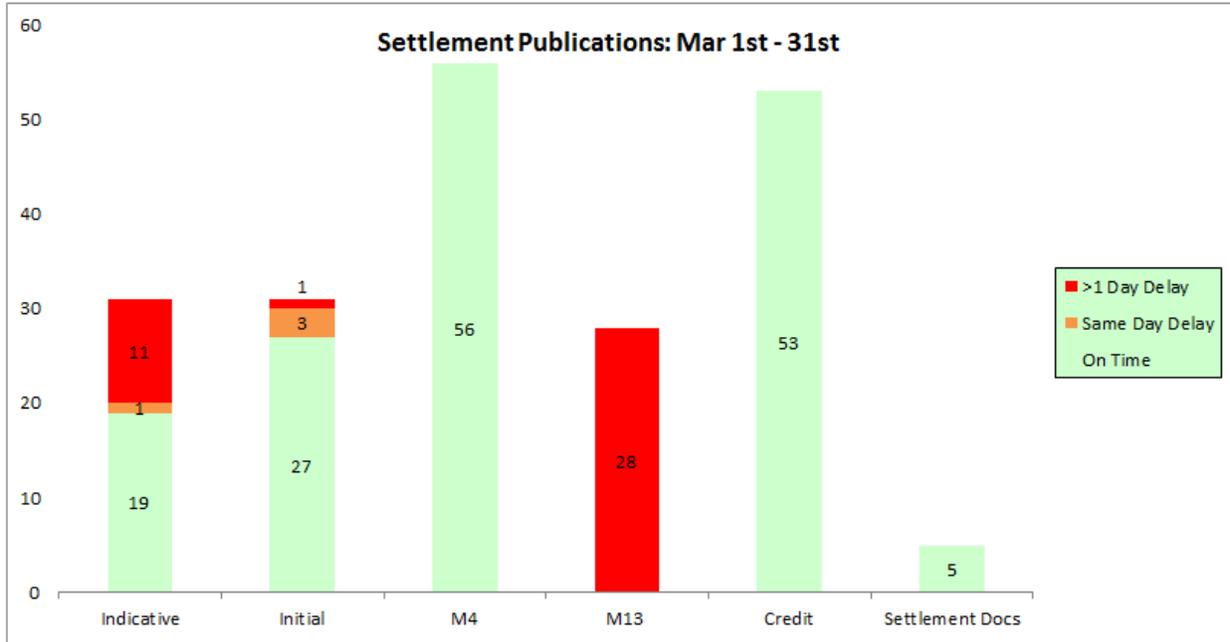


Figure 15 - Settlement Information March 2020

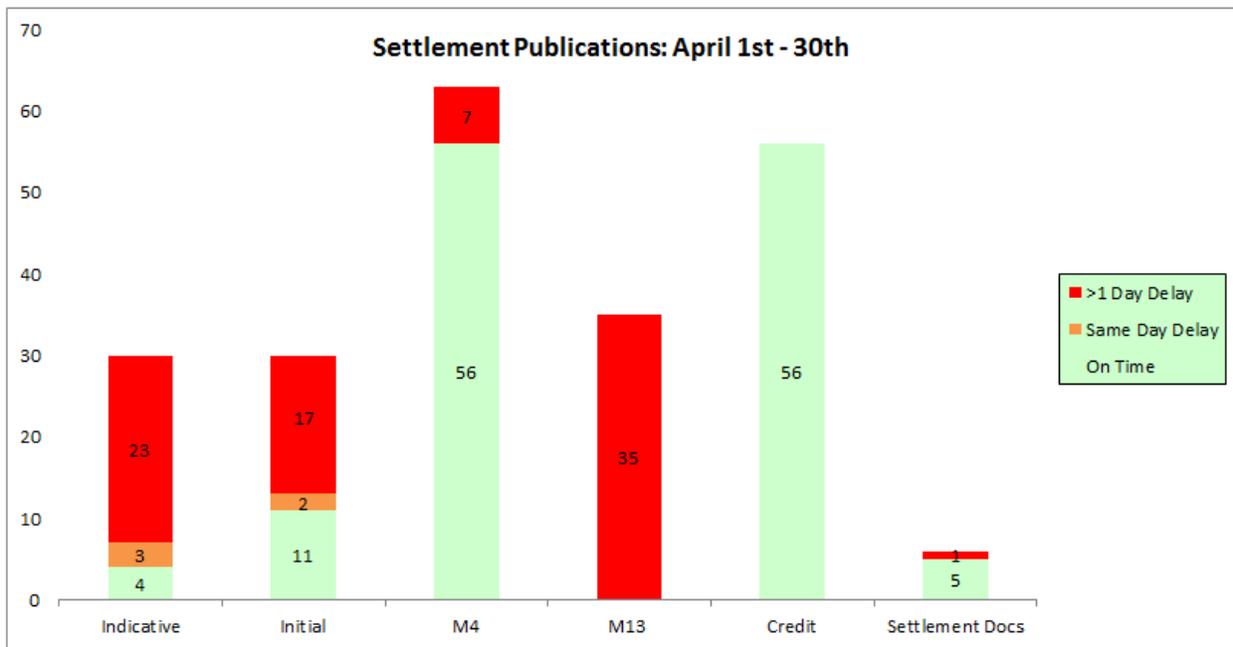


Figure 16 – Settlement Information April 2020

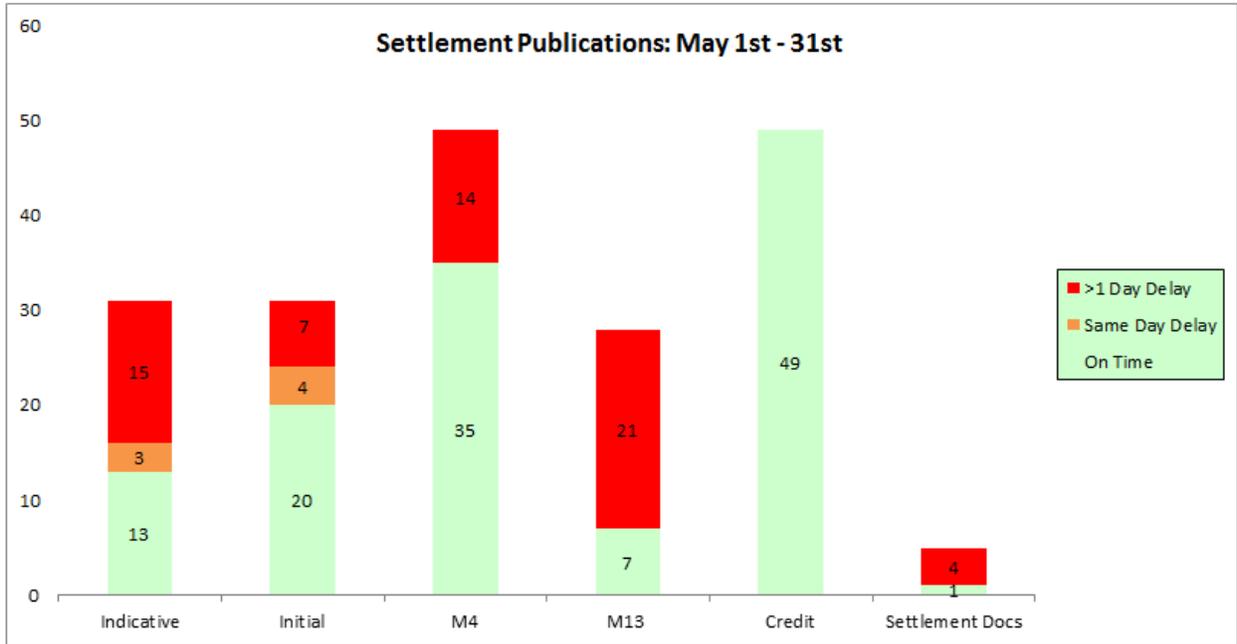


Figure 17 – Settlement Information May 2020

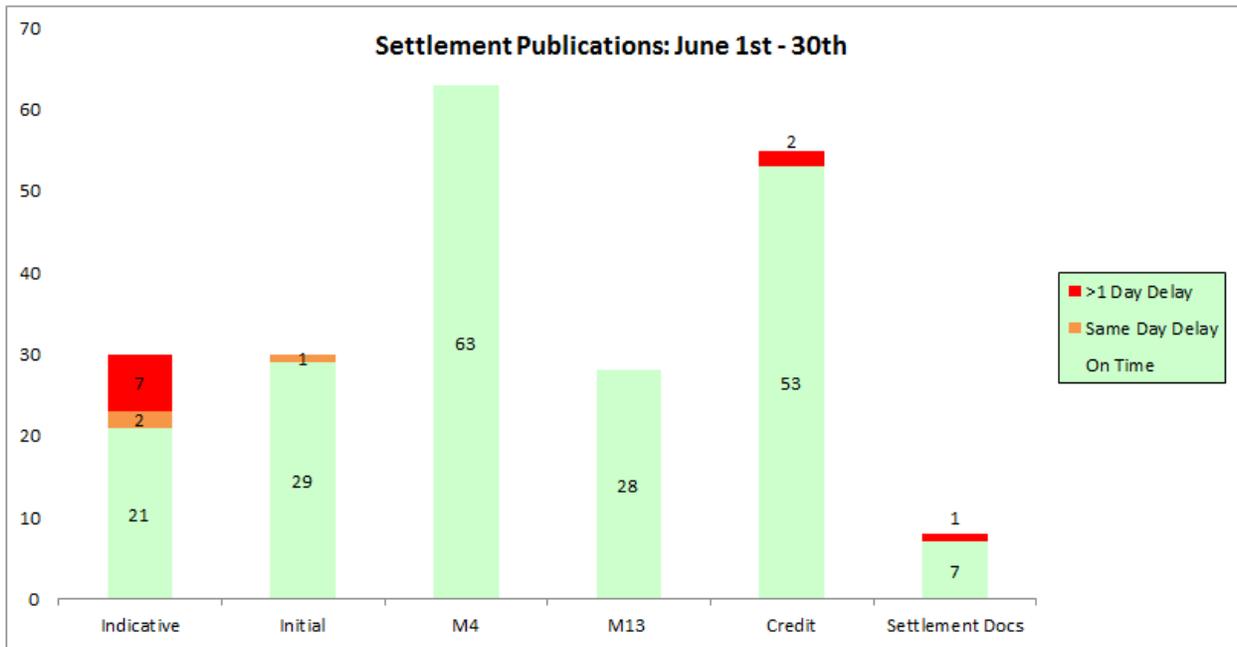


Figure 18 – Settlement Information June 2020

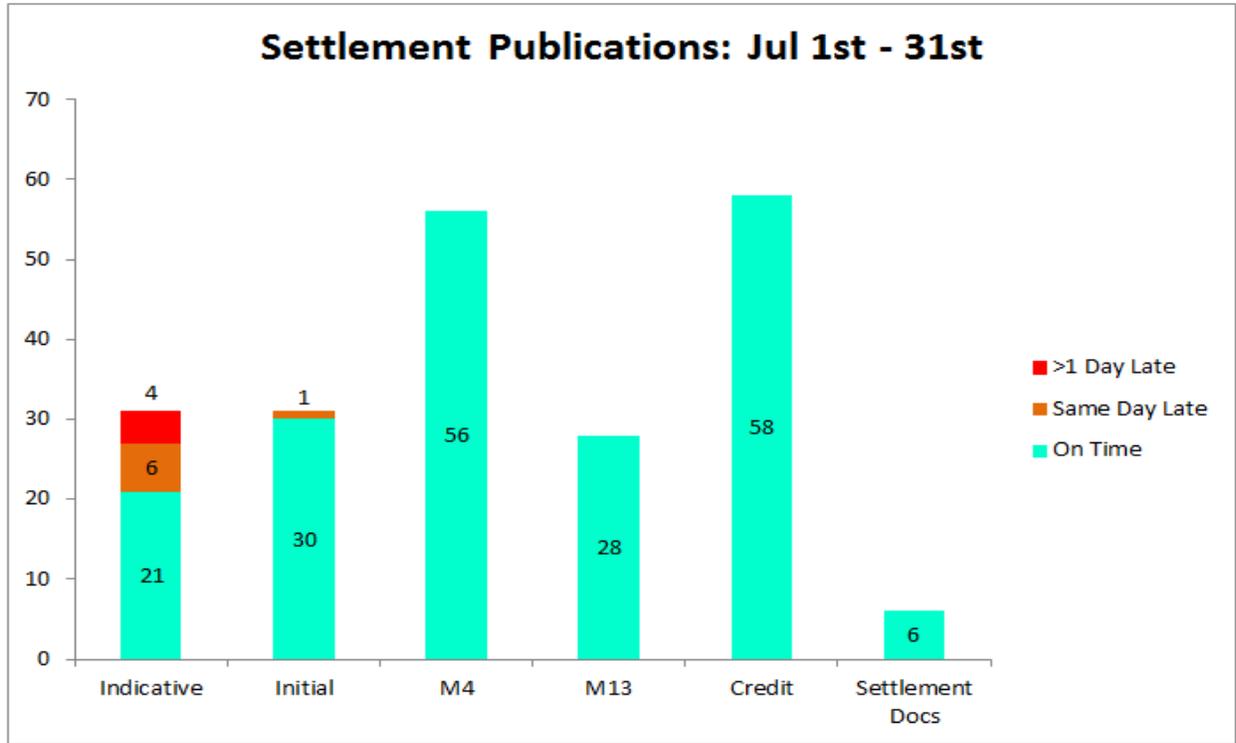


Figure 19 – Settlement Information July 2020

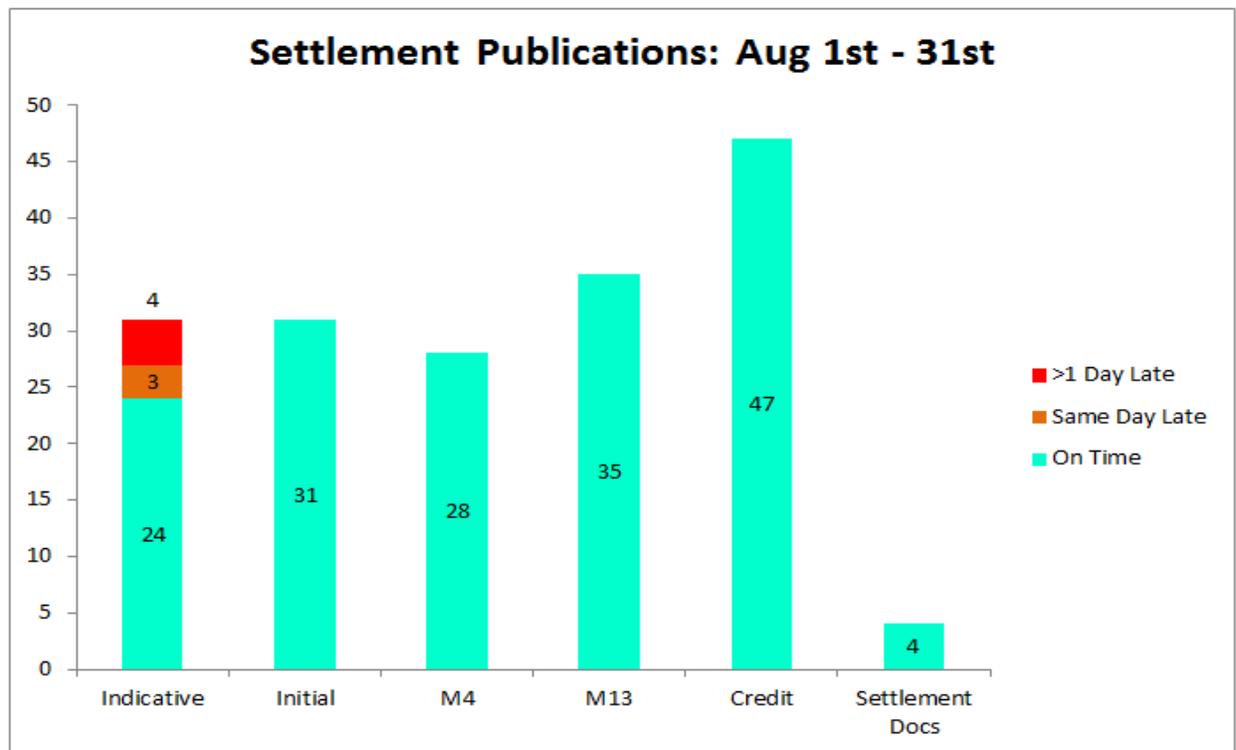


Figure 20 – Settlement Information August 2020

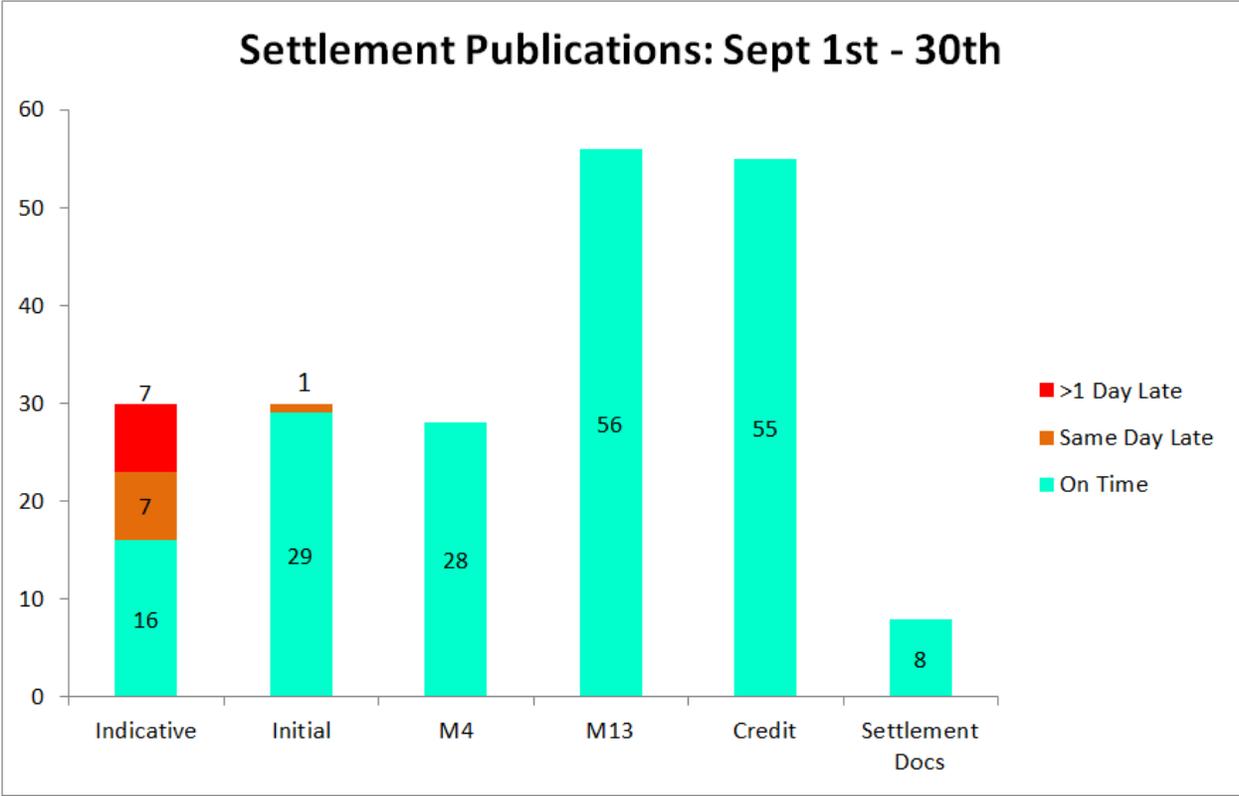


Figure 21 – Settlement Information September 2020

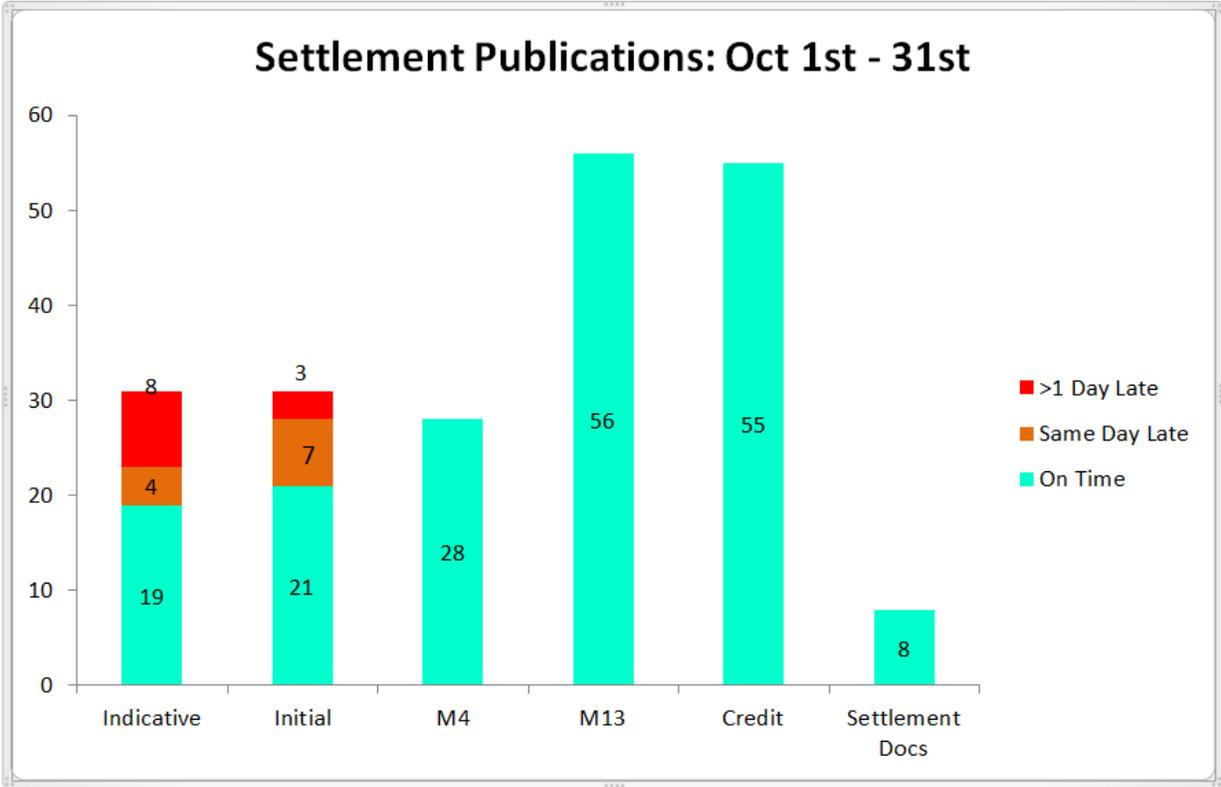


Figure 22-Settlement Information October 2020

11 Appendix C: Settlement Publication Timings

Indicative Settlement

Operational Date	Market	Run	Period End Date	Target Date & Time	Publish Date & Time
02/10/2020	BALIMB	Indicative	01/10/2020	02/10/2020 17:00	02/10/2020 17:33
05/10/2020	BALIMB	Indicative	02/10/2020	05/10/2020 17:00	05/10/2020 16:13
05/10/2020	BALIMB	Indicative	03/10/2020	05/10/2020 17:00	05/10/2020 16:44
05/10/2020	BALIMB	Indicative	04/10/2020	05/10/2020 17:00	05/10/2020 17:23
06/10/2020	BALIMB	Indicative	05/10/2020	06/10/2020 17:00	06/10/2020 16:26
07/10/2020	BALIMB	Indicative	06/10/2020	07/10/2020 17:00	08/10/2020 11:02
08/10/2020	BALIMB	Indicative	07/10/2020	08/10/2020 17:00	13/10/2020 13:15
09/10/2020	BALIMB	Indicative	08/10/2020	09/10/2020 17:00	13/10/2020 14:46
12/10/2020	BALIMB	Indicative	09/10/2020	12/10/2020 17:00	13/10/2020 16:32
12/10/2020	BALIMB	Indicative	10/10/2020	12/10/2020 17:00	14/10/2020 10:46
12/10/2020	BALIMB	Indicative	11/10/2020	12/10/2020 17:00	14/10/2020 11:14
13/10/2020	BALIMB	Indicative	12/10/2020	13/10/2020 17:00	14/10/2020 15:57
14/10/2020	BALIMB	Indicative	13/10/2020	14/10/2020 17:00	14/10/2020 17:19
15/10/2020	BALIMB	Indicative	14/10/2020	15/10/2020 17:00	15/10/2020 17:29
16/10/2020	BALIMB	Indicative	15/10/2020	16/10/2020 17:00	16/10/2020 16:23
19/10/2020	BALIMB	Indicative	16/10/2020	19/10/2020 17:00	19/10/2020 15:44
19/10/2020	BALIMB	Indicative	17/10/2020	19/10/2020 17:00	19/10/2020 16:17
19/10/2020	BALIMB	Indicative	18/10/2020	19/10/2020 17:00	20/10/2020 12:42
20/10/2020	BALIMB	Indicative	19/10/2020	20/10/2020 17:00	20/10/2020 16:36
21/10/2020	BALIMB	Indicative	20/10/2020	21/10/2020 17:00	21/10/2020 16:19
22/10/2020	BALIMB	Indicative	21/10/2020	22/10/2020 17:00	22/10/2020 16:26
23/10/2020	BALIMB	Indicative	22/10/2020	23/10/2020 17:00	23/10/2020 16:47
27/10/2020	BALIMB	Indicative	23/10/2020	27/10/2020 17:00	27/10/2020 09:21
27/10/2020	BALIMB	Indicative	24/10/2020	27/10/2020 17:00	27/10/2020 09:40
27/10/2020	BALIMB	Indicative	25/10/2020	27/10/2020 17:00	27/10/2020 14:49
27/10/2020	BALIMB	Indicative	26/10/2020	27/10/2020 17:00	27/10/2020 16:44
28/10/2020	BALIMB	Indicative	27/10/2020	28/10/2020 17:00	28/10/2020 16:58
29/10/2020	BALIMB	Indicative	28/10/2020	29/10/2020 17:00	29/10/2020 16:46
30/10/2020	BALIMB	Indicative	29/10/2020	30/10/2020 17:00	30/10/2020 16:32
02/11/2020	BALIMB	Indicative	30/10/2020	02/11/2020 17:00	02/11/2020 16:11
02/11/2020	BALIMB	Indicative	31/10/2020	02/11/2020 17:00	02/11/2020 16:48

Table 23 – Indicative Settlement Publication times

Initial Settlement

Operational Date	Market	Run	Period End Date	Target Date & Time	Publish Date & Time
08/10/2020	BALIMB	Initial	01/10/2020	08/10/2020 12:00	08/10/2020 11:20
09/10/2020	BALIMB	Initial	02/10/2020	09/10/2020 12:00	08/10/2020 16:50
09/10/2020	BALIMB	Initial	03/10/2020	09/10/2020 12:00	08/10/2020 17:00
09/10/2020	BALIMB	Initial	04/10/2020	09/10/2020 12:00	13/10/2020 16:37
12/10/2020	BALIMB	Initial	05/10/2020	12/10/2020 12:00	13/10/2020 16:54
13/10/2020	BALIMB	Initial	06/10/2020	13/10/2020 12:00	14/10/2020 09:10
14/10/2020	BALIMB	Initial	07/10/2020	14/10/2020 12:00	14/10/2020 16:53
15/10/2020	BALIMB	Initial	08/10/2020	15/10/2020 12:00	15/10/2020 11:01
16/10/2020	BALIMB	Initial	09/10/2020	16/10/2020 12:00	16/10/2020 08:42
16/10/2020	BALIMB	Initial	10/10/2020	16/10/2020 12:00	16/10/2020 09:45
16/10/2020	BALIMB	Initial	11/10/2020	16/10/2020 12:00	16/10/2020 11:43
19/10/2020	BALIMB	Initial	12/10/2020	19/10/2020 12:00	19/10/2020 11:13
20/10/2020	BALIMB	Initial	13/10/2020	20/10/2020 12:00	20/10/2020 11:37
21/10/2020	BALIMB	Initial	14/10/2020	21/10/2020 12:00	21/10/2020 10:32
22/10/2020	BALIMB	Initial	15/10/2020	22/10/2020 12:00	22/10/2020 10:07
23/10/2020	BALIMB	Initial	16/10/2020	23/10/2020 12:00	22/10/2020 16:35
23/10/2020	BALIMB	Initial	17/10/2020	23/10/2020 12:00	23/10/2020 09:01
23/10/2020	BALIMB	Initial	18/10/2020	23/10/2020 12:00	23/10/2020 12:50
27/10/2020	BALIMB	Initial	19/10/2020	27/10/2020 12:00	27/10/2020 09:56
27/10/2020	BALIMB	Initial	20/10/2020	27/10/2020 12:00	27/10/2020 11:54
28/10/2020	BALIMB	Initial	21/10/2020	28/10/2020 12:00	28/10/2020 11:24
29/10/2020	BALIMB	Initial	22/10/2020	29/10/2020 12:00	29/10/2020 11:43
30/10/2020	BALIMB	Initial	23/10/2020	30/10/2020 12:00	30/10/2020 13:33
30/10/2020	BALIMB	Initial	24/10/2020	30/10/2020 12:00	30/10/2020 13:56
30/10/2020	BALIMB	Initial	25/10/2020	30/10/2020 12:00	30/10/2020 14:09
02/11/2020	BALIMB	Initial	26/10/2020	02/11/2020 12:00	02/11/2020 12:28
03/11/2020	BALIMB	Initial	27/10/2020	03/11/2020 12:00	03/11/2020 11:54
04/11/2020	BALIMB	Initial	28/10/2020	04/11/2020 12:00	04/11/2020 13:29
05/11/2020	BALIMB	Initial	29/10/2020	05/11/2020 12:00	05/11/2020 10:56
06/11/2020	BALIMB	Initial	30/10/2020	06/11/2020 12:00	06/11/2020 08:39
06/11/2020	BALIMB	Initial	31/10/2020	06/11/2020 12:00	06/11/2020 08:44

Table 24 – Initial Settlement Publication times

12 Appendix D: List of Queries by Type

Date Sent	Due Date	Query Ref No.	Charge Component
07/10/2020	05/11/2020	2961	CUNIMB
08/10/2020	20/11/2020	2963	CCA
13/10/2020	11/11/2020	#2997	CDISCOUNT
15/10/2020	13/11/2020	#3011	CCP

Table 25 - Upheld Queries

Date Sent	Due Date	Query Ref No.	Charge Component
06/10/2020	18/11/2020	#2943	CUNIMB
06/10/2020	18/11/2020	#2942	CUNIMB
07/10/2020	19/11/2020	#2962	CFC
08/10/2020	06/11/2020	#2964	CSOCDIFFP
09/10/2020	23/11/2020	#2979	CFC
15/10/2020	13/11/2020	#3003	CFC
19/10/2020	17/11/2020	#3015	CIMB
22/10/2020	20/11/2020	#3035	CIMB
22/10/2020	20/11/2020	#3036	CIMB
29/10/2020	26/11/2020	#3070	CIMB

Table 26 - Unresolved Formal Queries