

Design Compliance Report, Covering Letter (SAMPLE ONLY)

Ref: CX####

WR#

DD/MM/YYYY

Dear Sir/Madam

Subject: Configuration of Installation e.g.: 20 kVA inverter system with 15 kW Partial Export – **Project Name, Location**

Please find attached our submission for the above-mentioned project.

This letter is to certify that as an Accredited Person and by virtue of my training and experience, the submission documentation issued together with this letter complies with the requirements of the latest revisions of the following:

- Technical Study for the proposed connection
- STNW3514 Version [#] - Standard for Small IES Connections to Isolated Networks, including the relevant standards applicable to this installation therein
- Queensland Electricity Connection Manual Version [#]

Details of generating system(s): *[example only]*

EG #	Size	Type	Operation	Units
1	20kVA	Solar PV (New)	Partial Export	2 x 10kVA inverters
TOTAL	Capacity	20 kVA	Export	15 kW

As identified in the Technical Study, Output Smoothing is required for this connection. As such, evidence of a compliant design as been provided.

[Drafting note – installer to include relevant cover letter, depending on whether a new reference design is proposed, or an existing one is being re-used]

Should you have any queries, please contact the undersigned.

Signed

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SAA Accreditation Number	
Professional Title	
Company Name	
Company Address	
Contact Details	

Attachments

Attachment 1 – RPEQ Sign-Off

Template 1: RPEQ sign-off templates for Output Smoothing

Type: New reference design

Ergon Energy Network
420 Flinders Street
Townsville QLD 4810

National Metering Identifier for the installation: <NMI>

<Date>

Subject: Connection of Small IES Unit with Output Smoothing – NMI: < National Metering Identifier>, <Installation Site Address>

Please find attached our submission for the above installation.

This letter is to certify that as a Registered Professional Engineer of Queensland the submission documentation provided together with this letter complies with the requirements of Appendix H of STNW3514 “Standard for Small IES Connections to Isolated Networks” <state latest revision>.

The following documentation has also been submitted as part of the application:

- Compliance checklist
- System diagram
- Circuit diagrams

Regards,

<Full name of the RPEQ>

<Registration number>

<Professional title>

<Company name>

<Company address>

<Contact details (including phone, email and postal addresses)>

Template 2: Reused reference design for Output Smoothing

Type: Reused reference design

Ergon Energy Network

420 Flinders Street

Townsville QLD 4810

National Metering Identifier for the installation: <NMI>

<Date>

Subject: Connection of Small IES Unit with Output Smoothing – NMI: < National Metering Identifier>, <Installation Site Address>

Please find attached our submission for the above installation.

As part of this submission we make reference to the RPEQ sign-off dated <date> for an IES reference design that is attached to this connection application (RPEQ Certified Design). We confirm that the design of the IES installation the subject of this connection application located at <Installation Site Address>, NMI <NMI> dated <Date> replicates the key elements of the RPEQ Certified Design without alteration (in accordance with Item H.3.2 of Appendix H of STNW3514 “Standard for Small IES Connections to Isolated Networks” <state latest revision>).

The following documentation is also attached in support of the connection application as required by the Standard:

- Compliance checklist
- System diagram
- Circuit diagrams

Regards,

<Full name>

<Professional title>

<Company name>

<Company address>

<Contact details (including phone, email and postal addresses)>

Attachment 2 – Compliance Checklist

Description	Applicable sections	Complies	Comments
General requirements - system and circuit diagrams	Appendix H.3.1: Documentation	☐	
General requirements - RPEQ sign-off	Appendix H.3.2: RPEQ sign-off	☐	
General technical requirements - export only for ESSs	Appendix H.4.2: Export only for energy storage systems	☐	
General technical requirements - permission to export	Appendix H.4.3: Permission to export	☐	
Smoothing requirements – ramp down time	Appendix H.4.4.1: Ramp down time	☐	
Smoothing requirements – ramp up time	Appendix H.4.4.2: Ramp up time	☐	
Testing – testing procedure	Appendix H.4.5.1: Testing procedure	☐	
Testing – recording of data	Appendix H.4.5.3: Recording of Data	☐	
Testing – frequency of testing	Appendix H.4.6: Frequency of testing	☐	
Commissioning	Appendix H.4.7: Commissioning	☐	

Attachment 3 – System Diagram

[installer to provide]

Attachment 4 – Circuit Diagrams

[installer to provide]