| Draft Change Proposal – BSCP40/01 | DCP No: 0034 |
|---|---|
| | *Version No: 1.0 (mandatory by BSCCo)* |

**Title** *(mandatory by originator)*
Publication of Additional NHH Combination Data in Market Domain Data

**Description of Problem/Issue** *(mandatory by originator)*

Market Domain Data (MDD) already contains a number of entities that define the valid combinations of data items for an SVA Metering System. In particular:

- Valid MTC LLFC SCC Combination (entity 56) specifies (for Non Half Hourly (NHH) Metering Systems) the valid combinations of Distributor Id, Meter Timeswitch Class (MTC), Line Loss Factor Class (LLFC) and Standard Settlement Configuration (SSC).
- Valid MTC LLFC Combination (entity 55) specifies (for Half Hourly (HH) Metering Systems) the valid combinations of Distributor Id, Meter Timeswitch Class and LLFC.
- Average Fraction of Yearly Consumption Set (entity 11) specifies (for NHH Metering Systems) the valid combinations of Grid Supply Point (GSP) Group, SSC and Profile Class.

However, even when taken in combination these tables do not provide Suppliers with enough information to know which combinations of NHH Metering System data items will be accepted by Supplier Meter Registration Services (SMRS). A registration request that is consistent with the above MDD tables may still be rejected by SMRS, or queried by the Distributor, if the particular combination of SSC, Profile Class and LLFC does not correspond to a Distribution Use of System (DUoS) tariff on that Distributor's network. This leads to higher costs for both Suppliers and Distributors, who require manual processes to identify and correct these erroneous registrations.

**Justification for Change** *(mandatory by originator)*

Currently there is no single, reliable source of information for Suppliers on which combinations of Metering System attributes are valid. They must either obtain this information from various sources (e.g. Distributor's DUoS statements), or run the risk of registrations being rejected. Either option involves unnecessary expense and inconvenience for Suppliers (and potentially also inconvenience for customers, if errors in registration data lead to problems with billing).

Publishing this data in MDD will provide Suppliers with a single, up-to-date source of valid combination data for use in their registration processes. This will make the process of registering Metering Systems in SMRS more efficient, facilitating the smooth operation of the retail market, and competition in supply.

**Proposed Solution(s)** *(mandatory by originator)*

To address this issue, the Market Domain Data Expert Group (MDDEG) established by SVG to consider issues with the MDD process has suggested that a new entity could be added to Market Domain Data to record valid combinations of MTC, LLFC, SSC and Profile Class for each Distributor Id. The new entity would be called Valid MTC LLFC SSC PC Combination, or Valid NHH Registration.

The MDD Expert Group has further recommended that a flag could be added to the new entity to identify preserved tariffs, i.e. combinations that are supported only for customers who already use them. Suppliers should not allocate new customers to these preserved combinations.

| Draft Change Proposal – BSCP40/01 | DCP No: 0034 |
|---|---|
| | *Version No: 1.0*<br>*(mandatory by BSCCo)* |

The data items on the new entity would therefore be as follows:

- Distributor Id (and Role Code)
- Meter Timeswitch Class Id
- LLFC Id
- SSC Id
- Profile Class Id
- Effective From Settlement Date and Effective To Settlement Date
- Preserved Tariff Indicator
- Effective From Settlement Dates of relevant parent entities

The MDDEG discussed two different approaches to implementing this change. One is intended to support a high level of automation by market participants; the other would be more appropriate if participant processes that use the new data will be largely manual.

**Option 1** (the automated solution) would add the new entity into the automated D0269/D0270 MDD flows for use by participant systems. The MDD Management (MDDM) database would be enhanced to store the new data, and to publish it on a new version 004 of the D0269 'Market Domain Data Complete Set' and D0270 'Market Domain Data Incremental Set' flows. Because MRA governance does not generally support more than two versions of a data flow, this would potentially require decommissioning of version 002 (or version 003) of the flows, with a resultant impact on systems or agents that use those versions e.g. NHHDA, NHHDC, Meter Operators or Suppliers. Option 1 would have an estimated BSC Agent implementation cost of approximately £97,000. The ELEXON implementation cost is currently being assessed.

**Option 2** (the manual solution) would avoid any impact on DTC flows or the MDDM database. The new entity would still be added to BSCP509, and updated through the BSCP509 Change Request process. However, the master copy of the data would be maintained on a spreadsheet rather than the MDDM database. This spreadsheet would be published on the ELEXON website (and updated with each new version of MDD). Option 2 would have no BSC Agent implementation cost. The ELEXON implementation cost is currently being assessed.

**Version History** *(mandatory by BSCCo)*
DCP0034 was raised on 1 October 2008 following SVG92. It was issued for industry impact assessment on 3 October 2008.

**Has this DCP been raised for discussion by a Working Group** *(optional by originator)*: **Y/N***
(delete as appropriate)
No

| Draft Change Proposal – BSCP40/01 | DCP No: 0034 |
| --- | --- |
| | *Version No: 1.0*<br>*(mandatory by BSCCo)* |
| *Originator's Details:*<br><br>*BCA Name…………………Andrew Wright*<br><br>*Organisation………………ELEXON*<br><br>*Email Address……………andrew.wright@elexon.co.uk*<br><br>*Telephone Number………020 7380 4217*<br><br>*Date………………………1 October 2008* | |
| Attachments: No | |