

Form A1-2 : Application for connection of Fully Type Tested Generation under the Small Generation Installation Procedures

For **Small Generation Installation** Procedures 2 or 3, this simplified application form can be used where all of the following eligibility conditions are met:

- The new and existing **Generating Units** are located in a single **Generator's Installation**;
- The **Intrinsic Design Capacity (IDC)** of each new and existing **Generating Unit** is no more than 32 A;
- All of the **Generating Units** (including **Electricity Storage** devices) are connected via EREC G98 or EREC G99 **Fully Type Tested** inverters;²⁰
- The total aggregate **Registered Capacities** of all the **Generating Units** (including **Electricity Storage** devices) is less than 60 A per phase; and
- Where required by the relevant **Small Generation Installation** procedure SGI-2 or SGI-3, an EREC G100 compliant export limitation scheme is present that limits the export from the **Generator's Installation** to the **Distribution Network**;

DNOs may have their own forms; refer to the **DNO's** websites and online application tools. The application should include the **Manufacturer's** reference number (the system reference) from the ENA Type Test Verification Report Register.

If all the eligibility conditions apply the **DNO** will confirm that the installation can proceed. The planned commissioning date stated on the application shall be between 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	SSEN	DNO
	Inveralmond House, 200 Dunkeld Ro	microgen@sse.com
Generator details:		
Generator (name)	James Solar	
Address	99 Dno Street, Connection House, Poole	
Post Code	BH14 8Sb	
Contact person (if different from Generator)	James Solar	
Telephone number	07563452369	

²⁰ Or **Type Tested** to EREC G83 or G59 where the **Generating Unit** was connected prior to 27 April 2019.

Details of proposed additional Generating Unit(s)								
Manufacturer	Approximate Date of Installation	Energy source and energy conversion technology (enter codes from tables 1 and 2 below)	Manufacturer's Ref No. where available	Generating Unit Intrinsic Design Capacity & Registered Capacity (kW)*				Energy storage capacity for Electricity Storage devices (kWh)
				3-phase units		Single Phase Units		
				IDC	RC	IDC	RC	
FOXESS Co., Ltd.	2026-07-27	R-11	FOXES/13920/V1	15.0	15.0			11.5
FOXESS Co., Ltd.	2026-07-27	R-11	FOXES/13920/V1	15.0	15.0			11.5
Details of Export Limitation Scheme								
Where an export limitation scheme is required by SGI-2 or SGI-3 please state export limit setting in amps.						28.9		
Please confirm all of the statements are true by ticking each box:								
The Generating Unit(s) is located in a single Generator's Installation .								X
The Intrinsic Design Capacity of each new and existing Generating Unit is no more than 32 A.								X
All of the Generating Units (including Electricity Storage devices) are connected via EREC G99 or G98 Type Tested Inverters (or EREC G59 or G83 Type Tested Inverters , where the Power Generating Unit was installed prior to 27 April 2019)								X
The total aggregate Registered Capacity of the Generating Units (including Electricity Storage devices) is no more than 60 A per phase.								X
An EREC G100 compliant export limitation scheme is present that limits the export from the Generator's Installation to the Distribution Network if required by SGI-2 or SGI-3.								X
The following information should be submitted with the application:								
Copy of single line diagram of export limitation scheme								
Explanation / description of the EREC G100 export limitation scheme operation including a description of the fail-safe functionality, ie the response of the scheme following failure of any component or device of the fail-safe system, or following any loss of communication between the components and devices of the scheme.								

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 new Generating Units devices.**	2026-07-27
EREC G100 compliance declaration / EREC G100 Type Test reference as applicable:	See attached G100 compliance declaration and scheme
Signed : 	Date : 2026-06-29
Use continuation sheet where required. * Record Generating Unit 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. **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).	

Table 1

	Energy Source
A	Advanced Fuel (produced via gasification or pyrolysis of biofuel or waste)
B	Biofuel - Biogas from anaerobic digestion (excluding landfill & sewage)
C	Biofuel - Landfill gas
D	Biofuel - Sewage gas
E	Biofuel - Other
F	Biomass
G	Fossil - Brown coal/lignite
H	Fossil - Coal gas
I	Fossil - Gas
J	Fossil - Hard coal
K	Fossil - Oil

	Energy Source
L	Fossil - Oil shale
M	Fossil - Peat
N	Fossil - Other
O	Geothermal
P	Hydrogen
Q	Nuclear
R	Solar
S	Stored Energy (all stored energy irrespective of the original energy source)
T	Waste
U	Water (flowing water or head of water)
V	Wind
W	Other

Table 2

	Energy Conversion Technology
1	Engine (combustion / reciprocating)
2	Fuel Cell
3	Gas turbine (OCGT)
4	Geothermal power plant
5	Hydro - Reservoir (not pumped)
6	Hydro - Run of river
7	Hydro - Other
8	Interconnector
9	Offshore wind turbines
10	Onshore wind turbines
11	Photovoltaic
12	Steam turbine (thermal power plant)
13	Steam-gas turbine (CCGT)
14	Tidal lagoons
15	Tidal stream devices
16	Wave devices
17	Storage - Chemical - Ammonia
18	Storage - Chemical - Hydrogen
19	Storage - Chemical - Synthetic Fuels
20	Storage - Chemical - Drop-in Fuels
21	Storage - Chemical - Methanol

	Energy Conversion Technology
22	Storage - Chemical - Synthetic Natural Gas
23	Storage - Electrical - Supercapacitors
24	Storage - Electrical - Superconducting Magnetic ES (SMES)
25	Storage - Mechanical - Adiabatic Compressed Air
26	Storage - Mechanical - Diabatic Compressed Air
27	Storage - Mechanical - Liquid Air Energy Storage
28	Storage - Mechanical - Pumped Hydro
29	Storage - Mechanical - Flywheels
30	Storage - Thermal - Latent Heat Storage
31	Storage - Thermal - Thermochemical Storage
32	Storage - Thermal - Sensible Heat Storage
33	Storage - Electrochemical Classic Batteries -Lead Acid
34	Storage - Electrochemical Classic Batteries -Lithium Polymer (Li-Polymer)
35	Storage - Electrochemical Classic Batteries -Metal Air
36	Storage - Electrochemical Classic Batteries -Nickle Cadmium (Ni-Cd)
37	Storage - Electrochemical Classic Batteries -Sodium Nickle Chloride (Na-NiCl ₂)
38	Storage - Electrochemical Classic Batteries -Lithium Ion (Li-ion)
39	Storage - Electrochemical Classic Batteries -Sodium Ion (Na-ion)
40	Storage - Electrochemical Classic Batteries -Lithium Sulphur (Li-S)
41	Storage - Electrochemical Classic Batteries -Sodium Sulphur (Na-S)
42	Storage - Electrochemical Classic Batteries -Nickle –Metal Hydride (Ni-MH)
43	Storage - Electrochemical Flow Batteries - Vanadium Red-Oxide
44	Storage - Electrochemical Flow Batteries - Zinc – Iron (Zn –Fe)
45	Storage - Electrochemical Flow Batteries - Zinc – Bromine (Zn –Br)
46	Storage - Other
47	Other