# Industry Standing Data: MHHS Entities/Data Items

**Version 5.8**

# Contents

# Introduction

For this document wherever DATE format is used for an ISD Data item, the ISO Standard 8601 short format is used, e.g. YYYY-MM-DD.
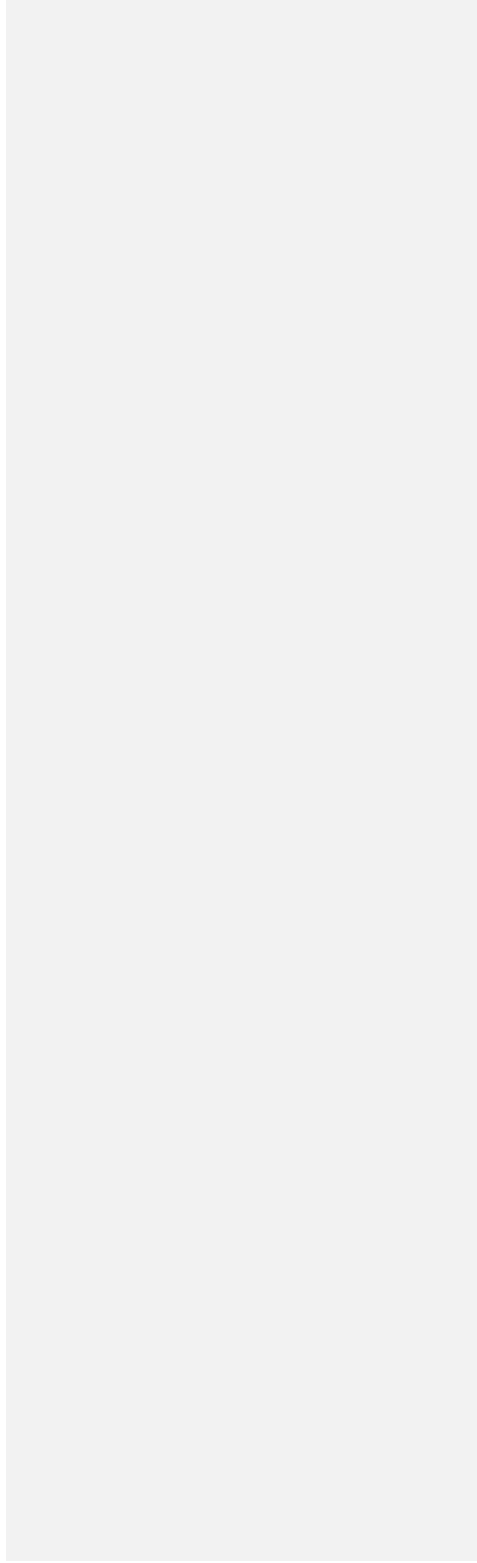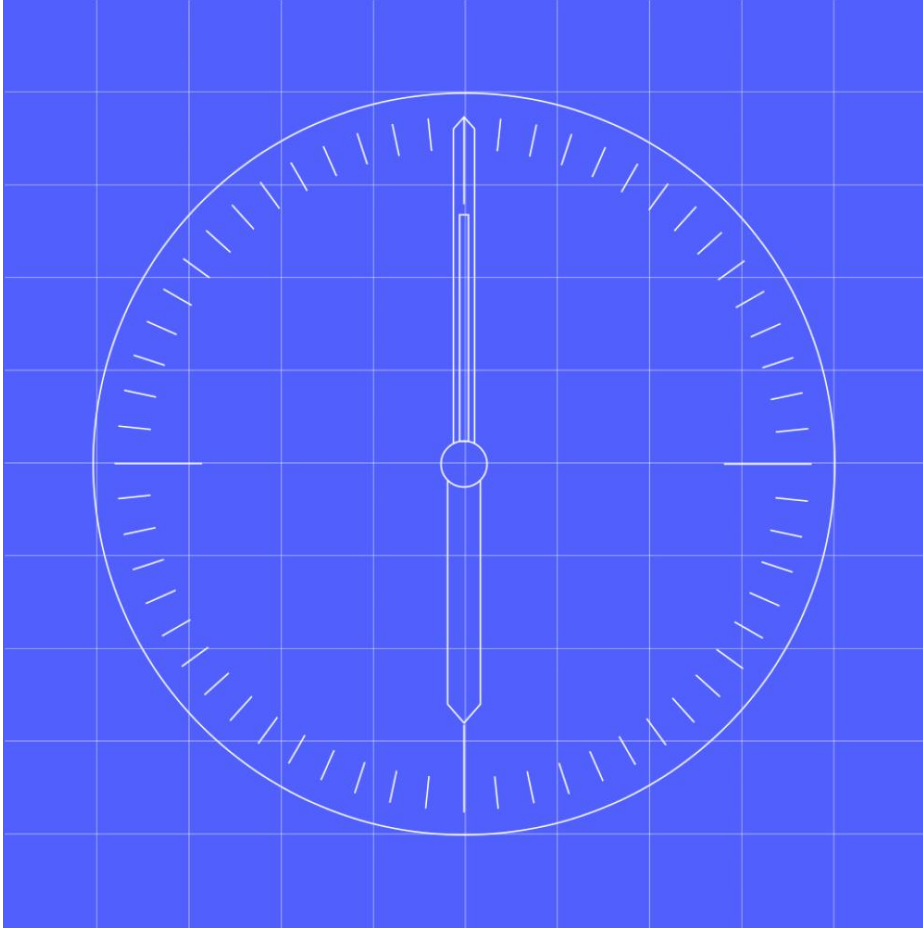
# Amended Existing Entities

## ISD Entity ID   1      -      Market Participant Organisation

| Company Registration Number | Registered Company Name | ISO Country Code |
|---|---|---|
|  |  |  |
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|  |  |  |

| Column Name | Data Type/Length | Other information |
|---|---|---|
| Company Registration Number | Up to 10 characters | Mandatory |
| Registered Company Name | Up to 160 characters | Mandatory (checked against Companies House) |
| ISO Country Code | 2 characters | Mandatory (default is GB) |

Commented [M(2]: DIN730

### Example

| Company Registration Number | Registered Company Name | ISO Country Code |
|---|---|---|
| 03078711 | BRITISH GAS TRADING LIMITED | GB |
| 03782443 | E.ON NEXT ENERGY LIMITED | GB |
| 12291202 | MORRISON ENERGY SERVICES | GB |

## ISD 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 | 4 characters | Mandatory, the LDSO MPID |
| Market Participant Role Code | 1 character | Mandatory, R in all cases |
| 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 | 1996-04-01 | 1996-04-01 | |
| _E | MIDE | R | 1996-04-01 | 1996-04-01 | |

## ISD 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 | 1996-04-01 | 1996-04-01 | |
| _B | EMEB | P | 1996-04-01 | 1996-04-01 | |

# ISD Entity ID  14   -   Clock Time Change

| Change Date | GMT Time | Post Change Local Time |
|---|---|---|
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

| Column Name | Data Type/Length | Other information |
|---|---|---|
| Change Date | Date | Mandatory, The day on which the clocks change (forward or back) |
| GMT Time | Time | Mandatory, 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 | Mandatory, 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 |  |
|---|---|---|---|
| 1998-03-29 | 01:00:00 | 02:00:00 | Clocks go forward |
| 1998-10-25 | 01:00:00 | 01:00:00 | Clocks go back |

# ISD Entity ID  17   -      DUoS Tariff ID

| Market Participant ID | Market Participant Role Code | Effective From Date {MPR} | GSP Group ID | DUoS Tariff ID | DUoS Tariff Description | Effective From Settlement Date {DUoS ID } | Effective To Settlement Date {DUoS ID } | DUoS Tariff Domestic Premise Indicator | DUoS Tariff Energy | LLF ID | MS Specific LLF ID Indicator |
|---|---|---|---|---|---|---|---|---|---|---|---|
|  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |

| Column Name | Data Type/Length | Other information |
|---|---|---|
| Market Participant ID | 4 characters | Mandatory, the LDSO MPID |
| 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) |
| GSP Group ID | 2 characters | Mandatory |
| DUoS Tariff 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' |
| DUoS Tariff Description | Up to 50 characters | Mandatory |
| Effective From Settlement Date {DUoS Tariff} ID } | Date | Mandatory (the first Settlement Date on which the DUoS Tariff ID  is active) |
| Effective To Settlement Date {DUoS Tariff} ID } | Date | Optional (the last Settlement Date on which the DUoS Tariff ID  is active) |
| DUoS Tariff Domestic Premise Indicator | Boolean | Mandatory, T or F |
| DUoS Tariff Energy Direction | 1 character | Mandatory, E or I |
| Line Loss Factor Identifier | 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' |
| MS Specific LLF ID Indicator | 1 character | Mandatory A (General LLF Class Import), B (Site Specific Import), C (General LLF Class Export) and D (Site Specific Export) |

## Example

| Market Participant ID | Market Participant Role Code | Effective From Date {MPR} | DUoS Tariff ID | DUoS Tariff Description | Effective From Settlement Date {DUoS ID} | Effective To Settlement Date {DUoS ID} | DUoS Tariff Domestic Premise Indicator | DUoS Tariff Energy | LLF ID | MS Specific LLF ID Indicator |
|---|---|---|---|---|---|---|---|---|---|---|
| NORW | R | 1996-04-01 | 300 | Solway Offshore Wind, Import | 2007-04-05 | | F | I | 111 | B |
| FEAL | R | 2017-11-15 | A01 | LV_A/LV Dom Agg with Res | 2021-11-17 | | T | I | A22 | A |

# ISD Entity ID 18 - GSP Group

| GSP Group ID | GSP Group Name |
|---|---|
|  |  |
|  |  |
|  |  |
|  |  |

| Column Name | Data Type/Length | Other information |
|---|---|---|
| GSP Group ID | 2 characters | Mandatory |
| GSP Group Name | Up to 30 characters | Mandatory |

## Example

| GSP Group ID | GSP Group Name |
|---|---|
| _K | South Wales |
| _L | South Western |
| _M | Yorkshire |

# ISD Entity ID  21   -   Market Role

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

| Column Name | Data Type/Length | Other information |
|---|---|---|
| Market Participant Role Code | 1 character | Mandatory |
| Market Role Description | Up to 40 characters | Mandatory |

**Example (note MHHS service roles to be added)**

| Market Participant Role Code | Market Role Description |
|---|---|
| X | Supplier |
| R | Distributor |

# ISD Entity ID 23 - Settlement Period Duration

| Settlement Period Duration | Settlement Period Duration (Description) | Effective from Settlement Date {SPD} | Effective to Settlement Date {SPD} |
|---|---|---|---|
| | | | |
| | | | |
| | | | |
| | | | |

| Column Name | Data Type/Length | Other information |
|---|---|---|
| Settlement Period Duration | Integer 2 | Mandatory |
| Settlement Period Duration (Description) | 50 characters | Mandatory |
| Effective From Settlement Date {SPD} | Date | Mandatory YYYY-MM-DD |
| Effective To Settlement Date {SPD} | Date | Optional YYYY-MM-DD |

### Example

| Settlement Period Duration | Settlement Period Duration (Description) | Effective from Settlement Date {SPD} | Effective to Settlement Date {SPD} |
|---|---|---|---|
| 30 | The duration of a Settlement Period in minutes | 1996-04-01 | |
| | | | |
| | | | |
| | | | |

# ISD Entity ID  43   -   Day Type ID

| Day Type ID | Day Type ID  Description |
|---|---|
|  |  |
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|  |  |
|  |  |

| Column Name | Data Type/Length | Other information |
|---|---|---|
| Day Type ID | 2 characters | Mandatory |
| Day Type ID  Description | Up to 30 characters | Mandatory |

## Example

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

# ISD 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 |

# ISD Entity ID  45  -  Market Participant Role

| | |
|---|---|
| Company Registration Number | |
| **Market Participant ID** | |
| **Market Participant Role Code** | |
| **Effective From Date {MPR}** | |
| **Effective To Date {MPR}** | |
| **Distributor Short Code** | |
| **Trading Party ID** | |

| Column Name | Data Type/Length | Other information |
|---|---|---|
| Company Registration Number[1] | Up to 10 characters | Mandatory |
| Market Participant ID | 4 characters | Mandatory |
| Market Participant Role Code[2] | 1 character | Optional |
| Effective From Date {MPR} | Date | Mandatory |
| Effective To Date {MPR} | Date | Optional |
| Distributor Short Code[3] | Integer | Conditional Mandatory if Market Participant Role Code is R (Distributor), P (SMRA) or 3 (UMSO), otherwise Null |
| 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. |

[1] The valid set of values is contained in the ISD table Market Participant Organisations (ISD Entity ID  1)

[2] The valid set of values is contained in the ISD table Market Role (ISD Entity ID  21). It should be noted that some new MHHS Participants may not have a MPRC assigned.

[3] Propose to require Distributor Short Code to also be held against Market Participant ID  for SMRA and UMSO

[4] Where an MPID is related to the following Market Roles: Meter Operator, Advanced MOA or Smart MOA, the MPID and Market Role combinations must always be assigned to the same Company ID.

**Example**

| | |
|---|---|
| Company Registration Number | 04945062 |
| **Market Participant ID** | BMET |
| **Market Participant Role Code** | M |
| **Effective From Date {MPR}** | 01-07-2006 |
| **Effective To Date {MPR}** | |
| **Distributor Short Code** | |
| **Trading Party ID** | |
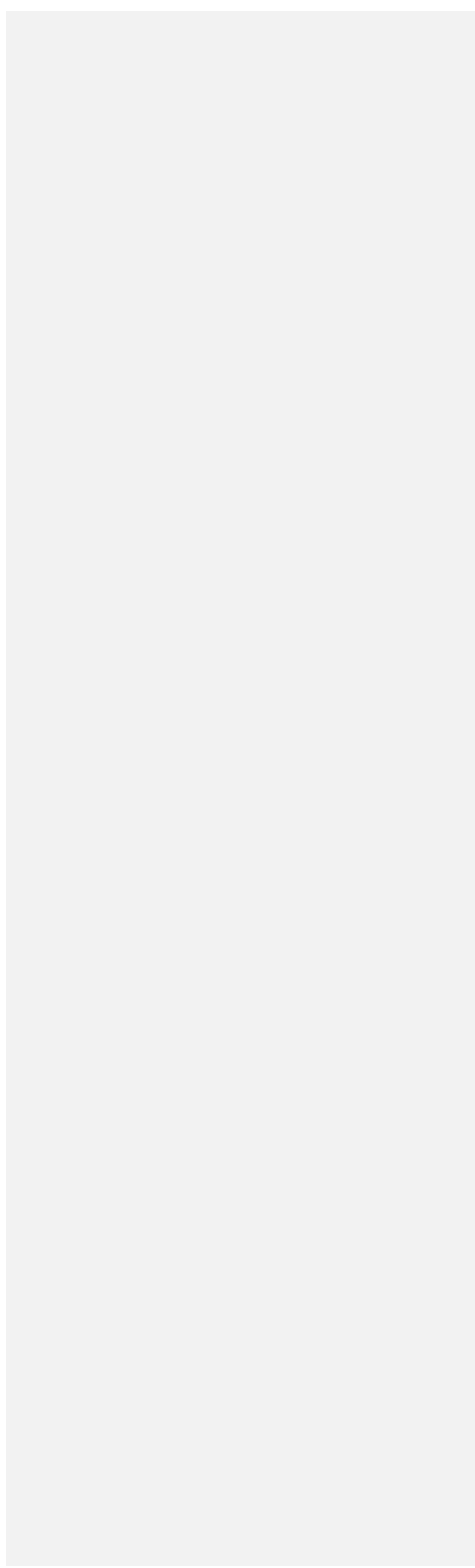
# ISD Entity ID  47   -    Measurement Quantity

| Measurement Quantity ID | Measurement Quantity Description | Energy Direction |
|---|---|---|
|  |  |  |
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|  |  |  |
|  |  |  |

| Column Name | Data Type/Length | Other information |
|---|---|---|
| Measurement Quantity ID | 2 characters | Mandatory |
| Measurement Quantity Description | Up to 50 characters | Mandatory |
| Energy Direction | 1 character | Mandatory, E or I |

**Example**

| Measurement Quantity ID | Measurement Quantity Description | Energy Direction |
|---|---|---|
| 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 |

# ISD Entity ID  51  -  Settlement Type

| Settlement Code | Settlement Sequence Number | Settlement Code Description |
|---|---|---|
|  |  |  |
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|  |  |  |
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|  |  |  |
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| Column Name | Data Type/Length | Other information |
|---|---|---|
| Settlement Code | 2 characters | Mandatory |
| Settlement Sequence Number | Int(2) | Optional, 1 to 99 |
| Settlement Code Description | Up to 30 characters | Mandatory |

Example (note the following types needed for Transition but will be reduced set post Transition completion)

| 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 |

# ISD 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 {BMU ID} | Effective To Settlement Date {BMU ID} |
|---|---|---|---|---|---|---|
| | | | | | | |
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| | | | | | | |
| | | | | | | |

| Column Name | Data Type/Length | Other information |
|---|---|---|
| GSP Group ID | 2 characters | Mandatory |
| Market Participant ID | 4 characters | Mandatory the Supplier MPID |
| Market Participant Role Code | 1 character | Mandatory, X in all cases |
| Effective From Date {MPR} | Date | Mandatory (the date must match the Effective From Date {MPR} and the Supplier Base BM Unit in CRA) |
| BM Unit ID | 11 characters | Mandatory |
| Effective From Settlement Date {BMU ID} | Date | Mandatory (the first day on which the BM Unit was active within the GSP Group) |
| Effective To Settlement Date {BMU ID} | 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 {BMU ID} | Effective To Settlement Date (BMU ID} |
|---|---|---|---|---|---|---|
| _A | SOUT | X | 1996-04-01 | 2__ASOUT000 | 2000-09-08 | |
| _B | SEEB | X | 1996-04-01 | 2__BSEEB000 | 2000-09-01 | |

# New MHHS Entities

## ISD Entity ID  M1   -      Market Segment

| Market Segment Indicator | Effective From Settlement Date {MSI} | Market Segment Description |
|---|---|---|
| | | |
| | | |
| | | |

| Column Name | Data Type/Length | Other information |
|---|---|---|
| Market Segment Indicator | 1 characters | Mandatory. Either 'U', 'S' or 'A' |
| Effective From Settlement Date {MSI} | Date | Mandatory |
| Market Segment Description | Up to 50 characters | Mandatory |

**Example:**

| Market Segment Indicator | Effective From Settlement Date {MSI} | Market Segment Description |
|---|---|---|
| U | 2025-04-01 | Unmetered Supplies Market |
| S | 2025-04-01 | Smart and Non-smart Market |
| A | 2025-04-01 | Advanced Market Segment |

## ISD Entity ID  M2   -   Connection Type Indicator

| Connection Type Indicator | Connection Type Description |
|---|---|
| | |
| | |
| | |
| | |

| Column Name | Data Type/Length | Other information |
|---|---|---|
| Connection Type Indicator | 1 characters | Mandatory, Either W, L, H, E or U |
| Connection Type Description | Up to 50 characters | Mandatory. Either Whole Current, Low Voltage with Current Transformer. High Voltage with Current transformer, Extra High Voltage with Current Transformer or Unmetered |

**Example:**

| Connection Type Indicator | Connection Type Description |
|---|---|
| W | Whole Current |
| L | Low Voltage with Current Transformer |
| H | High Voltage with Current transformer |
| E | Extra High Voltage with Current Transformer |
| U | Unmetered |

# ISD Entity ID M3   -      Line Loss Factor Identifier

| Market Participant ID | Line Loss Factor Identifier | LLF ID Description | MS Specific LLF ID Indicator | Effective From Settlement Date {LLF ID} | Effective To Settlement Date {LLF ID} |
|---|---|---|---|---|---|
| | | | | | |
| | | | | | |
| | | | | | |
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| Column Name | Data Type/Length | Other information |
|---|---|---|
| Market Participant ID | 4 characters | Mandatory, the LDSO MPID |
| Line Loss Factor Identifier | 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' |
| LLF ID  Description | Up to 50 characters | Mandatory |
| MS Specific LLF ID  Indicator | 1 character | Mandatory A, B, C or D, A (General LLF Class Import), B (Site Specific Import), C (General LLF Class Export) and D (Site Specific Export |
| Effective From Settlement Date {LLF ID} | Date | Mandatory (the first Settlement Date on which the LLF Id  is active) |
| Effective To Settlement Date {LLF ID} | Date | Optional (the last Settlement Date on which the LLF Id  is active) |

**Example:**

| Market Participant ID | Line Loss Factor Identifier | LLF ID Description | MS Specific LLF ID Indicator | Effective From Settlement Date {LLF ID} | Effective To Date {LLF ID} |
|---|---|---|---|---|---|
| NORW | 123 | Low Voltage Network | A | 2025-04-01 | |
| SEEB | 567 | NEWHVN - Import | B | 2025-04-01 | |
| SWEB | 910 | LV Generation HH | C | 2025-04-01 | |

# ISD Entity ID M4  -    Load Shape Categories

| Market Segment Indicator | GSP Group ID | Load Shape Domestic Premises Indicator | Measurement Quantity ID | Non-Smart Switched Load Profile | Off-Peak Period (UTC) Start Time | Off-Peak Period (UTC) End Time | Connection Type Indicator | De-minimis Data Count |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

| Column Name | Data Type/Length | Other information |
|---|---|---|
| Market Segment Indicator | 1 character | Mandatory |
| GSP Group ID | 2 characters | Optional, |
| Load Shape Domestic Premises Indicator | 1 character | Optional. Either T, F or null |
| Measurement Quantity ID | 2 characters | Mandatory. Either Active Import 'AI' or Active Export 'AE' |
| Non-Smart Switched Load Profile Class | Up to 2 characters | Optional. Either '02'or '04' |
| Off-Peak Period (UTC) Start Time | 12 characters | Optional, Either '00:00 or '00:30' |
| Off-Peak Period (UTC) End Time | 12 characters | Optional. Either '07:00 or '07:30' |
| Connection Type Indicator | 1 characters | Mandatory. Either W, L, H, E or U |
| De-minimis Data Count | Int(3) | Mandatory |

**Example:**

Note: Table above is for example purposes only. A full list is available in the LSS Method Statement.

| Market Segment Indicator | GSP Group ID | Load Shape Domestic Premises Indicator | Measurement Quantity ID | Non-Smart Switched Load Profile | Off-Peak Period (UTC) Start Time | Off-Peak Period (UTC) End Time | Connection Type Indicator | De-minimis Data Count |
|---|---|---|---|---|---|---|---|---|
| S | A | T | AI | 02 | 00:00 | 07:00 | W | [50] |
| S | A | F | AI | 04 | 00:00 | 07:00 | W | [50] |
| S | A | T | AE | | | | W | [50] |
| S | A | F | AE | | | | W | [50] |

## ISD Entity ID M5    -    MHHS Consumption Component Classes

| CCC ID | Market Segment Indicator | Measurement Quantity ID | Consumption Component Indicator | Connection Type Indicator | Settlement Period Quality Indicator |
|---|---|---|---|---|---|
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |

| Column Name | Data Type/Length | Other information |
|---|---|---|
| CCC ID | Int(3) | Mandatory. Unique Identifier for MHHS Consumption Component Classes |
| Market Segment Indicator | 1 character | Mandatory. Either 'U', 'S' or 'A' |
| Measurement Quantity  ID | 2 characters | Mandatory. Either Active Import 'AI' or Active Export 'AE' |
| Consumption Component Indicator Consumption 'C' or Losses 'L' | 1 character | Mandatory. Either |
| Connection Type Indicator | 1 character | Mandatory. Either W, L, H, E or U |
| Settlement Period Quality Indicator | 5 characters | Mandatory. E.g. A, E1, E2, E3, E4 |

**Example:**

| CCC ID | Market Segment Indicator | Measurement Quantity ID | Consumption Component Indicator | Connection Type Indicator | Settlement Period Quality Indicator |
|---|---|---|---|---|---|
| 104 | U | AI | C | U | E |
| 104 | U | AI | C | U | ZE |
| 105 | U | AI | L | U | E |
| 105 | U | AI | L | U | ZE |
| 106 | U | AE | C | U | A |
| 107 | U | AE | L | U | A |
| 108 | S | AI | C | W | A |
| 109 | S | AI | L | W | A |
| 110 | S | AE | C | W | A |

Note: Table above if incomplete and for example purposes only.

Commented [RT(17)]: DIN557

Commented [TR18]: DIN-1063

Commented [TR19]: DIN-1063

Commented [M(20)]: DIN158

Commented [TR21]: DIN-1063

Commented [M(22)]: DIN409 (following DRG decision)

Commented [M(23)]: DIN409 (following DRG decision)

# ISD Entity ID  M6   -     MHHS GSPG Scaling Weights

| CCC ID | GSPG Scaling Weight | Effective From Date {GSPGSW} | Effective To Date {GSPGSW} |
|---|---|---|---|
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

| Column Name | Data Type/Length | Other information |
|---|---|---|
| CCC ID | Integer  3 | Mandatory. Unique Identifier for MHHS Consumption Component Classes |
| GSPG Scaling Weight | Num(3), 2 decimal places | Mandatory |
| Effective From Date {GSPGSW} | Date | Mandatory |
| Effective To Date {GSPGSW} | Date | Optional |

**Example:**

| CCC ID | GSPG Scaling Weight | Effective From Date {GSPGSW} | Effective To Date {GSPGSW} |
|---|---|---|---|
| 100 | 1.20 | 2025-04-01 |  |
| 101 | 1.40 | 2025-04-01 |  |
| 102 | 1.20 | 2025-04-01 |  |
| 103 | 1.40 | 2025-04-01 |  |
| 104 | 1.40 | 2025-04-01 |  |

Note: Table above if incomplete and for example purposes only.

## ISD Entity ID M7 - Valid Market Segment/ Connection/ Meter Type/ Meter Group

| Market Segment Indicator | Connection Type Indicator | Meter Type | Meter Group |
|---|---|---|---|
|  |  |  |  |

| Column Name | Data Type/Length | Other information |
|---|---|---|
| Market Segment Indicator | 1 character | Mandatory. Either 'U', 'S' or 'A' |
| Connection Type Indicator | 1 character | Mandatory, Either U, W, L, H, E |
| Meter Type<br>or U for Unmetered | Up to 5 characters | Mandatory. Valid Set as per EMAR[1] |
| Meter Group | Up to 11 characters | Mandatory. Either Smart, Traditional, Advanced or Unmetered |

Commented [ZH24]: DIN-1033

Commented [ZH25]: DIN-1033

**Example:**

| Market Segment Indicator | Connection Type Indicator | Meter Type | Meter Group |
|---|---|---|---|
| S | W | S1 | Smart |
| S | W | S2A | Smart |
| S | W | S2B | Smart |
| S | W | S2C | Smart |
| S | W | S2AD | Smart |
| S | W | S2BD | Smart |
| S | W | S2CD | Smart |
| S | W | S2ADE | Smart |
| S | W | S2BDE | Smart |
| S | W | S2CDE | Smart |
| S | W | 2ADF | Smart |
| S | W | 2ADEF | Smart |
| S | W | 2AEF | Smart |
| S | W | 2AF | Smart |
| S | W | 2BF | Smart |
| S | W | 2BDF | Smart |
| S | W | 2BDEF | Smart |
| S | W | 2BEF | Smart |
| S | W | 2CDEF | Smart |
| S | W | 2CF | Smart |
| S | W | 2CDF | Smart |
| S | W | 2CEF | Smart |
| S | W | K | Traditional |

[1] Energy Market Architecture Repository (EMAR)

| | | | |
|---|---|---|---|
| S | W | N | Traditional |
| S | W | NSS | Traditional |
| S | W | S | Traditional |
| S | W | SPECL | Traditional |
| S | W | T | Traditional |
| A | W | H | Advanced |
| A | W | LAG_ | Advanced |
| A | W | LEAD_ | Advanced |
| A | W | MAIN_ | Advanced |
| A | W | NCAMR | Advanced |
| A | W | RCAMR | Advanced |
| A | W | RCAMY | Advanced |
| A | L | H | Advanced |
| A | L | LAG_ | Advanced |
| A | L | LEAD_ | Advanced |
| A | L | MAIN_ | Advanced |
| A | L | NCAMR | Advanced |
| A | L | RCAMR | Advanced |
| A | L | RCAMY | Advanced |
| A | H | H | Advanced |
| A | H | LAG_ | Advanced |
| A | H | LEAD_ | Advanced |
| A | H | MAIN_ | Advanced |
| A | H | NCAMR | Advanced |
| A | H | RCAMR | Advanced |
| A | H | RCAMY | Advanced |
| A | E | H | Advanced |
| A | E | LAG_ | Advanced |
| A | E | LEAD_ | Advanced |
| A | E | MAIN_ | Advanced |
| A | E | NCAMR | Advanced |
| A | E | RCAMR | Advanced |
| A | E | RCAMY | Advanced |
| U | U | U | Unmetered |
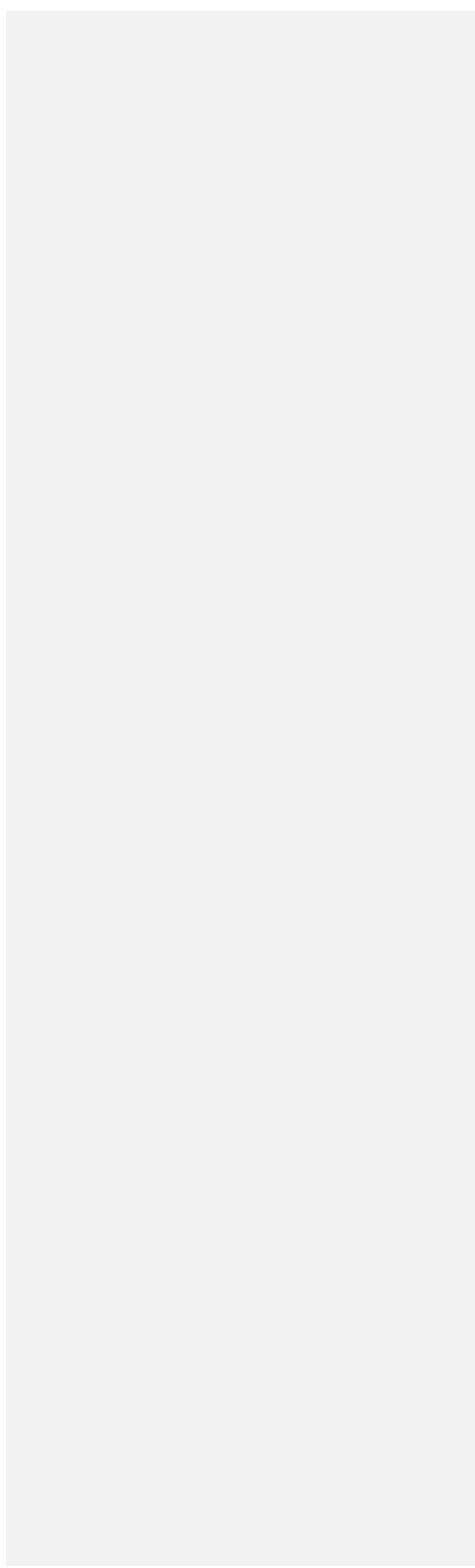
# ISD Entity ID M8 - Valid Market Segment/ Metering Service Mapping

| Market Segment Indicator | Metering Service ID {MS ID} | Effective From Date {MS ID} | Effective To Date {MS ID} |
|---|---|---|---|
| | | | |
| | | | |
| | | | |

| Column Name | Data Type/Length | Other information |
|---|---|---|
| Market Segment Indicator | 1 character | Mandatory. Either, 'S' or 'A' |
| Metering Service ID {MS ID} | 4 characters | Mandatory, A Valid Metering Service |
| Effective From Date {MS ID} | Date | Mandatory, YYYY-MM-DD |
| Effective To Date {MS ID} | Date | Optional, YYYY-MM-DD |

**Example:**

| Market Segment Indicator | Metering Service ID {MS ID} | Effective From Date {MS ID} | Effective To Date {MS ID} |
|---|---|---|---|
| S | ACCU | 2025-04-01 | |
| A | DASL | 2025-04-01 | |
| A | SPOW | 2025-04-01 | |

## ISD Entity ID  M9 - UMS Charge Codes

| Charge Code | Nominal Watts | Unit Description 1 | Unit Description 2 | Company | Manufacturer's Designation | Circuit Watts | Dimmed Circuit Watts | Effective From Date {CC} | Effective To Date {CC} | Equipment Type |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |

| Column Name | Data Type/Length | Other information |
|---|---|---|
| Charge Code | 13 Characters | Mandatory. |
| Nominal Watts | NUM(7,2) | Mandatory |
| Unit Description 1 | Up to 100 characters | Mandatory. |
| Unit Description 2 | Up to 100 characters | Optional |
| Company | Up to 50 characters | Mandatory. |
| Manufacturer's Designation | Up to 100 characters | Optional |
| | | |
| Circuit Watts | NUM(7,2) | Mandatory |
| Dimmed Circuit Watts | NUM(7,2) | Optional |
| Effective From Date {CC} | Date | Mandatory |
| Effective To Date {CC} | Date | Optional |
| Equipment Type | Up to 50 characters | Mandatory |

**Example:**

| Charge Code | Nominal Watts | Unit Description 1 | Unit Description 2 | Company | Manufacturer's Designation | Circuit Watts | Dimmed Circuit Watts | Effective From Date {CC} | Effective To Date | Equipment Type |
|---|---|---|---|---|---|---|---|---|---|---|
| 0100240000100 | 24 | General lighting service filament | Tungsten | Generic | None | 24 | | 2005-06-01 | | Lamps |
| 0100250000100 | 25 | General lighting service filament | GLS  GLD | Generic | None | 25 | | 2005-06-01 | | Lamps |
| 0100400000100 | 40 | General lighting service filament | GLS  GLD | Generic | None | 40 | | 2005-06-01 | | Lamps |
| 0100600000100 | 60 | General lighting service filament | GLS  GLD | Generic | None | 60 | | 2005-06-01 | | Lamps |

# ISD Entity ID  M10 – UMS Manufacturer Equipment LED Range Charge Codes

| Manufacturer | Manufacturers Designation | Generic LED Codes – Lower Limit | Generic LED Codes – Upper Limit | Effective From Date {LEDCC} | Effective To Date {LEDCC} |
|---|---|---|---|---|---|
|  |  |  |  |  |  |
|  |  |  |  |  |  |

| Column Name | Data Type/Length | Other information |
|---|---|---|
| Manufacturer | Up to 50 characters | Mandatory. |
| Manufacturers Designation | Up to 100 characters | Mandatory |
| Generic LED Codes – Lower Limit | 13 Characters | Mandatory |
| Generic LED Codes – Upper Limit | 13 Characters | Mandatory |
| Effective From Date {LEDCC} | Date | Mandatory |
| Effective To Date {LEDCC} | Date | Optional |

Commented [M(31): DIN678

**Example:**

| Manufacturer | Manufacturers Designation | Generic LED Codes – Lower Limit | Generic LED Codes – Upper Limit | Effective From Date {LEDCC} | Effective To Date {LEDCC} |
|---|---|---|---|---|---|
| Acrospire Products | ACRO-12L-MODULE-19W | 4200190000100 | 4200190000100 | 2019-10-23 |  |
| Acrospire Products | ACRO-12L-MODULE-28W | 4200280000100 | 4200280000100 | 2019-10-23 |  |
| Acrospire Products | ACRO-12L-MODULE-43W | 4200430000100 | 4200430000100 | 2019-10-23 |  |
| Acrospire Products | ACRO-24L-MODULE-43W | 4200430000100 | 4200430000100 | 2019-10-23 |  |
| Acrospire Products | ACRO-24L-MODULE-69W | 4200690000100 | 4200690000100 | 2019-10-23 |  |
| Acrospire Products | ACRO-24L-MODULE-83W | 4200830000100 | 4200830000100 | 2019-10-23 |  |

# ISD Entity ID  M11  -  UMS Switch Regimes

| Switch Regime | SR Description |
|---|---|
|  |  |
|  |  |
|  |  |

| After Sunset | Before Sunrise | Lux On | Lux Off | Intermediate Off | Intermediate On | Switch On | Switch Off |
|---|---|---|---|---|---|---|---|
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |

| Default Switch Regime | GMT/ CLK | Effective From Date {SR} | Effective To Date {SR} |
|---|---|---|---|
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

| Column Name | Data Type/Length | Other information |
|---|---|---|
| Switch Regime | 3 characters | Mandatory. |
| SR Description | Up to 100 characters | Mandatory. |
| . |  |  |
| After Sunset | Num(2) | Optional. |
| Before Sunrise | Num(2) | Optional. |
| Lux On | Num(3) | Optional. |
| Lux Off | Num(3) | Optional. |
| Intermediate Off | Time | Optional e.g. 00:00. |
| Intermediate On | Time | Optional e.g. 00:00. |
| Switch On | Time | Optional e.g. 00:00. |
| Switch Off | Time | Optional e.g. 00:00. |
| Default Switch Regime | 3 characters | Mandatory. |
| GMT/ CLK | 3 characters | Mandatory, GMT or CLK |
| Effective From Date (SR) | Date | Mandatory. YYYY-MM-DD |
| Effective To Date {SR} | Date | Optional. YYYY-MM-DD |

**N.B this Entity M11** Unmetered Supplies Switch Regimes will incorporate the Switch Regime data for Unmetered Supplies Highway Message Sign and Indicator Sign Operating Hours.

**Example:**

See: https://www.elexon.co.uk/operations-settlement/unmetered-supplies/charge-codes-and-switch-regimes/

# ISD Entity ID  M12  -      UMS Variable Power Switch Regimes

| Switch Regime | PECU lux level/ Time Settings | GMT or Clock | On Event | % Power | Switch Event 2 | % Power | Switch Event 3 | % Power | Switch Event 4 | % Power | Switch Event 5 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |

| % Power | Switch Event 6 | % Power | Switch Event 7 | % Power | Switch Event 8 | % Power | OFF Event |
|---|---|---|---|---|---|---|---|
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

| Column Name | Data Type/Length | Other information |
|---|---|---|
| Switch Regime | 3 characters | Mandatory. |
| PECU lux level/ Time Setting | 10 characters | Mandatory.  e.g.  70/35,  55/28,  35/18, 20/20, 10/10 and 5/5. |
| GMT or Clock | 3 characters | Mandatory. GMT or CLK |
| On Event | 5 characters | Mandatory. PECUS or TIMER |
| % Power | Num(3) | Mandatory. 0 to 100 |
| Switch Event 2 | Time | Optional. e.g. 00:00 |
| % Power | Num(3) | Optional. 0 to 100 |
| Switch Event 3 | Time | Optional. e.g. 00:00 |
| % Power | Num(3) | Optional. 0 to 100 |
| Switch Event 4 | Time | Optional. e.g. 00:00 |
| % Power | Num(3) | Optional. 0 to 100 |
| Switch Event 5 | Time | Optional. e.g. 00:00 |
| % Power | Num(3) | Optional. 0 to 100 |
| Switch Event 6 | Time | Optional. e.g. 00:00 |
| % Power | Num(3) | Optional. 0 to 100 |
| Switch Event 7 | Time | Optional. e.g. 00:00 |
| % Power | Num(3) | Optional. 0 to 100 |
| Switch Event 8 | Time | Optional. e.g. 00:00 |
| % Power | Num(3) | Optional. 0 to 100 |
| OFF Event | 5 characters | Mandatory. PECUS, NEVER or TIMER |

**Commented [ZH32]:** DIN-1002

**Example:**

See: https://www.elexon.co.uk/operations-settlement/unmetered-supplies/charge-codes-and-switch-regimes/

## ISD Entity ID  M14 - Master Settlement Timetable

| Settlement Date | Day Type ID | Settlement Code | LSS Run Date | CDCA Run Date | MDS Run Date | VAS Run Date | SAA Run Date | Notification Date | Payment Date |
|---|---|---|---|---|---|---|---|---|---|
|  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |

| Column Name | Data Type/Length | Other information |
|---|---|---|
| Settlement Date | Date | Mandatory. YYYY-MM-DD |
| Day Type ID | 2 characters | Mandatory. |
| Settlement Code | 2 characters | Mandatory. |
| LSS Run Date | Date | Optional. YYYY-MM-DD |
| CDCA Run Date | Date | Mandatory. YYYY-MM-DD |
| MDS Run Date | Date | Mandatory- YYYY-MM-DD |
| VAS Run Date | Date | Mandatory. YYYY-MM-DD |
| SAA Run Date | Date | Mandatory. YYYY-MM-DD |
| Notification Date | Date | Optional. YYYY-MM-DD |
| Payment Date | Date | Optional. YYYY-MM-DD |

**Example:**

| Settlement Date | Day Type ID | Settlement Code | LSS Run Date | CDCA Run Date | MDS Run Date | VAS Run Date | SAA Run Date | Notification Date | Payment Date |
|---|---|---|---|---|---|---|---|---|---|
| 2025-04-01 | WE | II | 2025-04-04 | 2025-04-04 | 2025-04-04 | 2025-04-08 | 2025-05-09 | 2025-04-10 | 2025-04-15 - |

# ISD Entity ID   M15 -        Consent Granularity

| Consent Granularity | Consent Granularity Description |
|---|---|
|  |  |
|  |  |
|  |  |

| Column Name | Data Type/Length | Other information |
|---|---|---|
| Consent Granularity | 1 characters | Mandatory |
| Consent Granularity Description | Up to 60 characters | Mandatory |

**Example:**

| Consent Granularity | Consent Granularity Description |
|---|---|
| H | Half-Hourly Consumption data can be collected |
| D | Daily Consumption or Register data can be collected |
| M | Monthly Consumption or Register data can be collected |
| N | No Consent |

**Commented [ZH34]:** DIN-980

# ISD Entity ID   M16 - Market Participant to DIP Participant Mapping

| Market Participant ID | Market Participant Role Code | DIP Participant ID | DIP Market Role | Effective From Date {MP2DPM} | Effective To Date {MP2DPM} |
|---|---|---|---|---|---|
| | | | | | |
| | | | | | |

| Column Name | Data Type/Length | Other information |
|---|---|---|
| Market Participant ID | 4 characters | Mandatory |
| Market Participant Role Code[1,3] | 1 character | Optional |
| DIP Participant ID | 10 characters | Mandatory |
| DIP Market Role | min 3 / Max 5 characters | Mandatory |
| Effective From Date {MM2DPM}[2] | Date | Mandatory |
| Effective To Date {MM2DPM}[2] | Date | Optional |

[1] The valid set of values is contained in the ISD table Market Role (ISD Entity ID  21)

[2] The Effective From and To Dates refer to this Market Participant to DIP Participant Mapping table.

[3] Allocation of a Market Participant Role Code may not always be possible, for example, as with MDRs where this value shall remain blank.

**Example**

| Market Participant ID | Market Participant Role Code | DIP Participant | DIP Market Role | Effective From Date {MP2DPM} | Effective To Date {MP2DPM} |
|---|---|---|---|---|---|
| BGAS | X | 0307871100 | SUP | 2023-04-01 | |
| ACCU | T | 0123456799 | MSA | 2023-04-01 | |
| ACCU | O | 0123456788 | ADS | 2023-04-01 | |
| ACCU | S | 0123456777 | MSS | 2023-04-01 | |
| ACCU | N | 0123456766 | SDS | 2023-04-01 | |
| SEEB | 3 | 0123456755 | UMSO | 2023-04-01 | |
| NEEB | Q | 0123456744 | UDS | 2023-04-01 | |
| YELG | R | 0123456733 | LDSO | 2023-04-01 | |
| SWAL | P | 1122334455 | REGS | 2023-04-01 | |
| MDR1 | <null> | 0123456722 | MDR | 2023-04-01 | |
| | | | | | |
| | | | | | |
| | | | | | |

Note:

MDS, LSS, EES, VAS, ISD & DIP are valid DIP Roles, utilised for message routing, but that may not be maintained in this table.

CSS, DCP, DCC, MAP, MRS, are valid DIP Roles, which are reserved for future use, which again may not be maintained in this table.

The full list of DIP Role Codes is maintained in ISD Entity "M18 - DIP Role Codes"
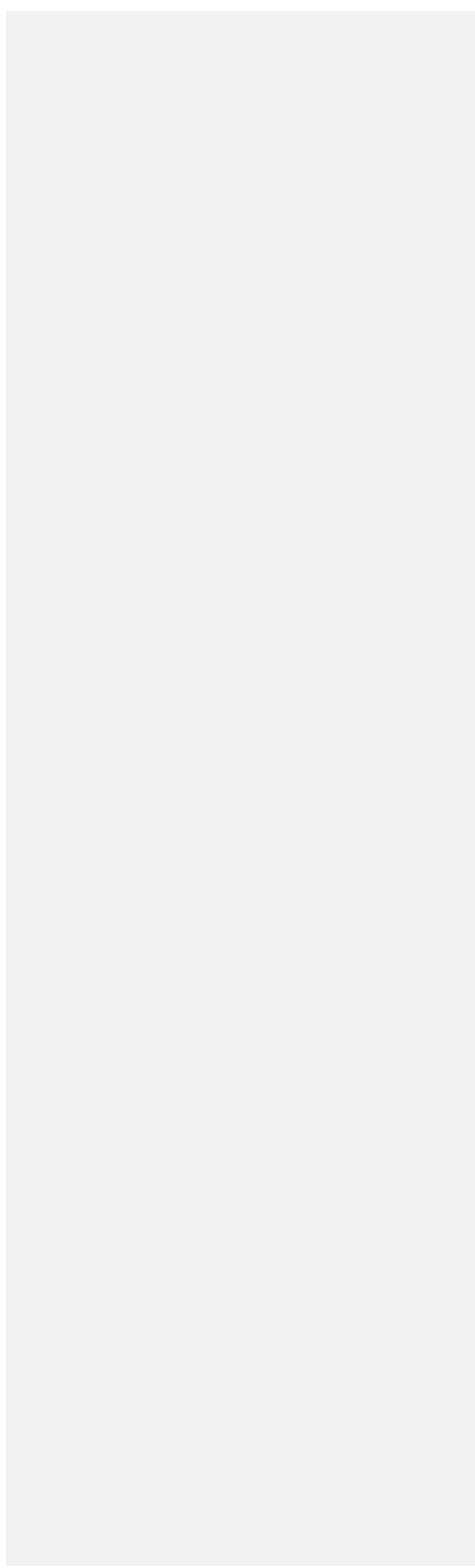
# ISD Entity ID  M17 - Valid /Consent Granularity Combinations

| Energy Direction | Domestic Premise Indicator | Market Segment Indicator | Meter Group | Consent Granularity |
|---|---|---|---|---|
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |

| Column Name | Data Type/Length | Other information |
|---|---|---|
| Energy Direction | 1 character | Mandatory, E or I |
| Domestic Premise Indicator | Boolean | Mandatory. Either T or F |
| Market Segment Indicator | 1 character | Mandatory. Either U, S or A |
| Meter Group | Up to 11 characters | Mandatory: Either Smart, Traditional, Advanced or Unmetered |
| Consent Granularity | 1 characters | Mandatory. Either H, M or D or N |

### Example

| Energy Direction | Domestic Premise Indicator | Market Segment Indicator | Meter Group | Consent Granularity |
|---|---|---|---|---|
| I | T | S | Smart | H |
| I | T | S | Smart | D |
| I | T | S | Smart | M |
| I | F | S | Smart | H |
| I | T | A | Advanced | H |
| I | T | A | Advanced | D |
| I | T | A | Advanced | M |
| I | F | A | Advanced | H |
| I | F | U | Unmetered | H |
|  |  |  |  |  |
| E | T | S | Smart | H |
| E | F | S | Smart | H |
| E | T | A | Advanced | H |
| E | F | A | Advanced | H |
| I | T | S | Traditional | N |
| E | T | S | Traditional | N |
| I | F | S | Traditional | N |
| E | F | S | Traditional | N |

# ISD Entity ID   M18 – DIP Market Roles

| DIP Market Role | DIP Role Description | Market Participant Role Code | Effective From Date {DIPRole} | Effective To Date {DIPRole} |
|---|---|---|---|---|
| | | | | |
| | | | | |

| Column Name | Data Type/Length | Other information |
|---|---|---|
| DIP Market Role | min 3 / max 5 characters | Mandatory |
| DIP Role Description | 100 characters | Mandatory |
| Market Participant Role Code | 1 character | (Optional) |
| Effective From Date {DIPROLE} | Date | Mandatory |
| Effective To Date {DIPROLE} | Date | Optional |

**Example**

| DIP Role | DIP Role Description | Market Participant Role Code | Effective From Date {DIPROLE} | Effective To Date {DIPROLE} |
|---|---|---|---|---|
| MSA | Metering Service Advanced | T | 2023-01-01 | |
| ADS | Advanced Data Service | O | 2023-01-01 | |
| MSS | Metering Service Smart | S | 2023-01-01 | |
| MRS | Meter Reading Service | N/A | 2023-01-01 | |
| SDS | Smart Data Service | N | 2023-01-01 | |
| MDR | Meter Data Retriever | N/A | 2023-01-01 | |
| UMSO | Unmetered Supplied Operator | 3 | 2023-01-01 | |
| UMSDS | Unmetered Data Service | Q | 2023-01-01 | |
| MDS | Marketwide Data Service | N/A | 2023-01-01 | |
| LSS | Load Shaping Service | N/A | 2023-01-01 | |
| ISD | Industry Standing Data | N/A | 2023-01-01 | |
| VAS | Volume Allocation Service | N/A | 2023-01-01 | |
| REGS | Registration Service | P | 2023-01-01 | |
| SUP | Supplier | X | 2023-01-01 | |
| MAP | Meter Asset Provider | 8 | 2023-01-01 | |
| LDSO | Licenced Distribution System Operation | R | 2023-01-01 | |
| EES | Electricity Enquiry Service | L | 2023-01-01 | |
| CSS | Central Switching Service | N/A | 2023-01-01 | |
| DCC | Data Communications Co. | N/A | 2023-01-01 | |
| DTS | Data Transfer Service | N/A | 2023-01-01 | |
| DIP | Data Integration Platform | N/A | 2023-01-01 | |
| DCP | DIP Connection Provider | N/A | 2023-01-01 | |
| SMSO | Smart Meter System Operator | 5 | 2023-01-01 | |

## ISD Entity ID    M19 – Settlement Period Quality Indicators

| Settlement Period Quality Indicator | Actual/Estimate |
|---|---|
|  |  |
|  |  |
|  |  |

| Column Name | Data Type/Length | Other information |
|---|---|---|
| Settlement Period Quality Indicator | 5 characters | Mandatory, |
| Actual/Estimate | 30 characters | Mandatory. Either Actual, Estimate or |

Estimate based on Actual Read

**Example**

| Settlement Period Quality Indicator | Actual/Estimate |
|---|---|
| A | Actual |
| A1 | Actual |
| A2 | Actual |
| A3 | Actual |
| E | Estimate |
| E1 | Estimate |
| E2 | Estimate based on Actual Read |
| E3 | Estimate based on Actual Read |
| E4 | Estimate |
| E5 | Estimate |
| E6 | Estimate based on Actual Read |

## ISD Entity ID M20 – SVA Line Loss Factors

| Market Participant ID | LLF ID | Settlement Date | Settlement Period | Value |
|---|---|---|---|---|
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |

| Column Name | Data Type/Length | Other information |
|---|---|---|
| Market Participant ID[1] | 4 characters | Mandatory |
| LLF ID[2] | Up to 3 characters | Mandatory |

Settlement Date                         Date                     Mandatory
Settlement Period³                      Up to 2 characters       Mandatory
Value                                   Num(4), 3 decimal places Mandatory

¹The valid set of values is contained in the ISD table Market Participant Role (ISD Entity ID 45) & SVA Market Participant Id should only allow Market Participant's with Role Code = 'R'

²The valid set of values is contained in the ISD table Line Loss Factor Identifier (ISD Entity ID M3)

³Should be in the range 1-50 (1-48 normally, 1-46 or 1-50 for clock change days)

**Example**

| Market Participant ID | LLF ID | Settlement Date | Settlement Period | Value |
|---|---|---|---|---|
| NEED | 111 | 2023-04-01 | 1 | 1.035 |
| NEED | 111 | 2023-04-01 | 2 | 1.055 |
| NEED | 111 | 2023-04-01 | 3 | 1.045 |
| NEED | 111 | 2023-04-01 | 4 | 1.025 |

Note: LLF details will be published in a different file format to all other entities by ISD.

# ISD Entity ID M21 – CVA Line Loss Factors

| Market Participant ID | MS ID | Settlement Date | Settlement Period | Value |
|---|---|---|---|---|
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |

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

Market Participant ID¹                   4 characters              Mandatory
MS ID                                    4 Num                     Mandatory
Settlement Date                          Date                      Mandatory
Settlement Period²                       Up to 2 characters        Mandatory
Value                                    Num(4), 3 decimal places  Mandatory

¹The valid set of values is contained in the ISD table Market Participant Role (ISD Entity ID 45) & SVA Market Participant Id should only allow Market Participant's with Role Code = 'R'

²Should be in the range 1-50 (1-48 normally, 1-46 or 1-50 for clock change days)

**Example**

| Market Participant ID | MS ID | Settlement Date | Settlement Period | Value |
|---|---|---|---|---|
| NEED | 1212 | 2023-04-01 | 1 | 1.035 |
| NEED | 1212 | 2023-04-01 | 2 | 1.055 |
| NEED | 1212 | 2023-04-01 | 3 | 1.045 |
| NEED | 1212 | 2023-04-01 | 4 | 1.025 |

Note: LLF details will be published in a different file format to all other entities by ISD.

MS ID refers to Metering System Identifier

## Change Record

| Date | Author | Version | Change Detail |
|------|--------|---------|---------------|
| 16/02/2023 | SI Design | V5.0 | Initial Version |
| 08/06/2023 | SI Design | V5.1 | DIN 292 |
| 03/07/2023 | SRO Design | V5.2 | DIN -372 (Addition of M18) & DIN-070 (Clarification & Updates to M16) DIN454 |
| 02/08/2023 | SI Design | V5.3 | DIN557 and DIN588 updates throughout document from Id to ID DIN-590 Update M18 so that 'UDS' shows as 'UMSDS' DIN-595 DIN-600 Corrected Row Headings in table M18 to Read "DIP ROLE" DIN633 DIN158 Valid Settlement Period Quality Indicator Set changed to Settlement Period Quality Indicator DIN409 MSID to MS Id in entity M8 DIN633 Mandatory to Optional DIN657 Addition of M19 DIN671 updates to ISD entities M3 and 23 |
| | SI Design | V5.4 | DIN678 changes to entities M9/M10/M14 and M16 DIN716 removal of text in Entity 23 DIN500 M17 example correction DIN730 increase to character limit DIN721 rule added to entity 45 |
| 17/01/2024 | SI Design | V5.5 | DIN-754 added M20 and M21 DIN-795 updated M9 |
| 05/03/2024 | SI Design | V5.5.1 | DIN-899 updated M15 and M17 |
| 22/03/2024 | SI Design | V5.6 | DIN-896 added to update the contents table |
| 11/06/2024 | SI Design | V5.7 | DIN-980, 1002 and 1033 |
| 13/08/2024 | SI Design | V5.8 | DIN-1063 and 1072 |

Commented [M(53]: DIN158