

## EXPORT LIMITATION SCHEME INSTALLATION AND COMMISSIONING TESTS

Commissioning test requirements for ELS, in addition to generation tests required by ENA EREC G83 or G59.

<b>WPD CROWN Ref. No.:</b> -----	<b>MPAN<sup>1</sup> (21/13-digits):</b> -----	
<b>Customer Name</b>	.....	
<b>Address of ELS</b> (where equipment will be used)	..... ..... ..... .....	
<b>Installer</b>	.....	
<b>Installer Address</b>	..... ..... ..... .....	
<b>Information to be Provided</b>		
	<b>Description</b>	<b>Confirmation</b>
	Final copy of Single Line Diagram of <b>Export Limitation Scheme</b>	Yes / No*
	Explanation of <b>Export Limitation Scheme</b> operation	Yes / No*
	Description of the fail-safe functionality (Interruption of sensor signals, disconnection of load, loss of power, internal fault detection etc.) <i>Note, fail-safe operation is not mandatory where the installation has an aggregate <b>Generating Unit</b> capacity of 16A (i.e. 3.68kW) per phase or less.</i>	Yes / No*
	<b>Agreed Export Capacity</b> as provided by the <b>DNO</b>	_____kW
	<b>Export Limitation Scheme</b> export setting	_____kW
	The <b>Export Limitation Scheme</b> has secure communication links between the various component parts of the <b>Export Limitation Scheme</b> as specified in section 5.1.3 of ENA EREC G100	Yes / No*

Commissioning Checks	
The <b>Export Limitation Scheme</b> is fail-safe and limits export if any of the discrete units or communication links that comprise the <b>Export Limitation Scheme</b> fail or lose their source of power. All components have been tested in line with section 7 of ENA EREC G100	Yes / No*
When the <b>Export Limitation Scheme</b> operates it reduces the exported <b>Active Power</b> to a value that is equal to, or less than, the <b>Agreed Export Capacity</b> within 5s.	Yes / No*
A reverse power relay is fitted which will disconnect the generation if the export goes 5% above the <b>Agreed Export Capacity</b> for longer than 5s (not required for fail-safe LV metered connections).	Yes / N/A <u>Setting</u> Power: _____kW Time: _____Sec
On completion of commissioning, all settings are restored to normal operating values and password protected or sealed to prevent <b>Customer</b> access. A description of the scheme, its settings, and a single line diagram is displayed on site.	Yes / No*

\* Circle as appropriate. If “No” is selected the **Power Station** is deemed to have failed the commissioning tests and the **Generating Units** shall not be put in service.

Additional Comments / Observations:

Insert here any additional tests which have been carried out

Declaration – to be completed by Generator or Generators’ Appointed Technical Representative.	
I declare that the <b>Export Limiting Scheme</b> and the installation comply with the requirements of ENA EREC G100 and the additional commissioning checks noted above have been successfully completed in addition to those required by EREC G83 or G59	
Signature:	Date:
Position:	
Declaration – to be completed by DNO Witnessing Representative	
I confirm that I have witnessed the tests specified in this document on behalf of _____ and that the results are an accurate record of the tests.	
Signature:	Date:

This form should be appended to those provided in appendix 3 of EREC G83 or appendix 13.2 and 13.3 in EREC G59.