

Form A1-2 : Application for connection of 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 Modules** are located in a single **Generator's Installation**;
- The total aggregate capacity of the **Power Generating Modules** (including **Electricity Storage** devices) is between 16 A and 32 A per phase;
- The total aggregate capacity of the **Power Generating Modules** 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. 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 Modules** (including **Electricity Storage** units) are connected via EREC G98 Type Tested Invertors (or EREC G83 **Type Tested Invertors**, where the **Power Generating Module** was installed prior to 17th 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 Modules** will not operate when there is a loss of mains situation.

DNOs 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 must be within 10 working days and 3 months from the date the application is submitted.

On completion of the installation the **Installer** must 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	abcd@wxyz.com

Generator Details:

Generator (name)	
Address	
Post Code	
Contact person (if different from Generator)	
Telephone number	
E-mail address	
MPAN(s)	

All of criteria must be met for this form to be accepted. If any aren't met, then other A forms may be applicable.

SSEN can confirm via e-mail or letter.

Installer must comply with this by providing required information to SSEN. See Engineering Recommendation G100 Appendix A, B & C (pages 19 – 27)

All boxes to be completed by the developer

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)	

All boxes to be completed by the developer / Installer

All boxes to be completed by the Developer / Installer if storage and/or installer details differ from the generation section.

MPAN to be provided to Settlements and uploaded to SIMS

Details of Existing PGMs – 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	

If an existing generator is connected its details are to be provided here; even if it is no part of the G99 application

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	PGM Registered Capacity (kW)				
				3-phase units	Single Phase Units			Power Factor
					PH1	PH2	PH3	

All new Power Generating Module info for the site to be declared here.

Please confirm all of the statements are true by ticking each box:

The Power Generating Modules are located in a single Generator's Installation .	
The total aggregate capacity of the Power Generating Modules (including Electricity Storage units) is between 16 A and 32 A per phase.	
The total aggregate capacity of the Power Generating Modules 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 Invertors (or EREC G83 Type Tested Invertors , where the Power Generating Module was installed prior to 17th 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 Modules will not operate when there is a loss of mains situation.	

As per page 1, all statements must be confirmed as true to comply with this form.

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: <ul style="list-style-type: none"> • 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 Units 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 must 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).	

This info is provided through EREC G100 completing Appendix A, B & C (pages 19 - 27)

Developer to confirm connection date. The date must meet the minimum criteria set out in the box below. See *

If the form is not fully complete then the connection cannot progress. SSEN require all info requested within this form.

SSEN to work with Developer to ensure the commission date is achievable

Final document and associated evidence to be sent to project manager or contracts manager for approval.