

Appendix B – Export Limitation Scheme Installation and Commissioning Tests

Commissioning test requirements for **Export Limitation Schemes**, in addition to those required by EREC G83 or G59.

NIE Networks Ref No:	MPRN² (11 digits): 8_____	
Customer Name	
Address of ELS (where equipment will be used)	
Installer	
Installer Address	
Information to be Provided		
Description	Confirmation	
Final copy of Single Line Diagram of Export Limitation Scheme .	Yes / No*	
Explanation of Export Limitation Scheme operation.	Yes / No*	
Description of the fail-safe functionality (Interruption of sensor signals, disconnection of load, loss of power, internal fault detection etc.) “Fail safe tests are not required at installations where all of the Generating Units are Type Tested SSEGs , with a Power Station Capacity of not more than 7.36kW per phase (i.e. 32A per phase at 230V) and an Export Capacity of not more than 3.68kW per phase (i.e. 16A per phase at 230V).	Yes / No*	
Agreed Export Capacity as provided by NIE Networks .	_____ kW	
Export Limitation Scheme export setting.	_____ kW	
The Export Limitation Scheme has secure communication links between the various component parts of the Export Limitation Scheme as specified in section 4.1.	Yes / No*	

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² A Meter Point Reference Number (or MPRN) is an 11 digit number starting with the number 8 which is unique to all premises.

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Commissioning Checks	
The Export Limitation Scheme is fail-safe and limits export if any of the discrete units or communication links that comprise the Export Limitation Scheme fail or lose their source of power. All components have been tested in line with section 6.	Yes / No*
When the Export Limitation Scheme operates it reduces the exported Active Power to a value that is equal to, or less than, the Agreed Export Capacity within 5 seconds.	Yes / No*
A reverse power relay is fitted which will disconnect the generation if the export goes 5% above the Agreed Export Capacity for longer than 5 seconds (not required for fail-safe LV metered connections with power station capacity <=150kW).	Yes / N/A * Setting _____ kW Time _____ Sec
On completion of commissioning, all settings are restored to normal operating values and password protected or sealed to prevent Customer 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.

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Declaration – to be completed by Generator or Generators Appointed Technical Representative.

I declare that the **Export Limiting Scheme** and the installation comply with the requirements of NIE Networks policy 21/007 V2 and the additional commissioning checks required have been successfully completed in addition to those required by EREC G83 or G59.

Signature:

Date:

Position:

Declaration – to be completed by NIE Networks 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.