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## Extension to Non-Standard BM Unit Application for West Burton B Battery Modules

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### ISG

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Date of meeting	<b>7 December 2021</b>
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Owner/author	<b>Katie Wilkinson</b>
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Purpose of paper	<b>Decision</b>
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Classification	<b>Public</b>
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Summary	<b>At the ISG meeting on 26 September 2017, EDF Energy (West Burton Power) Ltd applied for two non-standard BM Units for two battery modules associated with West Burton B Power Station battery storage project. The ISG approved two non-standard BM Units, one for each of the West Burton B battery modules on a temporary basis, expiring 31 December 2021. EDF Energy (West Burton Power) Ltd are making an application to extend the current non-standard BM Unit arrangement until 08 February 2022.</b>
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### 1. Background

- 1.1 Two non-standard BM Units were agreed by the ISG for West Burton B Battery in September 2017 (Paper ISG198/02, Attachment E). The ISG agreed these on a time limited basis aligning the end date with the proposed end date of the balancing services contract that West Burton B were due to sign with the National Grid Electricity System Operator (NGESO). When the ISG agreed the non-standard BM Unit configuration, the contract was due to end on 31 December 2021 and so the Non-Standard BM Unit configuration was agreed with an effective to date of 31 December 2021.

### 2. Non-Standard BM Unit application

- 2.1 The four-year Balancing Services Contract associated with the existing non-standard BM Unit configurations for West Burton battery commenced 38 days later than expected and so the actual end date for the contract is 8 February 22. EDF Energy (West Burton Power) Ltd have therefore applied to extend the existing non-standard BM Unit configuration until 8 February 2021.
- 2.2 The details of the non-standard BM Unit application have not changed from the original application submitted to the ISG in Paper ISG198/02 (Attachment E). Please refer to Paper ISG198/02.
- 2.3 EDF Energy (West Burton Power) Ltd have confirmed that from 9 February 2022, there will not be a requirement for a non-standard BM Unit at the site as the BM Units will be reconfigured to a standard configuration.

### 3. The NETSO comments

- 3.1 We circulated the Non-Standard BMU application to the NETSO for comments on 23 November 2021. We did not receive any comments by the due date of 29 November 2021. We will provide a verbal update at the meeting if we receive any comments by the date of the meeting.

#### **4. Elexon comments**

- 4.1 Elexon recommend that ISG agree that this non-standard BM Unit configuration is extended until 8 February 2022 as the ISG agreed to it in 2017 for the lifetime of the Balancing Services Contract. The Balancing Services contract associated with the non-standard BM Unit configuration ends on 8 February 2022.

#### **5. Recommendation**

- 5.1 We invite the ISG to:
- **APPROVE the extension to the two non-standard BM Units for West Burton B Battery until 8 February 2022.**

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#### **Appendices**

Appendix 1 – Primary BM Unit Configurations

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#### **Attachments**

Attachment A – BSCP15/4.13 Application for Extension to Non-Standard Primary BM Units for West Burton B Battery

Attachment B (CONFIDENTIAL) – Original West Burton B battery non-standard BM Unit application Letter

Attachment C (CONFIDENTIAL) – West Burton B battery single line diagram

Attachment D (CONFIDENTIAL) – West Burton B battery single line diagram v2

Attachment E – Paper ISG198/02

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#### **For more information, please contact:**

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## Appendix 1 – Primary BM Unit Configurations

The BSC states that a BM Unit shall comprise Plant and/or Apparatus for whose Exports and / or Imports a Party is responsible (Section K3.1.1).

A BM Unit must satisfy the following conditions (K3.1.2):

- responsibility for the BM Unit would lie with one Party;
- it would be capable of independent control;
- it would be visible to the Settlement Administration Agent (SAA) as a metered quantity separately from anything that is not included in the BM Unit;
- the BM Unit does not comprise of CVA and SVA Metering Systems that measure the same Imports or Exports, except where the SVA connection is for backup purposes and less than or equal to 415V; and
- for Plant and Apparatus greater than the size of a Small Power Station<sup>1</sup> it would be the smallest aggregation of Plant and Apparatus that satisfies the first three bullet points above. Smaller Plant and Aggregation can be aggregated up to the size of a Small Power Station.

The BSC also sets out a number of standard configurations of BM Units (Section K3.1.4), including:

- Combined Cycle Gas Turbine (CCGT) Module;
- Power Park Module (PPM);
- Power Station Transformers (Station Transformers);
- Directly Connected Demand at a single Boundary Point;
- Combined Offshore BM Unit (COBMU)<sup>2</sup>;
- Directly connected demand at more than one Boundary Point provided that the total Imports are less than 50MW in England and Wales, 30MW in South Scotland and 10MW in North Scotland;
- Supplier (Base or Additional) Primary BM Unit;
- Interconnector Primary BM Unit;
- Any BM Units that were determined as part of the transitional arrangements for the implementation of the British Electricity Trading and Transmission Arrangements (BETTA);
- An Offshore PPM or COBMU<sup>2</sup> and its associated Low Voltage Assets;
- Combination of Generating Units connected to the Total System provided that the total Exports are less than 50MW in England and Wales, 30MW in South Scotland and 10MW in North Scotland;
- Electricity Storage Module provided that the total Exports are less than 50MW in England and Wales, 30MW in South Scotland and 10MW in North Scotland; and
- Hybrid Plant – PPM or combination of Generating Units plus Storage Module provided that the total Exports are less than 50MW in England and Wales, 30MW in South Scotland and 10MW in North Scotland.

The BSC states that a Registrant and/or Central Data Collection Agent (CDCA) / Central Registration Agent (CRA) can apply to the Panel for a Non-Standard BM Unit configuration in the following circumstances (K3.1.5):

- the Plant / Apparatus does not fall into a category listed in section K3.1.4 or the CDCA / CRA considers that there is reasonable doubt that this is the case;
- the Plant / Apparatus does fall into a category listed in K3.1.4 but the responsible Party considers that a different configuration would satisfy the requirements set out in K3.1.2; or
- there is more than one set of Exports / Imports at a CVA Boundary Point and more than one Party is responsible for these.

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<sup>1</sup> Small Power Station is defined in the Grid Code as less than 50MW in England and Wales, less than 30MW in South Scotland and less than 10MW in North Scotland.

<sup>2</sup> The NETSO must agree that two or more Power Park Modules can be combined into a COBMU.