



| 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 | Partially Resolved | Release: not applicable Resolution: Workaround to cross check REPT_082 against PUB_DailyRegisteredUnits report | TBC | TBC | Friday 29 March 2019 | Tuesday 20 September 2022 |
| 243750 | NM Flagging of Interconnector Trades | Interconnector Trades are intermittently being flagged as Non Marginal (NM Flag = '0') within Imbalance Pricing when it should have an NM Flag of '1'. This occurs when more than one trade is placed | May result in the interconnector BOAs being flagged out the Imbalance Price calculation. Note: There is no impact to Imbalance Price calculation. | Resolved | Resolution: With release H.1 implementation of Mod 02_21 Interconnector trades are now SO flagged so this NM flagging issue is indirectly resolved and not material | Q4 2022 | H.1 | Friday 28 January 2022 | Friday 16th June 2023 |
| 235275 | SO Trade Volumes | Interconnector Trade volumes are sporadically not being received for each Imbalance Pricing Period, when a trade is placed. | The Net Imbalance Volume will be incorrect for Imbalance Pricing Periods where the SO Trade Volume has not fed into the calculation. | In Analysis | Release: TBC Resolution: Referred to vendor | TBC | TBC | Friday 28 January 2022 | Tuesday 20 September 2022 |
| 271634 | Incorrect application of PBOA in Imbalance Pricing for Pump Storage Units. | Imbalance Pricing is applying a zero PBOA for Pump Storage units when dispatched from a negative PN to zero MW; where no zero quantity has been submitted in the Price Quantity Pairs. | Incorrect PBOA values being applied, resulting in impact to Imbalance Price. Note: A workaround is currently under consideration. | Partially Resolved | Release: TBC Partially resolved in Release K, further fix required Resolution: Software update from vendor | TBC | TBC | Wednesday 5 October 2022 | Friday 15 September 2023 |
| 146609 & 146809 | Long Notice Adjustment Factor (LNAF) and System Imbalance Flattening Factor (SIFF) – Parameter defect in the Scheduling Process. | When turned ON and set to non-zero values in the schedulers within the Market Management System (MMS), the LNAF and SIFF weighting applied to the start costs of generators does not calculate correctly. | Currently there is no impact on market participants as the parameters are set to zero as agreed with the regulators and have no effect on the scheduling process. | In Analysis | Release: TBC Resolution: | TBC | TBC | Friday 5 August 2022 | Tuesday 20 September 2022 |
| 1192715 | Soak Time at Minimum Stable Generation Not Being Profiled | Soak Time at Minimum Stable Generation is not being profiled in closing of a SYNC instruction. | Limited impact, only one unit with TOD that meets this criteria; all other units have Soak Time Quantities less than Minimum Stable Generation. | In Analysis | Release: TBC Resolution: Referred to vendor | TBC | TBC | Friday 9th December 2022 | Friday 16th June 2023 |
| 1305326 | Incorrect application of PSYI Internal Pseudo Instruction in closing SYNC Profile. | PSYI incorrectly closing to FPN at target MWOF level, rather than when Minimum Stable Generation has been reached. Impacts on units with zero Min On Time. | May result in incorrect QBOA profiles, in the scenario where a MWOF has been issued greater than Minimum Stable Generation before SYNC profile has closed. | In Analysis | Release: TBC Resolution: Referred to vendor | TBC | TBC | Friday 9th December 2022 | Friday 16th June 2023 |
| 1305301 | Incorrect Heat State Application in Imbalance Pricing | Incorrect Heat State being applied within Initial Conditions after Imbalance Price is missed. | May result in incorrect QBOA profile, if unit has not reached Minimum Stable Generation. | In Analysis | Release: TBC Resolution: Referred to vendor | TBC | TBC | Friday 9th December 2022 | Friday 16th June 2023 |
| 333585 | Type 3 download issue impacting Pub_DailyLoadFst Report from the MPI. | An MPI defect is impacting the ability to download the Pub_DailyLoadFst Report via Type 3 communication channel. | The report is available to download directly from SEMO Website. | In Analysis | Release: TBC Resolution: Referred to vendor | TBC | TBC | Friday 15 December 2023 | |

| SEMO Settlement | | | | | | | | | |
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| ID | Name | Description | Impact to Market Participants | Status | Resolution Date | Release Date | Release Version | Date Added | Date Modified |
| 146559 (236999) | Incorrect DQ calculation for Interconnectors, feeding to settlement | Workaround implemented in settlements so no impact on PTs. Linked to new defect 236999 - DA and IDT Push only brings through positive values for IC; | I/C BOA volumes may be incorrect in a small specific number of scenarios affecting BALUMB Settlement amounts | Partially Resolved | Release: TBC Partially resolved in Release K, further fix required Resolution: Software update from vendor | TBC | TBC | Friday 4 December 2020 | Friday 15 September 2023 |
| 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 | TBC | TBC | Friday 17 May 2019 | Tuesday 20 September 2022 |
| 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 BALUMB Settlement amounts | In Analysis | Release: TBC Resolution: Under investigation by vendor | TBC | TBC | Friday 4 December 2020 | Tuesday 20 September 2022 |
| 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 BALUMB settlement amounts to date | In Analysis | Release: TBC Resolution: Under investigation by MO and vendor | TBC | TBC | Friday 4 December 2020 | Tuesday 20 September 2022 |
| 290054 / 300343 | Incorrect BOAs caused by PCON pseudo instruction | When there are lingering PCON instructions over the day boundary some of them are profiled with incorrect heat state. This leads to incorrect BOAs. | Incorrect BOA calculations | In Analysis | Release: Targeting M Resolution: Software update from vendor | Jun-24 | M | Friday 10 March 2023 | Friday 15 March 2024 |
| 290255 / 300296 | Incorrect QBOA due to soak / dwell times | The issue arises because the closing profiles for PISPs consider full dwell time when closing to FPN whereas MWOF did not consider dwell time as unit was already at dwell. | Incorrect BOA calculations | In Analysis | Release: Targeting M Resolution: Software update from vendor | Jun-24 | M | Friday 10 March 2023 | Friday 15 March 2025 |
| 235278 / 275573 | Issue when a unit switches from Non-controllable to Controllable | Unit can receive CUNIMB on the first day of switching from non-controllable to controllable as the controllable flag in Generator Operational Characteristics is still set to "No". As a result the QD is null but as the unit is now eligible for the charge it is calculated based on null QD. This issue only persists for one day as the flag corrects itself the next day. This defect occurs during Irish Summer Time as the start time is an hour out. | Incorrect settlement of CUNIMB | In Analysis | Release: Targeting M Resolution: Software update from vendor | Jun-24 | M | Friday 10 March 2023 | Friday 15 March 2026 |
| 320583 | QBOA for Wind Units | A change in the Instruction Profile was not captured in the ordering profile. | A change availability was not picked up mid-way through an Imbalance Settlement Period. As this was not captured correctly, it resulted in incorrect QBOA values. | In Analysis | Release: TBC Resolution: Under investigation by vendor | TBC | TBC | Friday 15 September 2023 | |
| 318254 | Incorrect Loss factor for QCNET Calculation | We identified differences in the calculation of Net Capacity Quantity (QCNET) due to a defect whereby the Loss Factor (LF) for CAUs is being determined incorrectly. | Incorrect loss factor applied to CAU during high price events | In Analysis | Release: TBC Resolution: Under investigation by vendor | TBC | TBC | Friday 15 September 2023 | |