

Proposed Naming Convention for Additional BM Units Registered for EMR

What is the purpose of this document?

This document explains the proposed naming convention to be used for Additional BM Units registered for EMR. We seek your comments on the proposed naming convention and its likely impact and implementation timescales. The use of Additional BM units for EMR is subject to the DECC consultation on the necessary BSC changes and is not subject to comment here.

What data do we need for EMR Settlement?

The EMR Settlement Services Provider (EMRSSP) needs metered data for CfD generators, Capacity Providers, and Licensed Suppliers in order to carry out its EMR Settlement functions.

How will the EMRSSP get this data?

It is proposed (subject to the outcome of the recent DECC consultation on the necessary BSC changes) that all metered data for Licensed Suppliers will be provided by BSCCo. Where CfD generators have Metering Systems registered under the BSC, BSCCo will provide the metered data needed for EMR Settlement to the EMRSSP. This is also the case for Capacity Providers, unless where applicable, they opt to use a different metering option. Some CfD generators and Capacity Providers will not use BSC meters. For these types of participants BSCCo will not submit the metered data to the EMRSSP.

Why are BM Units being used for EMR?

Metered data submitted by BSCCo to the EMRSSP will be provided using BM Units. BSC central systems, specifically the Settlement Administration Agent, will provide BM Unit metered volumes to EMRSSP.

The use of Additional BM Units (subject to the outcome of the recent DECC consultation on the necessary BSC changes) is compulsory for SVA-registered CfD generators and optional for SVA-registered Capacity Providers.

BM Units for CfD Generators

CfD generators are generators who sign a CfD with the Government owned company called the Counterparty. Any CfD generator using BSC registered Metering Systems must ensure its CfD metered volumes are captured in accordance with its CfD using one or more BM Units. These BM Units may contain Metering Systems registered in Central Meter Registration Service (CMRS) or Supplier Meter Registration Service (SMRS). Action will need to be taken by the CfD generator to ensure the Registrant of the Metering System(s) correctly registers and configures the BM Units. The proposed BSC changes oblige Lead Parties to meet this obligation ([see K3.1.8](#) in the draft BSC changes).

BM Units for Capacity Providers

Capacity Providers can be generators or participants willing to reduce Demand that have won a capacity obligation from the Capacity Market auction. Any Capacity Provider using Metering Systems registered in CMRS must ensure its CM metered volumes are captured in accordance with its Capacity Agreement using one or more BM Units.



Attachment 1 – EMRC2

Where Capacity Providers have Metering Systems registered in SMRS, they may elect to use Additional BM Units (A.BMUs) as a means to provide its metered volumes to the CM Settlement Service Provider. Alternatively the Capacity Provider may use another metering option, such as the Half Hourly Data Aggregator (HHDA) metering option, and avoid the need to register A.BMUs. Where the Capacity Provider elects to use A.BMUs, action will need to be taken by the Capacity Provider to ensure the Registrant of the Metering Systems correctly registers and configures the BM Units ([see K3.1.8](#) in the draft BSC changes).

Why do we need a naming convention for Additional BM Units?

Using a new A.BMU naming convention will maintain a relationship between A.BMUs and a CfD or Capacity Agreement. This relationship should last for the lifetime of the CfD or Capacity Agreement. This is most relevant when registering a set of A.BMUs for the lifetime of a CfD. In order to ensure A.BMUs remain available for the lifetime of the CfD or Capacity Agreement it is important to know which A.BMUs have been registered for which CfD or Capacity Agreement. By including the CfD or Capacity Agreement unique ID in the BMU name field this can be achieved and is visible for all relevant participants. The naming convention also helps exclude the A.BMUs from BSC Parties BSC charges (Section D charging).

It is expected that Suppliers will not need to register or deregister A.BMUs for EMR, unless they wish to. It is expected that BSCCo, rather than Suppliers, will register A.BMUs for EMR. BSCCo will manage the registration of A.BMUs for EMR in the Central Registration System and Market Domain Data, including the proposed naming convention.

Suppliers will be required to manage the allocation of relevant MPANs to the relevant A.BMUs if they become the registrant for a CfD generator or Capacity provider.

The naming convention is most relevant for the sets of A.BMUs created based on the list maintained by BSCCo. When you create a set, of say 10 A.BMUs for a CfD, it's important those ten are available to use the next time the CfD generator changes offtaker/Supplier. Without a way of associating A.BMUs to the CfD or Capacity Agreement the process becomes much harder to manage.

If however, Supplier's know that A.BMU ID's ending in 001 relate to the CfD with the unique ID of 'CfD1234¹', and A.BMUs ending in 002, relate to the Capacity Agreement with the unique ID of 'CM1234', it becomes much easier to understand and manage the A.BMUs.

It also avoids any confusion over the same A.BMU being used for different CfDs or Capacity Agreements at different times e.g. an A.BMU with an ID of 'C_ASUPP001' used for a Capacity Agreement from October 2018 to September 2017, and then for a CfD from October 2018.

No such naming convention is needed for CVA BM Units as the BM Unit is related directly to the generating unit and consequently the CfD or Capacity Agreement.

What is the naming convention?

New Additional BM Unit ID Schema for EMR: C__ASUPP001

Schema Element	Schema Element Description
C_	Supplier BM Unit for EMR
_A	GSP Group '_A'
SUPP	4 Character Supplier ID
001	Used to identify the CfD or Capacity Agreement

¹ CfD/CM IDs have not been defined yet, this is for explanatory purposes only.



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	The number increments as more CfD/ Capacity Agreements are registered Relationship created between this number and the CfD / Capacity Agreement ID from the Settlement Service Provider system
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New Additional BM Unit Name Convention for EMR: BMU ID & EMR Id	
BMU Name	BMU Name Description
C__ASUPP001 – CM1234	The CfD / Capacity Agreement ID (no convention set yet) used in the EMR Settlement Service Provider system will be stored in the A.BMU name field. This will be provided by the EMR Settlement Service Provider.

An Example:

Date	Event	Detail
December 2014	CfD Allocated	A small wind farm in GSP Group _N is allocated a CfD. It will have Metering Systems registered in SMRS and will therefore require an A.BMU for CfD Settlement.
March 2015	Expected start date changed and Settlement Service Provider notified.	The CfD generator originally expected to finish building the wind farm and start generating around May 2015, with CfD payments starting shortly afterwards. However, as the project developed it encountered some delays and now expects its CfD payments to start in July 2015. The new expected start date is notified to the Counterparty (and the Settlement Service Provider)
March 2015	Settlement Service Provider instructs BSCCo to register A.BMUs	The Settlement Service Provider instructs BSCCo to register A.BMUs in GSP Group _N for this CfD generator. The Settlement Service Provider notifies BSCCo of the effective from date (EFD) for the A.BMUs (1 June 2015) and provides the unique CfD Id held for that CfD generator, say 'CfD1234'. The EFD is chosen to start before the generators CfD payment start date to ensure sufficient time to resolve any issues.
March 2015	BSCCo starts the A.BMU registration process	BSCCo initiates the CRA and MDD registration processes, registering A.BMUs for each Supplier on the list for GSP Group _N. On this occasion there are nine Suppliers on the list and so nine A.BMUs are registered.
April 2015	CfD generator signs a PPA with a Supplier	The CfD generator signs a PPA with a Supplier effective from April 2015. The Supplier registers the relevant MPANs, which for the time being are assigned to the Suppliers Base BM Unit as the A.BMUs are not yet registered.
14 May 2015	MDD Go-live date	The nine A.BMUs go live in MDD with effective from dates of 1 June 2015.
15 June 2015	A.BMUs become effective in MDD and CRS	The nine A.BMUs are registered by the CRA in the CRS with an EFD of 1 June.
15 June 2015	Supplier allocates relevant MPANs to its	The Supplier is one of the nine A.BMUs registered and can therefore assign the relevant MPANs from its Base BM Unit to the A.BMU for the CfD



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	A.BMU	generators CfD start date.
20 July	CfD Payment start date	The CfD generators CfD payments start.

The following set of A.BMUs are registered for this CfD:

BMU Id	BMU Name
C__NAAAA001	C__NAAAA001 - CFD1234
C__NBBBB001	C__NBBBB001 - CFD1234
C__NCCCC001	C__NCCCC001 - CFD1234
C__NDDDD001	C__NDDDD001- CFD1234
C__NEEEE001	C__NEEEE001 - CFD1234
C__NFFFA001	C__NFFFA001 - CFD1234
C__NGGGG001	C__NGGGG001 - CFD1234
C__NHHHH001	C__NHHHH001 - CFD1234
C__NIIII001	C__NIIII001 - CFD1234

The next time an A.BMU is registered for EMR the BMU Id will end with '002'.

Who will the naming convention impact?

- BSC Parties (and others) who receive the SAA-I014 settlement report need to be aware that it may contain data for EMR-related Additional BM Units, whose BM Unit Id will follow the new naming convention
- Suppliers and HHDA's receiving BM Unit-related DTC flows (i.e. D0294, D0295, D0296, D0297, D0298 and D0299)
- Suppliers should be aware that (subject to the outcome of DECC's recent consultation) the £100/month charge will be waived for these Additional BM Units
- Suppliers need to be aware that (subject to the outcome of DECC's recent consultation) registration of these Additional BM Units can be initiated by BSCCo i.e. Suppliers may find themselves the Lead Party of an Additional BM Unit that complies with the new naming convention, without having registered it themselves

Where can I find more information?

Please email emr@elexon.co.uk for more information or if you have any questions. You may also find DECC's policy paper on [CfD embedded generators](#) helpful.