**Balancing and Settlement Code**

**BSC PROCEDURE**

**CHANGES TO MARKET DOMAIN DATA**

**BSCP509 Appendix 1:**

**MDD Entity Change Request Forms**

**Date:**

**BSC Procedure 509 Appendix 1**

**relating to**

**Market Domain Data Entity Change Request Forms**

1. Reference is made to the Balancing and Settlement Code for the Electricity Industry in Great Britain and, in particular, to the definition of "BSC Procedure".

2. This is BSC Procedure 509 Version 22.0relating to Market Domain Data Entity Change Request Forms.

3. This BSC Procedure is effective from 30 June 2016

4. This BSC Procedure has been approved by the Panel.

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**AMENDMENT RECORD**

| **Version** | **Date** | **Description of Changes** | **Changes Included** | **Mods/ Panel/ Committee Refs** |
| --- | --- | --- | --- | --- |
| 4.00 | 31/05/99 | Recommendations from MDD Review and Operational Review. |  | S2F/07/70,  TS2/10/288 |
| 4.10 | 19/11/99 | SIR R1445 (CR R1716) and internal review comments embodied. |  | TS2/15/422 |
| 4.11 | 22/05/00 | Changes made to SSC forms |  | TS2/19/561  TS2/21/610 |
| D.01 | Code Effective Date | Re-badged |  |  |
| 2.0 | Code Effective Date | Approved for use by the Panel |  |  |
| 3.0 | Code Effective Date | Version alignment changes from AP509 forms document embodied. | NCR329 |  |
| 4.0 |  | Incorporates changes for SVA Documentation Batch Release | CP727 |  |
| 5.0 | 01/08/03 | Incorporates changes for Modification P62 | P62 |  |
| 6.0 | 28/09/03 | Incorporates changes for Modification P81 | P81 |  |
| 9.0 | 23/02/05 | SVA February 2005 Release |  |  |
| 10.0 | BETTA Effective Date | BETTA 6.3 | BETTA | SVG/48/004 |
| 11.0 | 22/02/07 | February 07 BSC Systems Release – CP1158 | CP1158 | SVG/66/04 |
| 12.0 | 23/08/07 | P197 Release | P197 | P/115/04 |
| 13.0 | 01/11/07 | November 07 Release – CP1190, CP1210 | CP1190, CP1210 | SVG77/04  ISG79/02  SVG79/02 |
| 14.0 | 25/06/09 | June 09 Release – CP1270 | CP1270 | SVG97/01 |
| 15.0 | 05/11/09 | November 09 Release – CP1269 | CP1269 | SVG97/01 |
| 16.0 | 04/11/10 | November 10 Release – CP1327 | CP1327 | SVG112/03 |
| 17.0 | 03/11/11 | November 11 Release – P253 | P253 | SVG127/13 |
| 18.0 | 07/11/13 | November 2013 Release – CP1390 | CP1390 | SVG148/04 |
|  |  | November 2013 Release – CP1391 | CP1391 | PAB148/04  ISG145/05  SVG148/05 |
| 19.0 | 27/02/14 | 27 February 2014 Release – CP1396 | CP1396 | SVG153/03 |
| 20.0 | 05/11/15 | 5 November 2015 Release | CP1432 | SVG171/03 |
| 21.0 | 25/02/16 | 25 February 2016 Release | CP1451 | SVG178/05 |
| 22.0 | 30/06/16 | 30 June 2016 Release | CP1434 | Panel 241/05 |

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# MDD Entity Id 1 - Market Participant

| **Market Participant Id** | **Market Participant Name** | **Trading Party Id** |
| --- | --- | --- |
|  |  |  |
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|  |  |  |

## Column Name Data Type/Length Other information

Market Participant Id 4 characters Mandatory

Market Participant Name Up to 30 characters Mandatory

Trading Party Id 4 characters For Suppliers this field is mandatory, and should be the same as the Market Participant Id (unless otherwise agreed with BSCCo or due to recognized circumstances e.g. where the supplier Id has been transferred due to a trade sale). For non-Suppliers, this field is not required, and should be left blank.

## Example

| **Market Participant Id** | **Market Participant Name** | **Trading Party Id** |
| --- | --- | --- |
| NEEB | Northern Electric plc | NEEB |
| NORW | NORWEB plc | NORW |
| ENRD | British Gas Trading | BGAS |

# MDD Entity Id 2 - GSP Licensed Distribution System Operator

| **GSP Group Id** | **Market Participant Id** | **Market Participant Role Code** | **Effective From Date {MPR}** | **Effective From Settlement Date {GGD}** | **Effective To Settlement Date {GGD}** |
| --- | --- | --- | --- | --- | --- |
|  |  |  |  |  |  |
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## Column Name Data Type/Length Other information

GSP Group Id 2 characters Mandatory

Market Participant Id (aka Distributor Id) 4 characters Mandatory

Market Participant Role Code 1 Character (R) Mandatory

Effective From Date {MPR} Date Mandatory (the date on which the Market Participant was Qualified as a Licensed Distribution System Operator)

Effective From Settlement Date {GGD} Date Mandatory (the first Settlement Date on which the Market Participant became active as a Licensed Distribution System Operator within the GSP Group)

Effective To Settlement Date {GGD} Date Optional (the last Settlement Date on which the Market Participant was active as a Licensed Distribution System Operator within the GSP Group)

## Example

| **GSP Group Id** | **Market Participant Id** | **Market Participant Role Code** | **Effective From Date {MPR}** | **Effective From Settlement Date {GGD}** | **Effective To Settlement Date {GGD}** |
| --- | --- | --- | --- | --- | --- |
| \_D | MANW | R | 01/04/1996 | 01/04/1996 |  |
| \_E | MIDE | R | 01/04/1996 | 01/04/1996 |  |

# MDD Entity Id 3 - SVA Agent Appointment

| **GSP Group Id** | **Market Participant Id** | **Market Participant Role Code** | **Effective From Date {MPR}** | **Effective From Date {IAA}** | **Effective To Date {IAA}** |
| --- | --- | --- | --- | --- | --- |
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## Column Name Data Type/Length Other information

GSP Group Id 2 characters Mandatory

Market Participant Id 4 characters Mandatory

Market Participant Role Code 1 Character (G) Mandatory

Effective From Date {MPR} Date Mandatory (the date on which the Market Participant was Qualified as an SVA Agent)

Effective From Date {IAA} Date Mandatory (the first day on which the Market Participant became active as an SVA Agent within the GSP Group)

Effective To Date {IAA} Date Optional (the last day on which the Market Participant was active as an SVA Agent within the GSP Group)

## Example

| **GSP Group Id** | **Market Participant Id** | **Market Participant Role Code** | **Effective From Date {MPR}** | **Effective From Date {IAA}** | **Effective To Date {IAA}** |
| --- | --- | --- | --- | --- | --- |
| \_C | CAPG | G | 01/04/1996 | 01/04/1996 |  |
| \_N | CAPG | G | 01/04/1996 | 01/04/2005 |  |

# MDD Entity Id 4 - SMR Agent Appointment

| **GSP Group Id** | **Market Participant Id** | **Market Participant Role Code** | **Effective From Date {MPR}** | **Effective From Date {PAA}** | **Effective To Date {PAA}** |
| --- | --- | --- | --- | --- | --- |
|  |  |  |  |  |  |
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## Column Name Data Type/Length Other information

GSP Group Id 2 characters Mandatory

Market Participant Id 4 characters Mandatory

Market Participant Role Code 1 Character (P) Mandatory

Effective From Date {MPR} Date Mandatory (the date on which the Market Participant was Qualified as a SMR Agent)

Effective From Date {PAA} Date Mandatory (the first day on which the Market Participant became active as a SMR Agent within the GSP Group)

Effective To Date {PAA} Date Optional (the last day on which the Market Participant was active as a SMR Agent within the GSP Group)

## Example

| **GSP Group Id** | **Market Participant Id** | **Market Participant Role Code** | **Effective From Date {MPR}** | **Effective From Date {PAA}** | **Effective To Date {PAA}** |
| --- | --- | --- | --- | --- | --- |
| \_A | EELC | P | 01/04/1996 | 01/04/1996 |  |
| \_B | EMEB | P | 01/04/1996 | 01/04/1996 |  |

# MDD Entity Id 11 - Average Fraction of Yearly Consumption Set

| **GSP Group Id** | **Profile Class Id** | **Standard Settlement Configuration Id** | **Effective From Settlement Date {VSCPC}** | **Effective From Settlement Date {AFOYCS}** | **Effective To Settlement Date {AFOYCS}** |
| --- | --- | --- | --- | --- | --- |
|  |  |  |  |  |  |
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## Column Name Data Type/Length Other information

GSP Group Id 2 characters Mandatory

Profile Class Id Integer (2) Mandatory

Standard Settlement Configuration Id 4 Characters Mandatory

Effective From Settlement Date {VSCPC} Date Mandatory

Effective From Settlement Date {AFOYCS} Date Mandatory

Effective To Settlement Date {AFOYCS} Date Optional

## Example

| **GSP Group Id** | **Profile Class Id** | **Standard Settlement Configuration Id** | **Effective From Settlement Date {VSCPC}** | **Effective From Settlement Date {AFOYCS}** | **Effective To Settlement Date {AFOYCS}** |
| --- | --- | --- | --- | --- | --- |
| \_G | 2 | 0937 | 26/04/2002 | 26/04/2002 | 09/04/2008 |
| \_G | 2 | 0937 | 26/04/2002 | 10/04/2008 |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |

# MDD Entity Id 12 - Average Fraction of Yearly Consumption

| **GSP Group Id** | **Profile Class Id** | **Standard Settlement Configuration Id** | **Effective From Settlement Date {VSCPC}** | **Effective From Settlement Date {AFOYCS}** | **Time Pattern Regime Id** | **Average Fraction of Yearly Consumption** | **Alternative Average Fraction of Yearly Consumption** |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  |  |  |  |  |
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## Column Name Data Type/Length Other information

GSP Group Id 2 Characters Mandatory

Profile Class Id Integer (2) Mandatory

Standard Settlement Configuration Id 4 Characters Mandatory

Effective From Settlement Date {VSCPC} Date Mandatory

Effective From Settlement Date {AFOYCS} Date Mandatory

Time Pattern Regime Id 5 Characters Mandatory

Average Fraction of Yearly Consumption Numeric, 6 Decimal Places Mandatory, must be a positive value between 0 and 1 inclusive

Alternative Average Fraction of Yearly

Consumption Numeric, 6 Decimal Places Optional

## Example

| **GSP Group Id** | **Profile Class Id** | **Standard Settlement Configuration Id** | **Effective From Settlement Date {VSCPC}** | **Effective From Settlement Date {AFOYCS}** | **Time Pattern Regime Id** | **Average Fraction of Yearly Consumption** | **Alternative Average Fraction of Yearly Consumption** |
| --- | --- | --- | --- | --- | --- | --- | --- |
| \_G | 2 | 0937 | 26/04/2002 | 10/04/2008 | 14150 | 0.532934 |  |
| \_G | 2 | 0937 | 26/04/2002 | 10/04/2008 | 14151 | 0.467066 |  |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |

# MDD Entity Id 13 - GSP Group Daily Profile Class Average EAC

| **GSP Group Id** | **Profile Class Id** | **Standard Settlement Configuration Id** | **Effective From Settlement Date {VSCPC}** | **Effective From Settlement Date {GGPCAE}** | **Effective To Settlement Date {GGPCAE}** | **Researched Average EAC** |
| --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
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## Column Name Data Type/Length Other information

GSP Group Id 2 Characters Mandatory

Profile Class Id Integer (2) Mandatory

Standard Settlement Configuration Id 4 Characters Mandatory

Effective From Settlement Date {VSCPC} Date Mandatory

Effective From Settlement Date {GGPCAE} Date Mandatory

Effective To Settlement Date {GGPCAE} Date Optional

Researched Average EAC Numeric (12,1) Mandatory, zero or positive value

## Example

| **GSP Group Id** | **Profile Class Id** | **Standard Settlement Configuration Id** | **Effective From Settlement Date {VSCPC}** | **Effective From Settlement Date {GGPCAE}** | **Effective To Settlement Date {GGPCAE}** | **Researched Average EAC** |
| --- | --- | --- | --- | --- | --- | --- |
| \_G | 2 | 0937 | 26/04/2002 | 10/04/2008 | 27/04/2002 | 6580.1 |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
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# MDD Entity Id 14 - Clock Time Change

| **Change Date** | **GMT Time** | **Post Change Local Time** |
| --- | --- | --- |
|  |  |  |
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## Column Name Data Type/Length Other information

Change Date Date The day on which the clocks change (forward or back)

GMT Time Time 24 hour format e.g. (01:00:00), the time in GMT at which the clocks change (forward or back)

Post Change Local Time Time 24 hour format e.g. (02:00:00), the local time shown on the clock after the change (forward or back)

## Example

| **Change Date** | **GMT Time** | **Post Change Local Time** |
| --- | --- | --- |
| 29/03/1998 | 01:00:00 | 02:00:00 | Clocks go forward |
| 25/10/1998 | 01:00:00 | 01:00:00 | Clocks go back |

# MDD Entity Id 16 - Year

| **Year** |
| --- |
|  |
|  |
|  |
|  |

## Column Name Data Type/Length Other information

Year Integer Mandatory

## Example

| **Year** |
| --- |
| 1998 |
| 1999 |
| 2000 |

# MDD Entity ID 17 - Line Loss Factor Class

| **Market Participant Id** | **Market Participant Role Code** | **Effective From Date {MPR}** | **Line Loss Factor Class Id** | **Line Loss Factor Class Description** | **MS Specific LLF Class Indicator** | **Effective From Settlement Date {LLFC}** | **Effective To Settlement Date {LLFC}** |
| --- | --- | --- | --- | --- | --- | --- | --- |
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## Column Name Data Type/Length Other information

Market Participant Id (aka Distributor Id) 4 characters Mandatory

Market Participant Role Code 1 Character (R) Mandatory

Effective From Date {MPR} Date Mandatory (the date on which the Market Participant was Qualified as a Licensed Distribution System Operator)

Line Loss Factor Class Id Up to 3 Characters Mandatory . Alphanumeric, excludes ‘000’ or any combination beginning ‘0’ or ‘00’, lower case letters, special characters and any combination using ‘I’ or ‘O’

Line Loss Factor Class Description Up to 30 characters Mandatory

MS Specific LLF Class Indicator 1 character (A, B, C or D) Mandatory

Effective From Settlement Date {LLFC} Date Mandatory (the first Settlement Date on which the Line Loss Factor Class is active)

Effective To Settlement Date {LLFC} Date Optional (the last Settlement Date on which the Line Loss Factor Class is active)

## Example

| **Market Participant Id** | **Market Participant Role Code** | **Effective From Date {MPR}** | **Line Loss Factor Class Id** | **Line Loss Factor Class Description** | **MS Specific LLF Class Indicator** | **Effective From Settlement Date {LLFC}** | **Effective To Settlement Date {LLFC}** |
| --- | --- | --- | --- | --- | --- | --- | --- |
| NORW | R | 01/04/1996 | 300 | Solway Offshore Wind, Import | B | 05/04/2007 |  |
| SEEB | R | 01/04/1996 | A01 | NON-STANDARD TARIFFS | A | 01/04/2016 |  |

# MDD Entity Id 18 - GSP Group

| **GSP Group Id** | **GSP Group Name** | **Region Id** |
| --- | --- | --- |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

## Column Name Data Type/Length Other information

GSP Group Id 2 characters Mandatory

GSP Group Name Up to 30 characters Mandatory

Region Id Up to 2 characters Mandatory

## Example

| **GSP Group Id** | **GSP Group Name** | **Region Id** |
| --- | --- | --- |
| \_K | South Wales | EW |
| \_L | South Western | EW |
| \_M | Yorkshire | EW |

# MDD Entity Id 19 - GSP Group Correction Scaling Factor

| **Consumption Component Class Id** | **Measurement Quantity Id** | **GSP Group Correction Scaling Factor** | **Effective From Settlement Date {GGCSF}** | **Effective To Settlement Date {GGCSF}** |
| --- | --- | --- | --- | --- |
|  |  |  |  |  |
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## Column Name Data Type/Length Other information

Consumption Component Class1 Integer Mandatory

Measurement Quantity Id2 2 Characters (AI or AE) Mandatory

GSP Group Correction Scaling Factor Numeric, 2 decimal places Mandatory

Effective From Settlement Date {GGCSF} Date Mandatory

Effective To Settlement Date {GGCSF} Date Optional

1 The valid set of values is contained in the MDD table Consumption Component Class (MDD Entity Id41)

2 Although the MDD table Measurement Quantity contains many values, only AI or AE are valid in relation to GSP Group Correction Scaling Factor

## Example

| **Consumption Component Class Id** | **Measurement Quantity Id** | **GSP Group Correction Scaling Factor** | **Effective From Settlement Date {GGCSF}** | **Effective To Settlement Date {GGCSF}** |
| --- | --- | --- | --- | --- |
| 1 | AI | 0.00 | 01/04/1996 |  |
| 2 | AI | 0.00 | 01/04/1996 |  |
| 3 | AI | 0.00 | 01/04/1996 |  |

# MDD Entity Id 20 - GSP Group Profile Class Default EAC

| **GSP Group Id** | **GSP Group Name** | **Profile Class Id** | **GSP Group Profile Class Default EAC** | **Effective From Settlement Date {GGPCDE}** | **Effective To Settlement Date {GGPCDE}** |
| --- | --- | --- | --- | --- | --- |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
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**Column Name Data Type/Length Other information**

GSP Group Id 2 Characters Mandatory

GSP Group Name Up to 30 Characters Mandatory

Profile Class Id Integer (2) Mandatory

GSP Group Profile Class Default EAC Numeric (12,1) Mandatory, zero or positive value

Effective From Settlement Date {GGPCDE} Date Mandatory

Effective To Settlement Date {GGPCDE} Date Optional

**Example**

| **GSP Group Id** | **GSP Group Name** | **Profile Class Id** | **GSP Group Profile Class Default EAC** | **Effective From Settlement Date {GGPCDE}** | **Effective To Settlement Date {GGPCDE}** |
| --- | --- | --- | --- | --- | --- |
| \_A | Eastern | 1 | 3592.4 | 01/04/1996 |  |
| \_G | North Western | 8 | 185491.7 | 01/04/1996 |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |

# MDD Entity Id 21 - Market Role

| **Market Participant Role Code** | **Market Role Description** |
| --- | --- |
|  |  |
|  |  |
|  |  |
|  |  |

## Column Name Data Type/Length Other information

Market Participant Role Code Single Character Mandatory

Market Role Description Up to 40 characters Mandatory

### Example

| **Market Participant Role Code** | **Market Role Description** |
| --- | --- |
| A | HH Data Aggregator |
| B | Non-HH Data Aggregator |

# MDD Entity Id 22 - Settlement Day

| **Settlement Date** | **Day Type Id** | **Scottish Day Type ID****[[1]](#footnote-1)** | **Season Id** |
| --- | --- | --- | --- |
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## Column Name Data Type/Length Other information

Settlement Date Date Mandatory

Day Type Id1 2 Characters Mandatory

Season Id2 Integer Mandatory

1 The valid set of Day Type Ids (with descriptions) is contained in the MDD table Day Type (MDD Entity Id 43)

2 The valid set of Season Ids (with descriptions) is contained in the MDD table Season (MDD Entity Id 50)

### Example

| **Settlement Date** | **Day Type Id** | **Scottish Day Type ID**1 | **Season Id** |
| --- | --- | --- | --- |
| 01/04/2007 | SU |  | 2 |
| 01/01/2009 | J1 |  | 1 |
| 04/08/2008 | WE |  | 4 |
| 06/05/2009 | WE |  | 2 |
|  |  |  |  |

# MDD Entity Id 24 - Smoothing Parameter

| **Smoothing Parameter** | **Effective From Settlement Date {SPAR}** | **Effective To Settlement Date {SPAR}** |
| --- | --- | --- |
|  |  |  |
|  |  |  |
|  |  |  |

## Column Name Data Type/Length Other information

Smoothing Parameter Numeric, 3 Decimal Places Mandatory

Effective From Settlement Date {SPAR} Date Mandatory

Effective To Settlement Date {SPAR} Date Optional

### Example

| **Smoothing Parameter** | **Effective From Settlement Date {SPAR}** | **Effective To Settlement Date {SPAR}** |
| --- | --- | --- |
| 2.000 | 01/04/1996 | 31/03/1997 |

# MDD Entity Id 25 - Threshold Parameter

| **Threshold Parameter** | **Effective From Settlement Date {TPAR}** | **Effective To Settlement Date {TPAR}** |
| --- | --- | --- |
|  |  |  |
|  |  |  |
|  |  |  |

## Column Name Data Type/Length Other information

Threshold Parameter Integer Mandatory

Effective From Settlement Date {TPAR} Date Mandatory

Effective To Settlement Date {TPAR} Date Optional

### Example

| **Threshold Parameter** | **Effective From Settlement Date {TPAR}** | **Effective To Settlement Date {TPAR}** |
| --- | --- | --- |
| 50 | 01/04/1996 | 31/03/1997 |

# MDD Entity Id 26 - Yearly Season Details

| **Year** | **Season Id** | **Start Day** | **Start Month** | **End Day** | **End Month** |
| --- | --- | --- | --- | --- | --- |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |

## Column Name Data Type/Length Other information

Year Integer Mandatory

Season Id1 Integer Mandatory

Start Day Integer Mandatory

Start Month Integer Mandatory

End Day Integer Mandatory

End Month Integer Mandatory

1 The valid set of Season Ids (with descriptions) is contained in the MDD table Season (MDD Entity Id 50)

### Example

| **Year** | **Season Id** | **Start Day** | **Start Month** | **End Day** | **End Month** |
| --- | --- | --- | --- | --- | --- |
| 2008 | 4 | 7 | 19 | 31 | 8 |
| 2008 | 5 | 9 | 1 | 25 | 10 |
| 2009 | 1 | 1 | 1 | 28 | 3 |
| 2009 | 1 | 10 | 25 | 31 | 12 |
| 2009 | 2 | 3 | 29 | 1 | 3 |
| 2009 | 2 | 4 | 1 | 9 | 5 |

# MDD Entity Id 27 - Clock Interval[[2]](#footnote-2)

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Time Pattern Regime ID** | **Day of the Week ID** | **Start Day** | **Start Month** | **End Day** | **End Month** | **Start Time** | **End Time** |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |

## Column Name Data Type/Length Other information

Time Pattern Regime Id 5 Mandatory

Day of the Week Id 1 Mandatory

Start Day 2 Mandatory

Start Month 2 Mandatory

End Day 2 Mandatory

End Month 2 Mandatory

Start Time Time Mandatory. The time at which the Clock Interval begins (in hh:mm format). Times to be provided in GMT for those Time Pattern Regimes for which the GMT Indicator is ‘Y’

End Time Time Mandatory. The time at which the Clock Interval ends (in hh:mm format, with 24:00 denoting the end of the day). Times to be provided in GMT for those Time Pattern Regimes for which the GMT Indicator is ‘Y’

### Example

| **Time Pattern Regime ID** | **Day of the Week ID** | **Start Day** | **Start Month** | **End Day** | **End Month** | **Start Time** | **End Time** |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 00001 | 1 | 1 | 1 | 31 | 12 | 00:00 | 24:00 |
| 00001 | 2 | 1 | 1 | 31 | 12 | 00:00 | 24:00 |
| 00001 | 3 | 1 | 1 | 31 | 12 | 00:00 | 24:00 |
| 00001 | 4 | 1 | 1 | 31 | 12 | 00:00 | 24:00 |

# MDD Entity Id 29 - Measurement Requirement

| **Standard Settlement Configuration Id** | **Time Pattern Regime Id** |
| --- | --- |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |

## Column Name Data Type/Length Other information

Standard Settlement Configuration Id 4 Characters Mandatory

Time Pattern Regime Id 5 Characters Mandatory

### Example

| **Standard Settlement Configuration Id** | **Time Pattern Regime Id** |
| --- | --- |
| 0937 | 14150 |
| 0937 | 14151 |
|  |  |
|  |  |
|  |  |

# MDD Entity Id 30 - Profile

| **Profile Class Id** | **Profile Id** | **Profile Settlement Periods** | **Profile Description** | **Effective From Settlement Date {PROF}** | **Effective To Settlement Date {PROF}** |
| --- | --- | --- | --- | --- | --- |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
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|  |  |  |  |  |  |
|  |  |  |  |  |  |

## Column Name Data Type/Length Other information

Profile Class Id Integer Mandatory

Profile Id Integer Mandatory

Profile Settlement Periods Integer (1 – 50) Mandatory

Profile Description Up to 50 Characters Mandatory

Effective From Settlement Date {PROF} Date Mandatory

Effective To Settlement Date {PROF} Date Optional

### Example

| **Profile Class Id** | **Profile Id** | **Profile Settlement Periods** | **Profile Description** | **Effective From Settlement Date {PROF}** | **Effective To Settlement Date {PROF}** |
| --- | --- | --- | --- | --- | --- |
| 1 | 1 | 48 | Domestic Unrestricted | 01/04/1996 |  |
| 2 | 1 | 48 | Domestic Economy 7, Baseload | 01/04/1996 |  |
| 2 | 2 | 2 | Domestic Economy 7, Switched Load 2 Periods | 01/04/1996 |  |
| 2 | 3 | 3 | Domestic Economy 7, Switched Load 3 Periods | 01/04/1996 |  |

# MDD Entity Id 31 - Profile Class

| **Profile Class Id** | **Profile Class Description** | **Switched Load Profile Class Ind** | **Effective From Settlement Date {PCLA}** | **Effective To Settlement Date {PCLA}** |
| --- | --- | --- | --- | --- |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |

## Column Name Data Type/Length Other information

Profile Class Id Integer Mandatory

Profile Class Description Up to 50 Characters Mandatory

Switched Load Profile Class Ind T or F Mandatory

Effective From Settlement Date {PCLA} Date Mandatory

Effective To Settlement Date {PCLA} Date Optional

### Example

| **Profile Class Id** | **Profile Class Description** | **Switched Load Profile Class Ind** | **Effective From Settlement Date {PCLA}** | **Effective To Settlement Date {PCLA}** |
| --- | --- | --- | --- | --- |
| 1 | Domestic Unrestricted | F | 01/04/1996 |  |
| 2 | Domestic Economy 7 | T | 01/04/1996 |  |
| 3 | Non-domestic Unrestricted | F | 01/04/1996 |  |
| 4 | Non-domestic Economy 7 | T | 01/04/1996 |  |
| 5 | Non-domestic, MD, load factor 0-20% | F | 01/04/1996 |  |
| 6 | Non-domestic, MD, load factor 20-30% | F | 01/04/1996 |  |
| 7 | Non-domestic, MD, load factor 30-40% | F | 01/04/1996 |  |
| 8 | Non-domestic, MD, load factor 40%+ | F | 01/04/1996 |  |

# MDD Entity Id 32 - Standard Settlement Configuration

| **Standard Settlement Configuration Id** | **Effective From Settlement Date {SSC}** | **Effective To Settlement Date {SSC}** | **Standard Settlement Configuration Description** | **Standard Settlement Configuration Type** | **Teleswitch User Id** | **Teleswitch Group Id** |
| --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |

## Column Name Data Type/Length Other information

Standard Settlement Configuration Id 4 Characters Mandatory

Effective From Settlement Date {SSC} Date Mandatory

Effective To Settlement Date {SSC} Date Optional

Standard Settlement Configuration Description Up to 50 Characters Mandatory

Standard Settlement Configuration Type 1 Character (I/E) Mandatory

Teleswitch User Id Integer (2) Mandatory

Teleswitch Group Id Integer (4) Mandatory

### Example

| **Standard Settlement Configuration Id** | **Effective From Settlement Date {SSC}** | **Effective To Settlement Date {SSC}** | **Standard Settlement Configuration Description** | **Standard Settlement Configuration Type** | **Teleswitch User ID** | **Teleswitch Group Id** |
| --- | --- | --- | --- | --- | --- | --- |
| 0937 | 26/04/2002 |  | Split 10 hr E10 | I | 12 | 10 |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |

# MDD Entity Id 33 - Teleswitch Time Pattern Regime

| **Time Pattern Regime Id** | **Teleswitch User Id** | **Teleswitch Group Id** | **Teleswitch Switch Id** |
| --- | --- | --- | --- |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

## Column Name Data Type/Length Other information

Time Pattern Regime Id 5 Characters Mandatory

Teleswitch User Id Integer (2) Mandatory

Teleswitch Group Id Integer (4) Mandatory

Teleswitch Switch Id 1 Character (A, B, C or D) Mandatory

### Example

| **Time Pattern Regime Id** | **Teleswitch User Id** | **Teleswitch Group Id** | **Teleswitch Switch Id** |
| --- | --- | --- | --- |
| 14150 | 12 | 10 | A |
| 14151 | 12 | 10 | B |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

# MDD Entity Id 34 - Teleswitch Register Rule

| **Time Pattern Regime Id** | **Teleswitch Register Rule Id** |
| --- | --- |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |

## Column Name Data Type/Length Other information

Time Pattern Regime Id 5 Characters Mandatory

Teleswitch Register Rule Id Integer (2) Mandatory

### Example

| **Time Pattern Regime Id** | **Teleswitch Register Rule Id** |
| --- | --- |
| 14150 | 1 |
| 14151 | 1 |
|  |  |
|  |  |
|  |  |

# MDD Entity Id 35 - Teleswitch Contact Rule

| **Time Pattern Regime Id** | **Teleswitch Register Rule Id** | **Teleswitch Contact Code** | **Teleswitch Contact Rule** |
| --- | --- | --- | --- |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

## Column Name Data Type/Length Other information

Time Pattern Regime Id 5 Characters Mandatory

Teleswitch Register Rule Id Integer (2) Mandatory

Teleswitch Contact Code 1 Character (A, B, C or D) Mandatory

Teleswitch Contact Rule 1 Character (0 or 1) Mandatory

### Example

| **Time Pattern Regime Id** | **Teleswitch Register Rule Id** | **Teleswitch Contact Code** | **Teleswitch Contact Rule** |
| --- | --- | --- | --- |
| 14150 | 1 | A | 1 |
| 14150 | 1 | B | 1 |
| 14150 | 1 | C | 1 |
| 14150 | 1 | D | 1 |
| 14151 | 1 | A | 0 |

# MDD Entity Id 36 - Teleswitch Contact

| **Teleswitch Contact Code** |
| --- |
|  |
|  |
|  |
|  |
|  |

## Column Name Data Type/Length Other information

Teleswitch Contact Code 1 Character (A, B, C or D) Mandatory

### Example

| **Teleswitch Contact Code** |
| --- |
| A |
| B |
| C |
| D |
|  |

# MDD Entity Id 37 - Teleswitch Group

| **Teleswitch User Id** | **Teleswitch Group Id** |
| --- | --- |
|  |  |
|  |  |
|  |  |

## Column Name Data Type/Length Other information

Teleswitch User Id Integer (2) Mandatory

Teleswitch Group Id Integer (4) Mandatory

**Example**

| **Teleswitch User Id** | **Teleswitch Group Id** |
| --- | --- |
| 12 | 10 |
|  |  |
|  |  |

# MDD Entity Id 38 - Time Pattern Regime

| **Time Pattern Regime Id** | **Tele-switch/Clock Indicator** | **GMT Indicator** |
| --- | --- | --- |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

## Column Name Data Type/Length Other information

Time Pattern Regime Id 5 Characters Mandatory

Teleswitch/Clock Indicator 1 Character (S or C) Mandatory

GMT Indicator 1 Character (Y or N) Mandatory

### Example

| **Time Pattern Regime Id** | **Tele-switch/Clock Indicator** | **GMT Indicator** |
| --- | --- | --- |
| 14150 | S | Y |
| 14151 | S | Y |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

# MDD Entity Id 39 - Valid Measurement Requirement Profile Class

| **Profile Class Id** | **Standard Settlement Configuration Id** | **Time Pattern Regime Id** | **Effective From Settlement Date {VSCPC}** | **Switched Load Indicator** |
| --- | --- | --- | --- | --- |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |

## Column Name Data Type/Length Other information

Profile Class Id Integer (2) Mandatory

Standard Settlement Configuration Id 4 Characters Mandatory

Time Pattern Regime Id 5 Characters Mandatory

Effective From Settlement Date {VSCPC} Date Mandatory

Switched Load Indicator 1 Character (T or F) Mandatory

### Example

| **Profile Class Id** | **Standard Settlement Configuration Id** | **Time Pattern Regime Id** | **Effective From Settlement Date {VSCPC}** | **Switched Load Indicator** |
| --- | --- | --- | --- | --- |
| 2 | 0937 | 14150 | 26/04/2002 | T |
| 2 | 0937 | 14151 | 26/04/2002 | F |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |

# MDD Entity Id 40 - Valid Settlement Configuration Profile Class

| **Profile Class Id** | **Standard Settlement Configuration Id** | **Effective From Settlement Date {VSCPC}** | **Effective To Settlement Date {VSCPC}** |
| --- | --- | --- | --- |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

## Column Name Data Type/Length Other information

Profile Class Id Integer (2) Mandatory

Standard Settlement Configuration Id 4 Characters Mandatory

Effective From Settlement Date {VSCPC} Date Mandatory

Effective To Settlement Date {VSCPC} Date Optional

### Example

| **Profile Class Id** | **Standard Settlement Configuration Id** | **Effective From Settlement Date {VSCPC}** | **Effective To Settlement Date {VSCPC}** |
| --- | --- | --- | --- |
| 2 | 0937 | 26/04/2002 |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

# MDD Entity Id 41 - Consumption Component Class

| **Consumption Component Class Id** | **Measurement Quantity Id** | **Data Aggregation Type** | **Metered/ Unmetered Indicator** | **Consumption Component Indicator** | **Actual/ Estimated Indicator** | **AA/EAC Indicator** |
| --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |

## Column Name Data Type/Length Other information

Consumption Component Class Id Integer (0 – 99) Mandatory

Measurement Quantity 2 Characters (AI or AE) Mandatory

Data Aggregation Type 1 Character (H or N) Mandatory

Metered/Unmetered Indicator 1 Character (M or U) Mandatory

Consumption Component Indicator 1 Character (C, M or L) Mandatory

Actual/Estimated Indicator 1 Character (A or E) Optional

AA/EAC Indicator 1 Character (A or E) Optional

### Example

| **Consumption Component Class Id** | **Measurement Quantity Id** | **Data Aggregation Type** | **Metered/ Unmetered Indicator** | **Consumption Component Indicator** | **Actual/ Estimated Indicator** | **AA/EAC Indicator** |
| --- | --- | --- | --- | --- | --- | --- |
| 1 | AI | H | M | C | A |  |
| 2 | AI | H | U | C | A |  |
| 3 | AI | H | M | M | A |  |
| 17 | AI | N | M | C |  | E |
| 18 | AI | N | M | C |  | A |

# MDD Entity Id 42 - Day of the Week

| **Day of the Week Id** | **Day of the Week Description** |
| --- | --- |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |

## Column Name Data Type/Length Other information

Day of the Week Id Integer (0 – 9) Mandatory

Day of the Week Description Up to 30 characters Mandatory

### Example

| **Day of the Week Id** | **Day of the Week Description** |
| --- | --- |
| 1 | Monday |
| 2 | Tuesday |
| 3 | Wednesday |
| 4 | Thursday |
| 5 | Friday |
| 6 | Saturday |
| 7 | Sunday |

# MDD Entity Id 43 - Day Type

| **Day Type Id** | **Day Type Description** |
| --- | --- |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |

## Column Name Data Type/Length Other information

Day Type Id 2 Characters Mandatory

Day Type Description Up to 30 characters Mandatory

### Example

| **Day Type Id** | **Day Type Description** |
| --- | --- |
| A2 | Late August Bank Holiday |
| BD | Boxing Day |
| CD | Christmas Day |
| EM | Easter Monday |

# MDD Entity Id 44 - Energisation Status

| **Energisation Status** | **Energisation Status Description** |
| --- | --- |
|  |  |
|  |  |
|  |  |
|  |  |

## Column Name Data Type/Length Other information

Energisation Status 1 Character Mandatory

Energisation Status Description Up to 30 characters Mandatory

### Example

| **Energisation Status** | **Energisation Status Description** |
| --- | --- |
| D | De-Energised |
| E | Energised |

# MDD Entity Id 45 - Market Participant Role

| **Market Participant Id** |  |
| --- | --- |
| **Market Participant Role Code** |  |
| **Effective From Date {MPR}** |  |
| **Effective To Date {MPR}** |  |
| Address Line 1 |  |
| **Address Line 2** |  |
| **Address Line 3** |  |
| **Address Line 4** |  |
| **Address Line 5** |  |
| **Address Line 6** |  |
| **Address Line 7** |  |
| **Address Line 8** |  |
| **Address Line 9** |  |
| **Post Code** |  |
| **Distributor Short Code** |  |

## Column Name Data Type/Length Other information

Market Participant Id1 4 Characters Mandatory

Market Participant Role Code2 1 Character Mandatory

Effective From Date {MPR} Date Mandatory

Effective To Date {MPR} Date Optional

Address Line 1 Up to 40 Characters Mandatory – to be populated with Participant Name. Remaining Address Lines contain address details

Address Lines 2 – 93 Up to 40 Characters Optional

Post Code Up to 10 Characters Mandatory

Distributor Short Code Integer Mandatory if Market Participant Role Code = R (Licensed Distribution System Operator) otherwise Null

1 The valid set of values is contained in the MDD table Market Participant (MDD Entity Id 1)

2 The valid set of values is contained in the MDD table Market Role (MDD Entity Id 21)

3 No gaps allowed in address lines e.g. if Address Line 4 is populated then Address Lines 1 through 3 must be populated also

# MDD Entity Id 45 - Market Participant Role contd…

### Example

| **Market Participant Id** | BMET |
| --- | --- |
| **Market Participant Role Code** | M |
| **Effective From Date {MPR}** | 01/07/2006 |
| **Effective To Date {MPR}** |  |
| **Address Line 1** | BGlobal Metering Limited |
| **Address Line 2** | Arkwright House |
| **Address Line 3** | Arkwright Court |
| **Address Line 4** | Commercial Rd |
| **Address Line 5** | Darwen |
| **Address Line 6** | Lancashire |
| **Address Line 7** |  |
| **Address Line 8** |  |
| **Address Line 9** |  |
| **Post Code** | BB3 0FG |
| **Distributor Short Code** |  |

# MDD Entity Id 46 - Measurement Class

| **Measurement Class Id** | **Measurement Class Description** | **Effective From Settlement Date {MCLA}** | **Effective To Settlement Date {MCLA}** |
| --- | --- | --- | --- |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

## Column Name Data Type/Length Other information

Measurement Class Id 1 Character Mandatory

Measurement Class Description Up to 30 characters Mandatory

Effective From Settlement Date {MCLA} Date Mandatory

Effective To Settlement Date {MCLA} Date Optional

### Example

| **Measurement Class Id** | **Measurement Class Description** | **Effective From Settlement Date {MCLA}** | **Effective To Settlement Date {MCLA}** |
| --- | --- | --- | --- |
| A | Non Half Hourly Metered | 01/04/1996 |  |
| B | Non Half Hourly Unmetered | 01/04/1996 |  |
| C | Half Hourly Metered | 01/04/1996 |  |
| D | Half Hourly Unmetered | 01/04/1996 |  |
| E | HH metered not 100kW Premises | 29/10/1999 |  |

# MDD Entity Id 47 - Measurement Quantity

| **Measurement Quantity Id** | **Measurement Quantity Description** | **Direction of Energy Flow** |
| --- | --- | --- |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

## Column Name Data Type/Length Other information

Measurement Quantity Id 2 Characters Mandatory

Measurement Quantity Description Up to 50 Characters Mandatory

Direction of Energy Flow E or I Mandatory

### Example

| **Measurement Quantity Id** | **Measurement Quantity Description** | **Direction of Energy Flow** |
| --- | --- | --- |
| AE | Active kWh export (Generation) | E |
| AI | Active kWh import (Consumption) | I |
| AL | Alarm | I |
| AM | AMPS MAXIMUM DEMAND (Amps) | I |
| AR | Phase Advance Reactive | I |

# MDD Entity Id 48 - Off Tolerance

This MDD item is now redundant

# MDD Entity Id 49 - Regression Coefficient Type

| **Regression Coefficient Type** | **Regression Coefficient Type Description** |
| --- | --- |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |

## Column Name Data Type/Length Other information

Regression Coefficient Type Integer (0 – 99) Mandatory

Regression Coefficient Type Description Up to 30 Characters Mandatory

### Example

| **Regression Coefficient Type** | **Regression Coefficient Type Description** |
| --- | --- |
| 0 | Constant |
| 1 | Day of Week 1 |
| 2 | Day of Week 2 |
| 3 | Day of Week 3 |
| 4 | Day of Week 4 |
| 5 | Noon Effective Temperature |
| 6 | Time of Sunset |
| 7 | (Time of Sunset)2 |

# MDD Entity Id 50 - Season

| **Season Id** | **Season Description** |
| --- | --- |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |

## Column Name Data Type/Length Other information

Season Id Integer (0 - 9) Mandatory

Season Description Up to 50 Characters Mandatory

### Example

| **Season Id** | **Season Description** |
| --- | --- |
| 1 | Winter |
| 2 | Spring |
| 3 | Summer |
| 4 | High Summer |
| 5 | Autumn |

# MDD Entity Id 51 - Settlement Type

| **Settlement Code** | **Settlement Sequence Number** | **Settlement Code Description** |
| --- | --- | --- |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

## Column Name Data Type/Length Other information

Settlement Code 2 Characters Mandatory

Settlement Sequence Number Integer (1 – 99) Optional

Settlement Code Description Up to 30 Characters Mandatory

### Example

| **Settlement Code** | **Settlement Sequence Number** | **Settlement Code Description** |
| --- | --- | --- |
| DR |  | Dispute |
| II | 1 | Interim Information Volume Allocation |
| SF | 2 | Final Initial Volume Allocation |
| R1 | 3 | First Reconciliation Volume Allocation |
| R2 | 4 | Second Reconciliation Volume Allocation |
| R3 | 5 | Third Reconciliation Volume Allocation |
| RF | 6 | Final Reconciliation Volume Allocation |
| DF | 7 | Final Dispute |

# MDD Entity Id 52 - Meter Timeswitch Class

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Meter Timeswitch Class ID | MTC Meter Type ID | Meter Type Effective From Settlement Date | MTC Payment Type Id | Payment Type Effective From Settlement Date | MTC Effective From Settlement Date | MTC Effective To Settlement Date | MTC Common Code Indicator | MTC Related Metering System Indicator | MTC Description | MTC Communication Indicator | MTC Type Indicator |
|  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |

## Column Name Data Type/Length Other information

##### Meter Timeswitch Class Id Integer (3) Mandatory

MTC Meter Type Id 2 Characters Mandatory

Meter Type Effective From Settlement Date Date Optional

MTC Payment Type Id 2 Characters Mandatory

Payment Type Effective From Settlement Date Date Optional

MTC Effective From Settlement Date Date Mandatory

MTC Effective To Settlement Date Date Optional

MTC Common Code Indicator 1 Character (T or F) Mandatory

MTC Related Metering System Indicator 1 Character (T or F) Mandatory

MTC Description Up to 50 Characters Mandatory

MTC Communication Indicator 1 Character (Y, N or X) Mandatory

MTC Type Indicator 1 Character (N, H or X) Mandatory

### Example

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Meter Timeswitch Class ID | MTC Meter Type Id | Meter Type Effective From Settlement Date | MTC Payment Type Id | Payment Type Effective From Settlement Date | MTC Effective From Settlement Date | MTC Effective To Settlement Date | MTC Common Code Indicator | MTC Related Metering System Indicator | MTC Description | MTC Communicat-ion Indicator | MTC Type Indicator |
| 5 |  |  |  |  | 01/04/1996 |  | F | F |  |  |  |
| 502 | UM |  | CR |  | 01/04/1996 |  | T | T | Related unmetered Continuous – Flat Profile | N | N |
| 575 | LN |  |  |  | 01/04/1996 |  | F | T |  |  |  |
| 863 | PH |  | CR |  | 01/04/1996 |  | T | F | Unmetered Pseudo HH | N | H |
|  |  |  |  |  |  |  |  |  |  |  |  |

# MDD Entity Id 53 - Meter Timeswitch Class for Distributor[[3]](#footnote-3)

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Meter Timeswitch Class Id | MTC Effective From Settlement Date | MTC Effective To Settlement Date | MTC Common Code Indicator | Market Participant Role Code | Market Participant Role Effective From Settlement Date | MTC Meter Type Id | Meter Type Effective From Settlement Date | MTC Payment Type ID | Payment Type Effective From Settlement Date | Distributor Id |
|  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| MTC Description | MTC Communication Indicator | MTC Type Indicator | MTC for Distributor Effective From Settlement Date | MTC for Distributor Effective To Settlement Date |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |

## Column Name Data Type/Length Other information

##### Meter Timeswitch Class Id Integer (3) Mandatory

MTC Effective From Settlement Date Date Mandatory[[4]](#footnote-4)

MTC Effective To Settlement Date Date Optional

MTC Common Code Indicator 1 Character (T or F) Mandatory

Market Participant Role Code 1 Character Mandatory

Market Participant Role Effective From

Settlement Date Date Mandatory

MTC Meter Type Id 2 Characters Optional

Meter Type Effective From Settlement Date Date Optional

MTC Payment Type Id 2 Characters Optional

Payment Type Effective From Settlement Date Date Optional

Distributor Id 4 Characters Mandatory

MTC Description Up to 50 Characters Optional

MTC Communication Indicator 1 Character (N/Y/X) Optional

MTC Type Indicator 1 Character (H/N/X) Optional

MTC for Distributor Effective From Settlement Date Date Mandatory

MTC for Distributor Effective To Settlement Date Date Optional

### Example

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Meter Timeswitch Class Id | MTC Effective From Settlement Date | MTC Effective To Settlement Date | MTC Common Code Indicator | Market Participant Role Code | Market Participant Role Effective From Settlement Date | MTC Meter Type Id | Meter Type Effective From Settlement Date | MTC Payment Type ID | Payment Type Effective From Settlement Date | Distributor Id |
| 5 | 01/04/1996 |  | F | R | 01/03/1996 | TP |  | CR |  | NORW |
|  |  |  |  |  |  |  |  |  |  |  |
| 575 | 01/04/1996 |  | F | R | 01/03/1996 | LN |  | TS |  | NORW |
|  |  |  |  |  |  |  |  |  |  |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| MTC Description | MTC Communication Indicator | MTC Type Indicator | MTC for Distributor Effective From Date | MTC for Distributor Effective To Date |
| E7 Evening and W/E T/S | N | N |  |  |
| E7 PPM Token Evening and W/E RTS Grp 61 | N | N |  |  |
|  |  |  |  |  |

# MDD Entity Id 54 - Valid MTC SSC Combinations

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Meter Timeswitch Class Id | MTC Effective From Settlement Date | Market Participant Id | MTC for Distributor Effective From Settlement Date | MTC for Distributor Effective To Settlement Date | SSC Id | SSC Effective From Settlement Date | SSC Effective To Settlement Date | Valid MTC/SSC Combination Effective From Settlement Date | Valid MTC/SSC Combination Effective To Settlement Date |
|  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |

## Column Name Data Type/Length Other information

##### Meter Timeswitch Class Id Integer (3) Mandatory

MTC Effective From Settlement Date Date Mandatory

Market Participant Id 4 Characters Mandatory

MTC for Distributor Effective From Settlement Date Date Mandatory4

MTC for Distributor Effective To Settlement Date Date Optional

SSC Id 4 Characters Mandatory

SSC Effective From Settlement Date Date Mandatory

SSC Effective To Settlement Date Date Optional

Valid MTC/SSC Combination Effective

From Settlement Date Date Mandatory

Valid MTC/SSC Combination Effective

To Settlement Date Date Optional

### Example

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Meter Timeswitch Class Id | MTC Effective From Settlement Date | Market Participant Id | MTC for Distributor Effective From Settlement Date | MTC for Distributor Effective To Settlement Date | SSC Id | SSC Effective From Settlement Date | SSC Effective To Settlement Date | Valid MTC/SSC Combination Effective From Settlement Date | Valid MTC/SSC Combination Effective To Settlement Date |
| 5 | 01/04/1996 | NORW | 01/04/1996 |  | 0327 | 01/04/1996 |  | 01/04/1996 |  |
| 502 | 01/04/1996 | NORW | 01/04/1996 |  | 0428 | 01/04/1996 |  | 01/04/1996 |  |
| 575 | 01/04/1996 | NORW | 01/04/1996 |  | 0478 | 01/04/1996 |  | 29/01/1999 | 20/12/2002 |

# MDD Entity ID 55 - Valid MTC LLFC Combinations

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Meter Timeswitch Class Id | MTC Effective From Settlement Date | Market Participant Id | MTC for Distributor Effective From Settlement Date | MTC for Distributor Effective To Settlement Date | Line Loss Factor Class Id | Market Participant Role Code | Market Participant Role Effective From Settlement Date | LLFC Effective From Settlement Date | LLFC Effective To Settlement Date | Valid MTC/LLFC Combination Effective From Settlement Date | Valid MTC/LLFC Combination Effective To Settlement Date |
|  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |

## Column Name Data Type/Length Other information

##### Meter Timeswitch Class Id Integer (3) Mandatory

MTC Effective From Settlement Date Date Mandatory

Market Participant Id 4 Characters Mandatory

MTC for Distributor Effective From Settlement Date Date Mandatory4

MTC for Distributor Effective To Settlement Date Date Optional

Line Loss Factor Class Id Up to 3 Characters Mandatory. Alphanumeric, excludes ‘000’ or any combination beginning ‘0’ or ‘00’, lower case letters, special characters and any combination using ‘I’ or ‘O’

Market Participant Role Code 1 Character Mandatory

Market Participant Role Effective

From Settlement Date Date Mandatory

LLFC Effective From Settlement Date Date Mandatory

LLFC Effective To Settlement Date Date Optional

Valid MTC/LLFC Combination Effective

From Settlement Date Date Mandatory

Valid MTC/LLFC Combination Effective

To Settlement Date Date Optional

### Example

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Meter Timeswitch Class Id | MTC Effective From Settlement Date | Market Participant Id | MTC for Distributor Effective From Settlement Date | MTC for Distributor Effective To Settlement Date[CP1190] | Line Loss Factor Class Id | Market Participant Role Code | Market Participant Role Effective From Settlement Date | LLFC Effective From Settlement Date | LLFC Effective To Settlement Date | Valid MTC/LLFC Combination Effective From Settlement Date | Valid MTC/LLFC Combination Effective To Settlement Date |
|  |  |  |  |  |  |  |  |  |  |  |  |
| 556 | 01/04/1996 | NORW | 01/04/1996 |  | 710 | R | 01/03/1996 | 16/11/1998 |  | 16/11/1998 |  |
| 845 | 01/04/1996 | NORW | 01/04/1996 |  | 480 | R | 01/03/1996 | 02/03/2001 |  | 02/03/2001 |  |
|  |  |  |  |  |  |  |  |  |  |  |  |

# MDD Entity ID 56 - Valid MTC LLFC SSC Combinations3

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Meter Timeswitch Class Id | Distributor Id | SSC Id | Valid MTC/SSC Combination Effective From Settlement Date | Valid MTC/SSC Combination Effective To Settlement Date | Line Loss Factor Class Id | Market Participant Role Code | Market Participant Role Effective From Settlement Date | LLFC Effective From Settlement Date | LLFC Effective To Settlement Date | Valid MTC/LLFC/SSC Combination Effective From Settlement Date | Valid MTC/LLFC/SSC Combination Effective To Settlement Date |
|  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |

## Column Name Data Type/Length Other information

##### Meter Timeswitch Class Id Integer (3) Mandatory

Distributor Id 4 Characters Mandatory

SSC Id 4 Characters Mandatory

Valid MTC/SSC Combination Effective

From Settlement Date Date Mandatory

Valid MTC/SSC Combination Effective

To Settlement Date Date Optional

Line Loss Factor Class Id Up to 3 Characters Mandatory. Alphanumeric, excludes ‘000’ or any combination beginning ‘0’ or ‘00’, lower case letters, special characters and any combination using ‘I’ or ‘O’

Market Participant Role Code 1 Character Mandatory

Market Participant Role Effective

From Settlement Date Date Mandatory

LLFC Effective From Settlement Date Date Mandatory

LLFC Effective To Settlement Date Date Optional

Valid MTC/LLFC/SSC Combination Effective

From Settlement Date Date Mandatory

Valid MTC/LLFC/SSC Combination Effective

To Settlement Date Date Optional

### Example

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Meter Timeswitch Class Id | Distributor Id | SSC Id | Valid MTC/SSC Combination Effective From Settlement Date | Valid MTC/SSC Combination Effective To Settlement Date | Line Loss Factor Class Id | Market Participant Role Code | Market Participant Role Effective From Settlement Date | LLFC Effective From Settlement Date | LLFC Effective To Settlement Date | Valid MTC/LLFC/SSC Combination Effective From Settlement Date | Valid MTC/LLFC/SSC Combination Effective To Settlement Date |
| 5 | NORW | 0327 | 01/04/1996 |  | 171 | RX | 01/03/1996 | 01/04/1996 |  | 01/04/1996 |  |
| 502 | NORW | 0428 | 01/04/1996 |  | 371 | RX | 01/03/1996 | 01/04/1996 |  | 01/04/1996 |  |
|  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |

# MDD Entity Id 57 - MTC Meter Type

| **MTC Meter Type Id** | **MTC Meter Type Description** | **Effective From Settlement Date {MMT}** | **Effective To Settlement Date {MMT}** |
| --- | --- | --- | --- |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

## Column Name Data Type/Length Other information

MTC Meter Type Id 2 Characters Mandatory

MTC Meter Type Description Up to 50 Characters Mandatory

Effective From Settlement Date Date Mandatory

Effective To Settlement Date Date Optional

### Example

| **MTC Meter Type Id** | **MTC Meter Type Description** | **Effective From Settlement Date {MMT}** | **Effective To Settlement Date {MMT}** |
| --- | --- | --- | --- |
| TN | Timeswitch Non-Programmable | 01/04/1996 |  |
| 6B | COP6(b) 100 days memory | 01/04/1996 |  |
| PH | Unmetered – pseudo Half Hour | 01/04/1996 |  |
| SS | Site Specific | 01/04/1996 |  |
| XX | Not Known | 01/04/1996 |  |

# MDD Entity Id 58 - MTC Payment Type

| **MTC Payment Type Id** | **MTC Payment Type Description** | **Effective From Settlement Date {MPT}** | **Effective To Settlement Date {MPT}** |
| --- | --- | --- | --- |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

## Column Name Data Type/Length Other information

MTC Payment Type Id 2 Characters Mandatory

MTC Payment Type Description Up to 50 Characters Mandatory

Effective From Settlement Date Date Mandatory

Effective To Settlement Date Date Optional

### Example

| **MTC Payment Type Id** | **MTC Payment Type Description** | **Effective From Settlement Date {MPT}** | **Effective To Settlement Date {MPT}** |
| --- | --- | --- | --- |
| CR | Credit | 01/04/1996 |  |
| TL | Token – Large | 01/04/1996 |  |
| KM | Key | 01/04/1996 |  |
| PL | Power Line Carrier | 01/04/1996 |  |
| OS | Other/Not Supported | 01/04/1996 |  |

# MDD Entity Id 59 - HH Default EAC

| **Measurement Class Id** | **HH Default EAC** | **Effective from Settlement Date {HHEAC}** | **Effective to Settlement Date {HHEAC}** |
| --- | --- | --- | --- |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

## Column Name Data Type/Length Other information

Measurement Class Id 1 Character Mandatory

HH Default EAC ± NUM (14,1) Mandatory and is provided in MWh

Effective From Settlement Date Date Mandatory (the first Settlement Date on which the EAC became active)

Effective To Settlement Date Date Optional (the last Settlement Date on which the EAC was active)

## Example

| **Measurement Class Id** | **HH Default EAC** | **Effective from Settlement Date {HHEAC}** | **Effective to Settlement Date {HHEAC}** |
| --- | --- | --- | --- |
| C | 750000.0 | 01/04/2000 | 16/07/2000 |
| C | 1500000.0 | 17/07/2000 |  |
| D | 8800.0 | 18/11/2015 |  |
| E | 240000.0 | 05/11/2015 |  |
| F | 4000.0 | 05/11/2015 |  |
| G | 80000.0 | 05/11/2015 |  |

# MDD Entity Id 60 - GSP Group Profile Class Tolerances

| **Profile Class Id** | **GSP Group Id** | **Lower Limit Tolerance** | **Upper Limit Tolerance** |
| --- | --- | --- | --- |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

## Column Name Data Type/Length Other information

Profile Class Id Integer (2) Mandatory

GSP Group Id 2 characters Mandatory

Lower Limit Tolerance Integer (7) Mandatory, must be a negative value in kWh

Upper Limit Tolerance Integer (7) Mandatory, must be a positive value in kWh

## Example

| **Profile Class Id** | **GSP Group Id** | **Lower Limit Tolerance** | **Upper Limit Tolerance** |
| --- | --- | --- | --- |
| 1 | \_A | -50,000 | 110,000 |
| 2 | \_B | -50,000 | 80,000 |
| 3 | \_C | -50,000 | 140,000 |
| 4 | \_D | -50,000 | 140,000 |
| 5 | \_E | -50,000 | 180,000 |
| 6 | \_F | -50,000 | 350,000 |
| 7 | \_G | -50,000 | 350,000 |
| 8 | \_H | -50,000 | 550,000 |

# MDD Entity Id 61 - BM Unit for Supplier in GSP Group

| **GSP Group Id** | **Market Participant (Supplier) Id** | **Market Participant Role Code** | **Effective From Date {MPR}** | **BM Unit Id** | **Effective From Settlement Date {BMUIGG}** | **Effective To Settlement Date (BMUIGG)** |
| --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |

## Column Name Data Type/Length Other information

GSP Group Id 2 Characters Mandatory

Market Participant (Supplier) Id 4 Characters Mandatory[[5]](#footnote-5)

Market Participant Role Code 1 Character (G) Mandatory

Effective From Date {MPR} Date Mandatory (the date must match the Effective From Date {BMUIGG} and the Supplier Base BM Unit in CRA)

BM Unit Id 11 Characters Mandatory

Effective From Date {BMUIGG} Date Mandatory (the first day on which the BM Unit was active within the GSP Group)

Effective To Date {BMUIGG} Date Optional (the last day on which the BM Unit was active within the GSP Group)

## Example

| **GSP Group Id** | **Market Participant (Supplier) Id** | **Market Participant Role Code** | **Effective From Date {MPR}** | **BM Unit Id** | **Effective From Settlement Date {BMUIGG}** | **Effective To Settlement Date (BMUIGG)** |
| --- | --- | --- | --- | --- | --- | --- |
| \_A | SOUT | X | 01/04/1996 | 2\_\_ASOUT000 | 08/09/2000 |  |
| \_B | SEEB | X | 01/04/1996 | 2\_\_BSEEB000 | 01/09/2000 |  |

# MDD Entity Id 62 - Details of Proposed Change to Unmetered Supplies Operational Information[[6]](#footnote-6)

| **Proposed Change to** **Unmetered Supplies Operational Information** | |
| --- | --- |
| Section. |  |
| Page number. |  |
| Reason for Change. |  |
| Details of Change (including redlined version of change, if appropriate). |  |
| Additional Information |  |

# MDD Entity Id 63 - Valid MTC LLFC SSC PC Combination

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Meter Timeswitch Class Id | Distributor Id | SSC Id | Valid MTC/SSC Combination Effective From Settlement Date | Line Loss Factor Class Id | Market Participant Role Code | Market Participant Role Effective From Settlement Date | LLFC Effective From Settlement Date | Valid MTC/LLFC/SSC Combination Effective From Settlement Date | Profile Class Id | Valid MTC LLFC SSC PC Combination Effective From Settlement Date | Valid MTC LLFC SSC PC Combination Effective To Settlement Date | Preserved Tariff Indicator |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |

**Column Name Data Type/Length Other information**

Meter Timeswitch Class Id Integer (3) Mandatory

Distributor Id 4 Characters Mandatory

SSC Id 4 Characters Mandatory

Valid MTC/SSC Combination Effective

From Settlement Date Date Mandatory

Line Loss Factor Class Id Up to 3 Characters Mandatory. Alphanumeric, excludes ‘000’ or any combination beginning ‘0’ or ‘00’, lower case letters, special characters and any combination using ‘I’ or ‘O’

Market Participant Role Code 1 Character Mandatory

Market Participant Role Effective

From Settlement Date Date Mandatory

LLFC Effective From Settlement Date Date Mandatory

Valid MTC/LLFC/SSC Combination Effective

From Settlement Date Date Mandatory

Profile Class Id Integer (2) Mandatory

Valid MTC LLFC SSC PC Combination Effective

From Settlement Date Date Mandatory

Valid MTC LLFC SSC PC Combination Effective

To Settlement Date Date Optional

Preserved Tariff Indicator 1 Character (T or F) Mandatory

**Example**

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Meter Timeswitch Class Id | Distributor Id | SSC Id | Valid MTC/SSC Combination Effective From Settlement Date | Line Loss Factor Class Id | Market Participant Role Code | Market Participant Role Effective From Settlement Date | LLFC Effective From Settlement Date | Valid MTC/LLFC/SSC Combination Effective From Settlement Date | Profile Class Id | Valid MTC LLFC SSC PC Combination Effective From Settlement Date | Valid MTC LLFC SSC PC Combination Effective To Settlement Date | Preserved Tariff Indicator |
| 5 | NORW | 0327 | 01/04/1996 | 171 | R | 01/03/1996 | 01/04/1996 | 15/01/1997 | 03 | 01/01/2009 |  | T |
| 502 | NORW | 0429 | 01/08/1996 | 221 | X | 01/03/1996 | 15/03/1996 | 15/01/1997 | 05 | 01/01/2009 |  | F |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |

# MDD Entity ID 64 - SMETS Version

|  |  |
| --- | --- |
| **SMETS Version** | **SMETS Version Description** |
| SMETS1 | SMETS Version 1 |
| SMETS2 | SMETS Version 2 |

**Column Name Data Type/Length Other information**

SMETS Version Up to 8 Characters Mandatory

SMETS Version Description Up to 30 Characters Mandatory

1. Scottish Day Type ID should only be completed where this is different to the Day Type ID and must be the same for both Scottish GSP Groups. The Valid Set for Scottish Day Type ID is the same as that for Day Type ID. The Scottish Day Type ID is not held in MDD. [↑](#footnote-ref-1)
2. A valid clock interval may not cover the end of a Settlement year. Where a Supplier desires a clock interval to cover a year end then it must be provided to the BSCCo in two parts e.g., 00:30–07:30 1 October to 30 April clock interval would be split in two parts e.g., part 1 00:30-07:30 1 October to 31 December and part 2 00:30-07:30 1 January to 30 April. [↑](#footnote-ref-2)
3. Changes relating to this entity shall be agreed with the relevant LDSO prior to making a formal submission. [↑](#footnote-ref-3)
4. Potentially there may be different effective dates for the Meter Timeswitch Class (MTC) within the Distribution Services Area e.g. Valid MTC and LLFC combination, valid MTC and SSC combination, and valid MTC, LLFC and SSC combination. If there are different effective dates, these should be noted on the form. [↑](#footnote-ref-4)
5. The Market Participant Role Code will always be “X” for those Suppliers who choose to implement Multiple BM Units. [↑](#footnote-ref-5)
6. This information is not included in the MDD database, but can be found on the BSC Website. [↑](#footnote-ref-6)