# Appendix B – Export Limitation Scheme Installation and Commissioning Tests

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

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| **DNO Ref. No.:**  **\_ \_ \_ \_ \_ \_ \_** | **MPAN1 (21/13-digits):**  \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ | |
| **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\* |
| Copy of Manufacturers G100 Product Declaration (Appendix C) | | 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 the **DNO** | | 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 5.1.3 | | Yes / No\* |

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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 7. | 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 5s. | 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 5s (not required for fail-safe **LV** metered connections). | 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 this document 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

* 1. and 13.3 in EREC G59.