EMR Settlement

WP26 – Capacity Provider Metering Configuration

Public

EMRS Working Practice
Version 3.0
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Contents

Change Amendment Record

Version	Date	Description
1.0	16 May 2025	Go Live Version.
2.0	21 January 2026	Housekeeping
3.0	25 March 2026	Updates to include Metering Configuration Bulk Upload Template and requirements for address and postcode checks for Domestic DSR

1. Introduction

Many of the payments calculated by the Settlement System for (CfD, CM and Nuclear RAB) Suppliers, Contracts for Difference (CfD) Generators and Capacity Providers depend upon metered data. This data is read from meters by data collectors, validated, aggregated and sent to the Settlement System (by the Settlement Administration Agent (a BSC Agent) and other data providers).

CM Aggregation Rules means the formula used to calculate the relevant metered data volumes for any Settlement Period.

Additionally, Capacity Providers must have in place an 'Approved Metering Solution'. Further information on what this means is outlined in Section 1.3.

The purpose of this working practice is to provide an overview of how Metering Configurations are set up and maintained by EMR Settlement Ltd (EMRS) for Capacity Providers. For more details on the data providers of metered data for EMR or Nuclear RAB, please refer to WP195 - Capacity Market and CfD Metered Data. [1].

1.1 Main Users and Responsibilities

Role	Responsibilities
BSCCo	Provide BM Unit registration data for use in determining CfD, CM and Nuclear RAB Metering Configurations
Capacity Provider	Receive and validate Metering Configurations and where required submit information to create the Metering Configurations. Where necessary, to raise queries on Metering Configurations, or to notify that changes are or will be needed to the Metering Configurations
CMVR Registered Participants	Receive and validate Metering Configurations and where required submit information to create the Metering Configurations. Where necessary, to raise queries on Metering Configurations, or to notify that changes are or will be needed to the Metering Configurations
Delivery Body	Provide populated Capacity Provider Metering Information Form which has been completed by a Capacity Provider to EMRS. Report a change in the end date of a Capacity Market Agreement to EMRS
EMR Settlement Ltd (Settlement Agent)	Determine and maintain Metering Configurations. Receive and resolve queries related to Metering Configurations
Half Hourly Data Aggregator (HHDA)	Provide Half Hourly metered data via the Data Transfer Service (DTS) for use in Settlement of CfD, CM and Nuclear RAB
Management Services Provider (MSP)	Receive Metering Agent Metering Configuration from the MA and submit to EMRS
Metering Agent (MA)	Create the Metering Agent Metering Configuration and send to MSP

1.2 Set-up and maintenance of a Capacity Market Unit Metering Configurations

Metering Configurations are created for Capacity Providers and Capacity Market Volume Reallocation (CMVR) Registered Participants to allow Metered Volumes to be calculated per Capacity Market Unit (CMU), for use in the

Settlement System. The CM Aggregation Rule is based on CMU components which are made up of an Approved Metering Configuration Solution. Each CMU is made up of one or more CMU components, which can be made up of one or more Metered Entities. The output of the Metering Configuration will be used to determine whether a CMU has

[1] https://emrsettlement.co.uk/publications/working-practices/

met their Capacity Obligation. For Volume Reallocation participants it is used to calculate their performance during a Stress Event compared to a Capacity Obligation of 0MW.

Appendix 2 – Capacity Provider/CMVR Registered Participant CMU Metering Configurations provides details on how the Metering Configuration is developed.

1.3 What is an Approved Metering Configuration?

Before metered data from the Settlement Administration Agent and other data providers can be used to calculate payments, it must be further aggregated by the Settlement System. This process changes metered data for Metered Entities that is meaningful to the metered data providers (such as BM Units, Metering Systems and Meter Point Administration Numbers) into metered data for Suppliers, CfDs and CM Units in a way that complies with all appropriate legislation, regulation, rules and contract terms. The aggregation process is driven by 'Approved Metering Configurations' (the master copy of which is maintained by EMRS) and means either:

- a Metering Configuration Solution (including CM Aggregation Rules) approved by the CM Settlement Body which is an arrangement of Metering Equipment for:
  - a Generating Unit that is not a BM Unit,
  - a Demand Side Response (DSR) CMU Component that is not a BM Unit; or
  - a CMU that is a partial BM Unit; or
- a Metering Configuration Solution in respect of a Generating Unit or DSR CMU Component where the Metering Configuration Solution is comprised of a BM Unit that is registered in the Central Meter Registration Service in accordance with the BSC and CM Aggregation Rules are in place.

1.4 Introduction of Zonal Transmission Loss Multipliers

During the transit of electricity from Transmission-connected power stations and the distribution system, electricity is lost, with the loss known as 'Transmission Losses'. To measure the total amount of electricity flowing from transmission to distribution, metered volumes are scaled down using a Transmission Loss Multiplier (TLM). The TLM is made up of two parts; the Transmission Loss Factor (TLF) which can vary by Balancing Mechanism Units (BMUs) and the Transmission Losses Adjustment (TLMO). The TLF was previously set to zero for all BMUs however BSC Modification P350[2] introduced calculated, non-zero TLFs which vary between Geographical Supply Points (GSPs) and these will vary depending on the season. Due to this, the metered volumes of transmission-connected sites will be adjusted using the TLM for the region (GSP) for which it is situated.

The indicative data aligns the GSP Groups into Transmission Loss Zones:

Zone	GSP Group	Name
1	_A	Eastern
2	_B	East Midlands
3	_C	London
4	_D	Merseyside and North Wales
5	_E	Midlands
6	_F	Northern
7	_G	North Western
8	_H	Southern
9	_J	South Eastern
10	_K	South Wales
11	_L	South Western

[2] P350 – Introduction of a Seasonal Zonal Transmission Loss Scheme: https://www.elexon.co.uk/change/modifications/

Zone	GSP Group	Name
12	_M	Yorkshire
13	_N	South Scotland
14	_P	North Scotland

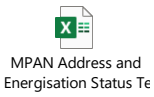
The Zonal Seasonal TLM is published on the Elexon Website[3].. Seasons are defined as:

Season	Dates
Spring	01 March to 31 May
Summer	01 June to 31 August
Autumn	01 September to 30 November
Winter	01 December to 28 February

2. First Come, First Served Address Checks (Domestic DSR)

Before approving Metering Configurations for Domestic DSR, EMRS must check for address and energisation accuracy against a third-party industry data source in bulk due to the large number of sites.

To support these checks, Capacity Providers will need to submit an MPAN Address and Energisation Status Template, provided below:



The file naming convention for this template should be as follows:

CMU Name[4]_MPAN Address and Energisation Status Template

An example of the required information and layout of this template once filled out can be seen below:

MPAN	Address Line	Postcode	Energisation Status
2200013109731	1806, Brunel Lane, Bristol	BS12 5ST	E
1200061979944	221C Baker Street, London	SW7 7AA	E
1800031355899	FLAT 4/2, 7, Portsmouth Road, Edinburgh	EH1 7HD	E

When performing comparison checks, EMRS will reject MPANs under the following conditions:

- De-energised or Terminated Status – Any site returning these statuses will be rejected.
- Address Mismatch – MPANs whose first 8 characters of the submitted address do not match the reference address will be rejected.
- Postcode Mismatch – MPANs whose submitted postcode does not match the reference postcode will be rejected.

Capacity Providers need to ensure addresses and postcodes provided are accurate and conform to the standard formatting before submission to avoid rejection.

[3] https://www.elexon.co.uk/settlement/transmission-losses/
[4] CMU Names are the 6-character reference used in the CAN agreement.

3. Metering Configuration Bulk Upload Template (Domestic DSR)

Once components have been uploaded to the NESO Portal, they should be available in My EMRS the following day. However, in some instances of large CMUs, it could take more than 24 hours.

Depending on your metering pathway, you will be required to provide specific information to complete and submit your configuration.

3.1 MPAN Pathway

If you have an energy supplier submitting D0357 dataflows, you will only need to provide the following:

- CMU ID
- Component ID
- Meter configuration
- Meter Share/Multiplier
- MPAN

3.2 Self-Submission (Meter Tested) Pathway

If you have completed a meter test, you will need to provide the following:

- CMU ID
- Component ID
- Meter Configuration
- BME ID
- LDSO ID ,if you are able to obtain it
- LLFC ID , if you are able to obtain it (On MHHS migrated MPANs this will appear as DUOS Tariff ID on ECOES)
- Meter Share/Multiplier
- Boundary MPAN

Below are screenshot examples of the MPAN and Self-Submission data fields completed as required.

MPAN

	A	B	C	D	E	F	G	H	I	J	K	L	M
1	CMU ID	Component ID	Meter configuration	BME ID	BMU ID	Interconnector ID	LDSO ID	LLFC ID	Meter Share/Multiplier	MPAN	MS ID	Boundary MPAN	Boundary BMUID (MSID)
2	HOUSE1	1	MPAN						1	2200013109731			

Self-submission

	A	B	C	D	E	F	G	H	I	J	K	L	M
1	CMU ID	Component ID	Meter configuration	BME ID	BMU ID	Interconnector ID	LDSO ID	LLFC ID	Meter Share/Multiplier	MPAN	MS ID	Boundary MPAN	Boundary BMUID (MSID)
2	EVCH4R	1	MSID (Non CMRS Distribution)	EVCHARGE1NET000000			LOND	1	1			1200061979944	

The BME ID is the unique reference ID for each one of your assets, these must match the CSV Metered Data files you will be submitting.

In all instances, the Meter Share/Multiplier should be 1 and the Line Loss Factor should never include leading zeroes. I.E an LLF of 094 becomes 94 and an LLF of 001 becomes 1.

You will only be able to click the **Submit** button on your CMU, if you have added configurations for every component that is listed.

If you believe the number of components showing on your CMU on My EMRS is incorrect, please contact us immediately via contact@emrsettlement.co.uk

4. Interface and timetable information

4.1 Query Metering Configuration

Ref	When	Action	From	To	Input Information Required	Method
4.1.1	Within 5WD of receipt of Metering Configurations	Where there is disagreement with new Metering Configuration or Metering Configuration change, raise query (must be queried by Data Contact[5])	Capacity Provider CMVR Registered Participant	EMRS	Details of Metering Configuration, stating the reason for the disagreement	Email
4.1.2	Within 10WD of 2.1.1	Resolve query	EMRS	Capacity Provider CMVR Registered Participant	Appendix 1 - Metering Configuration Format Reason for disagreement as provided in 2.1.1	Email
4.1.3	Within 5WD after 2.1.2	Provide the updated Metering Configuration for use in EMR and Nuclear RAB Settlement.	EMRS	Capacity Provider CMVR registered Participant	Appendix 1 - Metering Configuration Format	Email

[5] G4 - EMR Settlement Authorisations: https://emrsettlement.co.uk/publications/guidance/

4.2 Setup and maintenance of CMU EMR Metering Configurations

Ref	When	Action	From	To	Input Information Required	Method
4.2.1	Ad hoc	Submit Metering Configuration information on My EMRS[6] NOTE: There is an option to bulk upload metering configuration for multiple components on My EMRS. The bulk upload template can be downloaded from My EMRS. If the CMU component is not using settlement metering or not submitting data from a settlement meter through a settlement process, continue to 2.2.2; or If the Capacity Provider has a BMU ID continue to 2.2.3	Capacity Provider	EMRS	Meter Configuration information: • Meter configuration • BME ID • BMU ID • Interconnector ID • LDSO ID • LLFC ID • Meter Share/Multiplier • MPAN • MS ID • Boundary MPAN • Boundary BMUID (MSID)	My EMRS
4.2.2	Within 10WD of receiving information in 2.2.1	If the CMU is on a Private Network, check Distributor ID, MPAN, and LLFC ID of the Boundary Point Metering System have been submitted If any data items not submitted, request from Capacity Provider/CMVR Registered Participant Check that Boundary Point MPAN and LLFC ID details match ECOES: If not, query with Capacity Provider/CMVR Registered Participant Continue to 2.2.4	EMRS	Capacity Provider/ CMVR Registered Participant	As provided in 2.2.1 Request MPAN, LDSO or LLFC ID, as applicable Raise query on LLFC ID Boundary Point MPAN, if applicable	Manual My EMRS My EMRS

[6] We have produced a short training video on submitting Metering Configurations in My EMRS.

WP26 – Capacity Provider Metering Configuration

Ref	When	Action	From	To	Input Information Required	Method
4.2.3	Within 10WD of receiving information in 2.2.1	Check the BMU ID is correct and details match those on the Registered BM Units Spreadsheet on the ELEXON Portal If Multiplier is used, confirm with Capacity Provider/CMVR Registered Participant that is correct If any data items not submitted request from Capacity Provider/CMVR Registered Participant Continue to 2.2.4	EMRS	Capacity Provider/ CMVR Registered Participant	Elexon Registered BM Units Spreadsheet As provided in 2.2.1.	
4.2.4	Following 2.2.2 or 2.2.3 and within 10WD of receiving information in 2.2.1	Determine Metering Configuration for use in EMR Settlement For non-DSR CMU's, the effective from date will be the start date of the Delivery Year or, if post start date of the Delivery Year, the date on which the change took effect; or For DSR CMU's, the effective from date will be 6 weeks prior to the start date of the Delivery Year (20 August) or, if post start date of the Delivery Year, 6 weeks prior to the date on which the change took effect to take into account Baseline Demand.	EMRS		As provided in 2.2.1, 2.2.2 or 2.2.3 as applicable Appendix 2 – Capacity Provider/CMVR Registered Participant CMU Metering Configurations	My EMRS

WP26 – Capacity Provider Metering Configuration

Ref	When	Action	From	To	Input Information Required	Method
4.2.5	Following 2.2.4	Notify new or updated Metering Configuration for use in EMR Settlement	EMRS	Capacity Provider/ CMVR Registered Participant EMR Settlement System	Appendix 1 - Metering Configuration Format	My EMRS

5. Contact Information

For all EMR Metering Configuration queries please contact:

Contact Organisation	Contacts
Settlement Services Provider (EMR Settlement Ltd)	Telephone: 020 7380 4333 Email: contact@emrsettlement.co.uk

6. Acronyms and Definitions

A full list of acronyms and definitions included within this document can be found on the EMRS website[7].

[7] https://www.emrsettlement.co.uk/glossary/

7. Appendices

7.1 Appendix 1 - Metering Configuration Format

The Metering Configuration format for Capacity Provider CMUs is shown in the eight simple examples in 7.1.1.

Row 1 relates to a Metering Configuration for a CMU that has a single BM Unit.

Rows 2 and 3 relate to a Metering Configuration for a CMU that has a BMU ID for the Generating Unit and a second BMU ID for the generating station shared demand where that demand BMU is considered to be part of the Auxiliary Load for the Generating Unit. The BM Unit for the demand supply is apportioned to account for only the use by the generating unit that is part of the CMU (based on generating unit rated capacity).

Row 4 relates to a Metering Configuration for a CMU that has a single MPAN.

Rows 5 and 6 relate to a Metering Configuration for a CMU that has an Export and an Import MPAN for a single Metering System.

Rows 7, 8 and 9 relate to a Metering Configuration for a CMU that has three components making up the CMU. Each Component only has a single MPAN.

Row 10 relates to a Metering Configuration for a CMU operating on a Private Network that has a Metered Entity Identifier. This CMU requires the Line Loss Factor (LLF) to be applied from the Boundary Point Metering System for the relevant Licenced Distribution System Operator (LDSO).

Rows 11, 12 and 13 relate to a Metering Configuration for a CMU that has three components making up the CMU. Each Component only has a single Metered Entity Identifier. Each Component requires the LLF to be applied from the Boundary Point Metering System for the relevant LDSO.

Rows 14 and 15 relate to a Metering Configuration for a CMU that has two components making up the CMU. One Component is an MPAN (single) and the other has a Metered Entity Identifier. The Metered Entity Identifier Component requires the LLF to be applied from the Boundary Point Metering System for the relevant LDSO.

7.1.1 Example for a New EMR Metering Configuration – Capacity Provider/CMVR Registered Participant CMU

Row No.	Rule Type	CMU Id	Eff. From Date	Eff. To Date	Metered Entity Type	Metered Entity Id	Multiplier	TLM	Distributor ID	LLFC ID	Demand only	Apply DSF Fraction?	GSP Group ID
1	CMU_COMP	ABCD31	01/10/2024		BMU	T_ABCD-1	1.00					N	NULL
2	CMU_COMP	CMU012	01/10/2024		BMU	T_EFGH-1	1.00					N	NULL
3	CMU_COMP	CMU012	01/10/2024		BMU	T_EFGH-D	0.50					N	NULL
4	CMU_COMP	CMUTEST	01/10/2024		MPAN	1900012345678	1.00					N	NULL
5	CMU_COMP	WA1BCD	01/10/2024		MPAN	1400012345678	1.00					N	NULL
6	CMU_COMP	WA1BCD	01/10/2024		MPAN	1400087654321	-1.00					N	NULL
7	CMU_COMP	CMUNRG	01/10/2024		MPAN	2000012345678	1.00					N	NULL
8	CMU_COMP	CMUNRG	01/10/2024		MPAN	1800012345678	1.00					N	NULL
9	CMU_COMP	CMUNRG	01/10/2024		MPAN	1700012345678	1.00					N	NULL
10	CMU_COMP	CMUXYZ	01/10/2024		MSID_NON_BSC	WXYZNET001	1.00		LOND	123		N	NULL
11	CMU_COMP	CMUBET	01/10/2024		MSID_NON_BSC	CMUYUNIT1NET	1.00		MIDE	222		N	NULL

WP26 – Capacity Provider Metering Configuration

Row No.	Rule Type	CMU Id	Eff. From Date	Eff. To Date	Metered Entity Type	Metered Entity Id	Multiplier	TLM	Distributor ID	LLFC ID	Demand only	Apply DSF Fraction?	GSP Group ID
12	CMU_COMP	CMUBET	01/10/2024		MSID_NON_BSC	CMUYUNIT2NET	1.00		MIDE	129		N	NULL
13	CMU_COMP	CMUBET	01/10/2024		MSID_NON_BSC	CMUYUNIT3NET	1.00		MANW	513		N	NULL
14	CMU_COMP	CMU789	01/10/2024		MPAN	1600012345678	1.00					N	NULL
15	CMU_COMP	CMU789	01/10/2024		MSID_NON_BSC	CMUZUNIT2NET	1.00		MIDE	803		N	NULL

7.2 Appendix 2 – Capacity Provider/CMVR Registered Participant CMU Metering Configurations

EMRS will create a Metering Configuration using information provided by the Capacity Provider on My EMRS.

Metering Configurations must include all relevant identifiers for the Metering System; the examples below are to illustrate to Capacity Providers or CMVR Registered Participants what is required for Metering Systems using BSC processes (e.g. BM Units and MPANs) and those using the Balancing Services or Bespoke Metering Configuration Solution.

Metering Configurations must include all Components making up the CMU.

The convention for the rule output is that net export will return a positive value and net import will return a negative value.

Required Information

7.2.1 Metering Configuration for BMUs

In the example below there is one generator circuit and a station transformer demand circuit (only included if used as part of the generating process) each with a Metering System that are making up the CMU for one CMU ID.

CMU ID 1 = (T_WXYZ-1) + (T_WXYZ-D).

Where the BM Unit ID is T_WXYZ-1 for the generating unit; T_WXYZ-D for the Station Transformer (demand BMUs have a negative value for Active Import).

Where there are multiple generating units, making up that generating station, sharing a common Station Transformer Supply a multiplier will be applied to the demand BMU. The description of the CMU in the Capacity Market Register should be checked for the method that has been used. If it is not stated or unclear from the Capacity Market Register the Capacity Provider or CMVR Registered Participant will be required to clarify.

In the example below there are two generating units making up the station and both are involved in the Capacity Market. Each generating unit is a separate CMU. The station transformer demand circuit is shared between each CMU. The generating units have the same rated capacity and are using the same technology type so are equally sharing the demand.

CMU ID 1 = (T_WXYZ-1) + 0.5(T_WXYZ-D).

CMU ID 2 = (T_WXYZ-1) + 0.5(T_WXYZ-D).

7.2.2 Metering Configuration for MPANs.

In the example below there is one generator circuit making up the CMU.

CMU ID 1 = (1400012345678) - (1400087654321).

Where the MPAN 1400012345678 is for Active Export and MPAN 1400087654321 is for Active Import.

For any CMU that is only registered for one energy flow the Metering Configuration would be:

CMU ID 1 = (14000012345678); for Active Export only.

CMU ID 1 = -1.00 x (1400087654321); for Active Import only.

For an aggregating CMU, the MPAN for each Component has to be included in the Metering Configuration. In the example below there are three Export MPANs for three separate components.

CMU ID 1 = 2000012345678 + 1800012345678 + 1700012345678.

An aggregating CMU can be made up of MPANs and Metered Entity Identifiers. See section 7.2.3 on Metering Configurations for Metered Entity Identifiers.

No TLM is applied in the Capacity Market.

7.2.3 Metering Configuration for Non- BSC Metered Entity Identifiers

For any CMU using the Balancing Services or Bespoke Metering Configuration Solutions the Metered Entity Identifier agreed with EMRS is required. The Metered Entity Identifier is an 18-character alphanumeric identifier.

In the example below there is one metered point making up the CMU. The net Active Energy is submitted by the Capacity Provider.

CMU ID 1 = WXYZNET001

Where the Metered Identity Identifier is made up of the metering device identifier, in this case a unique reference identifying the Metering Device (WXYZ); and the format of the energy (e.g. NET). Where the NET value is +ve for export and –ve for import.

In the example below there is one metered point making up the CMU. The Active Export and the Active Import are submitted separately by the Capacity Provider.

CMU ID 1 = (WXYZAE001) + (WXYZAI001);

Where the Metered Identity Identifier is made up of the metering device identifier, in this case a unique reference identifying the Metering Device (WXYZ); the format of the energy is AE (submitted as a +ve value) for the Active Export in the first part of the Metering Configuration and is AI (submitted as a –ve value) for the Active Import in the second part of the Metering Configuration.

For an aggregating CMU, the Metered Entity Identifier for each Component has to be included in the Metering Configuration. In the example below there are three Export Metered Entity Identifiers for three separate components.

CMU ID 1 = CMUYUNIT1NET + CMUYUNIT2NET + CMUYUNIT3NET

Where the Metered Identity Identifier is made up of the metering device identifier, in this case a unique reference identifying the Metering Device (e.g. CMUYUNIT1); the format of the energy (e.g. NET). Where the NET value is +ve for export and –ve for import.

An aggregating CMU can be made up of MPANs and Metered Entity Identifiers. See section 7.2.2 on Metering Configurations for MPANs.

If Boundary Point Distribution connected the Capacity Provider/CMVR Registered Participant will have to provide the Local Distribution System Operator (LDSO), MPAN, voltage level (kV) and Line Loss Factor Class (LLFC) ID for the Boundary Point Metering System.

The first two digits (Distributor Short Code) of the Boundary Point MPAN will identify the correct Distributor ID (four-character code) to apply to the Metering Configuration. If the first two digits of the MPAN are not in the table below check the Elexon portal for any new LDSO[8]:

Distributor Short Code	Distributor ID	LDSO
10	EELC	Eastern Power Networks
11	EMEB	Western Power Distribution East Midlands
12	LOND	London Power Networks
13	MANW	SP Manweb Plc
14	MIDE	Western Power Distribution West Midlands
15	NEEB	Northern Powergrid (Northeast) Ltd
16	NORW	Electricity North West Ltd
17	HYDE	Scottish-Hydro-Electric Power Distribution Ltd
18	SPOW	SP Distribution Ltd
19	SEEB	South Eastern Power Networks
20	SOUT	Southern Electric Power Distribution Ltd

[8] Check Elexon Portal that no new LDSOs have been added: https://www.elexonportal.co.uk

Distributor Short Code	Distributor ID	LDSO
21	SWAE	Western Power Distribution (South Wales) Ltd
22	SWEB	Western Power Distribution (South West) Ltd
23	YELG	Northern Powergrid (Yorkshire) plc
24	IPNL	Independent Power Networks Ltd
25	LENG	ESP Energy Ltd
26	GUCL	Energetics Electricity Ltd
27	ETCL	The Electricity Network Company Ltd
28	EDFI	EDF Energy (IDNO) Ltd
29	HARL	Harlaxton
30	PENL	Peel Electricity Network Ltd

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The LLFC ID will be associated with the relevant Distributor ID and applied to the Metering Configuration. As an additional check, the LLFC ID can be validated by checking the LDSO website Use of System charges section; in the Charging Statement.

The schedule of LLFs can be checked to confirm that the LLFC ID is associated with a Metered Voltage that matches the voltage level (kV) of the Boundary Point Metering System.

No TLM is applied in the Capacity Market.

7.2.4 Metering Configuration for MPANs and Non BSC Metered Entity Identifiers

For an aggregating CMU, the MPAN and Metered Entity Identifier for each Component must be included in the Metering Configuration. In the example below there are two components: one Export MPAN and one Export Metered Entity Identifiers for two separate components.

CMU ID 1 = 1600012345678 + CMUZUNIT2NET

Where the MPAN 1600012345678 is for Active Export; the Metered Identity Identifier is made up of the metering device identifier, in this case a unique reference identifying the Metering Device (e.g. CMUZUNIT2); the format of the energy (e.g. NET). Where the NET value is +ve for export and –ve for import.

The applicable LLF (if Boundary Point Distribution connected) will be applied as per the description section 7.2.3.

No TLM is applied in the Capacity Market.

Appendix 1: Key Meter Technical Details Form

KEY METER TECHNICAL DETAILS FORM

CMU Details

CMU ID:..... **CMU Component ID:**.....

Generator or DSR:.....

CMU Site Address:..... **Site Contact: Name**.....

..... **Tel No.**.....

.....

Site Access Information:.....

.....

.....

Circuit Configuration:.....

Instrument Transformers

Current Transformer: **Ratio**..... **Accuracy Class**.....

Rated Burden.....VA

Serial Numbers: **L1**..... **L2**..... **L3**.....

Voltage Transformer: **Ratio**..... **Accuracy Class**.....

Rated Burden.....VA

Serial Numbers: **L1**..... **L2**..... **L3**.....

Meter Details

Meter Serial Numbers: **Main Meter**..... **Outstation PIN:**.....

Check Meter..... **Outstation PIN:**.....

Password: **Level 1:**..... **Level 2:**.....

Communications: **Method:**..... **Baud Rate:**.....

Comms No.:.....

Time Synchronisation to UTC:

Manual via HHU/By Radio Clock/Automated via Data Collector*

***Delete as appropriate**

Meter Technical Details

Channel Number	Measurement Quantity ID	Meter Register ID	Meter Register Multiplier	Pulse Multiplier

Print Name.....

Signed.....

Date.....