

4.12 BSCP15/4.13 Application for Non-Standard BM Unit

To: BSCCo	Date Sent: 19 th April 2018
From: Participant Details	
Party ID: USKMOUTH	

Confidentiality

This form, associated diagrams and BSC Panel documents will routinely be made available in the public domain unless the applicant informs BSCCo otherwise at the time of application

Request for Confidentiality YES

If 'YES', what is confidential?

Confidential ² ?	Yes/No (if only part then indicate which part)
Application form	Yes
Diagrams	Yes
BSC Panel Documents	Yes

Justification for requesting confidentiality:

The information contained within the application form and diagram is considered to be commercially sensitive and is information, which if disclosed, could prejudice our business, trading, supplier interests and relationships.

Furthermore, these documents also contain personal and identifiable information in the form of names, passwords and phone numbers.

¹If the BSCP38 Authorisations process has not been completed, this form can be signed by a registered company director and accompanied by a letter on company stationery signed by the same registered company director.

²BSCCo will publish all Panel determinations, though for confidential papers the details will be anonymised. BSCCo is required to keep a list of all Non-Standard BM Unit determinations which must be made available to any Party upon request.

Site Details

BM Unit Id(s) (if known)	T_SIMEC1
BM Unit Name(s) (Max 30 Characters)	SIMEC BIOFUEL U1
National Grid BM Unit Id(s)	SIMEC-1

Application:

Why are you applying for a Non-Standard BM Unit (please tick)	
The Plant and Apparatus does not fall into one of the standard categories in K3.1.4	X
The Plant and Apparatus does fall into one of the standard categories in K3.1.4 but a different configuration satisfies the requirements for BM Units in K3.1.2	N/A
The Plant and Apparatus Exports or Imports are at a CVA Boundary Point at which there are other Exports or Imports for which another person is responsible (the Plant and Apparatus may or may not be of a Standard BM Unit configuration)	N/A
Description of Non-Standard BM Unit configuration	
Simec Power has built an 18MW biofuel power station on the site of the decommissioned Uskmouth power station in order to provide balancing, ancillary and other commercial services. The site is located at West Nash Road, Nash, Newport NP18 2BZ, with the scheme consisting of fourteen biofuel containers connected together and designed to function as a single Balancing Mechanism Unit (BMU), rather than as separate units.	
List of electrical single line diagrams attached and description of Plant and Apparatus covered by each diagram.	
<ul style="list-style-type: none"> Transformer and Banking Schematic – “132kV Banking Compound Layout” Single Line Diagram – “Single Line Diagram As Built/102-04-07” 	

Rationale

With reference to the Balancing and Settlement Code (BSC) Section K3.1, Simec Power and the Lead Party registrant Uskmouth Power (USKMOUTH) understand that such our site is not a standard BMU configuration and that there is a requirement under the BSC to seek approval from the Imbalance Settlement Group for such a configuration.

The crux of the consideration is that, in theory, each generator can be controlled individually and thus could be considered the ‘*smallest aggregation of plant that can be controlled independently*’ under BSC section K 3.1.2(b).

However, in practice, there is a single control system that regulates the output of all the generators simultaneously to achieve the required output at the single metered point of connection. Hence, it is the aggregated volume that will be metered, rather than the output of individual generators. As a result, Simec Power believe that registering the site as a single BMU is the smallest combination of Plant and Apparatus under K 3.1.2(b).

Furthermore, we believe that it is reasonable and practical to consider the entire site as single BMU since the alternative has several disadvantages:

1. The site is designed to be despatched as a single unit when operating under National Grid's control in the Balancing Mechanism. Fourteen separate BMUs would need to be despatched by the control room in order to bring the site to full load. At a minimum this would be inconvenient, but there would also be costs incurred with inefficient dispatch and operational control.
2. Registration of each generator as a separate BMU would require installation of multiple sets of settlement meters and associated costs.
3. The costs associated with maintaining MSID metering and CVA BMUs would be significantly higher than otherwise necessary for a single BMY with no identifiable benefit.
4. Fourteen BMUs instead of one has cost and convenience implications for our settlement, risk management and trading systems. Furthermore, there would also be additional unnecessary costs for National Grid's EDL and EDT systems.