

Change Proposal – BSCP40/02

CP No: 1267

Version No: 2.0
(mandatory by BSCCo)

Title (mandatory by originator)

Registration of UMSOs and MAs in SMRS

Description of Problem/Issue (mandatory by originator)

This is version 2.0 of Change Proposal (CP) 1267, which seeks to amend the process for Suppliers registering an Unmetered Supplies Operator (UMSO) or Meter Administrator (MA) in the Supplier Meter Registration System (SMRS).

There are currently operational issues appointing an UMSO in a Grid Supply Point (GSP) Group where there is no longer a Non Half Hourly (NHH) Meter Operator Agent (MOA) which has the same ID as the UMSO operating in that area.

There is confusion regarding how Suppliers should register a Half Hourly (HH) UMS MPAN in the SMRS (whether to appoint the MA or the UMSO in the MOA field). CP1267 would clarify that Suppliers should register the MA.

Comments on CP1267 version 1.0 solution are included on Page 2 of this CP. Further information on CP1267 version 1.0 can be found on the [CP1267 webpage](#).

BSCP520¹ section 1.3.7 states that, for **NHH Unmetered Supplies** Metering Systems:

“the Supplier shall nominate the UMSO as the MOA and notify SMRA”

This is currently achieved by the Supplier sending a D0055² flow to the SMRA. Before loading the D0055 into SMRS, the SMRA validates the information in the D0055 against the information held in Market Domain Data (MDD).

For NHH UMS, the SMRA validates the Meter Operator Agent (MOA) field for each Registration against the list of valid MOA IDs in MDD (because the identity of the UMSO is included in the MOA field).

Previously, this has not been an issue, as all UMSOs have also been NHH MOAs, and so have been recorded under both roles in MDD. However, one UMSO has recently ceased trading as a NHH MOA and, as a result, their MOA role code has been end dated in MDD. This means that these UMS registrations will no longer pass validation.

This is currently only a problem in one GSP Group (SWAE), but, if other UMSOs ceased trading as NHH MOAs, then it would become a problem in other GSP Groups.

A similar issue exists for Half Hourly (HH) UMS appointments. The current industry practice (though not a strict requirement) is to nominate the Meter Administrator in place of the UMSO, as this information is of more immediate importance than the identity of the UMSO. However, if the Meter Administrator (MA) does not have the same ID as a HH MOA in MDD, the MA is not

¹ BSCP520 - Unmetered Supplies Registered in SMRS

² D0055 - Registration of Supplier to Specified Metering Point

recognised as a valid entry in the MOA field and the registration will not pass validation.

Proposed Solution *(mandatory by originator)*

- **Views of respondents from the impact assessment of CP1267 version 1.0**

ELEXON previously issued CP1267 for impact assessment as version 1.0 (see the [CP1267 webpage](#) for further details). Respondents were generally supportive of the principle behind CP1267, and recognised the current situation as a problem, but had mixed views on the proposed solution.

The version 1.0 solution proposed introducing new validation into the SMRS, where:

- for NHH UMS the SMRS would validate the D0055 MOA field (UMSO ID) against the list of UMSOs in MDD; and
- for HH UMS, the SMRS would validate the D0055 MOA field (HHMA ID) against a list of HHMAs in MDD.

While there were respondents who believed that, a change to validation rules is required to prevent a re-occurrence of the current SWAE GSP issue, several had concerns on the implementation costs and robustness of the solution (see the proposed v2.0 solution below for more details of these concerns). These respondents were also keen for ELEXON to investigate cheaper options, as indicative costs were in excess of £10,000.

- **Other options considered**

Following the impact assessment of v1.0, ELEXON investigated the option of utilising generic dummy codes (i.e. 'UMSO' or 'HHMA') for all UMSOs and HHMAs in MDD.

However, this option could create the following issues:

- the UMSO would not be able to check the identity of the HHMA in SMRS and so may not be willing to send Settlement data (e.g. inventory details) to the HHMA until their identity has been confirmed via the Supplier; and
- the Supplier would also not be able to check the identity of the HHMA in SMRS. This is likely to be an issue when a Change of Supplier has occurred. As there is no database, the new Supplier will have to find the identity of the HHMA from another source.

This could be overcome by having multiple entries for Market Participants who are not Meter Operators. For example, MAPD for MA Power Data Associates, UMSW for UMSO SWAE and so on.

All that is needed to implement this option is to update MDD to include 'HHMA' and 'UMSO' as valid data items for the MOA field. However, this option would also require changes to the validation rules, to ensure that the Unmetered Supply is registered to the correct MPID type. (For example, to make sure 'UMSO' isn't used for a Metered Supply or HH UMS).

The majority of costs for any change will be borne by the LDSOs as it directly affects the SMRS which is the central component for administering and updating Supplier registrations.

St. Clements (who manage the SMRS software on behalf of the LDSOs) estimated that:

- introducing validation of UMSO and HHMA MPIDs in the SMRS, would add slightly more

complexity and increase the cost estimate of SMRS changes when compared to the version 1.0 solution.; or

- UMISO and MA MPIDs could be accepted without validation, which would result in the solution being significantly less complex and less costly to the SMRS to implement, than the proposed version 1.0 solution, requiring little to no development and a one-off data cleansing exercise.

We also discussed other potential options with St Clements and some respondents, but have been unable to find a cheaper option for correcting this issue.

- **Proposed version 2.0 solution**

Version 2 takes the version 1 solution further, by adding more rigour to the solution and will consist of the validation of the HHMA and UMISO in SMRS and include other industry changes to support the process.

Based on the discussions we had with respondents and with St. Clements our preferred solution is a more robust variant on the v1.0 solution. The MOA field would continue to contain the actual UMISO or MA ID. However, in addition, the population of the 'Measurement Class' field of the D0055 would be made mandatory.

Currently, the Measurement Class is not a mandatory item in the D0055 and therefore it is possible that a D0055 received by the SMRS contains the MOA ID but no 'Measurement Class'. The Measurement Class shows whether the MPAN is Metered or Unmetered and NHH or HH.

This is a problem, because when the Supplier does not provide the Measurement Class, the SMRA cannot work out which list to validate the MOA ID against (the MOA list, the UMISO list or the MA list). Mandating the 'Measurement Class' in the D0055 would resolve this issue.

Currently, there is no standard method for a Supplier to register an Unmetered Supplies in SMRS (some Suppliers use the D0055 as an initial means to register a MSID, and follow up with a 'complete' D0205 containing relevant details such as the UMISO/HHMA and 'Measurement Class', whereas others just submit a 'complete' D0055). Therefore mandating the 'Measurement Class' may mean that Suppliers would have to amend their processes to cope with only sending a single complete D0055 to the SMRS.

As a result, accompanying this will be an MRA change (see Attachment C), where the 'Measurement Class' field of the D0055 is proposed to be mandatory. Therefore, both CP1267 and the MRA CP would require approval for the solution to work, if one of these CPs were rejected, that would mean the other CP would have to be withdrawn.

- **Costs for CP1267 version 2.0**

St. Clements discussed v2.0 of the solution at a recent Service Management Group (SMG), where there was general support from LDSOs. The solution would result in substantial enhancements made to the SMRS (such as changes to the validation rules), resulting in a high complexity change to the SMRS software. St. Clements would be required to undertake an impact assessment to ratify this assumption. In addition there is likely to be a one-off data cleansing exercise.

There would also be a cost to Suppliers who need to make changes to their internal systems and processes to ensure that the mandating of the Measurement Class of the D0055 (see attachment C).

The BSC changes that would be needed are:

- **For a NHH UMS MSID** the SMRS would validate against role code 3 in MDD (the Unmetered Supplies Operator (UMSO)) instead of role code M. The SMRS would also validate against the Measurement Class stated in the D0055.
- **For a HH UMS MSID** the SMRS would validate against role code 4 in MDD (Meter Administrator) instead of role code M. The SMRS would also validate against the Measurement Class stated in the D0055.
- **Where the supply is metered** (HH or NHH), the SMRS would continue to validate against role code "M" in MDD.

These changes would be achieved by:

- Adding an entry for the Meter Operator Appointment in the Data Validation table in BSCP501 'Supplier Meter Registration Service', Section 4.3;
- Adding clarification for Half Hourly Unmetered Supplies registration to Section 1.3.8 'Half Hourly Trading'; and
- Raising a MRA Change Proposal to make the Measurement Class a mandatory field in the D0055.

In addition to the above, a housekeeping change is included with this CP:

- BSCP501 Section 1.9 'Associated BSC Procedures' - include the revised title for BSCP533 ('PARMS Data Provision, Reporting and Publication of Peer Comparison Data').

Justification for Change *(mandatory by originator)*

Currently, the requirement in BSCP520 section 1.3.7 (for the Supplier to register the UMSO instead of the MOA for NHH UMS) cannot be fulfilled where the UMSO is not also a NHH MOA.

This is currently a problem for only one UMSO, but CP1267 v2.0 would also prevent similar issues from occurring in the future if other UMSOs/ MAs choose not to be MOAs.

We note that CP1267 v2.0, would also improve the data held in the SMRS, as all registrations would contain a Measurement Class.

To which section of the Code does the CP relate, and does the CP facilitate the current provisions of the Code? *(mandatory by originator)*

Yes, CP1267 v2.0 better facilitates the BSC obligations in Sections S2.5., S8 and J1.3, by helping to ensure that the SMRA has the correct registration details for the MA or UMSO.

Estimated Implementation Costs *(mandatory by BSCCo)*

The estimated ELEXON implementation cost is 1.5 man days, which equates to £330.

Configurable Items Affected by Proposed Solution(s) (*mandatory by originator*)

BSCP501 'Supplier Meter Registration Service'
BSCP520 'Unmetered Supplies Registered in SMRS'

Impact on Core Industry Documents or System Operator-Transmission Owner Code (*mandatory by originator*)

Data Transfer Catalogue

Related Changes and/or Projects (*mandatory by BSCCo*)

None

Requested Implementation Date (*mandatory by originator*)

February 2010

Reason:

Next available release

Version History (*mandatory by BSCCo*)

We issued v1.0 for impact assessment in CPC00650. We created this version, v2.0; following the feedback received from version 1.0 of CP1267.

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Attachments: Y

Attachment A: BSCP501 'Supplier Meter Registration Service' redlined. (3 pages)

Attachment B: BSCP520 'Unmetered Supplies Registered in SMRS' redlined (1 Page)

Attachment C: MRA DTC Change Proposal (3 pages)