



Market Operator's Performance Report

January 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 January 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 January 2020:

- There were 18 late publications of Indicative and Initial Settlement runs as per the Trading and Settlement Code timelines
- 5 out of 6 Settlement Documents issued on time
- There were 15 payment defaults by Participants
- There were 4 new units registered in the market, and no new parties joined the market
- There was 1 Credit default by Participants as per the Trading and Settlement code timelines
- 233 general queries were received and 229 general queries were resolved, with 82 in progress

This is the fourth Monthly performance report of the Market since I-SEM Go Live. 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 joined the Market between 01 January and 31 January 2020.

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

Party Name	Party ID	Participant ID	Unit ID	Effective Date
Ipower Solutions Limited	PY_000093	PT_500053	DSU_503420	29/01/2020
Ipower Solutions Limited	PY_000093	PT_500053	SU_500307	29/01/2020
ElectroRoute Energy Supply Limited	PY_000171	PT_400200	GU_403990	22/01/2020
Cenergise Trading Limited	PY_000250	PT_400300	SU_400348	15/01/2020

Table 1 – Registrations January 2020

The below unit de-registered from the Market between 01 January and 31 January 2020:

Party Name	Party ID	Participant ID	Unit ID	Effective Date
ESB	PY_000030	PT_400030	GU_400300	15/01/2020
ESB	PY_000030	PT_400030	SU_400102	15/01/2020

Table 2 – De-Registrations January 2020

1.1 Termination of Participants

There were no terminating parties in January 2020.

1.2 Suspension of Participants

No Suspension Orders were issued by the Market Operator in January 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		-	14
Market Participants	Clearing	15	-
	Credit Risk Management	1	-
Market Operator	Balancing Market Settlement	1	18
	Clearing	15	-
	Credit Risk Management	1	-
	Other	-	-
Total		33	32

Table 3 – 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 01/01/2020 - 31/01/2020		
	Indicative	Initial
On Time	17	27
Same Day Late	2	4
> 1 Day Late	12	0
Total runs	31	31

Table 4 - Settlement Runs completed 01/01/2020 - 31/01/2020

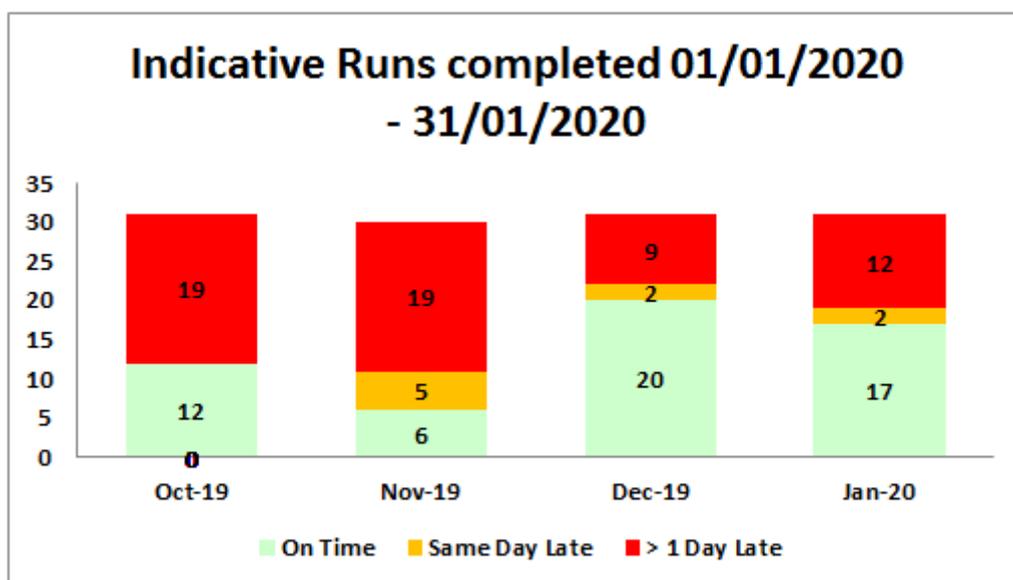


Figure 1 Indicative Settlement Runs Completed

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

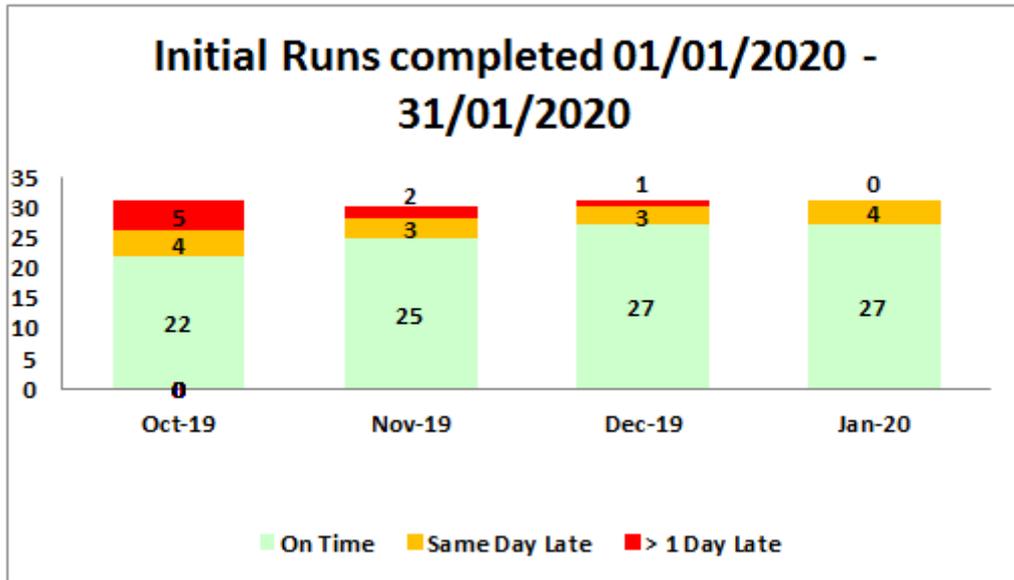


Figure 2 Initial Settlement Runs Completed

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 5 working days after the last day of the billing period.

Settlement Documents completed 01/01/2020 - 31/01/2020	
	No. of Weeks
On Time	5
Same Day Late	1
> 1 Day Late	0
Total runs	6

Table 5 - Settlement Documents completed 01/01/2020 - 31/01/2020

3.3 M+4 and M+13 Resettlement

M+4 Resettlement processing occurred on time for the month of January 2020 as scheduled in the Settlement Calendar.

M+13 Resettlement processing occurred on time for the month of January 2020 as scheduled in the Settlement Calendar.

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 January 2020 to 31 January 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	7,930,326
CPREMIUM	Premium Payment	11,736,555
CFC	Fixed Cost Payment or Charge	2,696,080
CIMB	Imbalance Payment or Charge	1,710,642
CAOOPO	Offer Price Only Accepted Offer Payment or Charge	-52,053
CCURL	Curtailment Payment or Charge	-471,418
CABBPO	Bid Price Only Accepted Bid Payment or Charge	11,122
CTEST	Testing Charge	-747
CDIFFCWD	Within-day Difference Charge	-6,354
CCA	Currency Adjustment Charge	-47,006
CUNIMB	Uninstructed Imbalance Charge	-219,724
CSOCDIFFP	Difference Payment Socialisation Charge	-343,439
CREV	Residual Error Volume Charge	-2,212,722
CIMP	Imperfections Charge	-32,653,184
Total		-11,921,923

Table 6 - 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	29,119,937
CCC	Fixed Market Operator Charge Supplier Units	-31,126,427
Total		-2,006,490

Table 7 - 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
CMOAU	Fixed Market Operator Charge Generator Units	-58,594
CMOAV	Fixed Market Operator Charge Supplier Units	-1,522
CVMO	Variable Market Operator Charge	-1,215,624
Total		-1,275,740

Table 8 - Market Operator Charges

4.2 Financial Changes between Initial Settlement and Subsequent Reruns

During the month of January 2020:

- M+4 Resettlement has been completed for Settlement Dates 31/03/2019 to 08/06/2019
- M+13 Resettlement has been completed for Settlement Dates 04/11/2018 to 15/12/2018

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
CPREMIUM	€1,121,503
CFC	-€12,642,614
CDIFFCNP	-€425
CDIFFPIMB	-€25
CABBPO	-€106,877
CTEST	€0
CCA	-€559
CCURL	€8,908
CSOCDIFFP	-€7,224
CREV	-€39,651
CUNIMB	€203,146
CIMP	-€205,059
CAOPO	-€63,125
CDIFFCWD	-€616
CDISCOUNT	€1,489,462
CIMB	-€1,994,230
Total	-€12,237,385

Table 9 - Balancing Market Resettlement

Capacity Market Resettlement	
Component	Difference
CCP	€4,123
CCC	-€314,245
Total	-€310,121

Table 10 - Capacity Market Resettlement

Market Operator Charges Resettlement	
Component	Difference
CMOAV	€0
CMOAU	-€73
CVMO	-€19,563
Total	-€19,636

Table 11 - 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 12 - Helpdesk Query Statistics cover the month of January 2020.

Received	Resolved	Open
233	229	82

Table 12 – Helpdesk Query Statistics

The average resolution time for queries in January 2020 was 18.2 working days.

Definitions

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

5.2 Settlement Queries

There were 19 Formal Settlement queries raised in January 2020.

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

Topic (upheld Queries)	Number of Queries
QEX	1
CIMB	1
CFC	3

Table 13 – 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 January 2020 can be found in **Appendix D**.

5.3 Disputes

One Dispute (Pricing) has been raised in the month of January 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 January 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 January was €41.84.

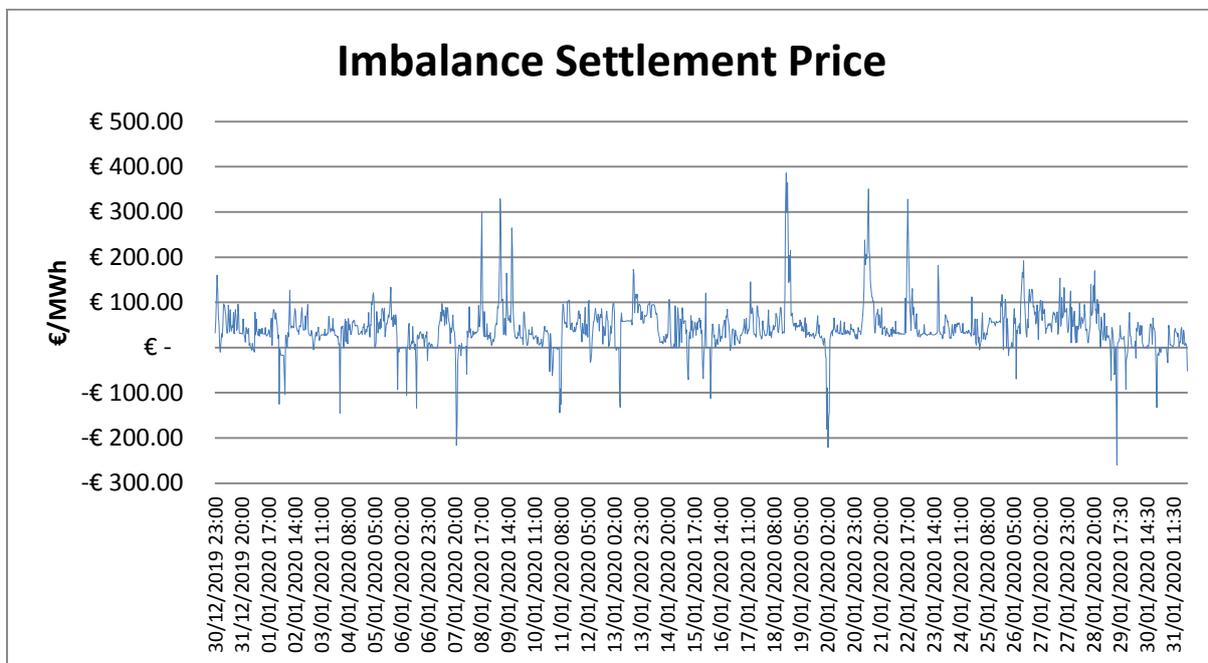


Figure 3 – Imbalance Settlement Price

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.

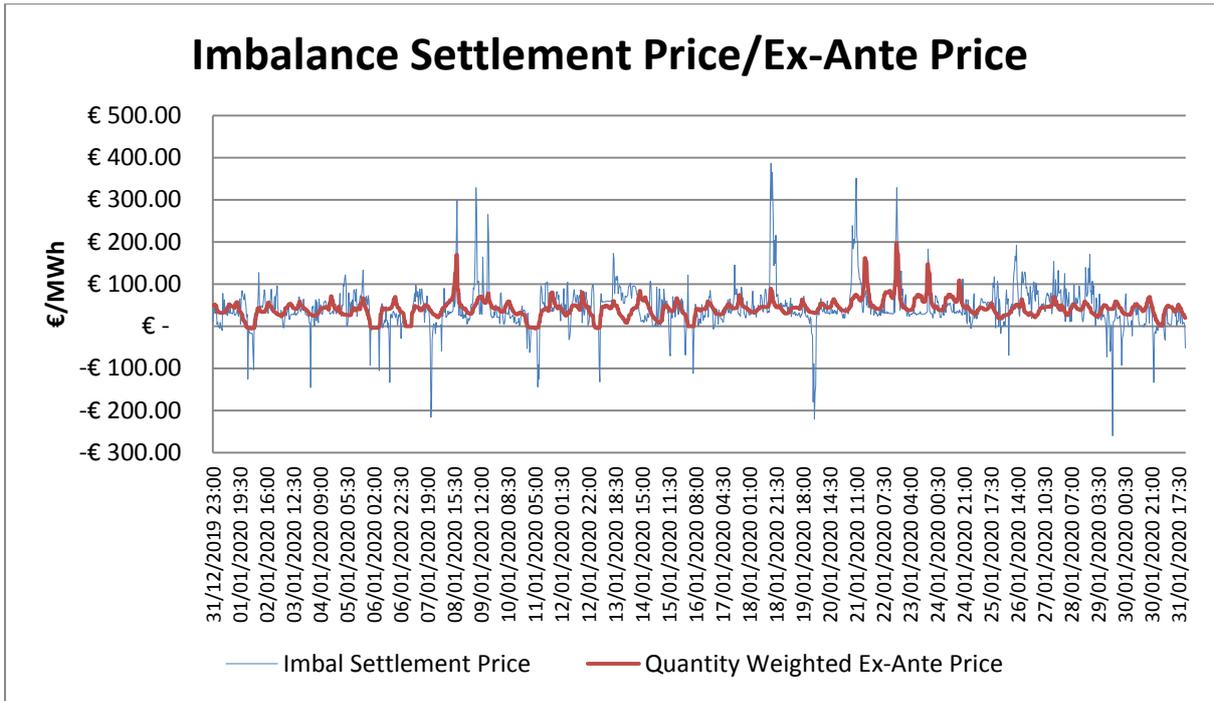


Figure 4 –Imbalance Settlement Price & Quantity Weighted Ex-Ante Price Comparison

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

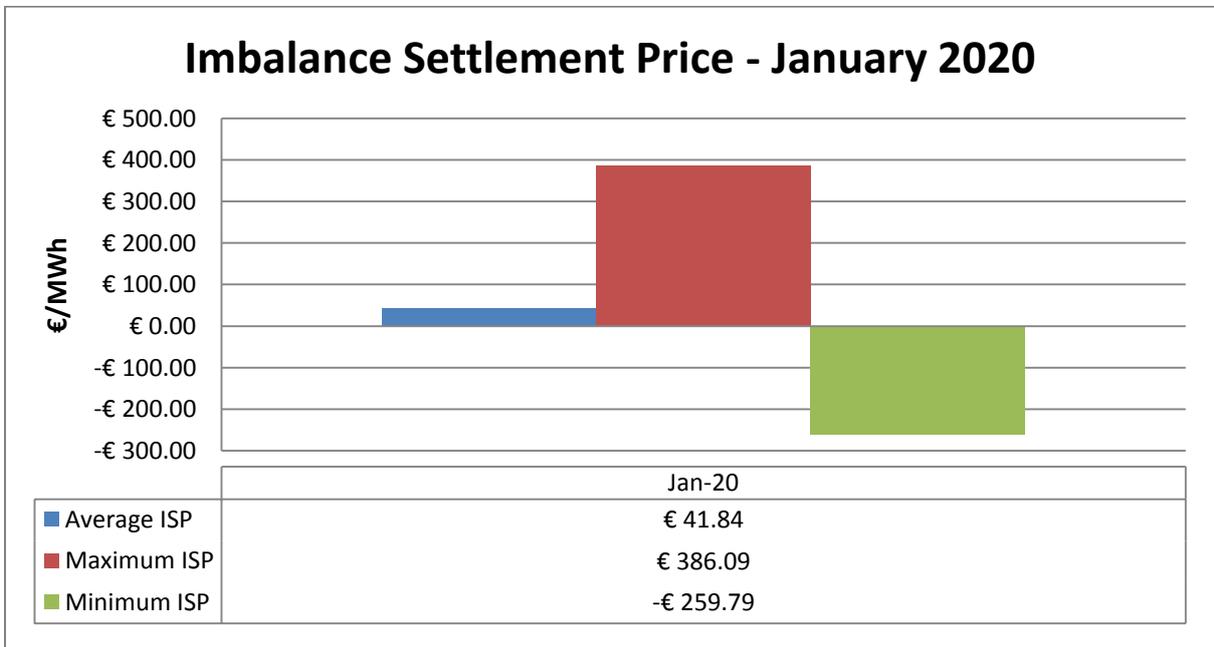


Figure 5 –Highest, Lowest and Average Imbalance Prices

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**.

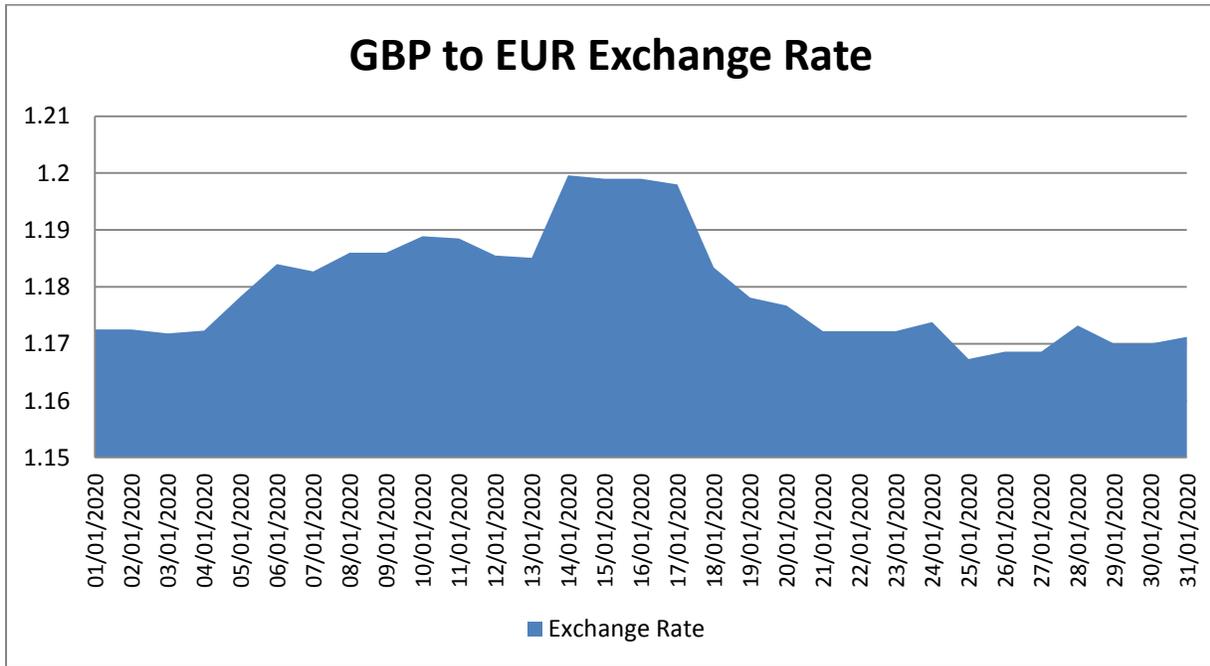


Figure 6 –GBP to EUR Exchange Rate

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 5 Market Back Up Prices published; as a result 17 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 January 2020 and 31st January 2020. Table 14 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 January 2020		

Table 14: Balancing Market: Trading & Settlement Code Modifications Committee Meetings

At the Modifications Committee Meeting, decisions are made with regard to progressing various Modification Proposals. Table 15 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 15 - 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 14).

Full details of all modifications progressed during the year are available in the [Balancing Market Modifications section](#) of the SEMO website.

8 Central Systems

8.1 System Releases

There were no releases in January.

8.2 System Availability

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

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

Table 16 - 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 January 2020.

There were no GCFs during the month of January 2020.

There were no GSFs during the month of January 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
13/01/2020	D+1	Timing	SONI	File submission of Actual Availability	Delay of 1 Business Day	Minor	Closed
17/01/2020	D+1	Timing	MRSO	File submission of metering data	Delay of 1 Business Day	Minor	Closed
18/01/2020	D+1	Timing	MRSO	File submission of metering data	Delay of 1 Business Day	Minor	Closed
19/01/2020	D+1	Timing	MRSO	File submission of metering data	Delay of 1 Business Day	Minor	Closed
21/01/2020	D+1	Timing	MRSO	File submission of metering data	Delay of 4 mins	Minor	Closed
23/01/2020	D+1	Timing	MRSO	File submission of metering data	Delay of 17 mins	Minor	Closed
24/01/2020	D+1	Timing	MRSO	File submission of metering data	Delay of 20 mins	Minor	Closed
25/01/2020	D+1	Timing	MRSO	File submission of metering data	Delay of 23 mins	Minor	Closed
26/01/2020	D+1	Timing	MRSO	File submission of metering data	Delay of 26 mins	Minor	Closed
26/01/2020	D+1	Timing	SONI	File submission of Actual Availability	Delay of 21 mins	Minor	Closed
27/01/2020	D+1	Timing	MRSO	File submission of metering data	Delay of 1 Business Day	Minor	Closed
30/01/2020	D+1	Timing	SONI	File submission of Actual Availability	Delay of 4 mins	Minor	Closed
31/01/2020	D+1	Timing	MRSO	File submission of metering data	Delay of 167 mins	Minor	Closed
14/01/2020	D+4	Timing	MRSO	File submission of metering data	Delay of 1 Business Day	Minor	Closed

Table 17 - Meter data provider breaches

Market Participant Breaches

PT name	Invoiced period	Market	Default issued due to	Default letter issued	T & SC Breach	Status
Ecopower Supply Limited	WK_50_2019	BMCRM	Timing	Yes	Major	Closed
IBERDROLA IRELAND LIMITED	WK_51_2019	BMCRM	Timing	Yes	Major	Closed
Dunmore Power Supply Limited	RS 27.04.2019	BMCRM	Timing	Yes	Major	Closed
Gruig Wind Farm Limited	RS 27.04.2019	BMCRM	Timing	Yes	Major	Closed
Crighshane Wind Farm Limited	RS 27.04.2019	BMCRM	Timing	Yes	Major	Closed
Gortmullan Energy Limited	RS 27.04.2019	BMCRM	Timing	Yes	Major	Closed
Church Hill Wind Farm Limited	RS 27.04.2019	BMCRM	Timing	Yes	Major	Closed
AXPO UK LIMITED	WK_52_2020	BMCRM	Timing	Yes	Major	Closed
Dan Twomey Waterpower Engineering Limited.	DEC_2019	MO	Timing	Yes	Major	Closed
Arden Energy Limited	DEC_2019	MO	Timing	Yes	Major	Closed
AC Automation UK Limited	DEC_2019	MO	Timing	Yes	Major	Closed
Dunmore Wind Farm Limited	DEC_2019	MO	Timing	Yes	Major	Closed
Just Energy (Ireland) Limited	WK_01_2020	BMCRM	Timing	Yes	Major	Closed
Tynagh Energy Limited	RS_30042019	MO	Timing	Yes	Major	Closed
Energi Danmark A/S	Wk_02_2020	BMCRM	Timing	Yes	Major	Closed

Table 18 - Clearing Default Notices

Ops Date identified	PT Name	Issue Type	Default Letter Sent	Cause	Resolution	Closed	T & SC Breach
25/01/2020	Just Energy Ireland Limited	Credit	Yes	CCIN was not resolved within the T&S Code timeframes	Invoice Paid	30/01/2020	Major

Table 19 - Credit Default Notices

Market Operator Breaches

Ops Date Identified	Periods affected	Run Type	Quality or Timing	Party	Issue Type	Description	Cause	Resolution	T&SC Breac	Status
1st	1	Indicative	Timing	SEMO	DAI/DT Trades	Indicative runs were published late after target day due to a delay with processing DAI/DT data	Day ahead trades for the 1st did not import successfully into the settlement systems	Day ahead trades successfully imported allowing indicative settlements to be completed	Minor	Closed
6th	1	Indicative	Timing	SEMO	Late MDP data	Indicative runs were published late on target day due to receiving DI's late	Received SONI DI's late	DI's received from SONI and indicatives completed	Minor	Closed
15th	1	Indicative	Timing	SEMO	Operator Processing	Operator Processing issue	Incorrect date chose for indicative IP run	Correct date processed for IP allowing indicative run to complete successfully	Minor	Closed
17th, 18th, 19th, 27th	4	Indicative	Timing	SEMO	Late MDP data	Indicative runs were published late after target day due to a delay with MDP data	Metered data from MRSD provided late due to ongoing MRSD certificate issue	Meter data files from MRSD received manually and indicatives completed	Minor	Closed
20th	1	Indicative	Timing	SEMO	Settlements Data processing timelines	Indicative runs were published late after target day due to an overrun of processing time required for settlement run	Indicative process delayed due to back log MRSD data being delayed for previous days.	Back log of meter data from MRSD received and indicatives completed	Minor	Closed
24th-26th, 31st	4	Indicative	Timing	SEMO	Late MDP data	Indicative runs were published late on target day due to a delay with MDP data	Metered data from MRSD provided late	Meter data from MRSD received and indicatives completed	Minor	Closed
22nd	1	Indicative	Timing	SEMO	Late MDP data	Indicative runs were published late after target day due to manual data submission being required	Metered data from MRSD entered manually	Metered data successfully imported allowing indicative settlements to be completed	Minor	Closed
28th	1	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

Table 20 – Delays to Indicative Settlement

Ops Date Identified	Periods affected	Run Type	Quality or Timing	Party	Issue Type	Description	Cause	Resolution	T&SC Breac	Status
14th, 20th, 21st	3	Initial	Timing	SEMO	Settlements Data processing timelines	Initial runs were published late on target day due to an overrun of processing time required for settlement run	Initial 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
30th	1	Initial	Timing	SEMO	Registration	Initial run was published late on target day due to registration issues	Processing back log due to registration issue that started on the 05/02	Registration process to be monitored.	Minor	Closed

Table 21 – Delays to Initial Settlement

Dps Date Identified	Periods affected	Run Type	Quality or Timing	Party	Issue Type	Description	Cause	Resolution	T&SC Breach	Status
13/01/2020 - 25/01/2020		Settlement Documents	Timing	SEMD	Settlements Data processing timelines	Settlement Documents for the billing period of 19/01/2020-25/01/2020 were published late on the the 31/01/2020	Known issues report KIR IDs 6148 & 155031 impacted Settlement Document publication timelines	Settlement Documents for the billing period of 19/01/2020-25/01/2020 were published late at 1.15pm on the 31/01/2020. Payments in and out dates were adjusted by one business days to reflect the delay.	Major	Closed

Table 22 – Delays to Settlement Documents

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

11 Appendix C: Settlement Publication Timings

Indicative Settlement

Operational Date	Market	Run	Period End Date	Target Date & Time	Publish Date & Time
02/01/2020	BALIMB	Indicative	01/01/2020	02/01/2020 17:00	03/01/2020 12:24
03/01/2020	BALIMB	Indicative	02/01/2020	03/01/2020 17:00	03/01/2020 16:38
06/01/2020	BALIMB	Indicative	03/01/2020	06/01/2020 17:00	06/01/2020 15:10
06/01/2020	BALIMB	Indicative	04/01/2020	06/01/2020 17:00	06/01/2020 15:45
06/01/2020	BALIMB	Indicative	05/01/2020	06/01/2020 17:00	06/01/2020 16:40
07/01/2020	BALIMB	Indicative	06/01/2020	07/01/2020 17:00	07/01/2020 17:16
08/01/2020	BALIMB	Indicative	07/01/2020	08/01/2020 17:00	08/01/2020 16:16
09/01/2020	BALIMB	Indicative	08/01/2020	09/01/2020 17:00	09/01/2020 16:52
10/01/2020	BALIMB	Indicative	09/01/2020	10/01/2020 17:00	10/01/2020 16:36
13/01/2020	BALIMB	Indicative	10/01/2020	13/01/2020 17:00	13/01/2020 16:31
13/01/2020	BALIMB	Indicative	11/01/2020	13/01/2020 17:00	13/01/2020 16:36
13/01/2020	BALIMB	Indicative	12/01/2020	13/01/2020 17:00	13/01/2020 16:42
14/01/2020	BALIMB	Indicative	13/01/2020	14/01/2020 17:00	14/01/2020 16:40
15/01/2020	BALIMB	Indicative	14/01/2020	15/01/2020 17:00	15/01/2020 16:24
16/01/2020	BALIMB	Indicative	15/01/2020	16/01/2020 17:00	17/01/2020 09:20
17/01/2020	BALIMB	Indicative	16/01/2020	17/01/2020 17:00	17/01/2020 16:52
20/01/2020	BALIMB	Indicative	17/01/2020	20/01/2020 17:00	21/01/2020 16:19
20/01/2020	BALIMB	Indicative	18/01/2020	20/01/2020 17:00	21/01/2020 17:05
20/01/2020	BALIMB	Indicative	19/01/2020	20/01/2020 17:00	22/01/2020 09:53
21/01/2020	BALIMB	Indicative	20/01/2020	21/01/2020 17:00	22/01/2020 09:56
22/01/2020	BALIMB	Indicative	21/01/2020	22/01/2020 17:00	22/01/2020 16:42
23/01/2020	BALIMB	Indicative	22/01/2020	23/01/2020 17:00	24/01/2020 10:24
24/01/2020	BALIMB	Indicative	23/01/2020	24/01/2020 17:00	24/01/2020 16:51
27/01/2020	BALIMB	Indicative	24/01/2020	27/01/2020 17:00	28/01/2020 11:18
27/01/2020	BALIMB	Indicative	25/01/2020	27/01/2020 17:00	28/01/2020 11:24
27/01/2020	BALIMB	Indicative	26/01/2020	27/01/2020 17:00	28/01/2020 11:53
28/01/2020	BALIMB	Indicative	27/01/2020	28/01/2020 17:00	29/01/2020 13:37
29/01/2020	BALIMB	Indicative	28/01/2020	29/01/2020 17:00	29/01/2020 17:55
30/01/2020	BALIMB	Indicative	29/01/2020	30/01/2020 17:00	30/01/2020 16:51
31/01/2020	BALIMB	Indicative	30/01/2020	31/01/2020 17:00	31/01/2020 16:45
03/02/2020	BALIMB	Indicative	31/01/2020	03/01/2020 17:00	04/02/2020 15:03

Table 23 – Indicative Settlement Publication times

Initial Settlement

Operational Date	Market	Run	Period End Date	Target Date & Time	Publish Date & Time
08/01/2020	BALIMB	Initial	01/01/2020	08/01/2020 12:00:00	08/01/2020 11:10
09/01/2020	BALIMB	Initial	02/01/2020	09/01/2020 12:00:00	09/01/2020 11:27
10/01/2020	BALIMB	Initial	03/01/2020	10/01/2020 12:00:00	09/01/2020 14:48
10/01/2020	BALIMB	Initial	04/01/2020	10/01/2020 12:00:00	09/01/2020 17:16
10/01/2020	BALIMB	Initial	05/01/2020	10/01/2020 12:00:00	10/01/2020 11:02
13/01/2020	BALIMB	Initial	06/01/2020	13/01/2020 12:00:00	13/01/2020 11:10
14/01/2020	BALIMB	Initial	07/01/2020	14/01/2020 12:00:00	14/01/2020 11:10
15/01/2020	BALIMB	Initial	08/01/2020	15/01/2020 12:00:00	15/01/2020 11:06
16/01/2020	BALIMB	Initial	09/01/2020	16/01/2020 12:00:00	16/01/2020 13:06
17/01/2020	BALIMB	Initial	10/01/2020	17/01/2020 12:00:00	17/01/2020 08:26
17/01/2020	BALIMB	Initial	11/01/2020	17/01/2020 12:00:00	17/01/2020 08:41
17/01/2020	BALIMB	Initial	12/01/2020	17/01/2020 12:00:00	17/01/2020 10:41
20/01/2020	BALIMB	Initial	13/01/2020	20/01/2020 12:00:00	20/01/2020 11:39
21/01/2020	BALIMB	Initial	14/01/2020	21/01/2020 12:00:00	21/01/2020 16:23
22/01/2020	BALIMB	Initial	15/01/2020	22/01/2020 12:00:00	22/01/2020 11:12
23/01/2020	BALIMB	Initial	16/01/2020	23/01/2020 12:00:00	23/01/2020 10:57
24/01/2020	BALIMB	Initial	17/01/2020	24/01/2020 12:00:00	24/01/2020 07:49
24/01/2020	BALIMB	Initial	18/01/2020	24/01/2020 12:00:00	24/01/2020 07:53
24/01/2020	BALIMB	Initial	19/01/2020	24/01/2020 12:00:00	24/01/2020 10:38
27/01/2020	BALIMB	Initial	20/01/2020	27/01/2020 12:00:00	27/01/2020 14:17
28/01/2020	BALIMB	Initial	21/01/2020	28/01/2020 12:00:00	28/01/2020 11:46
29/01/2020	BALIMB	Initial	22/01/2020	29/01/2020 12:00:00	29/01/2020 10:59
30/01/2020	BALIMB	Initial	23/01/2020	30/01/2020 12:00:00	30/01/2020 11:00
31/01/2020	BALIMB	Initial	24/01/2020	31/01/2020 12:00:00	31/01/2020 08:58
31/01/2020	BALIMB	Initial	25/01/2020	31/01/2020 12:00:00	31/01/2020 09:01
31/01/2020	BALIMB	Initial	26/01/2020	31/01/2020 12:00:00	31/01/2020 11:37
03/02/2020	BALIMB	Initial	27/01/2020	03/02/2020 12:00:00	03/02/2020 11:35
04/02/2020	BALIMB	Initial	28/01/2020	04/02/2020 12:00:00	04/02/2020 09:47
05/02/2020	BALIMB	Initial	29/01/2020	05/02/2020 12:00:00	05/02/2020 11:46
06/02/2020	BALIMB	Initial	30/01/2020	06/02/2020 12:00:00	06/02/2020 15:48
07/02/2020	BALIMB	Initial	31/01/2020	07/02/2020 12:00:00	07/02/2020 08:46

Table 24 – Initial Settlement Publication times

12 Appendix D: List of Queries by Type

Date Sent	Due Date	Query Ref No.	Charge Component
06/01/2020	17/02/2020	F0085429	QEX
07/01/2020	04/02/2020	F0085430	CFC
07/01/2020	04/02/2020	F0085431	CFC
07/01/2020	04/02/2020	F0085432	CFC
10/01/2020	07/02/2020	F0085434	CIMB

Table 25- Upheld Queries

Date Sent	Due Date	Query Ref No.	Charge Component
08/01/2020	19/02/2020	F0085433	CIMB
10/01/2020	21/02/2020	F0085435	CSUR
21/01/2020	03/03/2020	F0085452	CIMB
22/01/2020	04/03/2020	F0085456	CIMB
22/01/2020	19/02/2020	F0085458	CFC
23/01/2020	20/02/2020	F0085463	CIMB
24/01/2020	21/02/2020	F0085465	CCP
24/01/2020	21/02/2020	F0085466	CFC
24/01/2020	21/02/2020	F0085467	CFC
27/01/2020	24/02/2020	F0085468	CFC
29/01/2020	26/02/2020	F0085471	CFC
29/01/2020	26/02/2020	F0085472	CFC
29/01/2020	26/02/2020	F0085473	CFC
29/01/2020	26/02/2020	F0085474	CFC

Table 26- Unresolved Formal Queries