**SEMO, SEMOpx**
**Known Issues Report**
**15 March 2019**

### SEMOpx

| ID | Name | Description | Impact to Market Participants | Status | Resolution Date | Proposed Release Date | Release Version |
|---|---|---|---|---|---|---|---|
| 92601 | ETS Auction Results Message | Message log is not retaining the message indicating availability of the ETS Auctions. | No material impact to SEMOpx Members. Members can view all auction results. Members will need to look at auction results reports/screens to determine availability of auction results, as opposed to reviewing the message log. | Unplanned | No Confirmed Delivery date | | |

### Balancing Market

| ID | Name | Description | Impact to Market Participants | Status | Resolution Date | Proposed Release Date | Release Version |
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| 5737 | Units being skipped in QBOA calculations | Unit being skipped in pricing due to "Error in Slope Calculation" causing periodic drop in NIV | QBOA is missed for a Unit, resulting in impact to Imbalance Price | Planned Release Date | In Day 1 plus scope, Quarter 1 release<br><br>Resolution:<br>Software update from vendor | March 2019 | |
| 5831 | Cancelled Dispatch Instructions are being processed in pricing | Dispatch Instructions which are cancelled with a 'Not Accepted' status are being processed in pricing | Incorrect QBOA values, resulting in impact to Imbalance Price. | Planned Release Date | In Day 1 plus scope, Quarter 1 release<br><br>Resolution:<br>Software update from vendor | March 2019 | |
| 5785 | RTQBOA: PBOA COD | Intermittent switching PBOA from Simple to Complex COD | Incorrect PBOA values, resulting in impact to Imbalance Price | Planned Release Date | In Day 1 plus scope, Quarter 1 release<br><br>Resolution:<br>Software update from vendor | March 2019 | |
| 5817 | Initial conditions being incorrectly reset in some circumstances | Initial conditions being incorrectly reset in some circumstances | Incorrect QBOA values, resulting in impact to Imbalance Price | In Analysis | In Day 1 plus scope, target to include in Rel C.<br><br>Resolution:<br>Software update from vendor | | |
| 5644 | REPT_011 Duplicate Entries | Entries for each COD offer type (Simple/Complex) leading to the duplicate entries in Daily Technical Offer Data Report | Impacting units with both Simple and Complex COD submissions. Participants to continue to use report as normal | In Analysis | In Day 1 plus scope, target to include in Rel C.<br><br>Resolution:<br>Software update from vendor | | |
| 5756 | REPT_011 | Various flags incorrect in REPT_011 (Daily Technical Offer Data Report) – PUMP_STORAGE FLAG, Fuel Type for Pumped Storage Units (linked to PUMP_STORAGE FLAG issue), Firm Access Quantity defaulting to zero for all units (should be Trading Site FAQ) | Participants to continue to use report as normal | In Analysis | In Day 1 plus scope, target to include in Rel C.<br><br>Resolution:<br>Software update from vendor | | |
| 5641 | Incorrect MW QTY values in REPT_078/079 | MW QTY values in REPT_078, _079, _080 are not being calculated correctly. | Participants cannot rely on these data until the issue is resolved. Participants should use alternate means to formulate these totals. These data are available at the individual portfolio (unit) level in the ETS Market Results files published D+1. | In Analysis | In Day 1 plus scope, target to include in Rel C.<br><br>Resolution:<br>Software update from vendor | | |
| 5751 | REPT_014: Daily Demand ControlData | REPT_014 is producing incorrect demand control values | The data in the report are incorrect and not available from other sources | In Analysis | In Day 1 plus scope, target to include in Rel C.<br><br>Resolution:<br>Software update from vendor | | |
| 5740 | Annual CLAF Report not produced and available via MPI | REPT_023: Annual CLAF Report is not produced and available via the MPI. | The Annual CLAF Report is published to the SEMO website in XLS format. The production of the XML version (specified as REPT_023) is subject to a software update from the vendor. Market Participants and General Public audiences can download the data from the SEMO website, albeit in a different format. | In Analysis | In Day 1 plus scope, target to include in Rel C.<br><br>Resolution:<br>Software update from vendor | | |
| 105605 / 5753 | List of Registered Units' report | Report currently creates multiple records for each registered unit, each one with a different trading site. It will create these multiple records for each trading site which is assigned to the unit's participant.<br>It is also creating multiple (duplicate) records with a N/A trading site | Report contains duplicate records | In Analysis | In Day 1 plus scope, target to include in Rel C.<br><br>Resolution:<br>Software update from vendor | | |
| 5497 | VTOD Soak Times | When retrieving VTOD from the MPI via type 2 or type 3, the SOAK WARM QUANTITY values are incorrect. The values shown are the SOAK HOT QUANTITY values.<br>Please note: the integrity of the VTOD set is unaffected. This is simply an incorrect display in the MPI. | This leads to confusion for MPs as they cannot view the accurate Soak WARM QUANTITY values. The SO and MO approve the correct values, and those are used in the Scheduling & Dispatch process. | In Analysis | In Day 1 plus scope, target to include in Rel C.<br><br>Resolution:<br>Software update from vendor | | |
| 5796 | REPT_042 | The Forecast Imbalance Report is not calculating the some of the data within the reports correctly. | The Net Interconnector Schedule value is incorrectly reporting as 0 when both interconnectors are on full export. The data for the Moyle Interconnector are sometimes not contained within the calculated and reported value for the Net Interconnector Schedule attribute. | In Analysis | In Day 1 plus scope, Release TBC<br>Resolution:<br>Software update from vendor | | |
| 5844 (PNs) | REPT_042 | The Forecast Imbalance Report is not calculating the some of the data within the reports correctly. | The PNS are currently being calculated incorrectly. The report presents inaccurate information. | In Analysis | In Day 1 plus scope, Release TBC<br>Resolution:<br>Software update from vendor | | |
| 5913 (TSO Demand Forecast) | REPT_042 | The Forecast Imbalance Report is not calculating the some of the data within the reports correctly. | The TSO Demand Forecast value is inaccurate as it reads from the all island values and reports inaccurate figures. The report corrects itself and is accurate leading up to the gate closure | In Analysis | In Day 1 plus scope, Release TBC<br>Resolution:<br>Software update from vendor | | |
| 82044 | The Interconnector NTC report | Report is designed to show NTC (Net Transfer Capacity) values however is currently showing the TTC (Total Transfer Capacity) values. This is due to a configuration change requested by National Grid prior to go-live | Report is designed to show NTC (Net Transfer Capacity) values however is currently showing the TTC (Total Transfer Capacity) values. This is due to a configuration change requested by National Grid prior to go-live | In Analysis | TBC<br><br>Resolution:<br>SEMO are carrying out an impact assessment as this impacts multiple IT systems and also has a knock on impact for other processes. | | |
| 5841 | REPT_102: Hourly Dispatch Instructions Report | This report will now generate even if there is a null Dispatch Instruction. However this conflicts with the XSD schema for the report | Market Participants Market tools may fail to pull this report where a dispatch instruction contains a null dispatch instruction. Report is now available in all cases were before the report was available intermittently. | In Analysis | TBC<br><br>Resolution:<br>ITS update to be provided by SEMO | | |
| 5317 | REPT_088  Net Imbalance Forecast | The report is published every hour instead of every half hour , as specified by the ITS, Volume C. | Information is available less frequently. Market Participants continue to use the information as available. | In Analysis | TBC<br><br>Resolution:<br>Software update from vendor | | |
| 5794 | REPT_030, REPT_103 | The Daily and Hourly SO Interconnector Trades reports are failing to publish to the MPI and subsequently to the SEMO website | Participant unable to acquire these data until this issue is addressed | In Analysis | TBC<br><br>Resolution:<br>Software update from vendor | | |
| SEMO_WEB.001 | SEMO and SEMOpx ongoing issues | The SEMO and SEMOpx website currently has issues with the dynamic reporting, report retention and ongoing manual workaround to publish reports | This impact report availability to participants as well as use of dynamic reporting to provide an accurate representation of the static reports. All reports are available in the static section and manual workaround are carried out on a daily basis to ensure reports are not missed | In Analysis | TBC<br><br>Resolution:<br>Software update from vendor | | |
| SEMO_WEB_002 | SEMO and SEMOpx website File retention | The SEMO and SEMOpx websites currently does not show historical reports. | MPS are unable to download historical reports from the SEMO and SEMOpx website. A CR has been raised with the website vendor to make these files available | In Analysis | TBC<br><br>Resolution:<br>Software update from vendor | | |
| 108598 | Imbalance Pricing workflow producing Backups | The Imbalance price is using the market backup price for multiple periods at a time during the night. | Participants are receiving the market backup price for multiple periods at a time. | In Analysis | TBC<br><br>Resolution:<br>Software update from vendor | | |
| 5845 | REPT_022 Showing Empty | The Initial Interconnector Flows and Residual Capacity Report (REPT_022) is produced EMPTY on the MPI, and subsequently to the SEMO website. This is an error with the vendor design that causes the report to fail when no SO Trades are available in the system. | Report unavailable to Market Participants and General Public. | In Analysis | TBC<br><br>Resolution:<br>Software update from vendor<br>CR currently in review | | |
| 5806 | DESY Pumped Storage instructions are not processing correctly | DESY Pumped Storage instructions are not processing correctly | Incorrect QBOA values, resulting in impact to Imbalance Price. A workaround has been put in place for this issue. | In Analysis | TBC<br><br>Resolution:<br>Software update from vendor | | |
| 109895 | Daily Meter Data Report (Website) | Duplicate entries are appearing in the Dynamic report for Daily meter data. | Data is currently duplicated on the following dates in the dynamic meter data report on the website.<br>17th + 27th Nov<br>7th Dec has 3 line entry per timestamp<br>13th Dec<br>11th + 19th Jan. | In Analysis | TBC<br><br>Resolution:<br>Software update from vendor | | |

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| 110321 | Incremental & Decremental Price quantity pairs | When a participant submits 9 Price Quantity Pairs for Incremental and Decremental costs curves the sequences do not see the prices as monotonically increasing and then defaults them to zero. This is a defect and has knock on impacts on the scheduling of LTS, RTC and RTD | As a workaround participants are requested to not submit 9 PQ pairs when submitting Commercial Offer Data. | In Analysis | TBC<br><br>Resolution:<br>Software update from vendor | | |
| 5952 | REPT_008: Imbalance Price Report | Total Unit Availability field within the Imbalance Price Report is being calculated incorrectly. | The report may display incorrect Total Unit Availability values. The report presents inaccurate information. | In Analysis | TBC Resolution: Software update from vendor | | |
| 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.<br><br>Note – SEMO are implementing a workaround whilst this defect remains open. | In Analysis | TBC<br><br>Resolution:<br>Software update from vendor | | |
| 112877 | Type 3 PNs Validation Error | TSO rejection of Under Test PNs that have been submitted in the same Type 3 transaction (multiple units in the same xml) as other PNs (i.e. not Under Test) will result in the rejection of all PNs at gate closure. Rather than reverting to the previous approved submission as per the design, the system will apply a 'null value'. | This will result in PNs reverting to a 'null' value for the entire period covered by the rejected PN submission.<br><br>Note – SEMO would ask Market Participants to submit Type 3 Under Test PNs in separate submissions. | In Analysis | TBC<br><br>Resolution:<br>Software update from vendor | | |
| 5329 | Reports missing 1st ISP of Trade Day | Reports not showing first ISP interval for trade date in report.<br><br>REPT_078: Aggregated Contract Quantities for Generation REPT_079: Aggregated Contract Quantities for Demand REPT_080: Aggregated Contract Quantities for Wind | The MPs will not be able to source data for the first ISP of a trade date from this report until the issue is remedied. These data can be sourced elsewhere. They are available in the ETS Market Results published on the SEMOpx website, D+1. | In the process of submission to the RA's for approval | TBC<br><br>Resolution:<br>Software update from vendor | | |
| 5587 | Missing Reports on the new SEMO Website | 2 Reports are currently not publishing to the new SEMO website. REPT_027 (Four Day Rolling Wind Forecast) and REPT_013 (Daily Commercial Offer Data) | No material impact to Market Participants or General Public as these reports are now being uploaded manually to the SEMO website. | In the process of submission to the RA's for approval | TBC<br><br>Resolution:<br>Software update from vendor | | |
| 5603 | REPT_081 hourly Anonymized INC and DEC Curves | Currently the report cumulatively adds each MW quantity to the last MW quantity rather then the difference. This results in erroneous MW values in the report. | The PQ pairs reported in REPT_081 erroneously report values that exceed the generation capacity in Ireland. The report is inaccurate and the commercial bidding behaviour of the aggregated generation on the Island is not accurately represented. | In the process of submission to the RA's for approval | TBC<br><br>Resolution:<br>Software update from vendor | | |
| 5812 | REPT_068 UOM error | The Dispatch Quantity report (REPT_068) erroneously calculates the "Dispatch Quantity" field as MW for P/S units when in pumping mode. These values should be calculated and reported as MWh. | MPs will observe incorrect values for pumping mode MWh values in this report until remedied. Settlement is unaffected as those calculations use metered generation. | Unplanned | No Confirmed Delivery date | | |
| 102081 | REPT_006: Daily DI Report | For P/S Units, intermittent representation of duplicate values (MWOF) instructions appearing. This is due to internal processing of records and does not affect the Instruction Profiling process, only the outbound report. | For P/S units, the Market Participant will need to ignore the duplicate entry until resolved. | Unplanned | No Confirmed Delivery date | | |
| 5870 | REPT_081 hourly Anonymized INC and DEC Curves | REPT_081 can contain records for a full day rather then on a 30 minutes basis as per design | Report can publish inaccurate data | Unplanned | No Confirmed Delivery date | | |
| 5195 | Report display | HTML report is displayed in UTC rather than always in local time. | This issue affects 39 reports. This is a display issue only, as the values and corresponding time interval are correct. | Unplanned | No Confirmed Delivery date | | |

| SEMO Settlement | | | | | | | |
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| 5657 | Biased Quantities for Generator Units registered as part of an Autoproducer site | Biased Quantities are currently being calculated for all generator units which is registered as part of an Autoproducer site. | The SEMO settlements team has developed a work around for this issue. We will retain the item on this list, but it has no impact on the Market Participants. | Planned Release Date | In Day 1 plus scope, Quarter 1 release<br><br>Resolution:<br>Software update from vendor | March 2019 | |
| 5688 | Bills case performance | Bill cases taking over two hours to run and process | Affects Settlement operations meeting agreed upon publication time lines | Planned Release Date | In Day 1 plus scope, Quarter 1 release<br><br>Resolution:<br>Software update from vendor | March 2019 | |
| 5888 | Metered Quantity for DSUs | DSUs should not have an undelivered quantity. Metered quantity must be made equal to the dispatched quantity | Affecting settlement calculations for DSUs, resulting in non-zero undelivered quantities, which should be zero. | In Analysis | In Day 1 plus scope, target to include in Rel C.<br><br>Resolution:<br>Software update from vendor | | |
| 5886 | Settlement reports are only being kept for 2 months | All Settlement reports produced in MMS currently only have a retention of 2 months in the MPI. They are then archived and not available through the front end | Settlement reports/documents/Statements unavailable to participants after 2 months through the MPI. Temporary workaround applied on the 21/01/2019 ensures that no further report will be removed from the MPI. Vendor is working on solution to republish all Settlement reports/documents/Statement to MPI | In Analysis | In Day 1 plus scope, target to include in Rel C.<br><br>Resolution:<br>Software update from vendor | | |
| 5940 | MPOP FPN Misalignment with MMS | Period of Market Operation Trading Period Starting points in CSB not aligned with the MM, including incorrect application of minute resolution. Should be 30 min resolution. | Not applying the correct starting points for FPNs in relation to the calculation of fixed costs for the Period of Market Operation | In Analysis | In Day 1 plus scope, target to include in Rel C.<br><br>Resolution:<br>Software update from vendor | | |
| 5909 | BOA and Start up / no load cost not being calculated when first BOA = 0 | System changes between Simple and Complex COD use when the Order of the first BOA does not equal 1. | This affects CFC calculation | In Analysis | In Day 1 plus scope, target to include in Rel C.<br><br>Resolution:<br>Software update from vendor | | |
| 5943 | Simple/Complex COD | Simple/Complex COD: Flags and Tags are not being applied in the half hours they should. Prices are being applied only to the period where the DI is effective then persisting for all associate BOAs. | Prices are being applied only to the period where the DI is effective then persisting for all associate BOAs. | In Analysis | In Day 1 plus scope, target to include in Rel C.<br><br>Resolution:<br>Software update from vendor | | |
| 5950 | Difference & NP Charges for DSUs | DSUs Day Ahead, Within Day Difference Quantities & Charges are being incorrectly applied to DSUs as per F.18.4 & F.18.5 of the TSC.<br><br>Calculation of QDIFFTRACK for DSUs being incorrectly applied to DSUs Day Ahead, Within Day Difference Quantities & Charges and Non-Performance Charges | DSUs specific – The calculation of QDIFFTRACK should be zero as per F.18.5 exclusion clause within the TSC including F2.1.2.<br><br>Ex-Ante quantities are tracked via the FNDDS calculation. | In Analysis | In Day 1 plus scope, target to include in Rel C.<br><br>Resolution:<br>Software update from vendor | | |
| 5972 | Incorrect CNLR to Generators | There are two problems:<br>a) The Fixed Cost calculation of CNLR will for (most) periods of MPOP include the interval prior to MPOP start in the summation.<br>b) The Fixed Cost calculation of CNLR will for (most) periods of MPOP not do correct check on Dispatch Quantity for the last interval. | Incorrect CNLR to Generators | In Analysis | In Day 1 plus scope, target to include in Rel C.<br><br>Resolution:<br>Software update from vendor | | |
| 5936 | Multiple instances of QAO and QAB being inconsistent | Multiple instances of QAO and QAB being inconsistent i.e. large positive QAO and a large negative QAB when FPN and QD are similar. | Multiple instances of QAO and QAB being inconsistent | In Analysis | In Day 1 plus scope, drop TBC<br><br>Resolution:<br>Software update from vendor | | |
| 5893 | Incorrect IPQBOA values | BOAs were intermittently calculated incorrectly when QD was equal to the FPN with a BOA generated. Also where QD is similar to FPN yet large variances in QAO and QAB. | IPQBOA values were not correct. Temporary workaround is in place. Permanent solution to be provided by ABB | In Analysis | In Day 1 plus scope, drop TBC<br><br>Resolution:<br>Software update from vendor | | |
| 5808 | FMOC FX rate applied not aligned with the Trade and settlement code 1.3.9. | FMOC is applying the trading day exchange rate of the last day of the month. | FMOC is applying the trading day exchange rate of the last day of the month. | In Analysis | In Day 1 plus scope, drop TBC<br><br>Resolution:<br>Software update from vendor | | |
| 5772 | Capacity Charges/Payments | CCC, CCP and CSOCDIFFP settlement for NI units not applying the Annual Capacity Exchange rate as per G.1.3.5 & G.1.3.6. Balancing market FX rate incorrect being applied. | CCC, CCP and CSOCDIFFP settlement for NI units not correct. | In Analysis | In Day 1 plus scope, drop TBC<br><br>Resolution:<br>Software update from vendor | | |
| 5944 | FPN Curve not applying Heat State to CFC inputs correctly | CSB not receiving correct FPN curve from Balancing Market resulting in incorrect Start-up status. | Incorrect or No Heat State being applied within CSB, therefore Start-Up costs not being included within the CFC calculation | In Analysis | In Day 1 plus scope, drop TBC<br><br>Resolution:<br>Software update from vendor | | |
| 5910 | Start-up flag for CSUR with Warmth State | MA is currently providing Start-up Flag and Warmth State for Synchronize Dispatch Instructions that relates to CSU calculation | This affects CFC calculation | In Analysis | In Day 1 plus scope, drop TBC<br><br>Resolution:<br>Software update from vendor | | |

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| 105608 | Dropdown filters not available on the SEMO website Settlement Calendar | SEMO Website Settlement Calendar > Publication > "Settlement Documents" is not present for users to filter. | 11/03/2019 operational day is not available and possibly additional trade dates. We will confirm these dates once available | In Analysis | TBC<br><br>Resolution:<br>Software update from vendor | | |
| 113784 | ISEM_OUI_ExPost_Instruction_Profiler_M+4_Generator Operational Characteristics _changes required for 01/10/2018 and going forward | The Controllable flag status in registration details contained within Generator Operational Characteristics that also has Technical Offer Data don't match what's in the Resource Balancing screen. This is an issue while trying to rerun IP for M+4. The registration details within Initial Ex-Post \ Initial Instruction Profile \ Instruction Profile Input \ Generator Operational Characteristics screen are incorrect compared to what's in Market Information \ Registration\ Interface Views\ Resource Balancing this is affecting controllable flag status | M+ 4 Resettlement will move back into a regression test phase for a short period and re-planned for production. An update will be provided by the settlement team with the appropriate changes made to the settlement calendar. | In Analysis | TBC<br><br>Resolution:<br>Software update from vendor | | |
| 113353 | QBOA defect for Error in Slope messages resulting in no QBOAs | There are no IP QBOAs created for GU_X at the end of the day error message appears: Error in Slope calculation for unit GU_X | No BOA volumes are generated for the units in question for certain trading periods. This results in missing BALIMB payments and charges in the billing runs. To date this has only affect thermal generator units and DSUs. | In Analysis | TBC<br><br>Resolution:<br>Software update from vendor | | |
| 5953 | Report 044 missing Accept time for QAO and QAB determinants | Settlement Report not showing Accept Times for QAO & QAB | Market Participants unable to view the accept time of QBOAs used within Settlement | In Analysis | TBC<br><br>Resolution:<br>Software update from vendor | | |
| 5923 | Metered Volumes by Jurisdiction (REPT_066) - Zero Metered Demand | Aggregated Metered Demand not being published on REPT_066. Currently only reporting Aggregated Metered Generation | Unable to view the Aggregated Metered Demand within the Report | In Analysis | TBC<br><br>Resolution:<br>Software update from vendor | | |
| 5922 | Stop Loss Limits (CSLLA/CSLLB) is not being calculated for IU and CAU | The Stop Loss Limits (CSLLA/CSLLB) calculation is looping over units with Reliability Options that are associated with a Trading Site. The settlement calculation should also include units with Reliability Options that are not associated with a Trading Site like CAU and IU units. | Stop loss limits are not being calculated for IU and CAUs for the application of the a calculated % applied to the Non-performance | In Analysis | TBC<br><br>Resolution:<br>Software update from vendor | | |
| 5890 | QD and QM not matching on long day (28/10/18) | Long Day Trading periods not aligned between MAMI and CSB. | Trading Periods misalignment has resulted in the Long day trading periods being incorrectly settled within Initial Settlement. | In Analysis | TBC<br><br>Resolution:<br>Software update from vendor | | |
| 5314 | REPT_043, _044 | The timestamp attribute in the Value element contains +1 second, which it should not. | Market participants and any third-party system providers should ignore the additional 1-second on the timestamp and consider the time to be exactly on the ISP interval. | Unplanned | No Confirmed Delivery date | | |
| 5322 | REPT_048 Collateral Report | PUBLICATION_TIMESTAMP attribute is incorrectly assigned the start time of the credit assessment, rather than the finish time. | The difference in time is very brief and has no material effect on the report quality. | Unplanned | No Confirmed Delivery date | | |
| 5339 | REPT_043 | Incorrect rounding applied to detail records. Summary and Detail records do not sum correctly. | Inconsistency between detailed and summary records within the same REPT_043. Research indicates this to be small amount relative to document totals. | Unplanned | No Confirmed Delivery date | | |