Balancing Market

ID	Name	Description	Impact to Market Participants	Status	Resolution Date	Release Date	Release Version	Date Added	Date Modified
147498 (5977)	REPT_082	REPT_082 PUB_AvgOutturnAvail is publishing data for de-registered units	May cause issues for Market Participants that are validating against PUB_DailyRegisteredUnits	In Analysis	Release: Delivered in Release G Resolution: Resolution not fully successful, workaround implemented. Subject to further change.	29 June 2021		Friday 29 March 2019	Friday 2 July 2021
147526 (5942)	VTOD Changes Taking Effect on Approval	Approved changes to VTOD are taking effect on the operational day that the change is approved, rather than the next Trading Day for which Gate Closure 1, has not yet occurred.	VTOD changes will take effect in the market systems on the date of approval. Note – SEMO are implementing a workaround whilst this defect remains open.	In Analysis	Release: Delivered in Release G Resolution: Resolution not fully successful, workaround implemented. Subject to further change.	29 June 2021		Friday 15 March 2019	Friday 2 July 2021
179136 (168634)	Incorrect application of COD in Imbalance Pricing	Imbalance Pricing is in certain circumstances applying Complex COD for a Price Bid Offer Acceptance (PBOA); where Simple COD should be applied.	Incorrect PBOA values being applied, resulting in impact to Imbalance Price.	In Analysis	Release TBC Resolution: Software update from vendor			Sunday 22 March 2020	

SEMO Settlement

ID	Name	Description	Impact to Market Participants	Status	Resolution Date	Release Date	Release Version	Date Added	Date Modified
147496 (5980)	CRM Unit Capacity values being knocked off following Reg import due to overlapping date ranges	A number of unit CRM Unit capacity is being set to zero following the import of registration data. This is due to a system defect of how it handles overlapping dates	Where the CRM unit capacity was replaced with a zero due to overlapping dates, Capacity payments will not have been calculated due to missing qCCOMMISS value	In Analysis	Release TBC Resolution: Software update from vendor			Friday 17 May 2019	
146749 (5447)	Currency Jurisdiction being set to NULL where jurisdiction is not ROI or NI.	REPT_055, REPT_056, REPT_059, REPT_060 currency publication being set to null where jurisdiction is not ROI or NI.	Publication error where a units jurisdiction is registered other than ROI or NI.	In Analysis	Future Release - Not targeting Rel F Resolution: Software update from vendor			Friday 13 December 2019	Friday 23 October 2020
172107	CFC CSU Not Processed Correctly	There are two problems with payment of Startup cost in situations where there are two (or more) Periods of Physical Operation (PPOP) that starts within a Settlement Imbalance Period. 1) It is only the last Periods of Physical Operation (PPOP) that will get the Startup Cost as the function in CSB does an update of the interval value instead of an addition of each of the PPOP values. This is easy to fix in CSB. 2) The warmth state is not set correct for the second (or third/fourth...) PPOP. The warmth state is given by MA as a Settlement Imbalance Period flag per resource.	In the situation with a unit X for the half hour period ending 19:00 on 25.08.19: Both of the PPOP will have a warmth state set to C (cold). This does not matter for this specific scenario since the Hot/Warm/Cold Start Up costs are all the same, but that is not always the situation.	Partially Resolved	Release: Part Confirmed for Release G Resolution: CSB portion resolveded – MMS fix to follow in future release	29 June 2021		Friday 12 June 2020	Friday 2 July 2021
147213	MMS/OUI	Defect- Incorrect Heat State as part of default initial conditions	The incorrect heat state is being picked when default initial conditions are applied after a missed power.	Planned Resolution	TBC			Friday 6 November 2020	Friday 2 July 2021
146691	MMS/OUI	QBOA_S014_C005: No QBOA's created for a Unit when SYNC & MWOF instructions are issued & cross the Settlement Day Boundary, QBOAs are created from 23:30 - 00:00, but none created the next day.	No QBOA's created for a Unit when SYNC & MWOF instructions are issued & cross the Settlement Day Boundary, QBOAs are created from 23:30 - 00:00, but none created the next day.	In Analysis	TBC Resolution: Referred to vendor			Friday 6 November 2020	
198848	CSUR Heat State defect – Changing Heat State @M13	There are examples of Heat States for CSUR being changing from correct values at M4 resettlement (prior to Release F) to incorrect at M13 resettlement (following Release F).	No impact going forward as worked around in production is in place. One formal query prior to this was caught in production.	In Analysis	Being worked around in production with updated procedures to correct the resettlement initial conditions.			Friday 27 November 2020	Friday 4 December 2020
146871	Incorrect Instruction Profile created	Incorrect Instruction Profile created I scenarios being investigated by the Vendor (ABB)	BOA volumes may be incorrect in a small specific number of scenarios affecting BALIMB Settlement amounts	In Analysis	TBC Resolution: Referred to vendor			Friday 4 December 2020	
146559	Incorrect DQ calculation for Interconnectors, feeding to settlement	Workaround implemented in settlements so no impact on PTs	I/C BOA volumes may be incorrect in a small specific number of scenarios affecting BALIMB Settlement amounts	In Analysis	TBC Resolution: Referred to vendor			Friday 4 December 2020	
149483	Number of instances where instructions are not being processed correctly in IPQBOA	Related to recent issue in production settlement leading to IP failure and settlement processing being stopped	BOA volumes may incorrect in a small specific number of scenarios affecting BALIMB Settlement amounts	In Analysis	TBC Resolution: Referred to vendor			Friday 4 December 2020	
146857	Process does not allow TOD to change	Process does not allow TOD to change on 23:00 (currently a single TOD set per settlement day only is facilitated)	No effect on BALIMB settlement amounts to date	In Analysis	TBC Resolution: Referred to vendor			Friday 4 December 2020	
203824	Calculation of PTB for DSU & TSSU	Incorrect settlement of CEADSU and TSSU metering during high price events	Incorrect settlement of CEADSU and TSSU metering during high price events is leading to an incorrect outcome for TSSU's linked to a DSU	In Analysis	TBC Resolution: Referred to vendor			Friday 8 January 2021	
200756	IP ONLINE failing due to FPN Cross Point error - Enduring fix	• A SYNC with MWOF less than MINGEN is issued for GU_X at 08:00 GMT. So, MWOF is set to the MINGEN. • There are then multiple MWOF instructions (effective at 08:30, 09:00, 12:59..) soon after the SYNC. These overlapping MWOF instructions cause the unit to go below the MINGEN. • This caused the instruction profile to stay below the MINGEN. As a result, the SYNC is not processed as the software fails to calculate the time at which it reaches PMIN. • This results in erroneous QBOA orders and volumes for rest of the intervals. • This is a case of SYNC overlap which is not designed in the current software	No Bid Offer Acceptance volumes created for the affected ISPs, resulting in incorrect settlement outcomes	In Analysis	TBC Resolution:			Friday 22 January 2021	
208208 (200702 & 200785)	Incorrect BOAs caused by dwelling profiles	A defect has been identified for some BOA volumes which we believe are incorrect. These BOAs occurred in M+4. Sample unit has dwell trigger points of 48MW and 96MW on the 04/02/2020. The unit is at 48MW since the night before. Once the FPN changes from 48MW to 49MW, each PISP does not close automatically but must dwell either once or twice before closing. An incorrect PISP volume appears to be created.	Small materiality for BALIMB M4 Resettlement for a specific unit and date.	In Analysis	TBC Resolution:			Friday 12 February 2021	
208126	Incorrect CNL Payments	A defect has been identified for CNL being paid in periods when we believe it should not be. On review, a question was raised as to why CNL was being paid for the period of 21:30 on the 18/11/2020 despite the unit having a non-zero FPN in this period. When this was examined, it was determined this was not the only occurrence of this. The Trading and Settlement Code is clear that if the FPN is non-zero for any point in a settlement period, then CNL should be zero. In each of the impacted periods, the unit FPN is returning to 0. However, as the FPN was non-zero in the period, CNL should be 0.	Materiality for BALIMB settlement with materiality across the market estimate to be around €300K i.e. CFC payments that where incorrectly paid.	In Analysis	TBC Resolution:			Friday 12 February 2021	
146691	(UNDO) No QBOA's created for a Unit when SYNC & MWOF instructions are issued & cross the Settlement Day Boundary	For Unit, GU_X, a SYNC and MWOF is issued right before the Settlement Day boundary where the instructions close crossing the Settlement Day boundary, QBOA's should be created in the next settlement day as the instructions close across the Settlement Day boundary and the Unit has a none zero FPN. Potentially requires a system change request to cover this and other related UNDO defects.	No QBOA volumes created affecting settlement outcomes for specific unit and trading period.	In Analysis	TBC Resolution:			Friday 19 February 2021	
210214	PBOA issue 1 – unit incorrectly settled on Complex COD in settlement	For ISP 13:00 (04/02/2020), complex inc prices were €xx.xx for order 2 band 4 and €yy.yy for order 2 band 5. The corresponding simple prices were €x1.x1 and €y1.y1 respectively. The complex prices were used despite the DIs after gate closure and FSO/TNIV =1 for all 5 minute periods in the ISP	Unit incorrectly settled on Complex COD in settlement ISP	In Analysis	TBC Resolution:			Friday 19 February 2021	
210215	PBOA issue 2 – unit incorrectly settled on Complex COD in settlement	Within the 15:30 (04/02/2020) ISP, GU_X has been settled on both simple and complex. There is no data in the Imbalance Price BOA Output table i.e. no tags/flags present for this unit during this time so the TNIV/FSO should default to 1 (pre-CR91). Therefore we believe order 5 has been incorrectly settled on complex COD.	Unit incorrectly settled on Complex COD in settlement ISP	In Analysis	TBC Resolution:			Friday 19 February 2021	
210216	PBOA issue 3 – PBOA value present when QBOA is zero in settlement	For GU_Y on 04/02/2020 14:00 - order 2, band 1: PBOA_QAO of €xxx.xx is applied while QAO is 0. We suspect a value may have been calculated for QAO but it is extremely small (<0.01) and it is then rounded to 0, but PBOA is still applying.	Incorrect PBOA value present when QBOA is zero in settlement for an ISP	In Analysis	TBC Resolution:			Friday 19 February 2021	
210217	PBOA issue 4 – COD from incorrect ISP applied in settlement	On 19/11/2020 00:00 (last ISP on 18/11/2020), GU_Z was settled on complex with PBOA_QAB of €xx.xx. However €xx.xx is not the COD that was submitted for this ISP. €yy.yy relates to COD that was submitted earlier in the day on 18/11/2020, specifically for trade date 18th (17/11/2020 23:00 to 18/11/2020 23:00) so should not apply to 19/11/2020 00:00.	Incorrect PBOA value used in ISP as COD from incorrect period applied in settlement	In Analysis	TBC Resolution:			Friday 19 February 2021	
209147	QABNF appears incorrect in the Settlement Calculations for a specific unit.	QABNF appears incorrect in the Settlement Calculations for a specific unit. It appears that SEMO might be using a 0 QM in the QFPNNF calculation rather than the QM of the SU.	Incorrect QABNF in settlement calculation for a specific generator unit for a specific date.	In Analysis	TBC Resolution:			Friday 19 February 2021	

210568	PSU QD being set to QM for calculations (other than CUNIMB)	CSB reports QD as equal to the QM value when pumping, which it does for purposes of CUNIMB not applying to PS units in Pump or transition mode (TSC F.9.4.2), but the profiler and QBOA calculation follows the profiling rules and calculates the QBOA profiles to the pumping capacity of the unit (TSC Appendix O Table 9). The PSU profiled QD is reported in Rept_068. However, QD that is set to QM is being inputted into the undelivered quantity calculations for PSUs in pump mode also (rather than the profiled QD which should be used)	QD that is set to QM is being inputted incorrectly into the undelivered quantity calculations for PSUs in pump mode leading to incorrect settlement outcomes	In Analysis	TBC Resolution:			Friday 19 February 2021	
215024	Incorrect Heat State for PDIs prior to SYNC effective time	Unit: GU_XY Date: 10/08/2019 Units FPN rises from 0 at 08:06 but unit is not SYNC'd on until 18:00. Unit had not been dispatch on in a number of weeks and therefore all PISP profiles on the day in question before the unit was SYNC'd should have closed using the COLD TOD values, however all PISPs before the SYNC (except the PISP which was closed by the SYNC) closed using the units HOT TOD set.	Incorrect Heat State affecting CFC payment and recoverables for the affected periods for this unit.	In Analysis	TBC Resolution:			Friday 26 March 2021	
217939	Incorrect BOA Volumes Calculated - Adhoc Re-settlement 08/11/2018	QAO volumes were incorrectly calculated due to an issue with instruction profiling calculating volumes up to a units MEC instead of the expected level. This resulted in QAO volumes being considerable larger than expected	No impact as manual adjusted to correct volumes from previous resettlement run. Potentially will form part of a wider change request related to similar UNDO action issues.	In Analysis	TBC Resolution:			Friday 16 April 2021	
218513	Incorrect Ad-hoc BOA Volume	For one specific period, a Generator Unit received a large negative QAB volume and a large positive QAO volume. We cannot determine what occured to cause these MWh volumes to be larger than the MW volumes of FPN.	Formal Query raised by MO on behalf of PT to ensure future resettlement post ad-hoc resettlement.	In Analysis	TBC Resolution:			Friday 23 April 2021	
227553	COD retrieval over day boundary	Issue in MI that is causing Commercial Offer Data to apply incorrectly in specific scenarios. As per vendor update, this problem is applicable only to Simple COD.	In certain scenarios units can be settled on incorrect simple COD for the 23:00 and 23:30 Imbalance Settlement Periods.	In Analysis	TBC Resolution:			Friday 9 July 2021	