**Installation Document for Type A Power Generating Modules (Form A3-1) and Integrated Micro Generation and Storage (Form A3-2)**

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| **Form A3-1 : Installation Document for Type A Power Generating Modules**Please complete and provide this document for every **Power Generating Facility.**Part 1 should be completed for the **Power Generating Facility**.Part 2 should be completed for each of the **Power Generating Module**s being commissioned. Where the installation is phased the form should be completed on a per **Generating Unit** basis as each part of the installation is completed in accordance with EREC G99 paragraph 15.3.3. For phased installations reference to **PGM** in this form should be read as reference to **Generating Unit**s. |
| **Form A3-1 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 |  |
| **Summary details of Power Generating Module**s **-** where multiple **Power Generating Module**s will exist within one **Generator’s Installation**. |
| **Manufacturer** / Reference | Date of Installation | Technology Type | **Manufacturer**s Ref No. (Product ID) or Reference to Form A2- 1/2/3 or combination of above as applicable | **Power Generating Module Registered Capacity** in kW |
| 3-Phase Units | Single Phase Units | **Power Factor** |
| PH 1 | PH 2 | PH 3 |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
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|  |  |  |  |  |  |  |  |  |
| **Emerging technology classification (if applicable).** |
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| **Commissioning Checks.** |
| **Description** | **Confirmation** |
| **Generator’s Installation** satisfies the requirements of BS7671 (IET Wiring Regulations). | Yes / No\* |

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| 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 **PGM**s being connected in parallel with the **DNO**’s **Distribution Network** (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\* |
| **Form A3-1 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\* |
| As installed Standard Application Form data, unless already provided. | Yes / No\* |
| Final copy of circuit diagram | Yes / No\* |
| **Commissioning Checks.** |
| The **Interface Protection** settings have been checked and comply with EREC G99. | Yes / No / N/A (**Type Tested**)\* |
| The **PGM** successfully synchronises with the **DNO**’s **Distribution Network** without causing significant voltage disturbance. | Yes / No\* |
| The **PGM** successfully runs in parallel with the **DNO**’s **Distribution Network** without tripping and without causing significant voltage disturbances. | Yes / No\* |
| The **PGM** successfully disconnects without causing a significant voltage disturbance, when it is shut down. | Yes / No\* |
| **Interface Protection** operates and disconnects the **DNO**’s **Distribution Network** quickly (within 1 s) when a suitably rated switch, located between the **PGM** and the **DNO**’s incoming connection, is opened. | Yes / No\* |
| The **PGM** remains disconnected for at least 20 s 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** forced trip or an alarm to a 24 hour manned control centre. | Yes / No\* |

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| \*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 **Type A Power Generating Module** within the scope of this EREC G99, and the installation:1. Compliance with the requirements of EREC G99 is achieved.
2. The commissioning checks detailed in Form A2-4 have been successfully completed\*.
3. The commissioning checks detailed in this Form A3-1 have been successfully completed.

\*delete if not applicable ie if the **Interface Protection** and ride through capabilities are **Type Tested**. |
| 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: |