|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Form A1-2 : Application for connection of Fully Type Tested Integrated Micro Generation and Storage installations**  For **Integrated Micro Generation and Storage** installations, this simplified application form can be used where all of the following eligibility criteria apply:   * The **Power Generating Module**s are located in a single **Generator’s Installation**; * The total aggregate capacity of the **Power Generating Module**s (including **Electricity Storage** devices) is between 16 A and 32 A per phase; * The total aggregate capacity of the **Power Generating Module**s that are **Electricity Storage** devices do not exceed 16 A per phase and the total aggregate capacity of the **Power Generating Module**s that are not **Electricity Storage** devices do not exceed 16 A per phase. Note that if the total aggregated capacity of **Electricity Storage** and non-**Electricity Storage** devices is no greater than 16 A per phase, the single premises procedure described in EREC G98 applies; * All of the **Power Generating Module**s (including **Electricity Storage** units) are connected via EREC G98 **Type Tested Inverter**s (or EREC G83 **Type Tested Inverter**s, where the **Power Generating Module** was installed prior to 27 April 2019) * An EREC G100 compliant export limitation scheme is present that limits the export from the **Generator’s Installation** to the **Distribution Network** to 16 A per phase; and * The **Power Generating Module**s will not operate when there is a loss of mains situation.   **DNO**s may have their own forms; refer to the **DNO**’s websites and online application tools. If the **Power Generating Module** is registered with the ENA Type Test Verification Report Register, the application should include the **Manufacturer’s** reference number (the Product ID).  If all the eligibility criteria apply the **DNO** will confirm that the installation can proceed. The planned commissioning date stated on the application shall be within 10 working days and 3 months from the date the application is submitted.  On completion of the installation the **Installer** shall submit the commissioning sheets, as required in EREC G100 alongside the EREC G99 forms. | | | | | | | | | | |
| 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) | | |  | | | | | | | |
| **Installer Details (Generation):** | | | | | | | | | | |
| **Installer** | | |  | | | | | | | |
| Accreditation / Qualification | | |  | | | | | | | |
| Address | | |  | | | | | | | |
| Post Code | | |  | | | | | | | |
| Contact person | | |  | | | | | | | |
| Telephone Number | | |  | | | | | | | |
| E-mail address | | |  | | | | | | | |
| **Installer Details (Electricity Storage, if different from above):** | | | | | | | | | | |
| **Installer** | | |  | | | | | | | |
| Accreditation / Qualification | | |  | | | | | | | |
| Address | | |  | | | | | | | |
| Post Code | | |  | | | | | | | |
| Contact person | | |  | | | | | | | |
| Telephone Number | | |  | | | | | | | |
| E-mail address | | |  | | | | | | | |
| **Installation details**: | | | | | | | | | | |
| Address | | |  | | | | | | | |
| Post Code | | |  | | | | | | | |
| MPAN(s) | | |  | | | | | | | |
| **Details of Existing PGM**s **– where applicable:** | | | | | | | | | | |
| **Manufacturer** | Approximate Date of Installation | Technology Type (e.g. Solar, Wind, Biomass, Diesel/CHP) | | **Manufacturer**’s Ref No. where available | **PGM** **Registered Capacity** (kW) | | | | |
| 3 -phase units | Single Phase Units | | | **Power Factor** |
| PH1 | PH2 | PH3 |
|  |  |  | |  |  |  |  |  |  |
|  |  |  | |  |  |  |  |  |  |
| **Details of Proposed Additional Generating Unit(s) (including Electricity Storage):** | | | | | | | | | | |
| **Manufacturer** | Approximate Date of Installation | Technology Type (e.g. Solar, Wind, Biomass, Diesel/CHP, **Electricity Storage**) | | **Manufacturer**’s Ref No. where available | **Generating Unit Capacity** (kW) | | | | |
| 3-phase units | Single Phase Units | | | **Power Factor** |
| PH1 | PH2 | PH3 |
|  |  |  | |  |  |  |  |  |  |
|  |  |  | |  |  |  |  |  |  |
| **Please confirm all of the statements are true by ticking each box:** | | | | | | | | | |
| The **Power Generating Module**s are located in a single **Generator’s Installation**. | | | | | | | | |  |
| The total aggregate capacity of the **Power Generating Module**s (including **Electricity Storage** units) is between 16 A and 32 A per phase. | | | | | | | | |  |
| The total aggregate capacity of the **Power Generating Module**s that are **Electricity Storage** devices do not exceed 16 A per phase and the total aggregate capacity of the **Power Generating Modules** that are not **Electricity Storage** devices do not exceed 16 A per phase. | | | | | | | | |  |
| All of the **Power Generating Modules** (including **Electricity Storage** devices) are connected via EREC G98 **Type Tested** **Inverters** (or EREC G83 **Type Tested Inverter**s, where the **Power Generating Module** was installed prior to 27 April 2019) | | | | | | | | |  |
| An EREC G100 compliant export limitation scheme is present that limits the export from the **Generator’s Installation** to the **Distribution Network** to 16 A per phase; and | | | | | | | | |  |
| The **Power Generating Module**s will not operate when there is a loss of mains situation. | | | | | | | | |  |
| **The following information should be submitted with the application:** | | | | | | | | | |
| Copy of single line diagram of export limitation scheme | | | | | | | | | |
| Explanation / description of export limitation scheme operation including a description of the fail-safe functionality eg the response of the scheme following failure of a:   * Power monitoring unit * Control unit * **Power Generating Module** interface unit * Demand control unit * Communication equipment   Note, fail-safe tests are not required at installations where all **Generating Unit**s are EREC G83 or EREC G98 **Type Tested**, aggregated capacity is not more than 32 A per phase and export capacity is limited to 16 A per phase. | | | | | | | | | |
| **Additional details:** | | | | | | | | | |
| Target date for provision of connection / commissioning of **Electricity Storage** devices:\* | | | |  | | | | | |
| EREC G100 compliance declaration / EREC G100 Type Test reference as applicable: | | | |  | | | | | |
| Signed : | | | | | Date : | | | | | |
| Use continuation sheet where required.  Record **Power Generating Module** **Registered Capacity** kW at 230 AC, to one decimal place, under PH1 for single phase supplies and under the relevant phase for two and three phase supplies.  Include a schematic diagram for the proposed scheme.  \*The planned commissioning date shall be at least 10 working days from the date of application but not more than 3 months in advance (connection offers are only valid for 3 months). | | | | | | | | | | |