Covering Letter (SAMPLE ONLY)

Ref: CX#
WR#

DD/MM/YYYY

Dear Sir/Madam

Subject: Configuration of Installation *e.g.: 100kVA Solar with Dynamic Export, Maximum Dynamic Export 100kW, nil Dynamic Import* – **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
- STNW3511 Version [#] – Dynamic 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]	*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 line diagram including inverter and interface protection relay details; make, model, settings, and instrument transformer details (signed by RPEQ)
- DNSP Approved Interface Protection Relay- Name, Make and Model (list available on DNSP Website)

[1] Note: Existing systems, must either comply with dynamic limits or be set to nil-export

- Confirmation of adherence to SEP2, with utilisation of compliant dynamic connection provider (list available on DNSP website)
- Proposed internet connection for Dynamic EG System
- 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), compliant to AS/NZS 5139 standard
- 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.

Summary Table *[amend as relevant]*

Documents	**Submitted**	**Provide details**
Single Line Diagram (SLD)	Yes ☐ No ☐	
Power Quality Settings	Yes ☐ No ☐	
Protection Report	Yes ☐ No ☐	
IPR Details	Yes ☐ No ☐	
Method of SEP2 (CSIP-AUS) Compliance	Yes ☐ No ☐	
Emergency Backstop Mechanism Evidence (GSD Details)	Yes ☐ No ☐	
Voltage rise calculations	Yes ☐ No ☐	
Inverter details	Yes ☐ No ☐	
Battery Storage details	Yes ☐ No ☐	
Inverter Power Sharing Device (IPSD), if relevant	Yes ☐ No ☐	
EVSE (Electrical Vehicle Supply Equipment) details, where V2B or V2G	Yes ☐ No ☐	
Legacy EG System Export/Control Changes	Yes ☐ No ☐	

Should you have any queries, please contact the undersigned.

Signature

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