

Balancing and Settlement Code

BSC PROCEDURE
CHANGES TO MARKET DOMAIN DATA

BSCP509 – Appendix: MDD Entity Change
Request Forms

Version 12.0
Date: November 2007

AMENDMENT RECORD

Issue	Date	Version	Changes	Paper Reference
4	31/05/99	4.00	Recommendations from MDD Review and Operational Review.	S2F/07/70, TS2/10/288
5	19/11/99	4.10	SIR R1445 (CR R1716) and internal review comments embodied.	TS2/15/422
6	22/05/00	4.11	Changes made to SSC forms	TS2/19/561 TS2/21/610
6	Code Effective Date	D.01	Re-badged	
1	Code Effective Date	2.0	Approved for use by the Panel	
2	Code Effective Date	3.0	Version alignment changes from AP509 forms document embodied.	NCR329
		4.0	Incorporates changes for SVA Documentation Batch Release	CP727
	01/08/03	5.0	Incorporates changes for Modification P62	P62
	28/09/03	6.0	Incorporates changes for Modification P81	P81
2	23/02/05	9.0	SVA February 2005 Release	
2	BETTA Effective Date	10.0	BETTA 6.3	SVG/48/004
2	22/02/07	11.0	February 07 BSC Systems Release – CP1158	SVG/66/04
	<u>04/05/2007</u>	<u>11.1</u>	<u>Draft Redline Text for CP1190</u>	

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MDD Entity Id 1 - Market Participant

Market Participant Id	Market Participant Name	Trading Party Id

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}

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 accredited 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}

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 accredited 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	01/04/1996	

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}

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 accredited 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}

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	

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

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

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
_G	2	0937	26/04/2002	26/04/2002	14150	0.608000
_G	2	0937	26/04/2002	26/04/2002	14151	0.392000

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}	<u>Effective To Settlement Date {GGPCAE}</u>	Researched Average EAC

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
<u>Effective To Settlement Date {GGPCAE}</u>	<u>Date</u>	<u>Optional</u>
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}	<u>Effective To Settlement Date {GGPCAE}</u>	Researched Average EAC
_G	2	0937	26/04/2002	26/04/2002	<u>27/04/2002</u>	15437.0

MDD Entity Id 14 - Clock Time Change

Change Date	GMT Time	Post Change Local Time

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

<u>Column Name</u>	<u>Data Type/Length</u>	<u>Other information</u>
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}

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 accredited as a Licensed Distribution System Operator)
Line Loss Factor Class Id	Integer (0 – 999)	Mandatory
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}
SOUT	R	01/04/1996	666	Devil's Furnace Ltd	B	01/01/1999	
SEEB	R	01/04/1996	0	NON-STANDARD TARIFFS	A	01/04/1996	28/10/1998

MDD Entity Id 18 - GSP Group

GSP Group Id	GSP Group Name	<u>Region Id</u>

Column Name	Data Type/Length	Other information
GSP Group Id	2 characters	Mandatory
GSP Group Name	Up to 30 characters	Mandatory
<u>Region Id</u>	<u>Up to 2 characters</u>	<u>Mandatory</u>

Example

GSP Group Id	GSP Group Name	<u>Region Id</u>
_K	South Wales	<u>EW</u>
_L	South Western	<u>EW</u>
_M	Yorkshire	<u>EW</u>

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}

Column Name	Data Type/Length	Other information
Consumption Component Class ¹	Integer	Mandatory
Measurement Quantity Id ²	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

<u>GSP Group Id</u>	<u>Profile Class Id</u>	<u>GSP Group Profile Class Default EAC</u>	<u>Effective From Settlement Date {GGPCDE}</u>	<u>Effective To Settlement Date {GGPCDE}</u>

<u>Column Name</u>	<u>Data Type/Length</u>	<u>Other information</u>
GSP Group Id	2 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

<u>GSP Group Id</u>	<u>GSP Group Name</u>	<u>Profile Class Id</u>	<u>GSP Group Profile Class Default EAC</u>	<u>Effective From Settlement Date {GGPCDE}</u>	<u>Effective To Settlement Date {GGPCDE}</u>
<u>A</u>	<u>Eastern</u>	<u>1</u>	<u>3592.4</u>	<u>01/04/1996</u>	
<u>G</u>	<u>North Western</u>	<u>8</u>	<u>185491.7</u>	<u>01/04/1996</u>	

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	Season Id

Column Name	Data Type/Length	Other information
Settlement Date	Date	Mandatory
Day Type Id ¹	2 Characters	Mandatory
Season Id ²	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
01/01/2006	SU		2
02/01/2006	J1		2
03/01/2006	WE	J2	2
04/01/2006	WE		2

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.](#)

Settlement Date	Day Type Id	Scottish Day Type ID ¹	Season Id
05/01/2006	WE		2

MDD Entity Id 24 - Smoothing Parameter

Smoothing Parameter	Effective From Settlement Date {SPAR}	<u>Effective To Settlement Date {SPAR}</u>

Column Name	Data Type/Length	Other information
Smoothing Parameter	Numeric, 3 Decimal Places	Mandatory
Effective From Settlement Date {SPAR}	Date	Mandatory
<u>Effective To Settlement Date {SPAR}</u>	<u>Date</u>	<u>Optional</u>

Example

Smoothing Parameter	Effective From Settlement Date {SPAR}	<u>Effective To Settlement Date {SPAR}</u>
2.000	01/04/1996	<u>31/03/1997</u>

MDD Entity Id 25 - Threshold Parameter

Threshold Parameter	Effective From Settlement Date {TPAR}	<u>Effective To Settlement Date {TPAR}</u>

Column Name	Data Type/Length	Other information
Threshold Parameter	Integer	Mandatory
Effective From Settlement Date {TPAR}	Date	Mandatory
<u>Effective To Settlement Date {TPAR}</u>	<u>Date</u>	<u>Optional</u>

Example

Threshold Parameter	Effective From Settlement Date {TPAR}	<u>Effective To Settlement Date {TPAR}</u>
50	01/04/1996	<u>31/03/1997</u>

MDD Entity Id 26 - Yearly Season Details

Year	Season Id	Start Month	Start Day	End Day	End Month

Column Name	Data Type/Length	Other information
Year	Integer	Mandatory
Season Id ¹	Integer	Mandatory
Start Month	Integer	Mandatory
Start Day	Integer	Mandatory
End Month	Integer	Mandatory
End Day	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 Month	Start Day	End Month	End Day
1998	1	1	1	3	28
1998	1	10	25	12	31
1998	2	3	29	5	15
1998	3	5	16	7	24
1998	4	7	25	9	6
1998	5	9	7	10	24

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}

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	

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**

<u>Column Name</u>	<u>Data Type/Length</u>	<u>Other information</u>
Teleswitch Contact Code	1 Character (A, B, C or D)	Mandatory

Example**Teleswitch
Contact Code**

<u>A</u>
<u>B</u>
<u>C</u>
<u>D</u>

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

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
A1	Early August Bank Holiday
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	

<u>Column Name</u>	<u>Data Type/Length</u>	<u>Other information</u>
Market Participant Id ¹	4 Characters	Mandatory
Market Participant Role Code ²	1 Character	Mandatory
Effective From Date {MPR}	Date	Mandatory
Effective To Date {MPR}	Date	Optional
Address Line 1	Up to 40 Characters	Mandatory
Address Lines 2 – 9 ³	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	EELC
Market Participant Role Code	R
Effective From Date {MPR}	01/04/1996
Effective To Date {MPR}	
Address Line 1	Wherstead Park
Address Line 2	PO Box 40
Address Line 3	Wherstead
Address Line 4	IPSWICH
Address Line 5	
Address Line 6	
Address Line 7	
Address Line 8	
Address Line 9	
Post Code	IP9 2AQ
Distributor Short Code	10

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	

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

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
SF	1	Final Initial Volume Allocation
R1	2	First Reconciliation Volume Allocation
R2	3	Second Reconciliation Volume Allocation
R3	4	Third Reconciliation Volume Allocation
RF	5	Final Reconciliation Volume Allocation
DF	6	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
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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 Communication Indicator	MTC Type Indicator
5	TP		CR		01/04/1996		F	F	E7 Evening and W/E T/S	N	N
502	UN		CR		01/04/1996		T	T	Related unmetered Continuous – Flat Profile	N	N
575	LN		TS		01/04/1996		F	T	E7 PPM Token Evening and W/E RTS Grp 61	N	N
863	PH		CR		01/04/1996		T	F	Unmetered Pseudo Half Hourly	Y	H

MDD Entity Id 53 - Meter Timeswitch Class for Distributor

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 ²
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	Mandatory Optional
Meter Type Effective From Settlement Date	Date	Optional
MTC Payment Type Id	2 Characters	Mandatory Optional

² 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.

Payment Type Effective From Settlement Date	Date	Optional
Distributor Id	4 Characters	Mandatory
<u>MTC Description</u>	<u>Up to 50 Characters</u>	<u>Optional</u>
<u>MTC Communication Indicator</u>	<u>1 Character (N/Y/X)</u>	<u>Optional</u>
<u>MTC Type Indicator</u>	<u>1 Character (H/N/X)</u>	<u>Optional</u>
<u>MTC for Distributor Effective From Settlement Date</u>	<u>Date</u>	<u>Mandatory</u>
<u>MTC for Distributor Effective To Settlement Date</u>	<u>Date</u>	<u>Optional</u>

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	X	01/03/1996	TP		CR		NORW
502	01/04/1996		T	X	01/03/1996	UN		CR		NORW
575	01/04/1996		F	X	01/03/1996	LN		TS		NORW

MTC Description	MTC Communication Indicator	MTC Type Indicator	<u>MTC for Distributor Effective From Date</u>	<u>MTC for Distributor Effective To Date</u>
E7 Evening and W/E T/S	N	N		
Related un-metered Continuous Flat Profile	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	Effective From Settlement Date of MTC within Distribution Services Area	Effective To Settlement Date of MTC within Distribution Services Area	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
Effective From Settlement Date of MTC within Distribution Services Area	Date	Mandatory ³
Effective To Settlement Date of MTC within Distribution Services Area	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

³ 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.

Meter Timeswitch Class Id	MTC Effective From Settlement Date	Market Participant Id	Effective From Settlement Date of MTC within Distribution Services Area	Effective To Settlement Date of MTC within Distribution Services Area	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		01/08/1996	
502	01/04/1996	NORW	01/04/1996		0429	01/04/1996		01/08/1996	
575	01/04/1996	NORW	01/04/1996		0478	01/04/1996		01/08/1996	

MDD Entity Id 55 - Valid MTC LLFC Combinations

Meter Timeswitch Class Id	MTC Effective From Settlement Date	Market Participant Id	Effective From Settlement Date of MTC within Distribution Services Area	Effective To Settlement Date of MTC within Distribution Services Area	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
Effective From Settlement Date of MTC within Distribution Services Area	Date	Mandatory ⁴
Effective To Settlement Date of MTC within Distribution Services Area	Date	Optional
Line Loss Factor Class Id	Integer (3)	Mandatory
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

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.

Example

Meter Timeswitch Class Id	MTC Effective From Settlement Date	Market Participant Id	Effective From Settlement Date of MTC within Distribution Services Area	Effective To Settlement Date of MTC within Distribution Services Area	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
5	01/04/1996	NORW	01/04/1996		221	X	01/03/1996	15/03/1996		01/01/1997	
502	01/04/1996	NORW	01/04/1996		221	X	01/03/1996	15/03/1996		01/01/1997	
575	01/04/1996	NORW	01/04/1996		221	X	01/03/1996	15/03/1996		01/01/1997	

MDD Entity Id 56 - Valid MTC LLFC SSC Combinations

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	Integer (3)	Mandatory
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/SC Combination Effective From Settlement Date	Valid MTC/LLFC/SSC Combination Effective To Settlement Date
5	NORW	0327	01/08/1996		221	X	01/03/1996	15/03/1996		15/01/1997	
502	NORW	0429	01/08/1996		221	X	01/03/1996	15/03/1996		15/01/1997	
575	NORW	0478	01/08/1996		221	X	01/03/1996	15/03/1996		15/01/1997	

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

HH Default EAC	Effective from Settlement Date {HHEAC}	Effective to Settlement Date {HHEAC}

Column Name	Data Type/Length	Other information
HH Default EAC	± NUM (14,1)	Mandatory and is provided in kWh
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

HH Default EAC	Effective from Settlement Date {HHEAC}	Effective to Settlement Date {HHEAC}
750000.0	01/04/2000	
750001.0	02/04/2000	

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
Market Participant Role Code	1 Character (G)	Mandatory
Effective From Date {MPR}	Date	Mandatory (the date on which the Market Participant was accredited as a Supplier)
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	123456ABCDE	01/12/00	
_B	SEEB	X	01/04/1996	234567ABCDE	01/12/00	

⁵ The Market Participant Role Code will always be “X” for those Suppliers who choose to implement Multiple BM Units.

MDD Entity ID 62 - Details of Proposed Change to Unmetered Supplies Operational Information⁶

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	

⁶ This information is not included in the MDD database, but can be found on the BSC Website.