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| **Form A3-2: Installation Document for Integrated Micro Generation and Storage** Please complete and provide this document for each **Integrated Micro Generation and Storage** installation**.**Part 1 should be completed for the **Integrated Micro Generation and Storage** installation.Part 2 should be completed for each of the **Power Generating Modules** (ie for the **Electricity Storage** **Inverters** and non-**Electricity Storage** **Power Generating Module** **Inverters**) being commissioned. Where the installation is phased the form should be completed as each part of the installation is completed in accordance with EREC G99 paragraph 15.3.3 |
| **Form A3-2 Part 1** |
| To ABC electricity distribution **DNO**99 West St, Imaginary Town, ZZ99 9AA abced@wxyz.com |
| **Generator Details:** |
| **Generator** (name) |  |
| Address |  |
| Post Code |  |
| Contact person (if different from **Generator**) |  |
| Telephone number |  |
| E-mail address |  |
| MPAN(s) |  |
| **Generator** signature |  |
| **Installer Details:** |
| **Installer** |  |
| Accreditation / Qualification |  |
| Address  |  |
| Post Code |  |
| Contact person |  |
| Telephone Number |  |
| E-mail address |  |
| **Installer** signature |  |
| **Installation details:** |
| Address |  |
| Post code |  |
| Location within **Generator’s** **Installation** |  |
| Location of Lockable Isolation Switch |  |

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| **Summary details of Power Generating Modules** (including **Electricity Storage**) **-** where multiple **Power Generating Modules** will exist within one **Generator’s Installation**. |
| **Manufacturer** / Reference | Date of Installation | Technology Type | **Manufacturers** Ref No. (Product ID) or Reference to Form A2-3  | **Power Generating Module Registered Capacity in kW** |
| 3-Phase Units | Single Phase Units | **Power Factor** |
| PH1 | PH2 | PH3 |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
| **Emerging technology classification (if applicable):** |
|  |
| **Commissioning Checks:** |
| **Description** | **Confirmation** |
| **Generator’s Installation** satisfies the requirements of BS7671 (IET Wiring Regulations). | Yes / No\* |
| Suitable lockable points of isolation have been provided between the **PGMs** and the rest of the **Generator’s Installation**. | Yes / No\* |
| Labels have been installed at all points of isolation in accordance with EREC G99. | Yes / No\* |
| Interlocking that prevents **PGMs** being connected in parallel with the **DNO** system (without synchronising) is in place and operates correctly.  | Yes / No\* |
| Balance of Multiple Single Phase **PGMs**. Confirm that design of the **Generator’s** **Installation** has been carried out to limit output power imbalance to below 16 A per phase, as required by EREC G99. | Yes / No\* |
| Export limitation scheme meets the requirements of EREC G100 and has been commissioned in accordance with EREC G100. | Yes / No\* |
| **Information to be enclosed:** |  |
| Description | Confirmation \*  |
| Final copy of circuit diagram. | Yes / No\* |
| EREC G100 Export limitation scheme installation and commissioning test form. | Yes / No\* |
| **Form A3-2 Part 2** |
| **Power Generating Module** reference or name |  |
| **Information to be enclosed.** |
| Description | Confirmation \*  |
| Schedule of protection settings (may be included in circuit diagram) | Yes / No\* |
| **Commissioning Checks.** |
| The **Interface Protection** settings have been checked and comply with EREC G99. | Yes / No\* |
| **PGM** successfully synchronises with the **DNO’s Distribution Network** without causing significant voltage disturbance. | Yes / No\* |
| **PGM** successfully runs in parallel with the **DNO’s Distribution Network** without tripping and without causing significant voltage disturbances. | Yes / No\* |
| **PGM** successfully disconnects without causing a significant voltage disturbance, when they are shut down. | Yes / No\* |
| **Interface Protection** operates and disconnects the **DNO’s Distribution Network** quickly (within 1s) when a suitably rated switch, located between the **PGM** and the **DNO’s** incoming connection, is opened. | Yes / No\* |
| **PGM** remains disconnected for at least 20s after switch is reclosed. | Yes / No\* |
| Loss of tripping and auxiliary supplies. Where applicable, loss of supplies to tripping and protection relays results in either **PGM** lockout or an alarm to a 24hr manned control centre. | Yes / No\* |
| \*Circle as appropriate. If “No” is selected the **Power Generating Facility** is deemed to have failed the commissioning tests and the **Power Generating Module** shall not be put in service. |
| Additional comments / observations: |
| Declaration – to be completed by **Generator** or **Generator’s** Appointed Technical Representative. |
| I declare that for the **Power Generating Module** within the scope of this EREC G99, and the installation:1. Compliance with the requirements of EREC G99 and EREC G100 is achieved. 2. The **Power Generating Module** is **Fully Type Tested.**3. The commissioning checks detailed in this Form A3-2 Part 2 have been successfully completed. |
| Name:  |
| Signature:  | Date:  |
| Company Name: |
| Position: |
| Declaration – to be completed by **DNO** Witnessing Representative if applicable. Delete if not witnessed by the **DNO**. |
| I confirm that I have witnessed:1. The commissioning checks detailed in Form A2-4 \*;2. The commissioning checks detailed in this Form A3-1 on behalf of and that the results are an accurate record of the checks.\*delete if not applicable ie if the **Interface Protection** and ride through capabilities are **Type Tested** |
| Name:  |
| Signature: | Date: |
| Company Name: |