

STAGED LIFESTYLE VILLAGES WITH EMBEDDED NETWORKS



Part of the Energy Queensland Group

1. Submit your Enquiry via the Energex portal <https://www.energex.com.au/energexportals> or <https://www.ergon.com.au/network/outages-and-disruptions> on behalf of the Retail Account Holder, which in most cases for Embedded Networks is the Site Owner.
2. Your Enquiry must include all existing inverter capacity onsite and the proposed inverter capacity you are applying for.
3. Once your Enquiry has been received, we will provide a Site-Specific Enquiry Response (SSER) within 20 business days. The SSER will be uploaded to the portal.
4. At this point you will be able to progress your Enquiry to an Application within the portal. Please ensure the following documents are uploaded to avoid delays:
 - a. Design Certification Report certifying compliance of the generating system in accordance with the Low Voltage Embedded Generation Standards (STNW1174)
 - b. The Design Certification Report needs to include a covering letter signed by an RPEQ and the following supporting documentation:
 - Network connection diagram for existing systems and proposed systems (signed by RPEQ)
 - Protection line diagram including inverter and grid protection device settings and instrument transformer details for existing systems and proposed systems (signed by RPEQ)
 - DNSP approved Grid Protection Relay (GPR) including name, make and model (Click here for the approved list)
https://www.energex.com.au/_data/assets/pdf_file/0011/761834/NA000403R514-Approved-Grid-Protection-Relays.pdf or
https://www.ergon.com.au/_data/assets/pdf_file/0008/762488/NA000403R514-Approved-Grid-Protection-Relays.pdf
 - Voltage Rise Calculations – the EG system has been designed to operate so that there is a maximum 2% voltage rise from the EG system to:

- A shared Distribution System connection – the Network Coupling Point; and
 - A dedicated Distribution System connection – the transformer’s low voltage terminals
- Battery Storage System details (if applicable)
5. An invoice will be emailed to you, outlining the fee payable as per the SSER cover page. Please note: the application only becomes visible for review once your payment has been received. A remittance advice can be emailed to accountsreceivable@energyq.com.au
 6. If your Connection Offer Type has been classified as ‘**Negotiated**’ in accordance with the Connection Policy 2020-2025, and complete from a material perspective, the Connection Application (CX) will be issued to a Technical Officer to provide a Technical Study and approval to proceed to offer. The Technical Study will be provided within 20 business days and is valid for 12 months.
 7. The Offer will be provided in accordance with the NER. and emailed to the customer/applicant to sign, this will include the existing systems and the proposed systems. Please return the entire signed offer to energexgeneration@energyq.com.au or ergongeneration@energyq.com.au within 20 business days.
 8. Once the signed offer has been received back, we will fully execute and upload to the portal for your records. At this point the CX will transition to ‘Awaiting Compliance Report’
 9. Any existing or new solar installed can be left switched on, **up until the generation capacity at the connection point has reached <30kW.** All solar systems installed after this capacity has been reached **MUST be left switched off** until such time as you can provide the Compliance Report and we have provided approval.
 10. The operation of the completed installations must be tested for compliance to the relevant Connection Standards and technical requirements outlined in the Technical Study. These test results must be certified by an approved RPEQ.
 11. The systems must be switched off at the AC isolator/s once the testing has been completed, however the DC isolators must be left switched on.
 12. You can provide Compliance Reports as you see fit during the 12-month validity period of the Technical Study.
 13. On completion of the tests; the signed Compliance Report must be emailed to energexgeneration@energyq.com.au within 7 business days of testing.
 14. Once we provide you with approval of the Compliance Report, those systems provided for in the Compliance Report can be switched.



15. We will re-issue the Offer with the ACTUAL installed approved capacities provided for in the Compliance Reports.

For any new stages of the development after the initial application and technical study validity has expired (12 months), the above process must be adhered to, however, all new solar MUST be left switched off until such time as you can provide the Compliance Report for the existing and proposed, and we provide you advice the Compliance Report is compliant.

You be required to follow this process each time you are looking to install additional generation for embedded networks where the generation exceeds 30kVA at the Connection Point.



Part of Energy Queensland