

## Covering Letter (SAMPLE ONLY)

Ref: CX###  
WR#

DD/MM/YYYY

Dear Sir/Madam

Subject: Configuration of Installation e.g.: 100kVA with 40kW Partial Export or 100kVA Full Export Solar PV – **Project Name, Location**

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

This letter is to certify that as a Registered Professional Engineer of Queensland 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:

- Site Specific Enquiry Response
- STNW1174 Version [#] - Standard for LV Embedded Generation Connections, 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	110kVA	Solar PV (New)	Export	2 x 55kVA inverters
2	50kVA	Battery (Existing)	Non-export	1 x 50kVA battery inverter
TOTAL	Capacity	160kVA	Export	110kW

In addition to the above, the following documents have been submitted as part of the application:

- Single line diagram of the generating system to the connection point, including protection relay arrangement (signed by RPEQ),
  - Inverter power quality settings can be simplified with confirmation of use of Australia A regional settings (i.e., detailed settings parameters not required).
- Protection report, including inverter information<sup>1</sup>, make, model and instrument transformer details (signed by RPEQ),

<sup>1</sup> For Premises with more than one Connection Point on a Service Point, where the Connection Points service different Retail Customers, one IPR per Connection Point is required. If the Retail Customer is the same, one IPR shall trip all IESs for that Retail Customer.

- DNSP Approved Interface Protection Relay- Name, Make and Model (list available on DNSP Website, where relevant,
- Evidence of adherence to the Emergency Backstop Mechanism (refer to QECM 8.10.2 and the QECM drawing supplement for guidance on connection arrangements), including Generator Signaling Device (GSD) details: Make, Model, together with the connection diagram of the GSD,
- Voltage Rise Calculations -the EG System has been designed so that there is a maximum 2% voltage rise from the EG System to the Connection Point,
- Battery storage system details (if applicable), installed to AS/NZS 5139,
- Inverter Power Sharing Device details, where relevant. Confirmation design is RPEQ approved and compliant with AS/NZS4777.1:2024.
- EVSE (electric vehicle service equipment) details, where V2G or V2B (if relevant)

**Summary Table *[amend as relevant]***

Documents	Submitted	Provide details
Single Line Diagram (SLD)	Yes <input type="checkbox"/> No <input type="checkbox"/>	
Power Quality Settings	Yes <input type="checkbox"/> No <input type="checkbox"/>	
Protection Report	Yes <input type="checkbox"/> No <input type="checkbox"/>	
IPR Details	Yes <input type="checkbox"/> No <input type="checkbox"/>	
Emergency Backstop Mechanism Evidence (GSD Details)	Yes <input type="checkbox"/> No <input type="checkbox"/>	
Voltage rise calculations	Yes <input type="checkbox"/> No <input type="checkbox"/>	
Inverter details	Yes <input type="checkbox"/> No <input type="checkbox"/>	
Battery Storage details	Yes <input type="checkbox"/> No <input type="checkbox"/>	
Inverter Power Sharing Device (IPSD) details, if relevant	Yes <input type="checkbox"/> No <input type="checkbox"/>	
EVSE (Electrical Vehicle Supply Equipment) details, where V2B or V2G	Yes <input type="checkbox"/> No <input type="checkbox"/>	

Should you have any queries, please contact the undersigned.

*Signed*

	RPEQ Engineer Name
	Registration Number
	Professional Title
	Company Name
	Company Address
	Contact Details