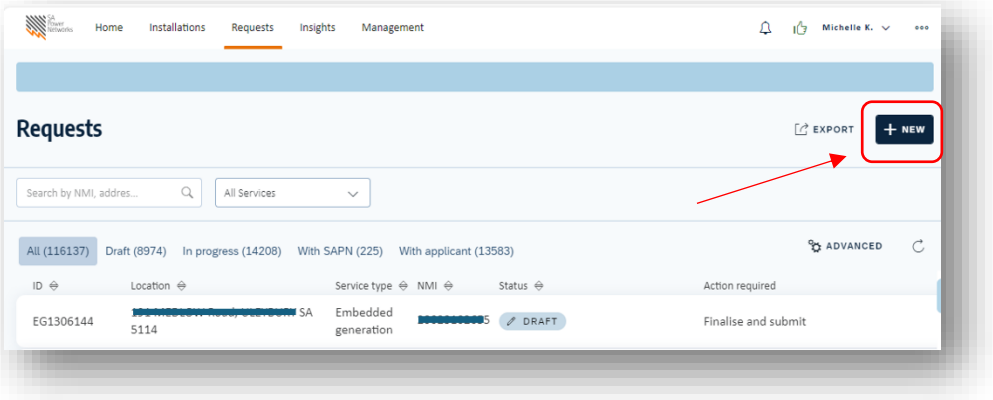
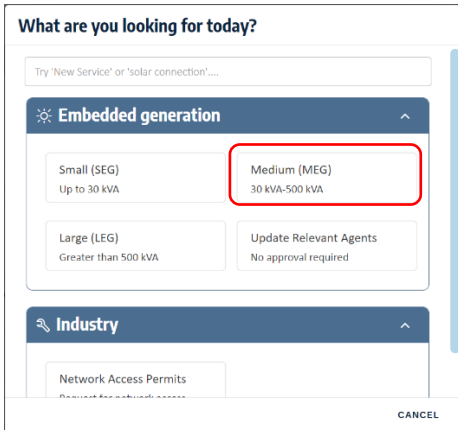
# How do I create a MEG application?

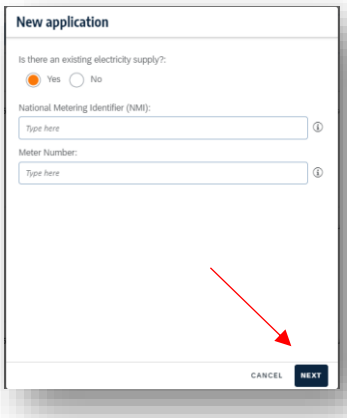
This document describes how to apply for Medium Embedded Generation

1. Click the “Apply” button on the dashboard, then select the size of the EG “Medium (MEG)

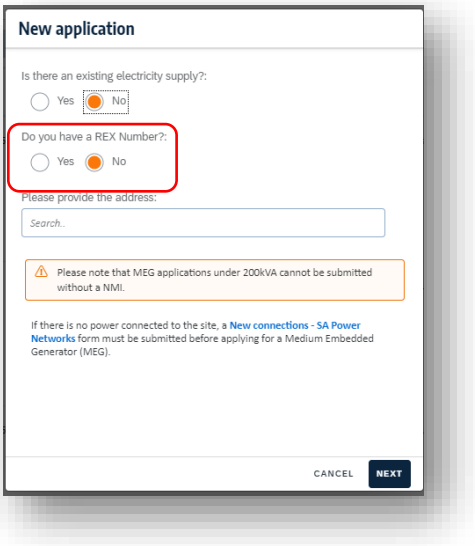


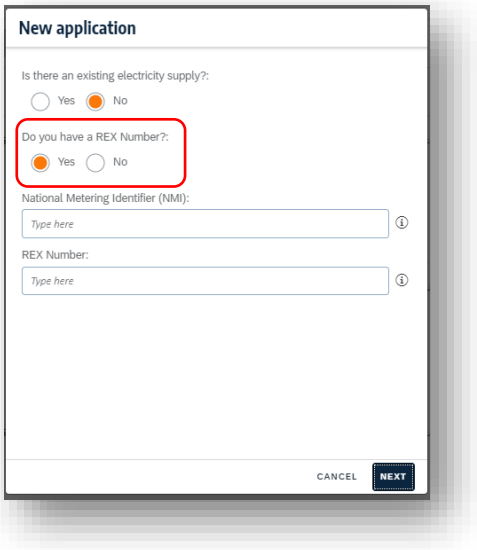



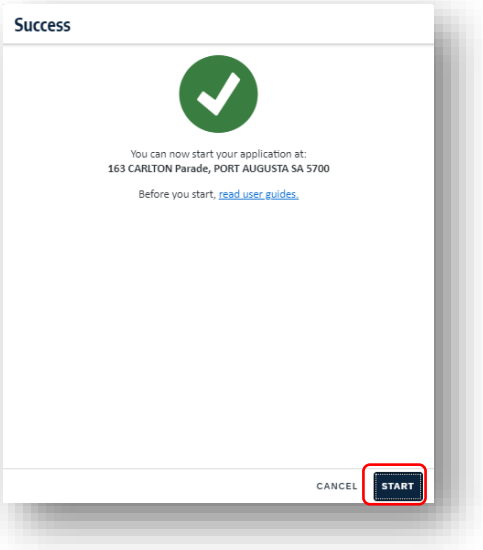

2. If there is an existing supply enter the NMI and Meter number for the site, then click “Next”



If the site has no supply, you can provide the NMI and REX number or the address.

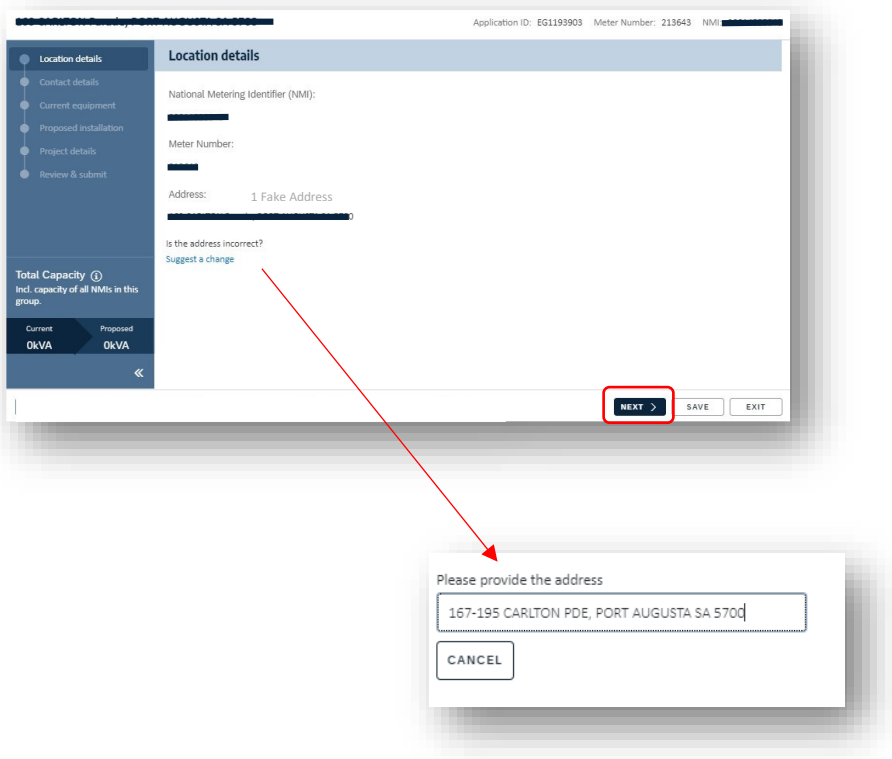


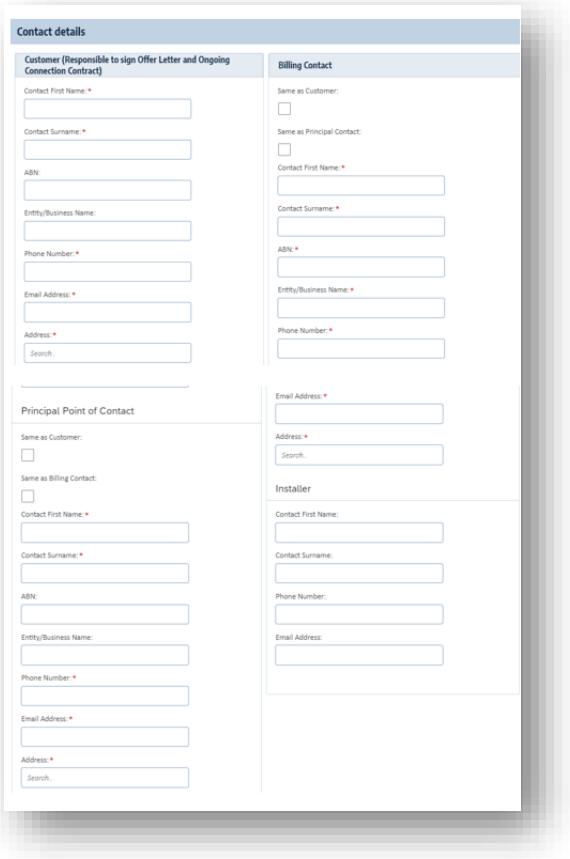

**Note** that if the NMI is part of a group (cluster) then the application will apply to all NMIs in the group. You can modify the group e.g. add NMIs using the modify group button.

3. If you entered the NMI and meter instead of address, the address will be displayed. Use the “Suggest a change” option and enter the correct address if this is in correct. Then click “Next”.



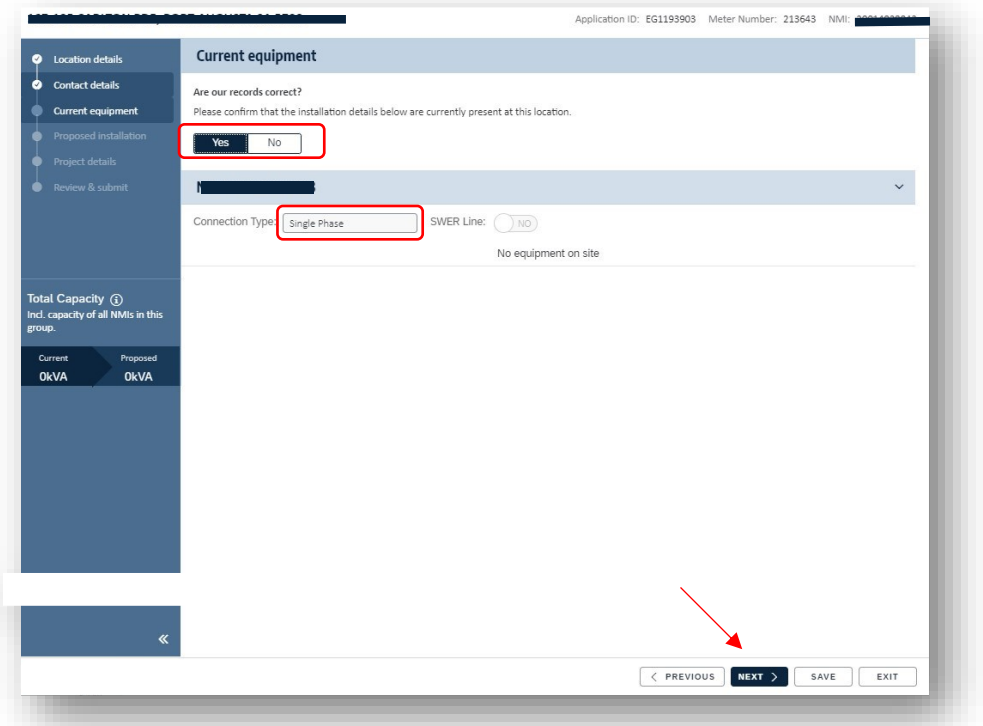

4. Enter the contact details Click “next” to proceed. Note you can use the “Same as” check boxes if any contact people are the same.

    - The customer is the person who is responsible to sign the contract
    - The principal point of contact is the person with whom SA Power Networks will be liaising
    - The billing contact is the person / organisation who will be receiving and paying invoices
    - Enter the installer contact information if known

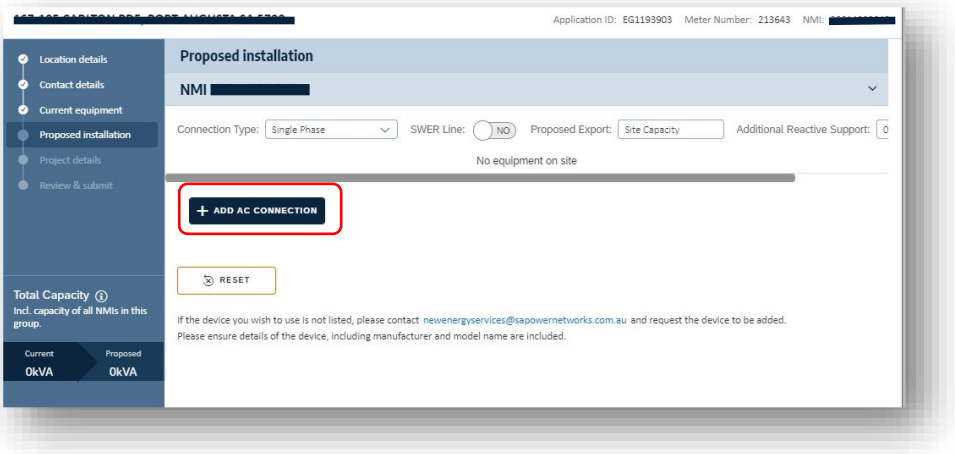



5. Any existing equipment (either installed or approved) located at the site will be displayed. If the information is correct, indicate “yes” and proceed by clicking next. If it is incorrect, click “No” to be able to edit the information

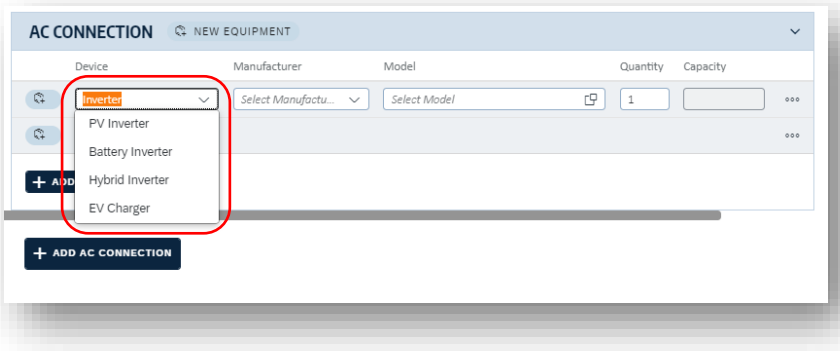
6. Select the correct phase from the connection type drop-down list



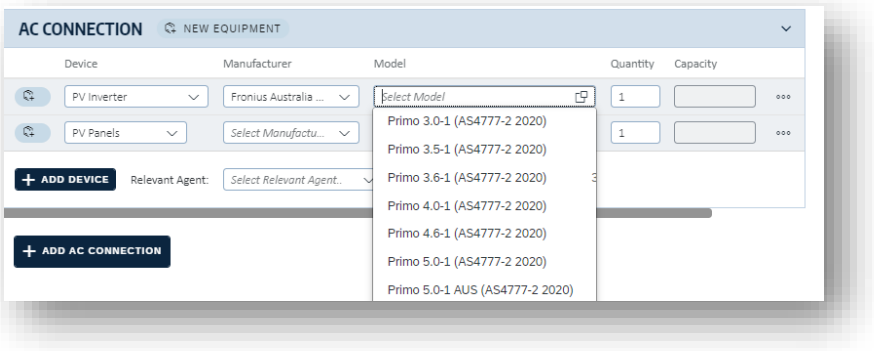
7. Click “Add AC Connection”. Note: if this applies to a group of NMIs (cluster) you will be able to repeat these steps for each NMI in the cluster.

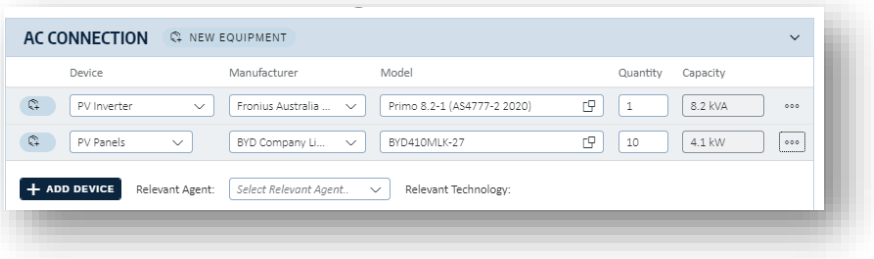



8. Select the inverter type from the drop-down box

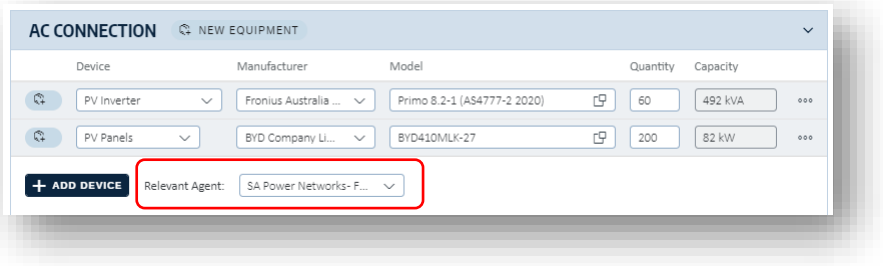



9. Select the manufacturer from the drop-down box, then select the model and enter the quantity. In this example, PV panels auto populated in the form because a PV inverter was entered for the AC connection. Enter the panels details as well.

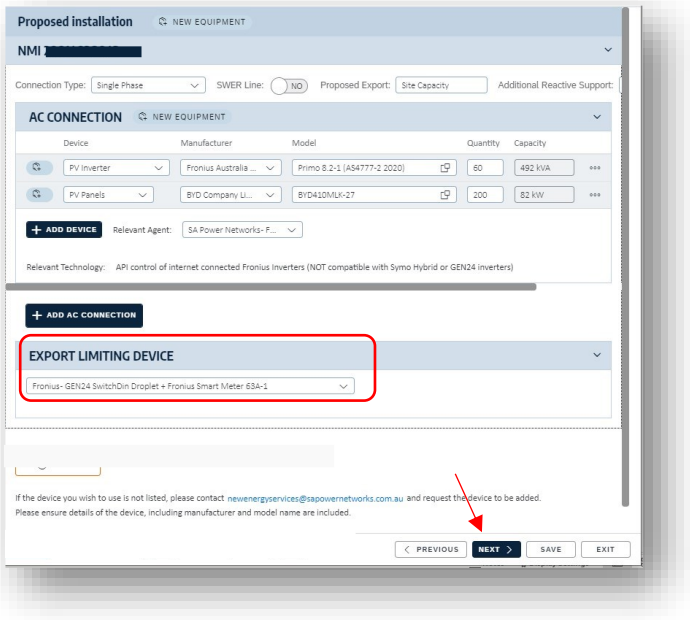




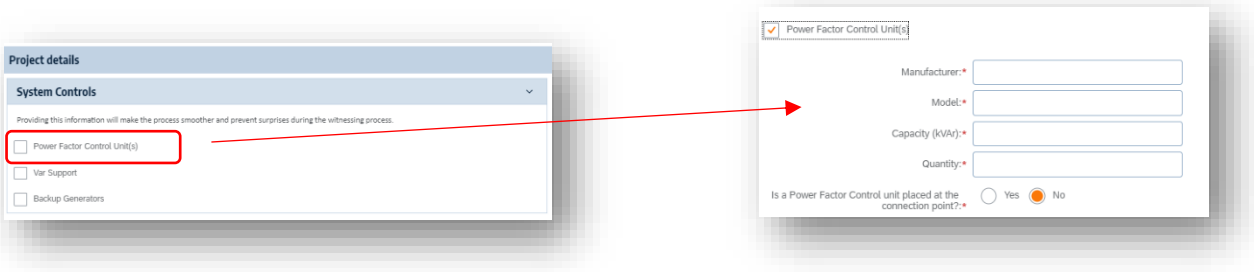

10. You can continue to add more devices or inverters, as required. For PV you are required to select a relevant agent from the drop-down list.



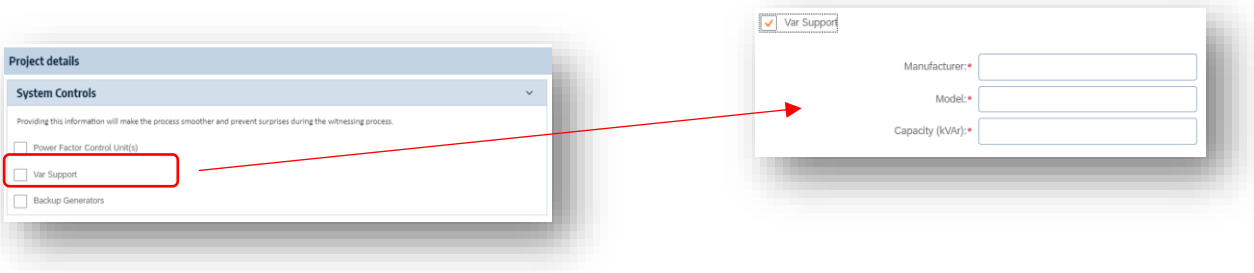

11. Once you have entered all devices for the AC Connection or inverter, you may need to select the export limiting device. This will be required if the device capacity exceeds the meg limit of 200kVa. Then click next.



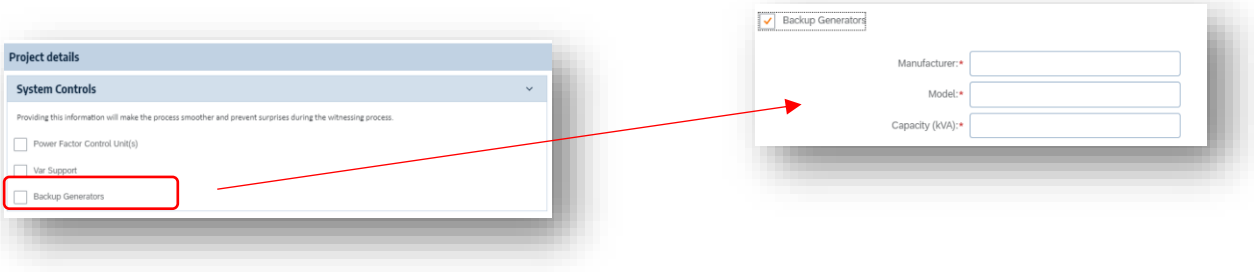

12. The project details page is displayed. Tick the checkbox alongside Power Factor Control units if any will be included in the installation. Power Factor Control Detail fields will be displayed, enter the manufacturer, make, capacity, quantity and indicate if it will be placed at the connection point. If manufacturer and model are not yet known, it is acceptable to enter “unknown” provided this information is supplied before the offer is accepted.




13. Tick the checkbox alongside Var support if any will be included in the installation. Var support fields will be displayed, enter the manufacturer, model, and capacity. If manufacturer and model are not yet known, it is acceptable to enter “unknown” provided this information is supplied before the offer is accepted.

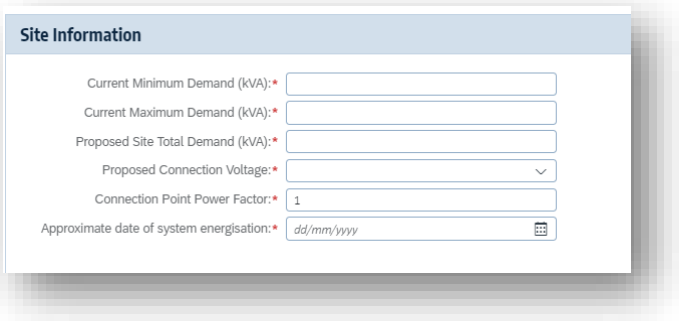



14. Tick the checkbox alongside Backup generators if any will be included in the installation. Backup generator fields will be displayed, enter the manufacturer, model, and capacity. If manufacturer and model are not yet known, it is acceptable to enter “unknown” provided this information is supplied before the offer is accepted.

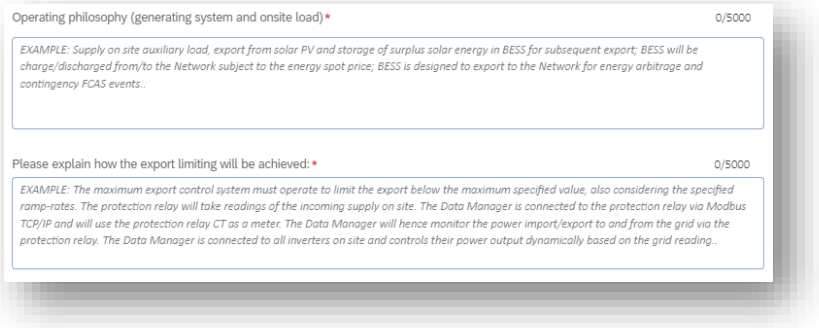



15. Enter information about the site
    - Current minimum demand – the minimum load the site currently pulls from the grid, for new sites this will be 0 KVA
    - Current maximum demand – the authorised current capacity as agreed with SA Power Networks i.e. the maximum load the site currently pulls from the grid, for new sites this will be 0 KVA
    - Proposed site total demand – enter the proposed maximum demand or enter the current maximum load if this will remain unchanged

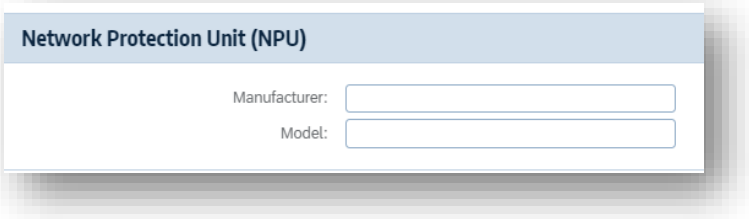
- Connection point power factor
- Approximate date of system energisation



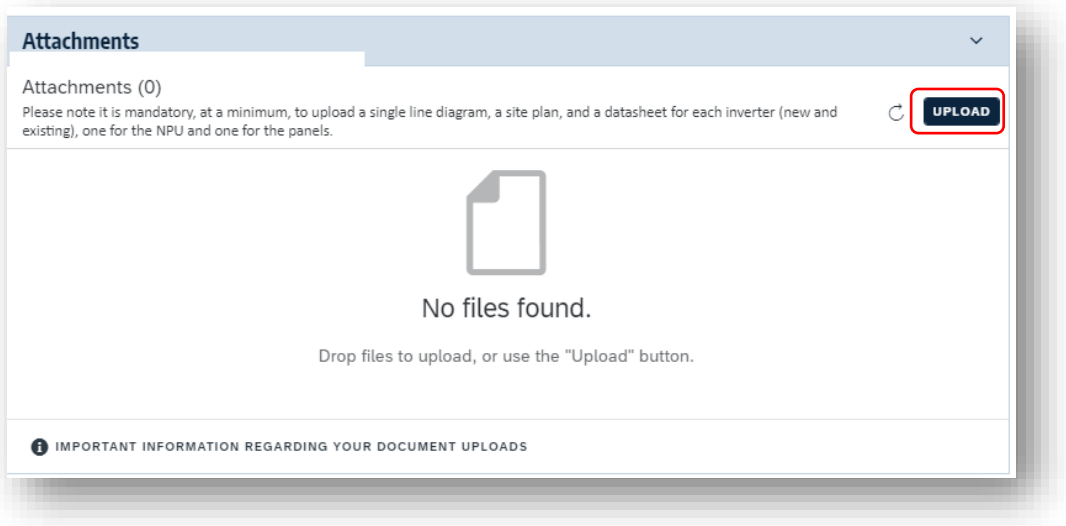

16. Enter information about the operating philosophy and describe how export limiting will be achieved.



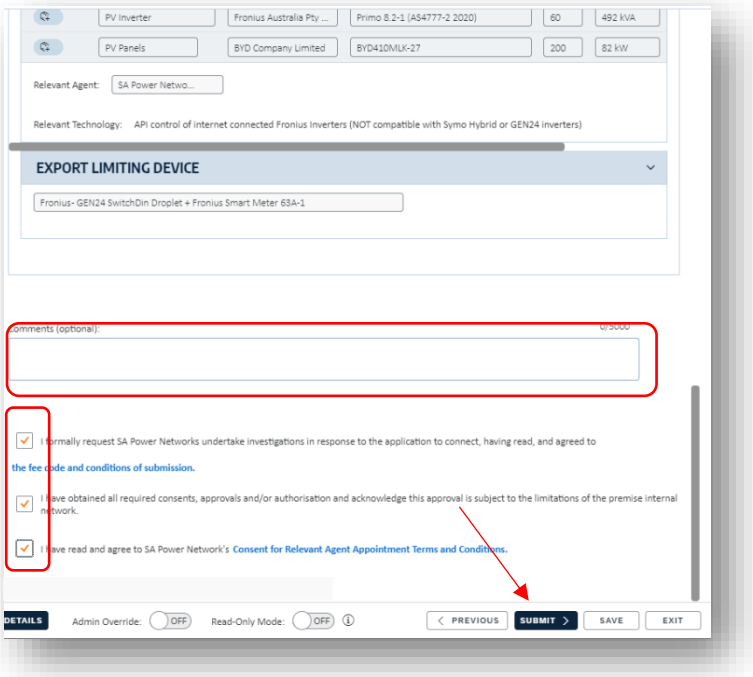

17. Enter the manufacturer and model of the Network Protection Unit (NPU)




18. Use the upload button to attach documents. In order to submit, at least a site plan should be attached. After submitting the application but prior to approval, the following documents must be loaded:
    - engineering report
    - single line diagram
    - site map
    - 3 data sheets
    - site plan




19. Click next once the project details have all been entered
20. The entire application is displayed. You can choose to edit any section, add supporting information. Agree to the terms displayed, and then click submit when ready.




21. The approved application will be displayed on your dashboard. An approval email will be sent to your email address and the customer address that you entered in step 4